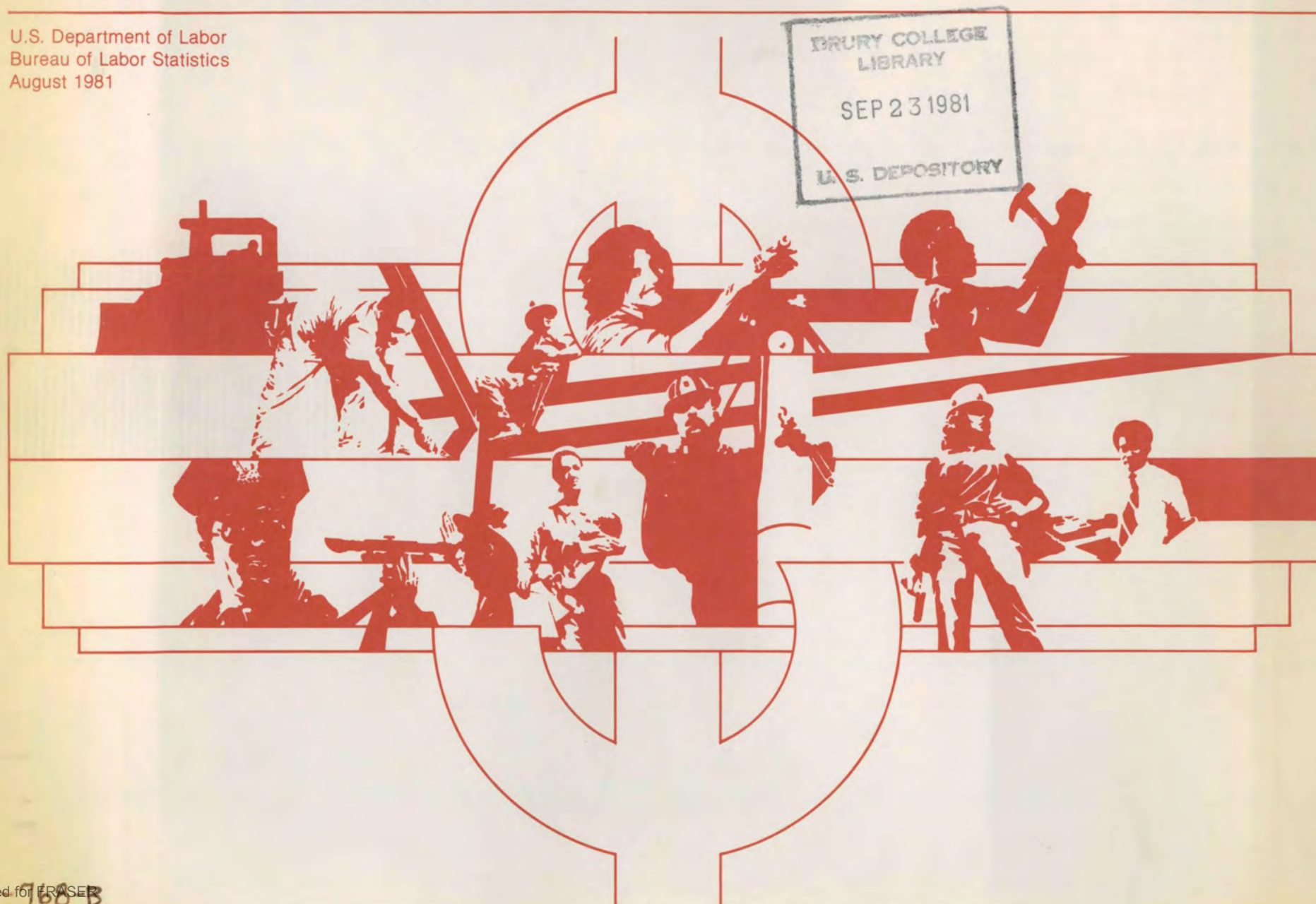


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Supplement to Employment and Earnings Revised Establishment Data



U.S. Department of Labor
Bureau of Labor Statistics
August 1981



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U.S. DEPARTMENT OF LABOR
Raymond J. Donovan, Secretary

BUREAU OF LABOR STATISTICS
Janet L. Norwood, Commissioner

This annual supplement to the monthly publication, *Employment and Earnings*, presents revised data from the survey of establishments.

Employment and Earnings is prepared by the Division of Monthly Industry Employment Statistics and the Division of Employment and Unemployment Analysis in collaboration with the Division of Special Publications. The data are collected by the Bureau of the Census (Department of Commerce), State employment security agencies, and State departments of labor in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of BLS with these agencies is presented in the Technical Note. The State agencies are listed on the inside back cover.

Employment and Earnings may be ordered through the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Subscription price per year \$28 domestic, \$35 foreign. Single copy \$3.25 domestic, \$4.10 foreign. Annual supplement \$4.25 domestic, \$5.35 foreign. Subscription includes supplement. Prices are subject to change by the U.S. Government Printing Office.

Inquiries regarding the text and tables in this supplement should be addressed to: Gloria P. Goings, *Employment and Earnings*, Bureau of Labor Statistics, Washington, D.C. 20212; or phone: (202) 523-1487. Send correspondence on circulation and subscription matters (including address changes) to the Superintendent of Documents.

The Secretary of Labor has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through July 1, 1985. Second-class postage paid at Laurel, Md.

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U.S. Department of Labor
Raymond J. Donovan, Secretary

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Revised Data on Employment, Hours, Earnings, and Turnover

This supplement presents revised detailed industry statistics on the Nation's nonagricultural workers adjusted to March 1980 benchmarks. It is the first supplement or historical volume to contain seasonally adjusted data on recalls, and unadjusted data on goods-producing, service-producing, and private service-producing industries.

Included are monthly and annual averages from January 1977 through March 1981 for all employees and women employees; production workers in manufacturing and mining; construction workers in construction; and nonsupervisory workers in the remaining private nonagricultural industries. Also shown for private nonagricultural industries are average weekly and hourly earnings and average weekly hours. Average weekly overtime hours and labor turnover rates are given for selected manufacturing industries. Labor turnover rates are available for some mining and communication industries. Tables on spendable average weekly earnings and average hourly earnings excluding overtime are also provided. Seasonally adjusted data are presented for a number of these series for the period January 1974 through March 1981.

This supplement also includes indexes of aggregate weekly hours, aggregate weekly payrolls, and constant-dollar earnings which have been converted from the 1967 base year to a 1977 base year. These series are shown from their earliest available date. For all other series, data for earlier time periods can be found in *Employment and Earnings, United States 1909-78*, Bulletin 1312-11.

The major technical characteristics of the payroll employment statistics program, such as scope, concepts, survey methods, estimating techniques, and limitations, highlighted in the next few paragraphs, are described fully in the technical note following the tables.

Benchmark adjustments

Periodically, the BLS adjusts its industry employment series to more recent benchmarks (comprehensive counts of employment) to correct for sampling variability and for changes in industrial activity of establish-

ments. Data in this supplement are not necessarily comparable to those published in *Employment and Earnings* before the July 1981 issue, and the *Monthly Labor Review* before the August 1981 issue. All data are now adjusted to the latest benchmark available—March 1980—and are subject to revision from that point forward with the advent of the next benchmark scheduled for publication in mid-1982.

Seasonally adjusted data have been revised back to January 1976 for most series. For a detailed account of the benchmark adjustment, see the July 1981 issue of *Employment and Earnings*. Reprints are available upon request (as long as the supply lasts) from the BLS in Washington.

Collection of data

Each month, a representative panel of industrial, commercial, and government establishments, employing collectively about 35 million workers, voluntarily submits information from payroll records to the State agencies participating in the Current Employment Statistics Program. After extracting data necessary for the preparation of State and area estimates on employment, hours, and earnings, these agencies forward the reports to the BLS (Washington Office) for use in the development of national estimates. This program is conducted jointly by the Bureau of Labor Statistics, the Employment and Training Administration, and State employment security agencies in the District of Columbia and most States; in a few States, the cooperating State agency is the State Department of Labor.

Labor turnover statistics are also based on data voluntarily supplied by employers. The State agency in the Labor Turnover Statistics Program has the same responsibilities as in the Current Employment Statistics Program. In most States and the District of Columbia, the program is operated by State employment security agencies in cooperation with the Bureau of Labor Statistics and the Employment and Training Administration.

Industrial classification

The Standard Industrial Classification (SIC) system is used to achieve uniformity and comparability in the presentation of industry data as well

as to describe structural changes that occur in a dynamic economy. The industry statistics in this supplement are based on the 1972 Standard Industrial Classification (SIC) Manual published by the Office of Management and Budget.

Related State and area statistics

Only national data are presented in this supplement. The bulletins,

Employment and Earnings, States and Areas, 1939-78 (BLS Bulletin 1370-13), and *Supplement to Employment and Earnings, States and Areas, Data for 1977-79* (BLS Bulletin 1370-14) provide similar information for all States, the District of Columbia, the Virgin Islands, and 250 areas. The bulletins contain annual averages for total employment, weekly earnings, weekly hours, and hourly earnings on the same basis as the national data. Data for all the industries currently published by each cooperating State agency also are presented in the bulletins.

Caution

All industry statistics for periods after March 1980, the present benchmark date, are subject to revision when the series are adjusted to new benchmark levels.

Employment, Hours and Earnings, and Labor Turnover by Industry

TOTAL NONAGRICULTURAL ESTABLISHMENTS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS													
1977	82,471	79,427	79,636	80,493	81,418	82,252	83,210	82,551	82,845	83,798	84,298	84,744	84,980
1978	86,697	83,318	83,614	84,607	85,910	86,715	87,701	86,872	87,174	87,801	88,417	88,965	89,272
1979	89,823	87,514	87,751	88,654	89,193	90,012	90,857	89,869	89,969	90,521	91,000	91,204	91,335
1980	90,564	89,553	89,691	90,253	90,665	90,745	90,955	89,711	89,969	90,638	91,244	91,599	91,750
1981		89,988	90,138	90,720									
WOMEN EMPLOYEES—IN THOUSANDS													
1977	33,252	32,079	32,268	32,606	32,878	33,183	33,392	32,639	32,815	33,668	34,145	34,499	34,846
1978	35,349	34,144	34,325	34,703	35,088	35,399	35,592	34,710	34,865	35,675	36,170	36,594	36,920
1979	37,096	36,199	36,322	36,647	36,897	37,120	37,253	36,427	36,647	37,246	37,789	38,184	38,426
1980	38,241	37,694	37,893	38,135	38,323	38,310	38,237	37,314	37,473	38,315	38,751	39,100	39,349
1981		38,604	38,734	38,914									

TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS

ALL EMPLOYEES—IN THOUSANDS ¹													
1977	67,344	64,480	64,505	65,294	66,230	66,999	67,997	67,990	68,392	68,825	68,880	69,155	69,386
1978	71,026	67,841	67,877	68,729	69,979	70,729	71,821	71,740	72,200	72,441	72,621	73,009	73,320
1979	73,876	71,736	71,742	72,552	73,058	73,835	74,755	74,480	74,664	74,834	74,885	74,918	75,055
1980	74,316	73,451	73,319	73,720	73,927	74,102	74,478	74,100	74,539	74,797	74,913	75,126	75,315
1981		73,772	73,680	74,227									
WOMEN EMPLOYEES—IN THOUSANDS													
1977	26,345	25,267	25,316	25,586	25,850	26,115	26,415	26,297	26,545	26,872	27,009	27,265	27,601
1978	28,133	26,971	26,995	27,300	27,630	27,905	28,226	28,102	28,403	28,649	28,822	29,135	29,454
1979	29,646	28,811	28,800	29,065	29,283	29,510	29,784	29,571	29,786	29,993	30,171	30,371	30,610
1980	30,489	29,957	29,996	30,155	30,250	30,309	30,415	30,242	30,492	30,731	30,855	31,094	31,368
1981		30,728	30,726	30,885									
PRODUCTION OR NONSUPERVISORY WORKERS—IN THOUSANDS ²													
1977	55,179	52,633	52,651	53,379	54,257	54,958	55,811	55,718	56,069	56,460	56,504	56,759	56,946
1978	58,156	55,413	55,402	56,175	57,319	57,975	58,879	58,731	59,125	59,376	59,501	59,852	60,121
1979	60,367	58,534	58,511	59,236	59,678	60,389	61,173	60,850	60,999	61,176	61,232	61,248	61,374
1980	60,457	59,748	59,649	59,986	60,169	60,300	60,589	60,215	60,617	60,855	60,948	61,124	61,279
1981		59,760	59,633	60,115									

TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS—Continued

PRODUCTION- OR NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS ² IN DOLLARS													
1977	189.00	178.97	182.58	183.30	184.73	186.68	189.49	191.10	190.94	193.14	194.58	193.86	195.84
1978	203.70	192.35	194.15	197.97	200.48	200.63	204.89	206.91	206.70	208.94	210.73	210.50	213.35
1979	219.91	210.74	212.40	214.91	211.65	215.84	219.35	221.76	222.48	225.54	225.27	225.70	229.04
1980	235.10	225.34	226.40	228.80	229.20	229.60	233.33	234.39	236.79	239.69	241.81	244.28	247.06
1981		246.75	247.10	249.92									
PRODUCTION- OR NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS ² IN DOLLARS													
1977	5.25	5.07	5.10	5.12	5.16	5.20	5.22	5.25	5.26	5.35	5.39	5.40	5.41
1978	5.69	5.48	5.50	5.53	5.60	5.62	5.66	5.70	5.71	5.82	5.87	5.88	5.91
1979	6.16	5.97	6.00	6.02	6.03	6.08	6.11	6.16	6.18	6.30	6.31	6.34	6.38
1980	6.66	6.42	6.45	6.50	6.53	6.56	6.61	6.64	6.67	6.79	6.85	6.92	6.94
1981		7.03	7.06	7.10									
PRODUCTION- OR NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS ²													
1977	36.0	35.3	35.8	35.8	35.8	35.9	36.3	36.4	36.3	36.1	36.1	35.9	36.2
1978	35.8	35.1	35.3	35.8	35.8	35.7	36.2	36.3	36.2	35.9	35.9	35.8	36.1
1979	35.7	35.3	35.4	35.7	35.1	35.5	35.9	36.0	36.0	35.8	35.7	35.6	35.9
1980	35.3	35.1	35.1	35.2	35.1	35.0	35.3	35.3	35.5	35.3	35.3	35.3	35.6
1981		35.1	35.0	35.2									
GOODS-PRODUCING													
ALL EMPLOYEES—IN THOUSANDS ³													
1977	24,346	23,052	23,112	23,488	23,893	24,257	24,787	24,675	24,945	25,151	25,079	25,006	24,706
1978	25,585	24,182	24,178	24,554	25,179	25,474	26,029	25,911	26,206	26,356	26,383	26,378	26,186
1979	26,461	25,633	25,605	25,993	26,187	26,500	26,975	26,801	26,891	27,011	26,886	26,643	26,401
1980	25,718	25,837	25,697	25,799	25,716	25,621	25,735	25,289	25,658	25,855	25,888	25,877	25,641
1981		25,136	25,037	25,292									
WOMEN EMPLOYEES—IN THOUSANDS ³													
1977	6,248	5,954	6,010	6,070	6,124	6,186	6,299	6,202	6,359	6,447	6,451	6,458	6,420
1978	6,644	6,368	6,406	6,474	6,521	6,576	6,695	6,572	6,746	6,833	6,849	6,864	6,823
1979	6,911	6,762	6,777	6,829	6,840	6,887	6,993	6,872	6,973	7,031	7,035	6,997	6,939
1980	6,807	6,869	6,879	6,913	6,858	6,763	6,751	6,583	6,762	6,828	6,833	6,838	6,802
1981		6,735	6,759	6,799									
PRODUCTION OR NONSUPERVISORY WORKERS—IN THOUSANDS ⁴													
1977	17,774	16,640	16,693	17,046	17,426	17,748	18,190	18,029	18,275	18,474	18,403	18,339	18,025
1978	18,726	17,501	17,486	17,826	18,398	18,664	19,122	18,972	19,245	19,422	19,440	19,416	19,216
1979	19,351	18,667	18,623	18,966	19,154	19,438	19,821	19,617	19,689	19,833	19,711	19,466	19,227
1980	18,442	18,645	18,505	18,564	18,478	18,362	18,430	17,994	18,350	18,557	18,573	18,544	18,303
1981		17,815	17,725	17,956									

See footnotes at end of tables.

MINING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	813	788	788	805	818	828	856	831	816	843	843	848	690	1978	3.7	3.2	3.2	3.7	3.7	4.4	4.7	3.5	4.2	4.0	3.8	2.9	2.6
1978	851	679	680	699	869	882	909	915	917	911	914	922	917	1979	3.7	3.7	3.1	3.6	3.2	4.2	4.4	3.7	4.2	3.8	3.9	3.5	2.9
1979	958	912	917	928	934	946	970	977	986	980	981	982	981	1980	3.9	4.2	3.6	4.0	3.8	4.2	5.0	3.8	3.9	4.0	3.7	3.1	3.3
1980	1,020	977	981	990	1,001	1,019	1,044	1,025	1,024	1,030	1,034	1,051	1,060	1981		4.0	3.6	4.0									
1981		1,066	1,071	1,084																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	65	61	62	62	63	63	66	67	68	67	67	69	66	1977	.5	.5	.9	.9	1.1	.5	.4	.4	.3	.3	.3	.3	.3
1978	76	68	69	69	73	74	78	79	80	80	80	81	82	1978	.5	.5	.5	.9	1.0	.6	.4	.4	.4	.4	.5	.5	.4
1979	91	83	83	86	87	89	92	94	96	93	94	95	95	1979	.7	.6	.8	.9	.9	.8	.8	.7	.7	.8	.5	.7	.6
1980	104	95	97	99	100	102	106	106	107	107	107	110	112	1980	.7	.8	.8	.7	.8	.8	.7	.5	.8	.5	.8	.7	.5
1981		113	116	118										1981		1.0	.7	.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	618	600	600	616	626	633	658	635	617	643	642	646	505	1977	3.6	4.1	2.9	3.2	3.1	3.2	3.3	3.4	4.9	4.4	3.3	3.2	4.1
1978	638	491	489	508	657	669	689	692	693	689	692	698	694	1978	4.1	4.8	3.8	3.8	3.5	3.9	3.8	3.7	5.9	4.8	4.1	3.7	3.8
1979	719	689	691	698	702	711	728	732	740	735	734	734	731	1979	4.3	4.7	4.0	3.9	3.6	3.8	3.8	4.3	5.6	4.7	4.6	4.2	4.3
1980	757	728	729	734	744	759	779	762	758	765	767	779	785	1980	4.5	5.0	4.4	4.7	3.9	4.5	4.7	3.7	5.9	4.9	4.3	3.6	4.0
1981		787	790	800										1981		4.6	4.2	4.3									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	301.20	283.56	288.74	292.75	296.35	296.35	302.58	308.26	300.76	313.99	317.29	318.07	288.65	1977	2.2	1.8	1.7	2.0	2.0	2.3	2.4	2.2	3.2	2.8	2.1	2.0	2.1
1978	332.88	288.42	296.87	301.20	331.80	331.14	336.05	337.82	337.74	345.83	348.73	353.03	349.80	1978	2.7	2.7	2.4	2.6	2.3	2.6	2.6	2.5	4.1	3.4	2.9	2.2	2.1
1979	365.07	348.10	350.17	355.21	364.23	361.24	367.20	355.70	365.92	373.23	374.95	381.06	383.69	1979	2.7	2.6	2.4	2.3	2.3	2.3	2.6	2.7	3.6	3.1	2.8	2.8	2.4
1980	396.14	384.52	384.94	388.00	389.96	387.29	395.28	380.94	395.71	404.99	408.10	413.76	422.04	1980	2.8	2.9	2.7	3.2	2.6	2.6	2.8	2.2	3.9	3.1	2.8	2.2	2.3
1981		425.97	422.01	416.66										1981		2.8	2.8	2.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.94	6.80	6.81	6.84	6.86	6.86	6.94	6.99	6.93	7.12	7.13	7.18	6.76	1977	.6	1.4	.4	.4	.3	.2	.3	.4	.8	.6	.4	.5	1.3
1978	7.67	6.90	6.92	6.94	7.61	7.63	7.69	7.82	7.80	7.95	7.98	8.06	8.06	1978	.5	.9	.6	.3	.4	.4	.3	.3	.5	.4	.4	.7	1.0
1979	8.49	8.21	8.22	8.28	8.55	8.46	8.50	8.53	8.49	8.58	8.58	8.72	8.74	1979	.7	1.0	.8	.5	.6	.6	.4	.7	.7	.5	.9	.7	1.2
1980	9.17	8.86	8.89	8.94	9.09	9.07	9.15	9.07	9.16	9.31	9.36	9.49	9.57	1980	.7	.9	.8	.5	.4	.8	1.0	.6	.9	.9	.6	.8	.9
1981		9.77	9.86	9.85										1981		.7	.5	.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 10—METAL MINING													
1977	43.4	41.7	42.4	42.8	43.2	43.2	43.6	44.1	43.4	44.1	44.5	44.3	42.7	ALL EMPLOYEES—IN THOUSANDS													
1978	43.4	41.8	42.9	43.4	43.6	43.4	43.7	43.2	43.3	43.5	43.7	43.8	43.4	1977	90.3	96.5	97.0	97.3	97.9	99.9	102.2	89.0	80.4	77.8	78.2	79.2	87.9
1979	43.0	42.4	42.6	42.9	42.6	42.7	43.2	41.7	43.1	43.5	43.7	43.7	43.9	1978	93.7	90.8	91.5	92.8	92.7	92.9	94.7	94.4	95.1	94.4	94.7	95.2	95.6
1980	43.2	43.4	43.3	43.4	42.9	42.7	43.2	42.0	43.2	43.5	43.6	43.6	44.1	1979	101.0	95.4	96.2	97.3	97.8	98.9	102.3	104.0	104.7	103.4	103.3	104.4	104.7
1981		43.6	42.8	42.3										1980	97.5	104.4	104.3	104.7	104.1	106.0	107.6	88.9	80.5	86.1	86.3	95.2	101.8
														1981		103.1	103.3	102.6									
ACCESSIONS PER 100 EMPLOYEES														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.0	3.4	4.2	4.1	4.5	4.8	4.9	4.1	3.9	3.6	3.8	3.0	3.3	1977	5.7	5.4	5.8	5.7	5.8	5.9	6.3	5.8	5.9	5.4	5.4	5.6	5.9
1978	4.7	4.2	3.9	5.0	5.4	5.6	5.7	4.4	5.3	4.9	4.6	3.8	3.4	1978	6.8	6.0	6.0	6.1	6.2	6.4	7.2	7.3	7.4	7.2	7.2	7.3	7.5
1979	4.8	4.7	4.3	5.0	4.4	5.4	5.6	5.0	5.6	4.9	4.7	4.4	3.8	1979	8.5	7.5	7.5	7.9	8.0	8.2	8.9	9.2	9.1	8.7	8.8	8.8	9.0
1980	5.0	5.6	4.8	5.1	5.1	5.3	6.3	4.8	5.0	4.9	4.9	4.2	4.0	1980	8.8	9.0	9.0	8.8	9.0	9.3	9.9	8.5	8.2	8.0	7.9	9.0	9.5
1981		5.5	4.6	5.2										1981		9.5	9.6	9.4									
NEW HIRES PER 100 EMPLOYEES																											
1977	3.0	2.6	2.4	2.7	3.0	4.0	4.0	3.2	3.2	3.0	3.1	2.4	2.6														

See footnotes at end of tables.

MINING

SIC 101

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 10—METAL MINING (Con.)														SIC 10—METAL MINING (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	68.2	74.7	75.0	75.0	75.6	77.1	78.7	67.6	58.3	55.7	56.7	57.7	66.2	1977	1.5	1.2	0.9	1.3	1.2	1.2	1.6	1.7	3.7	2.4	1.4	1.2	1.0
1978	72.3	69.5	70.1	71.9	71.7	71.7	73.2	72.8	73.6	73.1	73.2	73.6	73.7	1978	1.6	1.4	1.1	1.2	1.4	1.3	1.6	1.5	3.1	2.6	1.5	1.2	1.1
1979	77.4	73.9	73.5	74.5	74.9	75.7	78.5	79.7	80.0	79.3	79.3	80.0	79.8	1979	1.5	1.3	1.3	1.3	1.3	1.7	1.4	1.5	2.9	1.8	1.3	.9	.8
1980	73.5	79.7	79.5	79.2	79.0	80.5	81.6	66.3	58.1	64.5	64.6	71.6	76.8	1980	1.1	1.1	.9	.9	1.1	1.3	1.0	.8	2.2	1.6	.9	.7	.6
1981		78.2	78.3	77.6										1981		.8	.6	.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	297.02	283.56	286.42	287.04	292.63	293.35	298.39	296.46	297.01	302.60	305.31	309.78	318.24	1977	1.1	.7	.2	.6	.1	.1	.2	1.0	3.2	4.3	1.4	.9	1.9
1978	339.90	319.25	319.39	320.66	327.57	328.03	329.66	340.73	341.88	357.81	358.62	362.34	367.11	1978	.6	.5	.6	.8	.7	.3	.3	.2	.8	.5	.8	1.0	.5
1979	381.92	362.34	367.38	364.62	372.94	366.02	377.24	378.80	384.05	393.87	396.47	404.33	409.08	1979	.5	.5	.5	.4	.2	.1	(⁵)	.4	1.6	.7	1.1	.6	.2
1980	415.94	406.72	409.12	413.25	413.41	414.73	411.68	380.93	396.90	423.06	419.36	439.93	454.20	1980	1.3	1.4	.4	.1	.2	.4	4.0	1.0	3.1	3.5	.9	.8	.5
1981		444.04	454.92	458.56										1981		1.0	.4	.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 101—IRON ORES													
1977	7.28	6.95	7.02	7.07	7.12	7.19	7.26	7.32	7.37	7.49	7.52	7.63	7.65	ALL EMPLOYEES—IN THOUSANDS													
1978	8.23	7.73	7.79	7.84	7.97	8.04	8.08	8.25	8.40	8.56	8.60	8.71	8.72	1977	19.3	24.4	24.9	25.0	24.8	25.3	26.0	25.1	10.1	9.6	9.5	9.1	18.0
1979	9.27	8.71	8.81	8.85	9.03	9.06	9.09	9.33	9.39	9.63	9.67	9.79	9.81	1978	24.2	21.9	22.2	23.4	23.6	24.3	24.8	24.7	25.2	25.1	25.1	24.9	24.6
1980	10.27	9.92	9.93	9.91	10.01	10.19	10.14	10.24	10.39	10.55	10.59	10.73	10.84	1979	24.8	24.3	24.1	24.2	24.2	24.5	25.0	25.4	25.6	25.3	25.0	25.0	24.8
1981		10.91	11.15	11.13										1980	21.7	24.2	23.9	24.0	23.0	23.3	23.1	21.1	19.8	19.6	19.2	18.8	20.4
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1981		21.5	21.8	21.9									
1977	40.8	40.8	40.8	40.6	41.1	40.8	41.1	40.5	40.3	40.4	40.6	40.6	41.6	PRODUCTION WORKERS—IN THOUSANDS													
1978	41.3	41.3	41.0	40.9	41.1	40.8	40.8	41.3	40.7	41.8	41.7	41.6	42.1	1977	14.6	19.6	20.0	20.1	19.7	20.3	20.8	20.0	5.8	5.4	5.3	5.0	13.3
1979	41.2	41.6	41.7	41.2	41.3	40.4	41.5	40.6	40.9	40.9	41.0	41.3	41.7	1978	19.6	17.4	17.8	19.1	19.3	19.7	20.2	19.9	20.5	20.5	20.3	20.3	19.9
1980	40.5	41.0	41.2	41.7	41.3	40.7	40.6	37.2	38.2	40.1	39.6	41.0	41.9	1979	19.9	19.7	19.3	19.4	19.3	19.7	20.1	20.4	20.3	20.3	20.0	20.1	19.8
1981		40.7	40.8	41.2										1980	16.8	19.3	19.0	19.1	17.8	18.2	18.0	15.8	15.0	14.9	14.5	14.2	15.6
ACCESSIONS PER 100 EMPLOYEES														1981		16.8	17.0	17.1									
1977	2.9	2.3	1.8	2.3	2.9	4.6	4.5	2.2	3.6	2.8	2.9	3.0	1.7	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	3.1	3.2	2.3	2.2	2.9	4.3	4.8	2.6	3.2	2.9	3.0	2.6	2.4	1977	309.34	299.62	302.09	303.73	301.18	311.19	326.32	306.32	314.70	324.38	326.16	331.67	309.60
1979	3.2	2.8	3.1	2.6	3.2	4.7	4.5	3.6	3.5	2.9	3.3	2.5	1.6	1978	360.40	331.38	335.86	344.86	357.57	356.50	361.99	363.80	361.96	373.05	371.60	377.52	383.10
1980	2.9	3.2	2.2	2.8	2.4	3.5	3.8	1.9	2.4	2.9	3.7	4.1	2.5	1979	405.77	378.16	391.73	389.42	407.28	395.85	403.18	405.34	413.34	409.76	413.56	437.84	424.35
1981		3.9	1.5	1.8										1980	428.15	424.11	434.89	444.74	423.72	451.95	418.72	407.74	402.85	430.07	401.32	429.77	459.65
NEW HIRES PER 100 EMPLOYEES														1981		428.65	461.37	478.18									
1977	2.2	1.4	1.3	1.7	1.7	3.8	4.1	1.8	2.8	2.4	2.0	1.7	1.4	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	2.5	1.9	1.8	1.8	2.1	3.7	4.3	2.2	2.8	2.6	2.5	2.1	1.9	1977	7.49	7.29	7.35	7.39	7.40	7.59	7.66	7.62	7.37	7.44	7.55	7.47	7.74
1979	2.5	2.2	2.2	2.1	2.4	3.8	3.8	2.5	2.7	2.3	2.7	1.9	1.3	1978	8.48	7.89	7.94	8.02	8.22	8.31	8.36	8.52	8.68	8.84	8.89	9.01	8.93
1980	1.6	1.5	1.6	1.7	1.5	2.7	2.7	1.1	1.4	1.3	1.4	1.0	1.2	1979	9.57	8.94	9.11	9.12	9.32	9.47	9.42	9.56	9.68	9.85	9.80	10.23	10.35
1981		1.2	.8	.9										1980	10.95	10.55	10.53	10.44	10.36	11.05	10.99	11.08	11.38	11.53	11.21	11.43	11.52
RECALLS PER 100 EMPLOYEES														1981		11.37	11.83	11.72									
1977	.5	.8	.2	.4	.8	.4	.2	.1	.6	.2	.7	1.0	.1	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	.3	.8	.4	.3	.5	.4	.3	.2	.2	.1	.2	.3	.1	1977	41.3	41.1	41.1	41.1	40.7	41.0	42.6	40.2	42.7	43.6	43.2	44.4	40.0
1979	.4	.3	.6	.2	.6	.5	.3	.5	.4	.2	.3	.4	(⁵)	1978	42.5	42.0	42.3	43.0	43.5	42.9	43.3	42.7	41.7	42.2	41.8	41.9	42.9
1980	.7	.8	.4	.4	.4	.4	.2	.5	.8	1.0	2.0	1.6	.7	1979	42.4	42.3	43.0	42.7	43.7	41.8	42.8	42.4	42.7	41.6	42.2	42.8	41.0
1981		2.3	.5	.5										1980	39.1	40.2	41.3	42.6	40.9	40.9	38.1	36.8	35.4	37.3	35.8	37.6	39.9
SEPARATIONS PER 100 EMPLOYEES														1981		37.7	39.0	40.8									
1977	3.6	2.8	1.9	2.7	2.0	2.0	2.7	3.7	8.1	8.9	3.8	2.8	3.7	ACCESSIONS PER 100 EMPLOYEES													
1978	2.9	2.7	2.3	2.6	2.9	2.3	2.6	2.5	4.7	4.1	3.0	2.8	2.3	1977	2.6	2.2	1.7	1.8	2.2	3.6	4.9	2.2	4.6	1.5	3.5	1.8	1.7
1979	2.8	2.8	2.6	2.5	2.0	2.7	2.2	3.2	5.6	3.4	3.2	2.2	1.6	1978	2.6	4.1	2.8	2.0	2.6	3.7	5.0	2.3	2.7	2.0	1.4	1.5	1.6
1980	3.3	3.5	2.1	2.5	2.1	2.4	6.2	2.7	6.0	6.4	2.5	2.0	1.8	1979	2.4	1.7	3.4	1.8	2.7	3.3	3.2	3.4	3.2	2.3	1.8	1.1	.9
1981		2.7	1.6	2.1										1980	4.5	3.3	2.3	3.8	3.2	2.0	4.8	2.5	3.6	6.0	9.3	10.6	5.2
														1981		10.8	1.9	2.3									

See footnotes at end of tables.

SIC 101

MINING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 101—IRON ORES (Con.)														SIC 102—COPPER ORES (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.4	0.7	0.6	0.8	0.5	2.1	4.1	1.3	1.6	1.0	2.2	1.0	0.9	1977	7.49	7.25	7.23	7.22	7.31	7.28	7.35	7.52	7.56	7.86	7.90	7.88	7.95
1978	1.7	1.7	1.7	1.2	.8	3.0	4.6	1.7	2.2	1.6	.7	.7	.6	1978	8.46	8.03	8.05	8.17	8.12	8.15	8.17	8.62	8.63	8.72	8.86	8.92	9.01
1979	1.0	.5	.8	.7	1.0	2.4	2.1	.9	1.2	.9	.8	.6	.4	1979	9.53	9.00	9.06	9.03	9.20	9.12	9.15	9.67	9.68	9.91	10.01	10.23	10.08
1980	.4	.1	.3	.6	.3	.3	1.4	.1	.3	.4	.2	.1	.3	1980	10.61	10.25	10.27	10.20	10.46	10.38	10.30	10.50	10.56	10.98	11.20	11.25	11.28
1981		.6	.3	.3										1981		11.50	11.58	11.44									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	.7	1.5	.6	.4	1.3	.9	.2	.1	2.8	.1	.6	.1	.2	1977	38.6	39.0	38.7	39.1	39.9	39.2	38.3	38.2	37.8	37.2	37.6	37.6	39.2
1978	.5	2.1	1.0	.6	1.5	.4	.1	.3	.1	.1	.2	.3	.1	1978	40.1	39.1	39.0	39.0	39.1	39.4	38.8	39.0	39.6	41.6	41.5	41.7	43.0
1979	.6	.5	2.3	.4	1.0	.7	(⁵)	.7	.6	.6	.6	(⁵)	.1	1979	42.5	42.4	42.9	42.1	41.9	41.6	43.2	43.1	42.5	42.4	42.7	42.0	42.9
1980	2.5	.4	1.5	1.3	1.3	1.1	.2	1.7	2.9	3.7	8.3	7.6	2.9	1980	41.0	42.4	42.0	42.1	41.5	41.7	41.5	30.6	34.0	38.7	39.8	42.8	44.0
1981		9.1	.9	1.0										1981		42.5	42.5	42.1									
SEPARATIONS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	3.8	2.8	1.2	3.2	1.2	1.1	2.1	4.4	22.6	2.4	8.5	4.7	6.2	1977	2.0	1.9	1.0	1.8	2.4	3.6	2.4	1.5	2.0	1.2	2.2	3.2	.7
1978	2.3	2.1	1.6	2.3	1.4	1.4	1.5	1.0	3.6	3.3	3.0	3.6	2.1	1978	1.5	2.2	1.2	.8	1.1	2.5	1.8	1.6	1.4	1.3	1.4	1.7	1.6
1979	2.4	2.4	1.4	2.1	1.8	1.3	1.5	4.6	4.5	3.2	1.8	2.6	1.4	1979	2.2	1.9	1.5	1.6	2.1	3.8	3.4	2.7	2.5	2.1	2.3	1.4	1.0
1980	6.2	4.8	2.7	2.1	2.3	2.1	21.8	5.0	12.4	13.4	4.5	2.7	1.9	1980	1.8	1.2	1.3	1.7	1.5	3.1	2.4	.6	.4	1.2	2.4	2.3	1.7
1981		4.5	1.7	1.5										1981		1.7	.9	1.6									
QUITS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES													
1977	.6	.4	.2	.3	.3	.4	.4	.4	3.3	1.1	.7	.6	.7	1977	1.1	.8	.7	1.1	1.3	2.7	1.9	1.3	1.4	.5	.5	.4	.4
1978	.7	.6	.7	.3	.5	.6	.6	.5	1.9	1.9	.2	.4	.1	1978	1.0	.6	.7	.6	.7	1.6	1.0	1.0	1.1	1.0	1.0	1.2	1.3
1979	.5	.4	.3	.3	.3	.6	.2	.4	1.4	1.1	.3	.3	.3	1979	1.8	1.4	1.3	1.4	1.4	2.9	2.9	2.1	2.1	1.8	2.0	1.2	.9
1980	.3	.1	.2	.3	.3	.4	.5	.4	.8	.4	.4	.2	.1	1980	1.4	.9	1.2	1.5	1.2	2.7	2.2	.5	.4	.8	2.0	1.3	1.4
1981		.2	.2	.1										1981		1.1	.8	.8									
LAYOFFS PER 100 EMPLOYEES														RECALLS PER 100 EMPLOYEES													
1977	2.1	.7	.1	2.0	.2	.1	.1	2.8	17.4	.3	5.8	2.4	4.8	1977	.6	1.0	.1	.4	.9	.4	.3	(⁵)	.2	.3	1.5	2.5	.1
1978	.8	.8	.1	1.3	.3	.3	(⁵)	.5	.5	.5	2.1	2.4	1.0	1978	.2	.8	.2	.1	.2	.4	.3	.2	.1	.1	.1	.2	.1
1979	.7	.9	(⁵)	.8	.4	.1	(⁵)	1.5	1.1	1.1	.8	1.6	.5	1979	.2	.3	(⁵)	(⁵)	.5	.4	.3	.2	.3	.1	.2	.1	(⁵)
1980	4.3	2.2	1.1	.1	.5	.6	18.1	3.9	10.5	10.0	3.0	2.2	.3	1980	.1	.1	(⁵)	(⁵)	.1	.1	.1	(⁵)	(⁵)	.1	.1	(⁵)	(⁵)
1981		2.8	.4	.3										1981		.3	(⁵)	.6									
SIC 102—COPPER ORES														SEPARATIONS PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	3.3	2.5	1.6	1.7	1.7	1.8	1.9	3.2	5.3	16.1	2.1	1.6	2.0
1977	33.6	37.6	37.3	37.2	36.8	37.2	37.8	25.2	32.3	29.7	30.2	30.9	30.8	1978	1.8	1.8	1.1	2.0	2.8	1.5	1.8	2.0	2.8	2.1	1.3	1.0	1.0
1978	30.0	30.8	30.9	30.7	30.1	29.9	29.9	29.6	29.7	29.5	29.5	29.7	30.1	1979	1.5	1.3	1.9	1.3	1.1	1.4	1.4	1.4	3.1	2.1	1.1	.9	.7
1979	33.3	30.5	31.0	31.5	31.7	32.2	33.4	34.2	34.6	34.5	34.7	35.3	35.4	1980	1.1	1.0	.9	1.0	1.0	.8	1.0	1.9	2.4	1.8	1.2	.8	.9
1980	29.9	35.3	35.2	35.3	35.7	36.3	37.1	20.1	13.8	20.4	21.9	31.5	36.4	1981		1.5	1.0	2.4									
1981		36.6	36.7	36.3										QUITS PER 100 EMPLOYEES													
PRODUCTION WORKERS—IN THOUSANDS														1977	1.0	.7	.7	1.0	.9	.8	1.1	1.1	2.7	1.3	.7	.6	.5
1977	25.6	29.0	28.8	28.6	28.4	28.6	29.2	19.0	24.0	21.8	22.7	23.4	23.7	1978	.6	.6	.4	.5	.4	.5	.4	.7	1.3	.7	.6	.4	.3
1978	22.9	23.6	23.6	23.4	23.0	22.8	22.7	22.4	22.6	22.5	22.6	22.8	23.1	1979	.6	.4	.6	.4	.6	.6	.8	.7	.8	1.1	.6	.5	.3
1979	25.6	23.4	23.8	24.2	24.5	24.8	25.7	26.3	26.5	26.6	26.9	27.4	27.4	1980	.5	.4	.4	.5	.4	.5	.4	.3	1.1	.8	.6	.4	.4
1980	23.0	27.4	27.4	26.7	27.7	28.2	28.8	15.6	8.6	15.8	17.0	24.5	28.2	1981		.6	.4	.3									
1981		28.5	28.5	28.1										LAYOFFS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.3	1.0	.3	.1	.1	.1	.2	.8	1.5	10.7	.9	.4	.9
1977	289.11	282.75	279.80	282.30	291.67	285.38	281.51	287.26	285.77	292.39	297.04	296.29	311.64	1978	.5	.3	.1	1.0	.6	.3	.7	.4	.9	.6	.2	.2	.2
1978	339.25	313.97	313.95	318.63	317.49	321.11	317.00	336.18	341.75	362.75	367.69	371.96	387.43	1979	.3	.1	.8	.3	(⁵)	.1	.1	.1	.7	.4	(⁵)	(⁵)	(⁵)
1979	405.03	381.60	388.67	380.16	385.48	379.39	395.28	416.78	411.40	420.18	427.43	429.66	432.43	1980	.1	.1	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	.1	.7	.6	(⁵)	(⁵)	.1
1980	435.01	434.60	431.34	429.42	434.09	432.85	427.45	321.30	359.04	424.93	445.76	481.50	496.32	1981		.1	.2	1.6									
1981		488.75	492.15	481.62																							

See footnotes at end of tables.

MINING

SIC 12

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 11,12—COAL MINING														SIC 11,12—COAL MINING (Con.)													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	225.3	231.5	228.5	237.4	238.8	236.5	243.2	228.1	218.2	250.4	250.0	252.4	88.5	1977	0.4	0.2	0.9	0.2	1.2	0.2	0.3	0.1	0.1	0.3	0.3	0.1	0.1
1978	209.6	77.4	76.2	83.0	244.4	248.3	253.5	253.9	251.7	252.2	255.3	260.9	258.6	1978	.3	.1	.5	.7	.9	.2	.1	.2	.1	.1	.3	.3	.2
1979	258.8	257.8	256.9	260.2	262.8	260.6	261.1	259.1	261.2	259.3	256.2	256.5	253.9	1979	.4	.2	.4	.3	.5	.5	.4	.5	.5	.7	.3	.5	.2
1980	247.7	251.4	249.5	248.7	249.7	245.0	247.7	242.4	244.0	247.5	246.4	250.1	249.7	1980	.5	.5	.7	.4	.6	.5	.5	.4	.7	.6	.5	.6	.5
1981		250.7	249.9	252.9										1981		.9	.6	.2									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	6.4	6.1	6.1	6.4	6.4	6.3	6.6	6.5	6.7	7.2	7.2	7.2	4.4	1977	1.6	1.4	1.3	1.5	1.6	1.5	1.0	1.5	2.6	2.2	1.6	1.2	1.5
1978	7.7	5.2	5.4	5.2	8.1	8.4	8.4	8.4	8.4	8.5	8.5	8.7	8.7	1978	1.7	2.7	1.3	1.6	1.5	1.7	1.2	1.5	2.6	2.0	1.5	1.4	1.3
1979	9.3	8.9	9.0	9.0	9.1	9.1	9.3	9.3	9.5	9.3	9.6	9.6	9.4	1979	2.1	2.6	2.1	1.8	1.8	2.1	1.9	1.5	2.4	2.3	2.7	1.4	3.2
1980	10.5	9.6	10.0	10.1	10.3	10.6	10.7	10.5	10.8	10.8	10.9	10.9	11.1	1980	2.1	2.5	2.6	1.7	1.4	3.3	2.4	2.1	3.0	2.8	1.7	1.2	1.2
1981		11.3	11.3	11.6										1981		1.4	1.3	1.2									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	192.0	197.2	194.5	202.7	203.9	201.7	208.5	194.7	184.2	214.9	214.2	216.5	70.6	1977	.8	.6	.6	.7	.8	.8	.6	.7	1.2	1.6	1.0	.6	.3
1978	172.8	56.6	54.5	62.0	202.5	206.8	211.4	212.2	209.6	210.0	213.0	218.2	216.6	1978	.7	.3	.4	.7	.9	.8	.4	.6	1.1	1.1	.8	.6	.4
1979	215.6	216.1	214.8	216.8	219.5	216.9	217.4	215.4	218.0	216.6	212.5	212.9	210.7	1979	.6	.6	.5	.6	.7	.6	.6	.5	1.0	.8	.7	.8	.4
1980	205.0	208.9	207.3	206.4	207.8	202.3	204.3	200.4	200.9	204.7	203.3	207.0	206.2	1980	.5	.6	.5	.4	.5	.5	.5	.4	.8	.7	.6	.4	.4
1981		206.5	206.4	208.6										1981		.5	.5	.4									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	345.68	321.17	325.22	337.79	336.57	335.78	346.90	365.29	344.86	366.27	369.60	373.09	267.20	1977	.3	.1	.1	.4	.2	.3	.1	.4	.8	(¹)	.2	.1	.8
1978	386.11	275.26	297.92	301.40	385.11	387.30	389.75	388.73	387.20	393.41	397.13	416.94	401.14	1978	.4	.3	.5	.4	.2	.4	.4	.4	.7	.3	.1	.5	.5
1979	418.40	406.81	398.93	412.34	427.81	426.62	427.41	393.58	414.80	423.10	427.87	431.59	430.56	1979	1.0	1.3	1.1	.8	.6	1.1	.7	.6	.8	.9	1.6	.3	2.3
1980	435.49	437.84	427.87	427.92	434.19	427.36	442.09	390.20	436.40	444.57	445.38	451.85	456.96	1980	1.2	1.1	1.5	.8	.5	2.3	1.4	1.2	1.7	1.8	.7	.5	.6
1981		456.85	461.25	417.24										1981		.3	.3	.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 12—BITUMINOUS COAL AND LIGNITE MINING													
1977 ^a	8.24	8.09	8.09	8.12	8.11	8.15	8.24	(¹)	8.29	8.42	8.40	8.46	8.00	ALL EMPLOYEES—IN THOUSANDS													
1978 ^a	9.49	7.82	7.84	7.89	9.37	9.31	9.46	(¹)	9.68	9.86	9.83	9.88	9.76	1977	221.9	228.1	225.2	234.1	235.4	233.1	239.7	224.6	214.7	246.9	246.6	249.0	85.2
1979 ^a	10.26	9.85	9.85	9.96	10.46	10.38	10.45	(¹)	10.37	10.37	10.31	10.45	10.35	1978	206.5	74.2	73.0	79.9	241.3	245.3	250.4	250.9	248.6	249.1	252.2	257.8	255.4
1980 ^a	10.86	10.40	10.36	10.54	11.02	10.93	10.97	(¹)	10.91	10.95	10.97	11.24	11.20	1979	255.6	254.7	253.8	257.1	259.7	257.4	257.9	255.9	257.9	256.0	252.9	253.1	250.6
1981		11.17	11.25	11.40										1980	244.3	248.1	246.1	245.4	246.3	241.7	244.3	239.1	240.5	244.1	243.0	246.6	246.2
														1981		247.3	246.4	249.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977 ^a	41.7	39.7	40.2	41.6	41.5	41.2	42.1	(¹)	41.6	43.5	44.0	44.1	33.4	1977	189.0	194.3	191.6	199.8	201.0	198.7	205.4	191.6	181.2	211.9	211.2	213.6	67.7
1978 ^a	40.6	35.2	38.0	38.2	41.1	41.6	41.2	(¹)	40.0	39.9	40.4	42.2	41.1	1978	170.1	53.8	51.7	59.4	199.8	204.2	208.7	209.6	206.9	207.2	210.3	215.4	213.8
1979 ^a	41.0	41.3	40.5	41.4	40.9	41.1	40.9	(¹)	40.0	40.8	41.5	41.3	41.6	1979	212.7	213.3	212.0	214.0	216.7	214.0	214.5	212.5	215.0	213.6	209.5	209.9	207.7
1980 ^a	40.5	42.1	41.3	40.6	39.4	39.1	40.3	(¹)	40.0	40.6	40.6	40.2	40.8	1980	201.9	205.9	204.3	203.4	204.8	199.3	201.3	197.5	197.8	201.6	200.2	203.9	203.1
1981		40.9	41.0	36.6										1981		203.4	203.3	205.6									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.1	1.9	4.4	1.7	2.8	2.4	2.1	1.2	1.5	1.9	2.1	1.4	.3	1977	346.51	322.36	325.61	339.04	337.81	337.02	347.75	366.17	345.70	367.14	370.48	373.97	266.46
1978	1.9	.9	1.1	2.2	3.9	2.7	1.9	1.5	1.8	1.7	1.8	1.6	1.0	1978	387.73	276.59	299.41	302.10	386.34	388.13	390.99	390.91	389.37	394.61	398.34	418.20	403.35
1979	1.7	1.9	1.5	1.7	1.8	1.8	1.9	1.5	1.8	2.0	1.4	1.5	1.3	1979	419.62	408.04	401.13	413.59	429.04	427.85	429.68	394.69	416.00	424.32	429.11	432.82	431.81
1980	1.6	2.0	1.7	1.4	1.7	1.6	1.5	1.1	1.6	1.8	1.5	1.4	1.2	1980	437.09	439.10	428.69	429.14	435.76	428.93	442.20	391.63	438.00	446.19	446.60	453.05	458.18
1981		2.0	1.6	.8										1981		458.08	464.02	418.70									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.3	1.4	1.1	1.2	1.4	1.9	1.6	1.0	1.2	1.3	1.5	1.1	.2	1977 ^a	8.26	8.12	8.12	8.15	8.14	8.18	8.26	(¹)	8.31	8.44	8.42	8.48	8.05
1978	1.3	.3	.2	.6	2.2	2.3	1.6	1.2	1.1	1.3	1.1	.9	.6	1978 ^a	9.53	7.88	7.90	7.95	9.40	9.33	9.49	(¹)	9.71	9.89	9.86	9.91	9.79
1979	1.0	1.3	.9	1.1	1.1	1.1	1.2	.8	1.0	1.0	.8	.8	.5	1979 ^a	10.29	9.88	9.88	9.99	10.49	10.41	10.48	(¹)	10.40	10.40	10.34	10.48	10.38
1980	.7	.7	.8	.7	.9	.9	.8	.5	.7	.9	.8	.6	.6	1980 ^a	10.89	10.43	10.38	10.57	11.06	10.97	11.00	(¹)	10.95	10.99	11.00	11.27	11.23
1981		.9	.9	.4										1981		11.20	11.29	11.44									

See footnotes at end of tables.

SIC 12

MINING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 12—BITUMINOUS COAL AND LIGNITE MINING (Con.)														SIC 13—OIL AND GAS EXTRACTION (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977 ^a	41.7	39.7	40.1	41.6	41.5	41.2	42.1	(^b)	41.6	43.5	44.0	44.1	33.1	1977	45.5	42.8	42.8	43.0	43.1	43.9	45.6	46.5	47.2	47.0	47.3	48.3	48.6
1978 ^a	40.6	35.1	37.9	38.0	41.1	41.6	41.2	(^b)	40.1	39.9	40.4	42.2	41.2	1978	53.9	49.6	50.2	50.4	51.2	51.9	54.1	55.3	56.0	56.2	56.6	57.2	57.7
1979 ^a	41.0	41.3	40.6	41.4	40.9	41.1	41.0	(^b)	40.0	40.8	41.5	41.3	41.6	1979	63.9	58.1	59.0	60.6	61.5	62.5	64.9	66.4	67.4	65.6	66.0	67.2	67.5
1980 ^a	40.5	42.1	41.3	40.6	39.4	39.1	40.2	(^b)	40.0	40.6	40.6	40.2	40.8	1980	75.2	67.4	69.1	70.5	71.4	72.8	75.5	77.6	78.6	78.6	79.1	80.3	81.4
1981		40.9	41.1	36.6										1981		82.7	85.4	87.4									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.1	1.9	4.4	1.7	2.8	2.4	2.1	1.2	1.5	1.9	2.1	1.4	.3	1977	266.5	249.1	249.7	252.6	255.3	260.3	272.6	274.3	276.4	275.5	275.7	277.5	279.2
1978	1.9	.9	1.0	2.2	3.9	2.7	1.9	1.5	1.8	1.7	1.8	1.6	1.0	1978	299.1	281.3	281.9	288.0	289.6	294.7	305.2	307.1	309.9	306.6	306.5	308.7	310.0
1979	1.7	1.9	1.5	1.7	1.8	1.8	1.9	1.5	1.8	2.0	1.4	1.5	1.3	1979	327.3	312.5	315.2	314.0	310.6	318.2	328.6	333.0	337.3	335.8	338.9	340.0	343.4
1980	1.5	2.0	1.7	1.4	1.7	1.6	1.5	1.1	1.6	1.8	1.5	1.4	1.2	1980	383.3	348.8	351.8	355.1	361.2	376.9	392.8	395.8	400.3	397.9	402.6	405.4	410.9
1981		2.0	1.6	.8										1981		419.6	422.6	428.1									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.3	1.4	1.1	1.2	1.4	1.9	1.6	1.0	1.2	1.3	1.5	1.1	.2	1977	284.74	271.12	277.68	276.88	281.43	280.72	284.03	284.55	285.19	290.50	294.45	293.40	295.65
1978	1.3	.3	.2	.6	2.2	2.3	1.6	1.2	1.1	1.3	1.1	.9	.6	1978	315.45	300.12	303.94	308.26	314.64	310.26	313.69	315.32	315.70	325.78	327.67	323.28	327.88
1979	1.0	1.3	.9	1.1	1.1	1.1	1.2	.8	1.0	1.0	.8	.8	.5	1979	342.77	325.26	331.94	331.88	335.48	331.14	339.46	338.24	344.06	350.88	352.56	361.84	366.73
1980	.7	.7	.8	.7	.9	.9	.8	.5	.7	.9	.8	.6	.6	1980	389.53	370.35	374.33	379.09	377.10	377.16	386.86	388.57	389.99	396.38	402.65	404.93	415.77
1981		.9	.9	.4										1981		423.62	414.25	422.59									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.3	.2	.9	.2	1.2	.2	.3	.1	.1	.3	.3	.1	(^b)	1977	6.37	6.19	6.24	6.25	6.31	6.28	6.34	6.38	6.38	6.47	6.50	6.52	6.57
1978	.3	.1	.4	.6	.9	.2	.1	.1	.1	.1	.3	.3	.2	1978	7.01	6.79	6.83	6.82	6.90	6.91	6.94	7.07	7.00	7.16	7.17	7.20	7.27
1979	.4	.2	.4	.3	.5	.5	.4	.5	.5	.7	.3	.5	.2	1979	7.72	7.46	7.51	7.56	7.73	7.63	7.68	7.74	7.68	7.78	7.80	7.97	8.06
1980	.5	.5	.7	.4	.6	.5	.5	.4	.7	.6	.5	.6	.5	1980	8.58	8.23	8.30	8.35	8.38	8.40	8.54	8.54	8.59	8.75	8.83	8.88	8.98
1981		.9	.6	.2										1981		9.29	9.33	9.37									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.6	1.3	1.2	1.5	1.6	1.5	1.0	1.5	2.6	2.2	1.6	1.2	1.5	1977	44.7	43.8	44.5	44.3	44.6	44.7	44.8	44.6	44.7	44.9	45.3	45.0	45.0
1978	1.6	2.8	1.0	1.6	1.5	1.7	1.2	1.5	2.6	2.0	1.5	1.4	1.3	1978	45.0	44.2	44.5	45.2	45.6	44.9	45.2	44.6	45.1	45.5	45.7	44.9	45.1
1979	2.1	2.6	2.1	1.8	1.8	2.1	1.9	1.5	2.4	2.3	2.7	1.4	3.2	1979	44.4	43.6	44.2	43.9	43.4	43.4	44.2	43.7	44.8	45.1	45.2	45.4	45.5
1980	2.2	2.5	2.6	1.7	1.4	3.3	2.4	2.1	3.0	2.8	1.7	1.2	1.2	1980	45.4	45.0	45.1	45.4	45.0	44.9	45.3	45.5	45.4	45.3	45.6	45.6	46.3
1981		1.4	1.3	1.2										1981		45.6	44.4	45.1									
QUITS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.8	.6	.6	.7	.8	.8	.6	.7	1.2	1.6	1.0	.6	.3	1977	5.4	4.8	4.6	5.2	5.5	6.4	6.8	6.3	5.4	5.2	5.4	4.3	4.6
1978	.7	.3	.4	.7	.9	.8	.4	.6	1.1	1.1	.8	.6	.4	1978	6.6	5.5	5.0	5.9	6.6	7.8	8.4	6.6	8.1	7.4	7.0	5.8	5.4
1979	.7	.6	.5	.6	.7	.6	.6	.5	1.0	.8	.7	.8	.4	1979	7.1	7.1	6.4	7.1	5.9	7.7	7.9	7.4	8.7	7.3	7.2	6.7	6.0
1980	.5	.6	.5	.4	.5	.5	.5	.4	.8	.7	.6	.4	.4	1980	7.3	8.4	7.4	7.4	7.3	7.7	9.4	7.3	7.3	7.0	7.0	5.9	5.9
1981		.5	.5	.4										1981		7.7	6.7	7.5									
LAYOFFS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES													
1977	.2	.1	(^b)	.4	.2	.3	.1	.4	.8	(^b)	.2	.1	.8	1977	4.4	3.9	3.7	4.2	4.3	5.5	5.6	5.0	4.6	4.4	4.7	3.6	3.7
1978	.4	.3	.2	.4	.2	.4	.4	.4	.7	.3	.1	.5	.5	1978	5.3	4.5	4.4	5.0	5.1	6.1	6.8	5.1	6.5	6.0	5.8	4.5	4.3
1979	1.0	1.3	1.1	.8	.6	1.1	.7	.6	.8	.9	1.6	.3	2.3	1979	5.6	5.7	4.9	5.4	4.6	6.1	6.4	5.6	6.5	5.9	6.0	5.6	4.8
1980	1.2	1.1	1.5	.8	.5	2.3	1.4	1.2	1.7	1.8	.7	.5	.6	1980	6.1	7.0	5.9	6.4	6.1	6.5	7.9	6.1	6.0	6.2	5.7	4.9	5.1
1981		.3	.3	.4										1981		6.2	5.7	6.5									
RECALLS PER 100 EMPLOYEES														ALL EMPLOYEES—IN THOUSANDS													
1977	.5	.5	.6	.6	.7	.5	.5	.5	.4	.6	.6	.6	.4	1977	381.4	356.9	358.8	361.3	366.1	373.3	388.2	391.6	394.7	393.5	394.5	397.9	400.5
1978	.6	.4	.3	.4	.6	.7	.6	.6	.7	.7	.9	.9	.9	1978	429.3	404.1	405.5	413.2	414.8	420.7	436.3	441.1	445.4	440.7	440.8	443.6	445.2
1979	.9	.8	.9	1.0	.9	.8	.9	.9	.9	.9	.9	.9	.9	1979	474.2	448.1	452.4	453.6	452.3	461.6	477.0	483.6	489.5	487.5	492.0	493.7	499.0
1980	.7	.9	.9	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	1980	552.0	504.0	511.3	517.1	524.1	541.1	561.0	567.7	574.2	571.7	577.5	583.2	590.5
1981														1981		602.1	607.6	615.1									

See footnotes at end of tables.

MINING

SIC 138

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 13—OIL AND GAS EXTRACTION (Con.)														SIC 131,2—CRUDE PETROLEUM, NATURAL GAS, AND GAS LIQUIDS													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.7	4.6	4.1	4.6	4.5	4.8	5.3	4.6	5.9	5.2	4.4	4.5	4.1	1977	41.3	42.2	41.0	40.4	41.5	41.1	41.1	41.2	40.8	41.6	41.2	41.1	41.8
1978	5.7	5.5	4.8	4.8	5.0	5.8	5.9	5.3	8.5	6.7	6.2	4.9	5.0	1978	41.5	42.1	42.1	41.0	42.0	40.9	41.2	41.9	40.8	42.0	41.4	41.5	41.5
1979	6.0	6.2	5.6	5.8	5.2	5.2	5.4	6.5	7.8	6.8	6.1	6.0	5.1	1979	41.4	42.4	41.7	40.5	42.0	41.2	41.7	41.1	41.2	41.9	40.6	41.9	41.2
1980	5.9	6.6	5.9	7.0	5.8	5.8	5.9	4.7	7.4	6.1	5.8	4.6	5.0	1980	41.1	41.1	40.7	41.1	41.5	40.5	40.8	41.1	40.9	41.2	41.3	41.5	41.6
1981		6.1	6.0	6.3										1981		41.8	41.1	41.2									
QUITS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	3.4	2.9	2.7	3.2	3.2	3.7	4.1	3.4	4.3	3.8	3.0	3.2	3.0	1977	2.0	1.5	1.7	1.6	1.6	2.9	3.7	2.1	1.9	2.0	1.8	1.6	1.6
1978	4.2	3.8	3.3	3.6	3.5	4.2	4.4	3.9	6.4	5.1	4.6	3.6	3.6	1978	2.3	1.7	1.8	2.2	2.0	3.3	3.7	2.4	2.2	2.1	1.9	2.1	2.0
1979	4.3	4.4	3.9	3.7	3.6	3.5	4.1	4.5	5.5	4.8	4.6	4.7	4.0	1979	2.5	2.4	2.0	2.3	2.3	4.1	4.0	2.6	2.1	2.6	2.4	1.8	2.0
1980	4.4	4.8	4.4	5.4	4.1	4.1	4.4	3.4	6.0	4.7	4.4	3.5	3.7	1980	2.6	2.7	2.3	1.7	2.1	3.4	4.3	3.2	2.3	2.5	2.4	1.9	2.1
1981		4.5	4.5	4.4										1981		2.8	2.2	2.5									
LAYOFFS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES													
1977	.3	.6	.3	.4	.4	.3	.4	.3	.4	.3	.2	.4	.4	1977	1.5	1.2	1.2	1.2	1.1	2.3	3.0	1.5	1.4	1.4	1.4	1.2	1.1
1978	.3	.4	.4	.2	.4	.4	.3	.2	.4	.4	.4	.3	.4	1978	1.6	1.2	1.4	1.7	1.3	2.5	3.0	1.7	1.6	1.4	1.3	1.3	1.2
1979	.5	.4	.7	.5	.7	.6	.4	.8	.5	.3	.4	.5	.2	1979	1.9	1.8	1.3	1.5	1.7	3.2	3.2	2.0	1.6	1.9	1.9	1.4	1.5
1980	.2	.2	.3	.3	.4	.2	.2	.1	.2	.2	.3	.3	.2	1980	2.1	1.9	1.9	1.4	1.6	2.9	4.0	2.4	1.6	2.0	1.9	1.5	1.7
1981		.3	.3	.4										1981		2.1	1.8	2.1									
SIC 131,2—CRUDE PETROLEUM, NATURAL GAS, AND GAS LIQUIDS														RECALLS PER 100 EMPLOYEES													
1977	170.1	162.3	162.5	163.5	164.9	167.0	172.3	175.4	176.1	173.3	173.6	174.7	175.3	1977	.2	.1	.3	.2	.3	.2	.2	.3	.2	.2	.1	.2	.3
1978	182.5	175.7	176.4	177.7	178.1	178.6	186.1	188.1	188.7	185.0	184.7	185.5	185.9	1978	.4	.2	.2	.2	.5	.4	.3	.5	.3	.4	.3	.6	.6
1979	198.2	187.1	189.1	190.0	191.4	193.7	201.6	204.6	205.7	202.0	202.8	204.5	206.2	1979	.4	.4	.5	.5	.4	.6	.4	.3	.3	.4	.3	.3	.4
1980	223.5	207.6	208.9	211.2	214.6	218.7	227.0	231.9	233.6	229.8	231.5	232.8	234.9	1980	.2	.4	.3	.1	(5)	.2	.1	.4	.3	.3	.2	.2	.2
1981		236.9	240.0	242.2										1981		.2	.2	.2									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	30.2	28.5	28.6	28.6	29.0	29.5	30.4	31.1	31.4	31.0	31.2	31.7	31.8	1977	1.7	1.7	1.2	1.4	1.4	1.3	1.6	1.6	3.3	3.1	1.4	1.3	1.3
1978	34.9	32.2	32.7	33.1	33.5	33.9	35.4	36.1	36.3	36.0	36.2	36.5	36.8	1978	1.9	1.9	1.6	1.7	1.5	1.5	1.6	1.7	3.9	3.3	1.5	1.2	1.3
1979	40.8	37.0	37.5	38.0	38.8	39.6	41.5	42.7	43.0	42.0	42.6	43.0	43.6	1979	1.8	1.7	1.4	1.6	1.7	1.5	1.4	1.6	3.8	2.5	1.6	1.3	1.4
1980	48.9	43.5	44.5	45.5	46.5	47.3	49.5	50.9	51.3	51.0	51.7	52.3	53.1	1980	1.7	1.9	1.8	1.3	1.5	1.3	1.4	1.6	2.7	2.6	1.8	1.4	1.4
1981		53.9	55.2	56.3										1981		2.2	1.8	1.6									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	86.8	83.5	82.8	83.8	84.0	84.7	88.3	90.2	90.3	88.4	88.5	88.6	88.2	1977	1.0	.8	.7	.8	.8	.8	1.0	.9	2.1	1.8	.8	.7	.8
1978	90.1	88.4	88.4	88.9	88.7	89.0	93.2	92.9	92.8	89.9	89.2	89.8	90.2	1978	1.1	.9	.8	.9	.8	.8	.9	1.1	2.2	2.1	.9	.7	.7
1979	94.2	91.7	92.4	92.0	91.7	92.2	96.0	96.9	96.9	94.3	94.7	95.3	96.2	1979	1.0	.8	.7	.8	.9	.9	.9	1.0	2.2	1.3	.8	.8	1.0
1980	102.9	97.1	95.5	96.0	99.4	102.4	107.2	109.1	108.3	104.7	104.6	104.6	105.4	1980	1.0	1.0	1.0	.7	.9	.8	.8	.8	1.8	1.7	.9	.9	.7
1981		105.4	105.6	106.4										1981		1.1	1.1	.9									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	295.71	291.18	290.28	282.40	296.31	291.40	293.45	296.23	290.90	302.85	300.35	299.62	307.23	1977	.1	.1	(5)	.1	.1	.1	.1	.1	.2	.2	.3	.2	.2
1978	334.08	330.49	335.12	324.31	337.26	324.75	330.42	341.90	327.22	345.24	336.58	337.81	342.79	1978	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.1	.2
1979	363.49	359.55	363.21	353.57	371.28	358.44	360.71	360.04	356.38	372.49	358.50	375.42	375.74	1979	.2	.2	.2	.2	.2	.1	.1	.1	.2	.2	.2	.1	.1
1980	398.67	379.76	382.99	394.56	400.89	392.04	399.84	400.73	393.46	406.64	404.33	410.02	418.91	1980	.1	.1	.1	.1	(5)	.1	(5)	.1	.1	.1	.2	.1	.2
1981		439.74	440.59	441.25										1981		.3	.2	.1									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 138—OIL AND GAS FIELD SERVICES													
1977	7.16	6.90	7.08	6.99	7.14	7.09	7.14	7.19	7.13	7.28	7.29	7.29	7.35	1977	211.4	194.6	196.3	197.8	201.2	206.3	215.9	216.2	218.6	220.2	220.9	223.2	225.2
1978	8.05	7.85	7.96	7.91	8.03	7.94	8.02	8.16	8.02	8.22	8.13	8.14	8.26	1978	246.7	228.4	229.1	235.5	236.7	242.1	250.2	253.0	256.7	255.7	256.1	259.3	259.3
1979	8.78	8.48	8.71	8.73	8.84	8.70	8.65	8.76	8.65	8.89	8.83	8.96	9.12	1979	276.0	261.0	263.3	263.6	260.9	267.9	275.4	279.0	283.8	285.5	289.2	289.2	292.8
1980	9.70	9.24	9.41	9.60	9.66	9.68	9.80	9.75	9.62	9.87	9.79	9.88	10.07	1980	328.4	296.4	302.4	305.9	309.5	322.4	334.0	335.8	340.6	341.9	346.0	350.4	355.6
1981		10.52	10.72	10.71										1981		365.2	367.6	372.9									

See footnotes at end of tables.

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MINING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 138—OIL AND GAS FIELD SERVICES (Con.)														SIC 138—OIL AND GAS FIELD SERVICES (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	15.3	14.3	14.2	14.4	14.1	14.4	15.2	15.4	15.8	16.0	16.1	16.6	16.8	1977	7.1	7.1	6.5	7.3	7.0	7.6	8.2	7.1	7.9	6.8	6.7	7.0	6.3
1978	19.0	17.4	17.5	17.3	17.7	18.0	18.7	19.2	19.7	20.2	20.4	20.7	20.9	1978	8.5	8.2	7.2	7.1	7.7	9.0	9.1	8.0	11.8	9.2	9.6	7.6	7.6
1979	23.1	21.1	21.5	22.6	22.7	22.9	23.4	23.7	24.4	23.6	23.4	24.2	23.9	1979	9.0	9.4	8.7	8.8	7.8	7.9	8.4	10.1	10.7	9.8	9.2	9.3	7.7
1980	26.3	23.9	24.6	25.0	24.9	25.5	26.0	26.7	27.3	27.6	27.4	28.0	28.3	1980	8.7	9.8	8.8	10.9	8.7	8.8	8.9	6.9	10.7	8.4	8.5	6.7	7.4
1981		28.8	30.2	31.1										1981		8.6	8.7	9.3									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	179.7	165.6	166.9	168.8	171.3	175.6	184.3	184.1	186.1	187.1	187.2	188.9	191.0	1977	5.3	4.6	4.4	5.2	5.1	6.0	6.5	5.5	6.0	5.3	4.8	5.2	4.7
1978	209.0	192.9	193.5	199.1	200.9	205.7	212.0	214.2	217.1	216.7	217.3	218.9	219.8	1978	6.5	6.0	5.3	5.6	5.5	6.6	7.0	5.9	9.4	7.3	7.3	5.7	5.6
1979	233.1	220.8	222.8	222.0	218.9	226.0	232.6	236.1	240.4	241.5	244.2	244.7	247.2	1979	6.6	6.9	6.2	5.8	5.5	5.3	6.4	7.0	7.9	7.3	7.2	7.4	6.1
1980	280.4	251.7	256.3	259.1	261.8	274.5	285.6	286.7	292.0	293.2	298.0	300.8	305.5	1980	6.7	7.5	6.8	8.7	6.4	6.4	6.9	5.2	8.8	6.7	6.7	5.2	5.7
1981		314.2	317.0	321.7										1981		6.7	6.8	6.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	279.65	261.36	271.19	274.43	274.43	275.62	279.13	279.19	282.40	284.43	291.22	290.78	289.54	1977	.5	1.0	.5	.6	.7	.4	.6	.4	.6	.3	.2	.4	.5
1978	308.03	286.12	290.20	300.80	304.44	303.83	305.79	303.45	311.14	317.04	323.74	317.16	321.54	1978	.5	.5	.6	.2	.6	.5	.4	.2	.5	.4	.5	.5	.6
1979	334.70	311.35	319.37	322.54	320.32	320.29	330.86	328.55	338.65	342.62	350.15	356.32	363.44	1979	.7	.6	1.0	.7	1.1	.9	.6	1.3	.7	.3	.5	.7	.3
1980	385.52	366.42	370.80	373.18	368.88	371.07	382.11	383.39	388.22	392.65	402.23	402.79	414.34	1980	.3	.3	.4	.4	.6	.2	.4	.1	.3	.2	.4	.4	.2
1981		417.88	405.41	416.67										1981		.3	.4	.6									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 14—NONMETALLIC MINERALS, EXCEPT FUELS													
1977	6.04	5.86	5.87	5.94	5.94	5.94	5.99	6.03	6.06	6.13	6.17	6.20	6.24	ALL EMPLOYEES—IN THOUSANDS													
1978	6.61	6.33	6.35	6.40	6.45	6.52	6.52	6.64	6.62	6.76	6.83	6.85	6.90	1977	115.9	102.7	103.8	109.1	115.1	118.6	122.1	122.7	122.9	121.5	120.6	118.9	113.3
1979	7.34	7.06	7.05	7.12	7.28	7.23	7.32	7.35	7.33	7.40	7.45	7.63	7.70	1978	118.5	106.6	106.6	109.8	117.5	120.5	124.0	125.4	124.8	123.5	123.4	122.4	117.9
1980	8.22	7.88	7.94	7.94	7.95	7.98	8.13	8.14	8.26	8.39	8.54	8.57	8.65	1979	123.8	110.7	111.7	116.7	121.4	125.2	129.1	130.0	130.6	130.0	129.4	127.3	123.6
1981		8.91	8.91	8.98										1980	122.5	117.2	116.0	119.5	122.9	126.5	127.6	126.4	125.3	124.6	123.7	122.1	118.2
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1981		109.8	109.9	113.1									
1977	46.3	44.6	46.2	46.2	46.2	46.4	46.6	46.3	46.6	46.4	47.2	46.9	46.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	46.6	45.2	45.7	47.0	47.2	46.6	46.9	45.7	47.0	46.9	47.4	46.3	46.6	1977	7.3	6.7	6.8	6.9	7.2	7.3	7.7	7.7	7.7	7.6	7.5	7.6	7.4
1979	45.6	44.1	45.3	45.3	44.0	44.3	45.2	44.7	46.2	46.3	47.0	46.7	47.2	1978	7.8	7.2	7.1	7.3	7.7	7.7	8.0	8.2	8.2	8.0	8.1	8.1	8.2
1980	46.9	46.5	46.7	47.0	46.4	46.5	47.0	47.1	47.0	46.8	47.1	47.0	47.9	1979	9.0	8.0	7.9	8.2	8.5	8.9	9.0	9.4	9.5	9.6	9.6	9.6	9.4
1981		46.9	45.5	46.4										1980	9.5	9.2	9.2	9.3	9.5	9.6	9.7	9.6	9.8	9.6	9.5	9.7	9.5
ACCESSIONS PER 100 EMPLOYEES														1981		9.6	9.4	9.7									
1977	8.1	7.6	7.0	8.1	8.6	9.2	9.3	9.7	8.3	7.7	8.2	6.4	6.9	PRODUCTION WORKERS—IN THOUSANDS													
1978	9.9	8.5	7.5	8.7	10.1	11.1	11.9	9.7	12.4	11.2	10.6	8.4	7.9	1977	91.7	79.3	80.4	85.4	91.4	94.3	97.7	98.1	98.1	97.0	95.7	94.1	89.4
1979	10.4	10.5	9.6	10.5	8.6	10.3	10.8	10.9	13.5	10.7	10.5	10.2	8.9	1978	94.1	83.2	82.5	85.9	92.9	96.0	99.1	100.3	99.9	99.2	98.8	97.7	93.5
1980	10.6	12.4	10.9	11.3	11.0	10.7	12.9	10.2	10.8	10.1	10.1	8.6	8.5	1979	98.3	86.6	87.3	92.4	96.9	100.0	103.0	103.5	104.2	103.7	103.2	101.3	97.4
1981		10.8	9.7	10.8										1980	95.7	90.8	90.3	93.4	96.0	99.2	100.1	99.7	98.2	97.6	96.6	95.1	91.4
NEW HIRES PER 100 EMPLOYEES														1981		82.9	82.8	86.0									
1977	6.8	6.2	5.7	6.6	6.9	8.0	7.7	7.8	7.1	6.8	7.2	5.5	5.8	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	8.1	7.1	6.7	7.4	7.9	8.7	9.6	7.7	10.0	9.3	9.1	6.7	6.6	1977	259.13	224.62	239.21	240.35	252.90	258.78	267.14	268.26	267.27	271.35	272.85	269.70	262.04
1979	8.3	8.5	7.4	8.3	6.8	8.3	8.7	8.2	10.1	8.8	8.9	8.6	7.1	1978	283.58	234.78	252.60	263.51	276.30	279.28	293.42	296.03	299.46	299.38	302.88	299.79	293.04
1980	8.9	10.5	8.6	9.8	9.2	9.0	10.5	8.6	9.0	9.0	8.2	7.2	7.4	1979	310.50	272.24	282.48	294.59	302.62	310.52	319.47	316.68	320.84	322.85	324.22	319.95	323.18
1981		8.9	8.2	9.3										1980	327.87	300.48	305.15	314.79	318.42	321.47	324.95	328.74	334.74	342.88	345.20	347.16	347.25
RECALLS PER 100 EMPLOYEES														1981		342.93	332.50	342.40									
1977	.7	.9	.9	.9	1.0	.7	.7	.7	.5	.4	.5	.5	.4	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.7	.6	.4	.6	.7	.9	.8	.7	1.0	.8	1.0	.8	.6	1977	5.81	5.56	5.55	5.50	5.62	5.70	5.82	5.87	5.90	5.99	6.01	6.02	6.01
1979	1.3	1.1	1.2	1.3	1.2	1.3	1.6	1.3	1.5	1.5	1.1	1.3	1.3	1978	6.33	6.02	6.00	6.03	6.14	6.22	6.31	6.38	6.44	6.48	6.57	6.56	6.60
1980	1.0	1.3	1.4	.9	1.1	1.3	1.1	.7	1.3	.6	1.1	.9	.8	1979	6.90	6.56	6.60	6.62	6.77	6.78	6.90	6.96	6.99	7.08	7.11	7.11	7.15
1981		1.0	1.1	1.0										1980	7.52	7.07	7.18	7.22	7.32	7.39	7.47	7.54	7.66	7.74	7.81	7.89	7.91
														1981		8.05	8.09	8.00									

See footnotes at end of tables.

MINING

SIC 142

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 14—NONMETALLIC MINERALS, EXCEPT FUELS (Con.)														SIC 142—CRUSHED AND BROKEN STONE (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	44.6	40.4	43.1	43.7	45.0	45.4	45.9	45.7	45.3	45.3	45.4	44.8	43.6	1977	2.2	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1978	44.8	39.0	42.1	43.7	45.0	44.9	46.5	46.4	46.5	46.2	46.1	45.7	44.4	1978	2.4	2.2	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.5	2.5	2.5	2.5
1979	45.0	41.5	42.8	44.5	44.7	45.8	46.3	45.5	45.9	45.6	45.6	45.0	45.2	1979	2.7	2.4	2.4	2.5	2.6	2.7	2.7	2.8	2.8	2.7	2.8	2.8	2.7
1980	43.6	42.5	42.5	43.6	43.5	43.5	43.5	43.6	43.7	44.3	44.2	44.0	43.9	1980	2.6	2.6	2.5	2.6	2.7	2.7	2.7	2.8	2.7	2.7	2.6	2.6	2.4
1981		42.6	41.1	42.8										1981		2.5	2.5	2.6									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.9	3.0	4.8	7.1	6.0	5.1	4.9	3.6	3.3	2.7	2.7	2.3	2.1	1977	32.6	26.4	27.1	29.5	33.1	34.5	35.7	35.8	35.3	34.7	34.5	33.4	30.8
1978	4.0	2.6	3.0	6.2	6.5	5.1	4.8	4.0	4.0	3.9	3.2	2.5	1.9	1978	32.8	27.9	27.2	28.6	32.3	33.9	35.2	35.7	35.7	35.3	35.0	34.5	32.5
1979	3.9	3.2	3.2	6.5	5.4	5.0	5.2	4.2	3.3	3.2	3.0	2.6	1.8	1979	34.5	29.3	30.0	32.5	34.4	36.0	36.8	36.5	36.5	36.2	36.3	35.5	33.5
1980	3.0	3.4	2.5	4.8	4.7	3.6	3.6	2.4	2.5	2.4	2.4	1.7	1.9	1980	32.7	30.8	30.2	31.9	33.6	34.4	34.8	34.5	33.8	33.3	32.8	32.1	30.2
1981		3.0	2.6	5.8										1981		26.1	26.0	27.1									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.5	1.8	1.8	2.3	3.1	3.5	3.8	2.8	2.8	2.3	2.4	1.8	1.3	1977	253.45	205.29	229.84	232.82	249.40	262.42	264.84	266.92	265.88	264.36	269.56	262.48	250.13
1978	2.9	1.6	1.7	2.7	3.4	3.5	3.9	3.6	3.7	3.7	2.8	2.0	1.3	1978	278.76	214.91	235.13	252.88	271.20	275.12	291.04	295.30	299.08	301.11	302.10	295.78	284.58
1979	2.8	2.1	2.0	3.4	3.3	3.9	4.4	3.5	3.0	2.6	2.6	1.7	1.3	1979	304.52	255.85	266.25	291.92	289.01	306.54	313.22	316.24	323.61	322.38	317.09	311.20	318.45
1980	1.8	1.9	1.5	2.3	2.2	1.9	2.3	1.8	1.8	1.8	1.8	1.3	1.2	1980	317.46	294.81	298.41	305.06	314.75	312.49	317.90	321.33	325.02	324.72	328.41	331.52	334.80
1981		1.2	1.2	1.8										1981		322.15	302.88	328.75									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.2	.7	2.7	4.3	2.6	1.5	.8	.7	.4	.3	.2	.3	.6	1977	5.67	5.36	5.37	5.34	5.53	5.68	5.72	5.79	5.78	5.81	5.86	5.82	5.75
1978	1.0	.9	1.2	3.5	3.1	1.4	.7	.4	.2	.2	.3	.3	.4	1978	6.14	5.84	5.82	5.80	6.00	6.06	6.14	6.23	6.27	6.26	6.32	6.32	6.31
1979	.9	1.0	1.1	2.9	2.0	1.1	.7	.4	.3	.3	.2	.5	.5	1979	6.62	6.21	6.25	6.36	6.48	6.55	6.65	6.70	6.77	6.83	6.79	6.78	6.79
1980	1.0	1.2	.9	2.4	2.3	1.6	1.1	.6	.6	.5	.5	.4	.4	1980	7.15	6.67	6.86	6.84	7.01	7.07	7.16	7.27	7.37	7.33	7.38	7.40	7.44
1981		1.6	1.3	3.8										1981		7.58	7.61	7.61									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.7	9.8	3.1	2.4	2.5	2.5	2.4	2.8	4.1	3.4	3.0	3.1	6.6	1977	44.7	38.3	42.8	43.6	45.1	46.2	46.3	46.1	46.0	45.5	46.0	45.1	43.5
1978	3.7	5.4	3.4	2.7	2.5	2.6	2.6	3.2	4.2	4.0	3.0	4.5	6.1	1978	45.4	36.8	40.4	43.6	45.2	45.4	47.4	47.4	47.7	48.1	47.8	46.8	45.1
1979	3.6	5.3	2.9	2.6	2.8	2.9	3.0	2.8	3.7	3.1	3.9	4.8	5.5	1979	46.0	41.2	42.6	45.9	44.6	46.8	47.1	47.2	47.8	47.2	46.7	45.9	46.9
1980	3.8	4.9	3.6	2.8	2.8	2.9	2.9	3.2	4.2	2.8	3.4	5.3	6.6	1980	44.4	44.2	43.5	44.6	44.9	44.2	44.4	44.2	44.1	44.3	44.5	44.8	45.0
1981		5.2	3.1	2.4										1981		42.5	39.8	43.2									
QUITS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.6	1.2	1.0	1.3	1.5	1.7	1.6	1.6	2.8	2.2	1.6	1.2	1.2	1977	4.5	2.8	7.5	10.4	7.8	5.6	5.7	3.2	3.3	2.5	2.4	1.8	1.7
1978	1.8	1.3	1.3	1.6	1.7	1.7	1.7	2.2	2.9	2.6	1.8	1.6	1.3	1978	4.3	2.9	3.0	9.0	7.8	5.7	5.5	3.6	3.7	4.5	2.8	1.9	1.4
1979	1.8	1.4	1.6	1.8	1.9	1.8	2.0	1.8	2.6	2.2	1.7	1.3	1.1	1979	4.1	3.7	3.7	8.3	6.2	6.0	5.2	4.0	3.5	2.4	2.3	1.8	1.7
1980	1.3	1.3	1.4	1.3	1.3	1.1	1.2	1.6	1.8	1.6	1.4	1.0	.9	1980	3.1	3.4	2.4	5.6	5.5	3.9	3.9	2.3	2.7	1.9	2.2	1.5	1.5
1981		.9	.8	1.1										1981		3.9	3.0	9.4									
LAYOFFS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES													
1977	1.6	7.7	1.6	.5	.4	.2	.2	.6	.8	.6	.9	1.5	4.7	1977	2.4	1.5	1.6	2.3	3.3	3.9	4.0	2.5	2.6	2.1	2.0	1.4	.8
1978	1.2	3.6	1.7	.5	.3	.3	.3	.4	.5	.5	.6	2.2	4.3	1978	2.8	1.3	1.2	3.1	3.1	3.3	4.7	3.3	3.4	4.3	2.5	1.6	1.0
1979	1.1	3.3	.8	.2	.2	.3	.4	.4	.3	.3	1.2	2.9	3.6	1979	2.8	1.8	1.8	3.9	3.7	5.0	4.4	3.1	2.9	2.0	2.0	1.6	.8
1980	1.8	2.6	1.7	.9	.8	1.2	1.0	1.1	1.5	.6	1.3	3.7	5.2	1980	1.6	1.8	1.1	1.8	2.0	1.9	2.0	1.8	2.0	1.2	1.5	.9	.8
1981		3.7	1.9	.9										1981		.7	1.1	1.8									
SIC 142—CRUSHED AND BROKEN STONE														RECALLS PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS																											
1977	39.3	33.1	33.8	36.1	39.7	41.3	42.5	42.4	42.1	41.6	41.4	40.3	37.4	1977	1.8	1.1	4.9	6.7	3.9	1.5	1.3	.6	.6	.3	.2	.3	.8
1978	39.2	34.1	33.4	34.9	38.8	40.4	41.8	42.3	42.1	41.7	41.4	41.0	38.9	1978	1.4	1.5	1.7	5.7	4.6	2.2	.7	.2	.1	.2	.2	.2	.3
1979	41.1	35.7	36.4	39.1	41.0	42.6	43.5	43.3	43.4	43.0	42.9	42.3	40.4	1979	1.1	1.8	1.7	4.2	2.4	.8	.7	.6	.5	.3	.2	.2	.7
1980	39.4	37.6	36.7	38.5	40.6	41.5	42.1	40.8	40.1	39.8	39.3	38.6	36.6	1980	1.4	1.4	1.2	3.7	3.4	1.8	1.5	.5	.6	.5	.6	.6	.6
1981		32.5	32.5	33.7										1981		3.1	1.9	7.3									

See footnotes at end of tables.

SIC 142

MINING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 142—CRUSHED AND BROKEN STONE (Con.)														SIC 144—SAND AND GRAVEL (Con.)													
SEPARATIONS PER 100 EMPLOYEES														SEPARATIONS PER 100 EMPLOYEES													
1977	4.5	17.8	4.0	2.0	2.4	2.7	1.7	2.7	4.2	3.8	3.1	3.6	8.7	1977	4.7	11.2	3.6	3.0	3.1	2.7	3.4	4.0	4.8	3.8	3.6	4.1	10.4
1978	4.0	7.0	4.4	2.7	2.3	2.4	2.5	2.7	4.5	3.2	2.9	5.1	8.8	1978	4.6	8.3	3.8	3.1	3.0	3.6	2.8	3.2	4.5	5.3	4.3	6.3	7.9
1979	3.7	6.5	3.4	2.9	2.5	2.4	2.8	2.7	3.5	2.6	3.6	5.4	6.6	1979	4.9	7.8	3.3	2.6	3.3	4.0	4.0	3.6	4.7	3.5	5.8	7.2	8.9
1980	4.3	5.1	4.3	2.4	2.0	2.9	3.0	3.4	5.3	2.8	3.3	8.0	9.8	1980	5.2	7.6	4.1	3.9	4.4	4.5	4.0	3.8	5.1	3.4	5.2	6.9	9.6
1981		7.6	3.1	2.5										1981		7.4	5.4	3.1									
QUITS PER 100 EMPLOYEES														QUITS PER 100 EMPLOYEES													
1977	1.5	1.5	.9	1.2	1.4	1.4	1.3	1.3	2.4	2.2	1.6	1.1	1.5	1977	1.9	1.0	.9	1.7	1.8	2.2	2.2	2.3	3.4	2.3	1.9	1.2	1.2
1978	1.7	1.1	1.0	1.7	1.5	1.5	1.7	2.0	3.1	2.2	1.8	1.7	1.2	1978	2.1	1.6	1.4	1.9	2.1	2.2	1.7	2.2	2.9	3.1	2.3	1.6	1.6
1979	1.8	1.5	1.8	2.0	1.8	1.9	1.9	2.0	2.6	1.9	1.7	1.1	1.1	1979	2.0	1.3	1.7	1.9	2.3	2.0	2.6	2.0	3.2	2.3	1.9	1.3	1.2
1980	1.3	1.5	1.2	1.3	1.0	.9	1.1	2.4	2.1	1.4	1.0	.9	.8	1980	1.5	1.3	1.7	1.5	1.5	1.5	1.8	1.3	1.8	2.0	1.9	1.1	1.0
1981		.9	.5	1.2										1981		.8	.9	1.2									
LAYOFFS PER 100 EMPLOYEES														LAYOFFS PER 100 EMPLOYEES													
1977	2.4	15.7	2.6	.2	.5	.4	(*)	.9	1.2	.7	1.0	2.3	6.6	1977	2.1	9.1	2.3	.6	.7	.1	.4	1.0	.8	.8	1.2	2.2	8.3
1978	1.7	5.4	3.0	.5	.4	.3	.3	.1	.6	.5	.6	2.8	7.2	1978	1.8	5.9	1.8	.7	.4	.5	.4	.3	.8	.8	1.0	3.8	5.8
1979	1.4	4.3	1.0	.4	.1	.1	.3	.3	.3	.2	1.4	3.9	4.9	1979	1.9	5.7	1.4	.1	.2	.7	.8	.8	.6	.6	1.9	4.8	6.1
1980	2.3	2.9	2.6	.4	.7	1.4	1.0	.6	1.9	.8	1.5	6.6	8.5	1980	2.8	5.2	2.0	1.7	1.5	2.3	1.6	1.8	2.0	.9	2.4	4.8	8.1
1981		5.8	2.3	1.0										1981		6.1	4.1	1.3									
SIC 144—SAND AND GRAVEL														SIC 147—CHEMICAL AND FERTILIZER MINERALS													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	34.5	29.0	29.3	31.7	33.9	35.4	36.9	37.5	37.5	36.9	36.6	36.2	33.4	1977	23.4	23.0	23.2	23.2	22.9	23.0	23.4	23.5	23.7	23.7	23.8	23.7	23.8
1978	36.2	30.5	30.7	32.1	35.6	37.0	38.7	39.4	39.2	38.5	38.6	38.0	35.6	1978	23.9	23.8	24.0	23.8	23.6	23.5	23.7	23.9	23.7	23.9	24.1	24.2	24.3
1979	38.0	32.1	32.5	34.3	36.7	38.8	41.0	41.8	41.3	41.3	40.6	39.2	36.9	1979	25.0	24.0	24.2	24.4	24.4	24.4	24.9	25.1	25.7	25.6	25.5	25.9	26.0
1980	36.1	33.9	33.4	34.4	35.4	37.6	38.1	38.3	37.7	37.3	37.2	36.2	34.1	1980	26.6	26.0	26.2	26.3	26.4	26.7	26.7	26.9	26.8	26.8	26.7	26.9	27.0
1981		30.8	30.1	31.8										1981		26.9	27.1	27.0									
WOMEN EMPLOYEES—IN THOUSANDS																											
1977	2.2	1.9	2.0	2.0	2.1	2.2	2.4	2.4	2.4	2.3	2.3	2.4	2.2														
1978	2.4	2.1	2.1	2.1	2.4	2.4	2.6	2.6	2.6	2.5	2.5	2.5	2.5														
1979	2.9	2.5	2.4	2.6	2.8	2.9	3.0	3.1	3.1	3.2	3.2	3.2	3.0														
1980	3.1	3.0	3.0	3.0	3.1	3.2	3.2	3.1	3.2	3.2	3.1	3.2	3.2														
1981		3.1	2.9	3.1																							
ACCESSIONS PER 100 EMPLOYEES																											
1977	5.0	3.3	5.4	9.7	7.7	6.9	5.4	5.1	4.1	3.4	3.7	2.9	2.4														
1978	5.2	3.0	4.1	8.4	10.3	6.5	5.8	5.6	4.9	3.9	3.8	3.1	2.7														
1979	4.9	2.4	4.2	8.8	7.9	6.6	6.7	5.5	4.1	4.0	2.6	3.9	1.6														
1980	4.0	4.7	3.2	6.1	6.6	5.7	5.3	3.4	3.1	3.1	3.4	1.9	2.1														
1981		2.9	3.5	7.0																							
NEW HIRES PER 100 EMPLOYEES																											
1977	3.0	2.2	1.8	2.9	3.8	4.1	4.2	3.6	3.6	2.7	3.1	1.9	1.3														
1978	3.5	1.6	2.1	3.0	5.5	4.5	4.4	5.2	4.5	3.5	3.2	2.2	1.4														
1979	3.2	1.5	2.5	4.0	4.2	4.3	5.3	4.8	3.7	2.9	2.2	1.6	1.1														
1980	2.2	1.6	1.7	2.4	2.9	2.5	3.3	2.1	2.1	2.2	2.7	1.5	1.5														
1981		1.2	.9	2.0																							
RECALLS PER 100 EMPLOYEES																											
1977	1.8	1.1	3.6	6.7	3.8	2.7	1.0	1.4	.5	.6	.4	.4	.8														
1978	1.6	1.3	1.9	5.4	4.8	1.9	1.1	.4	.3	.3	.6	.7	.8														
1979	1.4	.8	1.6	4.7	3.6	2.3	1.2	.5	.3	.5	.2	1.1	.4														
1980	1.6	2.5	1.4	3.5	3.2	3.1	1.9	1.2	.9	.7	.6	.3	.4														
1981		1.5	2.3	4.8																							

See footnotes at end of tables.

CONSTRUCTION

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS														SIC 15—GENERAL BUILDING CONTRACTORS (Con.)													
1977	3,851	3,192	3,248	3,430	3,673	3,855	4,051	4,151	4,211	4,186	4,173	4,101	3,939	1977	107.2	98.4	98.6	96.7	99.7	102.4	108.1	110.8	112.3	114.1	114.3	114.4	116.6
1978	4,229	3,555	3,518	3,733	4,068	4,229	4,473	4,579	4,632	4,578	4,585	4,495	4,302	1978	121.9	118.1	118.3	119.9	121.1	121.9	125.2	125.4	124.7	123.3	122.8	121.2	120.9
1979	4,463	3,888	3,835	4,093	4,261	4,489	4,691	4,791	4,836	4,770	4,754	4,655	4,488	1979	128.5	121.3	122.0	121.5	123.8	125.7	129.1	132.9	133.4	132.9	132.2	133.5	133.6
1980	4,399	4,141	4,050	4,087	4,247	4,406	4,545	4,562	4,637	4,613	4,619	4,533	4,343	1980	134.2	130.5	129.5	131.3	132.5	132.0	134.7	133.3	136.7	135.9	137.1	138.5	138.9
1981		3,995	3,901	4,048										1981		137.6	136.3	137.6									
WOMEN EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	304	285	286	287	291	297	308	312	314	314	316	316	317	1977	865.4	694.5	705.7	746.0	814.5	865.1	921.9	955.8	969.2	954.5	942.9	921.5	892.9
1978	331	317	318	322	325	329	337	340	341	338	339	336	334	1978	954.8	790.3	775.0	821.6	911.1	938.8	1,010.3	1,051.0	1,064.0	1,041.2	1,049.6	1,031.3	973.6
1979	355	332	333	337	342	349	361	367	369	368	367	368	366	1979	988.7	861.3	831.0	892.7	937.7	996.2	1,054.0	1,080.5	1,092.1	1,060.8	1,047.5	1,024.6	985.7
1980	378	364	363	367	371	374	381	381	388	386	388	389	388	1980	929.9	896.9	847.1	846.1	882.8	925.3	971.9	968.1	990.4	977.4	980.4	957.7	914.6
1981		384	383	387										1981		820.4	787.1	821.7									
CONSTRUCTION WORKERS—IN THOUSANDS														CONSTRUCTION WORKERS—IN THOUSANDS													
1977	3,021	2,407	2,461	2,634	2,872	3,040	3,212	3,297	3,356	3,326	3,315	3,248	3,082	1977	865.4	694.5	705.7	746.0	814.5	865.1	921.9	955.8	969.2	954.5	942.9	921.5	892.9
1978	3,354	2,700	2,667	2,873	3,199	3,352	3,578	3,682	3,740	3,697	3,708	3,619	3,429	1978	954.8	790.3	775.0	821.6	911.1	938.8	1,010.3	1,051.0	1,064.0	1,041.2	1,049.6	1,031.3	973.6
1979	3,565	3,020	2,970	3,218	3,379	3,598	3,780	3,877	3,922	3,858	3,841	3,738	3,576	1979	988.7	861.3	831.0	892.7	937.7	996.2	1,054.0	1,080.5	1,092.1	1,060.8	1,047.5	1,024.6	985.7
1980	3,461	3,228	3,153	3,162	3,318	3,475	3,604	3,618	3,685	3,661	3,665	3,575	3,392	1980	929.9	896.9	847.1	846.1	882.8	925.3	971.9	968.1	990.4	977.4	980.4	957.7	914.6
1981		3,053	2,964	3,107										1981		820.4	787.1	821.7									
CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	295.65	271.88	289.38	289.38	291.77	294.09	296.37	300.27	299.26	303.14	308.39	298.19	299.27	1977	272.98	248.98	267.55	271.21	272.30	269.00	272.32	272.69	275.60	281.33	283.73	277.92	275.71
1978	318.69	275.55	288.22	304.08	309.96	312.68	324.80	330.05	331.25	333.38	337.31	324.85	331.67	1978	286.40	252.67	267.88	278.04	278.88	278.32	287.26	292.50	295.29	294.28	300.20	293.81	295.56
1979	342.99	311.95	320.57	333.53	321.82	341.30	347.32	350.03	355.85	361.76	357.77	348.07	356.00	1979	309.10	282.54	290.64	304.19	293.91	307.66	310.62	312.54	316.96	324.06	320.84	314.52	323.39
1980	367.04	334.29	342.72	349.69	354.89	360.14	371.04	373.23	374.49	386.84	388.10	376.83	384.28	1980	331.04	303.80	312.22	317.35	322.56	329.78	334.70	337.64	337.23	344.65	346.86	339.19	343.40
1981		379.29	364.35	388.37										1981		337.84	324.48	344.49									
CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	8.10	8.02	7.95	7.95	7.95	7.97	8.01	8.05	8.11	8.26	8.29	8.26	8.29	1977	7.52	7.41	7.31	7.41	7.44	7.39	7.40	7.41	7.53	7.75	7.71	7.72	7.68
1978	8.66	8.35	8.33	8.40	8.40	8.52	8.57	8.64	8.74	8.89	8.90	8.90	8.94	1978	8.00	7.68	7.72	7.81	7.79	7.84	7.87	7.97	8.09	8.22	8.27	8.23	8.21
1979	9.27	8.99	9.03	8.99	9.04	9.15	9.14	9.26	9.34	9.52	9.49	9.51	9.57	1979	8.61	8.31	8.40	8.38	8.47	8.57	8.51	8.61	8.66	8.83	8.79	8.81	8.86
1980	9.92	9.47	9.60	9.66	9.67	9.76	9.79	9.90	10.04	10.18	10.24	10.24	10.33	1980	9.17	8.73	8.87	8.99	9.01	9.11	9.12	9.20	9.29	9.34	9.40	9.37	9.46
1981		10.42	10.41	10.44										1981		9.49	9.46	9.49									
CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	36.5	33.9	36.4	36.4	36.7	36.9	37.0	37.3	36.9	36.7	37.2	36.1	36.1	1977	36.3	33.6	36.6	36.6	36.6	36.4	36.8	36.8	36.6	36.3	36.8	36.0	35.9
1978	36.8	33.0	34.6	36.2	36.9	36.7	37.9	38.2	37.9	37.5	37.9	36.5	37.1	1978	35.8	32.9	34.7	35.6	35.8	35.5	36.5	36.7	36.5	35.8	36.3	35.7	36.0
1979	37.0	34.7	35.5	37.1	35.6	37.3	38.0	37.8	38.1	38.0	37.7	36.6	37.2	1979	35.9	34.0	34.6	36.3	34.7	35.9	36.5	36.3	36.6	36.7	36.5	35.7	36.5
1980	37.0	35.3	35.7	36.2	36.7	36.9	37.9	37.7	37.3	38.0	37.9	36.8	37.2	1980	36.1	34.8	35.2	35.3	35.8	36.2	36.7	36.7	36.3	36.9	36.9	36.2	36.3
1981		36.4	35.0	37.2										1981		35.6	34.3	36.3									
SIC 15—GENERAL BUILDING CONTRACTORS														SIC 152—RESIDENTIAL BUILDING CONSTRUCTION													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	1,108.4	920.1	930.8	971.8	1,042.9	1,096.4	1,164.5	1,203.5	1,221.1	1,209.5	1,201.2	1,181.4	1,158.0	1977	578.1	469.2	474.3	493.0	542.0	572.7	615.8	635.5	643.6	639.3	625.8	616.1	609.3
1978	1,228.5	1,057.5	1,041.2	1,091.0	1,184.1	1,212.2	1,292.3	1,333.0	1,343.5	1,316.8	1,320.6	1,303.8	1,246.4	1978	637.3	557.3	544.5	564.7	617.2	631.8	672.9	696.3	701.8	680.8	680.4	666.9	633.0
1979	1,272.0	1,136.5	1,103.9	1,167.9	1,215.4	1,276.9	1,342.8	1,368.9	1,382.5	1,350.8	1,334.0	1,312.3	1,272.3	1979	625.1	571.4	543.6	574.6	599.5	634.1	667.3	676.8	684.8	658.3	644.8	632.5	614.0
1980	1,212.9	1,173.3	1,124.7	1,123.1	1,162.4	1,205.0	1,254.1	1,249.4	1,277.5	1,263.4	1,268.7	1,249.3	1,203.6	1980	591.4	565.5	539.0	531.2	555.3	581.1	618.3	610.1	627.6	622.8	631.8	621.3	592.7
1981		1,111.0	1,076.1	1,110.9										1981		545.5	525.0	540.0									

See footnotes at end of tables

SIC 152
CONSTRUCTION

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 152—RESIDENTIAL BUILDING CONSTRUCTION (Con.)

WOMEN EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	62.5	56.1	56.4	54.4	57.0	58.9	63.2	65.0	66.7	67.9	67.2	67.3	69.7	72.6	71.4	69.2	75.4	81.4
	72.6	71.4	71.2	72.3	73.4	73.7	75.6	75.1	74.7	72.7	71.9	69.6	69.5	73.5	69.1	68.6	75.2	80.0
	73.5	69.2	69.1	68.6	70.5	71.5	73.5	76.6	76.6	76.4	75.9	76.7	77.3	79.2	75.4	75.2	77.0	80.7
	79.2	75.4	75.2	77.0	78.4	78.1	79.9	79.0	81.4	80.7	81.1	81.8	82.4					

CONSTRUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
	443.1	343.3	349.6	369.0	415.0	446.7	481.9	498.5	503.6	496.8	481.9	471.3	459.7	485.1	405.9	394.5	412.7	386.9
	485.1	405.9	394.5	412.7	463.1	477.2	514.0	537.8	545.6	529.0	533.0	520.8	487.3	472.7	424.5	429.2	450.6	367.2
	472.7	424.5	397.9	429.2	450.6	483.8	509.8	521.1	527.3	501.5	489.9	477.5	459.1	292.99	266.90	273.82	287.65	385.7
	435.5	413.3	385.7	378.3	400.9	426.6	462.5	455.0	468.8	464.9	473.4	461.3	435.2	310.08	286.35	287.09	294.98	382.4

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	258.46	234.57	251.49	253.04	260.51	251.59	259.00	258.70	262.02	266.79	269.37	262.07	262.80	270.56	242.48	251.81	261.64	315.50
	270.56	242.48	251.81	261.64	264.54	262.63	275.23	276.33	279.36	277.89	284.40	280.96	276.32	292.99	266.90	273.82	287.65	302.06
	292.99	266.90	273.82	287.65	281.42	295.35	296.66	294.02	299.99	305.65	300.96	294.14	304.68	310.08	286.35	287.09	294.98	316.48
	310.08	286.35	287.09	294.98	300.26	313.35	316.46	315.45	317.90	323.43	324.89	314.18	319.15					

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	7.12	6.94	6.89	6.99	7.06	6.95	7.00	7.03	7.12	7.37	7.30	7.30	7.30	7.60	7.26	7.32	7.37	8.71
	7.60	7.26	7.32	7.37	7.41	7.44	7.52	7.55	7.76	7.85	7.90	7.87	7.74	8.23	7.92	8.03	8.08	9.04
	8.23	7.92	8.03	8.08	8.11	8.25	8.15	8.19	8.31	8.42	8.36	8.38	8.44	8.71	8.30	8.37	8.55	8.99
	8.71	8.30	8.37	8.55	8.53	8.68	8.67	8.69	8.88	8.91	8.95	8.85	8.99					

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
	36.3	33.8	36.5	36.2	36.9	36.2	37.0	36.8	36.8	36.2	36.9	35.9	36.0	35.6	33.4	34.4	35.5	34.9
	35.6	33.4	34.4	35.5	35.7	35.3	36.6	36.6	36.0	35.4	36.0	35.7	35.7	35.6	33.7	34.1	35.6	33.6
	35.6	33.7	34.1	35.6	34.7	35.8	36.4	35.9	36.1	36.3	36.0	35.1	36.1	35.6	34.5	34.3	34.5	33.6
	35.6	34.5	34.3	34.5	35.2	36.1	36.5	36.3	35.8	36.3	36.3	35.5	35.5					

SIC 153—OPERATIVE BUILDERS

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	75.4	64.5	67.5	69.4	72.4	75.0	78.9	80.3	81.0	80.3	78.6	78.9	77.4	81.9	73.6	72.8	76.4	61.1
	81.9	73.6	72.8	76.4	80.6	81.7	86.1	86.3	86.7	85.5	84.2	84.7	83.9	83.3	77.6	77.3	80.5	59.8
	83.3	77.6	77.3	80.5	82.5	84.4	89.4	88.9	87.0	86.1	84.7	82.5	78.6	66.2	73.1	71.1	68.3	60.5
	66.2	73.1	71.1	68.3	65.3	64.2	64.5	65.6	65.5	64.4	64.6	64.0	63.2					

WOMEN EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	15.0	13.6	13.9	14.0	14.2	14.6	15.1	15.6	15.3	15.7	15.9	16.1	16.0	16.6	15.9	16.1	16.3	14.4
	16.6	15.9	16.1	16.3	16.3	16.4	17.0	16.8	16.9	17.2	16.9	17.0	16.9	17.3	16.9	17.4	17.2	14.7
	17.3	16.9	17.4	17.2	17.2	17.0	17.9	17.8	17.4	17.4	17.0	17.3	16.7	14.4	16.0	15.6	14.9	14.8
	14.4	16.0	15.6	14.9	14.3	13.8	13.9	13.7	13.8	13.9	14.2	14.4	14.3					

CONSTRUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
	53.8	48.6	50.1	51.3	53.8	54.1	57.4	57.5	57.5	56.2	53.9	53.3	52.0	54.3	48.0	46.8	49.6	33.6
	54.3	48.0	46.8	49.6	53.5	54.9	58.1	58.0	58.0	56.9	56.5	56.1	54.8	53.9	50.0	49.7	51.7	32.3
	53.9	50.0	49.7	51.7	53.7	55.4	59.4	58.7	56.7	55.3	54.3	52.4	48.9	39.5	45.8	43.8	41.9	
	39.5	45.8	43.8	41.9	39.3	38.4	38.6	38.6	38.9	38.0	37.9	36.7	35.9					

SIC 153—OPERATIVE BUILDERS (Con.)

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	236.79	222.10	233.49	233.41	231.76	233.33	230.16	238.20	238.60	248.47	248.43	244.24	240.44	249.92	225.96	235.29	245.27	298.80
	249.92	225.96	235.29	245.27	259.52	243.59	246.68	257.42	262.17	259.15	259.19	247.37	253.34	267.71	238.63	249.24	264.44	283.03
	267.71	238.63	249.24	264.44	251.20	261.45	266.76	270.65	276.74	278.99	281.78	282.46	290.86	288.72	263.64	266.60	278.75	298.19
	288.72	263.64	266.60	278.75	292.50	291.70	291.40	288.35	292.58	303.55	307.35	298.29	301.39					

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	6.67	6.61	6.45	6.43	6.51	6.61	6.52	6.58	6.74	6.96	6.92	6.88	6.85	7.04	6.91	6.90	7.13	8.30
	7.04	6.91	6.90	7.13	7.11	6.94	6.92	7.01	7.10	7.24	7.17	7.28		7.52	7.32	7.44	7.47	8.18
	7.52	7.32	7.44	7.47	7.41	7.47	7.41	7.56	7.36	7.52	7.72	7.76	7.84	8.02	7.80	7.75	8.01	
	8.02	7.80	7.75	8.01	8.08	7.97	7.94	7.90	8.06	8.16	8.24	8.15	8.19					

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
	35.5	33.6	36.2	36.3	35.6	35.3	35.3	36.2	35.4	35.7	35.9	35.5	35.1	35.5	32.7	34.1	34.4	36.0
	35.5	32.7	34.1	34.4	36.5	35.1	36.6	37.2	37.4	36.5	35.8	34.5	34.8	35.6	32.6	33.5	35.4	34.6
	35.6	32.6	33.5	35.4	33.9	35.0	36.0	35.8	37.6	37.1	36.5	36.4	37.1	36.0	33.8	34.4	34.8	
	36.0	33.8	34.4	34.8	36.2	36.6	36.7	36.5	36.3	37.2	37.3	36.6	36.8					

SIC 154—NONRESIDENTIAL BUILDING CONSTRUCTION

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	455.0	386.4	389.0	409.4	428.5	448.7	469.8	487.7	496.5	489.9	496.8	486.4	471.3	509.4	426.6	423.9	449.9	563.6
	509.4	426.6	423.9	449.9	486.3	498.7	533.3	550.4	555.0	550.5	556.0	552.2	529.5	563.6	487.5	483.0	512.8	563.6
	563.6	487.5	483.0	512.8	533.4	558.4	586.1	603.2	610.7	606.4	604.5	597.3	579.7	555.3	534.7	514.6	523.6	555.3
	555.3	534.7	514.6	523.6	541.8	559.7	571.3	573.7	584.4	576.2	572.3	564.0	547.7					

WOMEN EMPLOYEES—IN THOUSANDS													
1977	29.7	28.7	28.3	28.3	28.5	28.9	29.8	30.2	30.3	30.5	31.2	31.0	30.9
1978	32.7	30.8	31.0	31.3	31.4	31.8	32.6	33.5	33.1	33.4	34.0	34.6	34.5
1979	37.7	35.2	35.5	35.7	36.1	37.2	37.7	38.5	39.4	39.1	39.3	39.5	39.6
1980	40.6	39.1	38.7	39.4	39.8	40.1	40.9	40.6	41.5	41.3	41.8	42.3	42.2
1981		41.8	41.6	42.1									

CONSTRUCTION

SIC 162

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 154—NONRESIDENTIAL BUILDING CONSTRUCTION (Con.)														SIC 161—HIGHWAY AND STREET CONSTRUCTION (Con.)													
CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	36.4	33.2	36.7	37.0	36.5	36.7	36.8	37.0	36.6	36.6	36.7	36.2	35.9	1980	266.4	197.5	196.0	209.3	247.7	293.5	314.4	315.9	315.5	309.9	299.0	270.7	227.5
1978	36.0	32.3	35.2	35.9	35.9	35.8	36.4	36.9	36.9	36.2	36.7	35.9	36.6	1981		182.0	173.9	191.8									
1979	36.4	34.5	35.2	37.2	34.9	36.2	36.7	36.8	37.1	37.1	36.9	36.2	36.8	WOMEN EMPLOYEES—IN THOUSANDS													
1980	36.7	35.1	36.1	36.0	36.4	36.3	37.0	37.1	36.8	37.4	37.5	36.9	37.1	1977	12.1	10.3	10.3	10.5	11.2	12.1	13.2	13.5	13.5	13.4	13.1	12.5	11.6
1981		36.2	35.0	37.1										1978	13.2	10.9	10.7	10.9	12.0	13.0	14.3	14.8	15.2	15.1	15.2	13.9	12.8
SIC 16—HEAVY CONSTRUCTION CONTRACTORS														1979	16.2	11.5	11.7	12.5	14.3	16.3	18.1	19.2	19.5	19.6	19.0	17.1	15.3
ALL EMPLOYEES—IN THOUSANDS														1980	17.5	14.2	14.4	15.0	16.6	18.3	19.4	19.9	20.0	19.5	18.9	17.5	15.9
1977	787.1	613.9	629.1	682.0	756.4	815.3	861.5	870.6	880.6	881.1	871.2	835.2	748.8	1981		14.3	14.2	14.5									
1978	857.4	647.7	652.1	702.8	818.5	882.1	943.1	961.5	972.0	970.3	964.6	925.5	848.5	CONSTRUCTION WORKERS—IN THOUSANDS													
1979	930.5	721.7	729.2	796.1	868.8	955.5	1,024.8	1,044.2	1,051.5	1,040.7	1,034.7	990.8	908.0	1977	207.6	121.5	127.9	147.4	191.8	224.0	243.9	255.1	259.4	255.8	253.4	232.1	178.9
1980	921.8	804.2	796.4	825.0	890.2	955.4	993.6	995.7	1,004.5	997.6	986.7	944.5	867.3	1978	224.5	127.8	129.7	151.9	210.2	247.3	274.2	281.2	282.6	276.4	273.0	245.4	194.4
1981		761.1	742.1	795.1										1979	238.5	134.4	142.8	170.2	208.9	259.3	291.1	299.5	302.5	296.1	286.3	258.5	212.3
WOMEN EMPLOYEES—IN THOUSANDS														1980	225.5	157.4	155.7	168.2	206.5	251.8	273.3	274.1	273.9	268.6	258.3	230.5	187.9
1977	48.3	44.2	45.3	46.0	46.5	48.1	50.2	50.1	50.1	50.6	50.7	49.8	48.2	1981		144.6	136.3	153.4									
1978	50.6	47.4	46.1	46.5	48.0	49.7	52.1	53.1	53.9	53.5	54.1	52.2	50.3	CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1979	55.8	47.8	48.1	49.0	51.6	54.7	58.3	60.1	61.0	61.5	61.4	59.5	56.6	1977	281.40	228.46	249.98	248.57	270.91	283.98	289.22	302.89	295.71	293.20	311.08	272.08	263.55
1980	61.1	55.3	55.6	56.2	58.6	61.2	63.3	64.4	65.1	64.6	64.3	63.8	61.0	1978	313.74	218.42	240.30	269.60	288.40	294.92	337.12	343.54	342.26	341.48	349.71	301.86	313.18
1981		56.8	56.2	57.2										1979	345.68	260.61	285.96	301.32	298.74	341.82	372.22	367.16	376.99	383.69	370.65	351.41	321.31
CONSTRUCTION WORKERS—IN THOUSANDS														1980	355.88	282.96	294.89	313.58	331.28	342.34	380.19	380.49	379.61	389.91	386.13	363.78	344.20
1977	615.1	450.3	462.3	513.4	589.2	644.2	685.1	689.4	703.6	699.8	695.3	666.6	581.4	1981		337.95	306.49	349.57									
1978	693.3	482.7	491.5	540.4	654.4	717.1	775.5	794.6	805.5	805.2	801.1	762.8	689.1	CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1979	769.9	567.8	576.4	642.6	713.4	798.3	863.2	884.0	889.5	876.3	866.2	820.2	741.4	1977	7.00	6.68	6.51	6.39	6.64	6.81	7.02	7.11	7.16	7.33	7.46	7.16	6.81
1980	741.2	631.9	640.1	644.3	710.3	774.8	811.3	811.6	818.9	810.5	798.7	757.1	685.0	1978	7.56	6.70	6.75	6.74	7.00	7.41	7.61	7.72	7.85	7.96	7.93	7.80	7.62
1981		590.0	574.5	626.4										1979	8.25	7.30	7.37	7.44	7.66	8.10	8.29	8.46	8.51	8.76	8.66	8.55	8.26
CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1980	8.68	7.71	7.97	8.02	8.20	8.58	8.70	8.89	9.06	9.11	9.15	8.96	8.67
1977	293.33	261.40	287.57	282.65	287.47	300.05	299.38	305.47	299.41	295.29	309.64	286.86	287.66	1981		8.47	8.49	8.61									
1978	324.81	258.14	280.32	308.05	310.02	312.44	339.81	341.43	340.70	346.49	351.54	322.37	331.63	CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS													
1979	347.73	299.27	314.50	332.00	314.25	346.58	363.36	358.85	370.06	372.74	369.05	353.51	341.64	1977	40.2	34.2	38.4	38.9	40.8	41.7	41.2	42.6	41.3	40.0	41.7	38.0	38.7
1980	370.36	316.94	325.24	350.24	354.16	362.10	379.26	381.71	385.28	398.11	397.17	385.20	386.16	1978	41.5	32.6	35.6	40.0	41.2	39.8	44.3	44.5	43.6	42.9	44.1	38.7	41.1
1981		382.31	363.15	397.07										1979	41.9	35.7	38.8	40.5	39.0	42.2	44.9	43.4	44.3	43.8	42.8	41.1	38.9
CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1980	41.0	36.7	37.0	39.1	40.4	39.9	43.7	42.8	41.9	42.8	42.2	40.6	39.7
1977	7.56	7.49	7.45	7.38	7.39	7.52	7.56	7.58	7.58	7.65	7.78	7.67	7.57	1981		39.9	36.1	40.6									
1978	8.10	7.66	7.68	7.74	7.77	7.95	8.11	8.11	8.19	8.41	8.37	8.33	8.27	SIC 162—HEAVY CONSTRUCTION, EXCEPT HIGHWAY													
1979	8.65	8.29	8.32	8.30	8.38	8.60	8.59	8.71	8.79	8.96	8.85	8.86	8.76	ALL EMPLOYEES—IN THOUSANDS													
1980	9.19	8.52	8.65	8.80	8.81	9.03	9.03	9.22	9.42	9.57	9.64	9.63	9.63	1977	540.8	456.8	465.6	498.2	526.4	552.2	576.9	575.2	580.5	585.2	577.5	563.1	531.9
1981		9.63	9.71	9.78										1978	594.3	483.2	486.5	514.2	569.4	595.5	628.6	639.6	649.2	654.4	652.0	641.8	616.7
CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														1979	652.4	550.7	549.8	588.3	621.4	656.8	692.6	702.7	707.4	703.4	707.6	691.9	656.3
1977	38.8	34.9	38.6	38.3	38.9	39.9	39.6	40.3	39.5	38.6	39.8	37.4	38.0	1980	555.4	606.7	600.4	615.7	642.5	661.9	679.2	679.8	689.0	687.7	687.7	673.8	639.8
1978	40.1	33.7	36.5	39.8	39.9	39.3	41.9	42.1	41.6	41.2	42.0	38.7	40.1	1981		579.1	568.2	603.3									
1979	40.2	36.1	37.8	40.0	37.5	40.3	42.3	41.2	42.1	41.6	41.7	39.9	39.0	WOMEN EMPLOYEES—IN THOUSANDS													
1980	40.3	37.2	37.6	39.8	40.2	40.1	42.0	41.4	40.9	41.6	41.2	40.0	40.1	1977	36.2	33.9	35.0	35.5	35.3	36.0	37.0	36.6	36.6	37.2	37.6	37.3	36.6
1981		39.7	37.4	40.6										1978	37.3	36.5	35.4	35.6	36.0	36.7	37.8	38.3	38.7	38.4	38.9	38.3	37.5
SIC 161—HIGHWAY AND STREET CONSTRUCTION														1979	39.6	36.3	36.4	36.5	37.3	38.4	40.2	40.9	41.5	41.9	42.4	42.4	41.3
ALL EMPLOYEES—IN THOUSANDS														1980	43.7	41.1	41.2	41.2	42.0	42.9	43.9	44.5	45.1	45.1	45.4	46.3	45.1
1977	246.4	157.1	163.5	183.8	230.0	263.1	284.6	295.4	300.1	295.9	293.7	272.1	216.9	1981		42.5	42.0	42.7									
1978	263.1	164.5	165.6	188.6	249.1	286.6	314.5	321.9	322.8	315.9	312.6	283.7	231.8														
1979	278.1	171.0	179.4	207.8	247.4	298.7	332.2	341.5	344.1	337.3	327.1	298.9	251.7														

SIC 162
CONSTRUCTION

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 162—HEAVY CONSTRUCTION, EXCEPT HIGHWAY (Con.)

CONSTRUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
	407.5	328.8	334.4	366.0	397.4	420.2	441.2	434.3	444.2	444.0	441.9	434.5	402.5	407.5	328.8	334.4	366.0	397.4
	468.8	354.9	361.8	388.5	444.2	469.8	501.3	513.4	522.9	528.8	528.1	517.4	494.7	468.8	354.9	361.8	388.5	444.2
	531.5	433.4	433.6	472.4	504.5	539.0	572.1	584.5	587.0	580.2	579.9	561.7	529.1	531.5	433.4	433.6	472.4	504.5
	515.7	474.5	484.4	476.1	503.8	523.0	538.0	537.5	545.0	541.9	540.4	526.6	497.1	515.7	474.5	484.4	476.1	503.8
		445.4	438.2	473.0											445.4	438.2	473.0	

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	299.85	273.43	301.47	296.02	295.26	308.48	305.74	307.32	301.44	296.73	308.83	294.57	298.58	299.85	273.43	301.47	296.02	295.26
	329.78	272.12	294.40	322.76	321.11	321.36	341.04	340.68	339.39	349.00	352.15	333.29	339.04	329.78	272.12	294.40	322.76	321.11
	349.58	311.82	324.38	342.68	320.66	349.08	358.28	355.29	366.06	367.34	368.74	354.60	349.05	349.58	311.82	324.38	342.68	320.66
	376.80	328.37	334.91	363.20	363.31	370.93	379.45	381.64	388.24	403.60	403.51	394.22	402.60	376.80	328.37	334.91	363.20	363.31
		396.40	380.65	412.50											396.40	380.65	412.50	

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	7.87	7.79	7.81	7.79	7.77	7.93	7.88	7.88	7.85	7.85	7.98	7.94	7.92	7.87	7.79	7.81	7.79	7.77
	8.37	7.98	8.00	8.13	8.15	8.24	8.40	8.35	8.38	8.66	8.61	8.59	8.54	8.37	7.98	8.00	8.13	8.15
	8.85	8.59	8.65	8.61	8.69	8.86	8.76	8.86	8.95	9.07	8.95	9.00	8.95	8.85	8.59	8.65	8.61	8.69
	9.42	8.78	8.86	9.08	9.06	9.25	9.21	9.40	9.61	9.82	9.89	9.93	9.99	9.42	8.78	8.86	9.08	9.06
		10.01	10.07	10.16											10.01	10.07	10.16	

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
	38.1	35.1	38.6	38.0	38.0	38.9	38.8	39.0	38.4	37.8	38.7	37.1	37.7	38.1	35.1	38.6	38.0	38.0
	39.4	34.1	36.8	39.7	39.4	39.0	40.6	40.8	40.5	40.3	40.9	38.8	39.7	39.4	34.1	36.8	39.7	39.4
	39.5	36.3	37.5	39.8	36.9	39.4	40.9	40.1	40.9	40.5	41.2	39.4	39.0	39.5	36.3	37.5	39.8	36.9
	40.0	37.4	37.8	40.0	40.1	40.1	41.2	40.6	40.4	41.1	40.8	39.7	40.3	40.0	37.4	37.8	40.0	40.1
		39.6	37.8	40.6											39.6	37.8	40.6	

SIC 17—SPECIAL TRADE CONTRACTORS

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	1,955.3	1,658.2	1,688.5	1,775.9	1,874.1	1,943.0	2,024.7	2,077.1	2,109.1	2,095.1	2,100.8	2,084.2	2,032.6	1,955.3	1,658.2	1,688.5	1,775.9	1,874.1
	2,142.9	1,850.1	1,824.6	1,939.0	2,065.3	2,134.5	2,238.0	2,284.1	2,316.5	2,290.8	2,299.7	2,265.4	2,206.9	2,142.9	1,850.1	1,824.6	1,939.0	2,065.3
	2,260.1	2,029.9	2,002.2	2,129.0	2,176.8	2,256.5	2,323.5	2,378.1	2,401.7	2,378.2	2,385.6	2,352.0	2,308.0	2,260.1	2,029.9	2,002.2	2,129.0	2,176.8
	2,263.9	2,163.9	2,129.0	2,138.4	2,194.1	2,245.8	2,297.1	2,317.0	2,355.4	2,351.5	2,363.3	2,339.4	2,272.4	2,263.9	2,163.9	2,129.0	2,138.4	2,194.1
		2,123.0	2,082.4	2,141.5											2,123.0	2,082.4	2,141.5	

WOMEN EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	147.9	142.7	141.8	143.8	144.3	146.9	149.4	150.6	151.3	149.1	150.6	151.9	152.5	147.9	142.7	141.8	143.8	144.3
	158.7	151.8	153.2	155.1	155.8	157.6	159.9	161.3	161.9	161.0	161.7	162.5	162.6	158.7	151.8	153.2	155.1	155.8
	170.6	162.4	163.1	166.0	166.7	168.8	173.1	173.9	174.5	174.0	173.8	175.2	176.2	170.6	162.4	163.1	166.0	166.7
	183.0	177.9	177.9	179.6	180.3	180.9	183.0	183.7	185.8	185.9	186.4	187.0	188.1	183.0	177.9	177.9	179.6	180.3
		189.6	190.2	191.8											189.6	190.2	191.8	

CONSTRUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
	1,540.3	1,261.9	1,292.8	1,374.6	1,468.1	1,530.3	1,604.7	1,652.1	1,683.0	1,671.6	1,676.9	1,660.1	1,607.4	1,540.3	1,261.9	1,292.8	1,374.6	1,468.1
	1,705.4	1,427.2	1,400.3	1,511.0	1,633.2	1,696.0	1,791.7	1,836.5	1,870.2	1,850.2	1,857.0	1,824.9	1,766.5	1,705.4	1,427.2	1,400.3	1,511.0	1,633.2
	1,806.1	1,591.0	1,562.7	1,682.8	1,727.8	1,803.5	1,863.0	1,912.1	1,940.8	1,920.7	1,927.5	1,892.9	1,848.4	1,806.1	1,591.0	1,562.7	1,682.8	1,727.8
	1,790.0	1,698.7	1,665.5	1,671.1	1,724.6	1,774.4	1,820.7	1,837.9	1,875.3	1,873.2	1,885.5	1,860.0	1,792.8	1,790.0	1,698.7	1,665.5	1,671.1	1,724.6
		1,642.5	1,601.9	1,658.9											1,642.5	1,601.9	1,658.9	

CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	310.39	288.14	302.96	301.40	303.94	306.36	309.74	313.63	313.20	318.76	321.26	314.87	317.20	310.39	288.14	302.96	301.40	303.94
	334.65	292.99	301.16	317.35	327.96	331.59	339.11	345.77	347.63	349.23	352.45	343.67	352.09	334.65	292.99	301.16	317.35	327.96
	360.10	331.89	339.68	349.08	339.33	358.06	360.88	365.93	371.00	376.66	373.32	364.14	379.04	360.10	331.89	339.68	349.08	339.33
	384.47	356.35	364.67	367.10	372.68	376.20	387.50	389.02	390.57	402.58	406.62	393.82	404.42	384.47	356.35	364.67	367.10	372.68
		399.08	385.79	407.32											399.08	385.79	407.32	

SIC 17—SPECIAL TRADE CONTRACTORS (Con.)

CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	8.67	8.55	8.51	8.49	8.49	8.51	8.58	8.64	8.70	8.83	8.85	8.82	8.91	8.67	8.55	8.51	8.49	8.49
	9.27	8.96	8.91	8.99	9.01	9.16	9.19	9.27	9.37	9.49	9.50	9.52	9.62	9.27	8.96	8.91	8.99	9.01
	9.92	9.62	9.65	9.59	9.64	9.73	9.78	9.89	10.00	10.18	10.20	10.20	10.30	9.92	9.62	9.65	9.59	9.64
	10.65	10.24	10.36	10.37	10.41	10.45	10.53	10.60	10.73	10.91	10.96	10.97	11.08	10.65	10.24	10.36	10.37	10.41
		11.21	11.15	11.19											11.21	11.15	11.19	

CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
	35.8	33.7	35.6	35.5	35.8	36.0	36.1	36.3	36.0	36.1	36.3	35.7	35.6	35.8	33.7	35.6	35.5	35.8
	36.1	32.7	33.8	35.3	36.4	36.2	36.9	37.3	37.1	36.8	37.1	36.1	36.6	36.1	32.7	33.8	35.3	36.4
	36.3	34.5	35.2	36.4	35.2	36.8	36.9	37.0	37.1	37.0	36.6	35.7	36.8	36.3	34.5	35.2	36.4	35.2
	36.1	34.8	35.2	35.4	35.8	36.0	36.8	36.7	36.4	36.9	37.1	35.9	36.5	36.1	34.8	35.2	35.4	35.8
		35.6	34.6	36.4											35.6	34.6	36.4	

SIC 171—PLUMBING, HEATING, AIR CONDITIONING

ALL EMPLOYEES—IN THOUSANDS													
1977	472.6	433.4	433.8	443.1	453.7	465.3	478.3	489.6	494.4	492.6	495.3	496.4	495.8
1978	519.9	480.1	471.1	482.4	495.4	505.5	523.0	538.6	549.7	547.7	551.1	548.5	546.1
1979	542.3	522.5	513.9	521.7	527.2	537.1	547.9	558.0	561.4	557.0	555.7	553.9	551.2
1980	539.5	540.6	527.7	525.8	521.2	525.5	536.0	537.9	548.5	552.1	555.8	553.8	548.5
1981		539.6	531.8	532.8									

CONSTRUCTION

SIC 174

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 172—PAINTING, PAPER HANGING, DECORATING														SIC 173—ELECTRICAL WORK (Con.)													
ALL EMPLOYEES—IN THOUSANDS														CONSTRUCTION WORKERS—IN THOUSANDS													
1977	125.0	104.5	101.9	108.3	116.6	123.3	133.5	139.1	142.6	136.9	135.3	132.4	125.3	1977	262.1	241.9	239.3	245.5	249.6	255.7	262.8	268.1	276.1	277.1	278.6	276.2	274.6
1978	138.3	110.3	109.1	116.2	128.8	136.2	149.6	156.0	158.1	151.4	153.3	149.7	141.2	1978	287.1	262.1	256.2	259.9	263.6	278.0	289.5	296.6	305.1	307.8	308.2	310.1	307.6
1979	147.8	124.3	122.6	127.2	135.7	147.2	158.4	168.2	169.1	162.0	160.0	153.7	145.7	1979	313.7	298.2	292.1	294.5	296.9	303.3	312.1	322.8	327.7	327.0	330.4	329.7	329.5
1980	143.3	131.2	128.6	127.4	138.8	146.4	153.1	156.8	154.8	150.3	151.6	144.6	135.8	1980	320.6	320.3	315.7	312.6	306.4	308.7	316.5	319.8	326.9	331.3	329.8	331.1	327.9
1981		119.8	117.5	121.6										1981		317.0	310.8	309.4									
WOMEN EMPLOYEES—IN THOUSANDS														CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	9.0	8.7	8.6	8.6	8.5	8.9	9.0	9.2	9.0	9.3	9.2	9.3	9.4	1977	363.59	342.45	360.05	358.13	355.84	361.75	364.50	367.42	368.17	368.86	371.57	363.68	372.78
1978	10.0	9.3	9.7	9.9	9.5	9.8	10.0	10.1	10.3	10.1	10.2	10.3	10.8	1978	387.56	348.61	350.48	367.91	379.00	384.31	391.78	396.24	400.13	401.57	403.01	402.92	412.16
1979	11.2	10.9	10.9	10.7	10.8	10.8	11.6	11.8	11.7	11.4	11.2	11.5	11.4	1979	417.96	397.06	397.74	409.16	400.18	410.72	419.77	426.53	429.66	432.02	429.37	418.49	441.90
1980	11.6	11.5	11.3	11.5	11.6	11.4	11.8	11.7	11.5	11.6	11.6	11.9	12.0	1980	448.25	426.76	427.11	429.77	435.83	439.66	449.32	450.00	453.46	468.25	467.11	455.10	479.80
1981		12.0	12.2	12.4										1981		473.37	457.19	476.90									
CONSTRUCTION WORKERS—IN THOUSANDS														CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	104.3	84.5	83.0	88.7	96.4	103.3	111.9	116.8	120.6	115.5	114.3	112.1	104.3	1977	9.67	9.46	9.50	9.55	9.54	9.57	9.72	9.72	9.74	9.81	9.83	9.75	9.81
1978	116.1	89.6	87.8	94.7	106.5	113.5	126.6	133.3	135.4	129.1	130.5	127.4	118.7	1978	10.28	9.82	9.79	9.89	10.00	10.14	10.31	10.40	10.42	10.54	10.55	10.52	10.65
1979	124.2	101.6	100.4	104.0	112.8	124.1	134.1	143.3	145.1	137.9	136.4	129.5	121.5	1979	10.97	10.56	10.55	10.60	10.70	10.78	10.96	11.05	11.16	11.28	11.24	11.28	11.36
1980	120.1	106.8	104.7	104.1	115.3	123.5	129.8	133.2	131.8	128.1	129.0	122.0	112.9	1980	11.89	11.35	11.42	11.43	11.53	11.57	11.95	12.00	12.06	12.29	12.26	12.30	12.43
1981		96.1	94.0	98.0										1981		12.49	12.39	12.55									
CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	273.31	249.94	265.66	264.32	261.82	274.86	275.20	276.12	280.92	283.03	284.05	276.55	280.23	1977	37.6	36.2	37.9	37.5	37.3	37.8	37.5	37.8	37.8	37.6	37.8	37.3	38.0
1978	298.77	256.58	270.67	280.38	283.15	284.39	302.24	314.22	315.88	314.70	314.16	306.75	316.29	1978	37.7	35.5	35.8	37.2	37.9	37.9	38.0	38.1	38.4	38.1	38.2	38.3	38.7
1979	321.43	298.82	309.06	316.80	308.83	326.74	315.20	321.82	325.94	330.29	328.70	320.69	341.26	1979	38.1	37.6	37.7	38.6	37.4	38.1	38.3	38.6	38.5	38.3	38.2	37.1	38.9
1980	343.88	321.98	328.78	337.35	337.00	340.12	350.66	345.23	348.30	358.69	357.98	344.09	352.25	1980	37.7	37.6	37.4	37.6	37.8	38.0	37.6	37.5	37.6	38.1	38.1	37.0	38.6
1981		356.02	339.33	361.90										1981		37.9	36.9	38.0									
CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 174—MASONRY, STONEMWORK, AND PLASTERING													
1977	8.11	7.96	7.93	7.82	7.91	7.99	8.00	8.05	8.19	8.30	8.33	8.28	8.39	ALL EMPLOYEES—IN THOUSANDS													
1978	8.61	8.44	8.38	8.32	8.16	8.34	8.49	8.68	8.75	8.84	8.80	8.84	8.96	1977	307.9	240.8	260.3	279.5	296.7	306.3	323.8	327.5	336.5	333.2	334.2	332.8	323.2
1979	9.21	8.92	9.09	9.00	9.03	9.23	8.98	9.04	9.13	9.41	9.50	9.46	9.64	1978	338.0	280.1	283.8	317.0	339.5	343.0	355.5	353.8	361.2	355.7	361.6	355.3	349.2
1980	9.91	9.47	9.67	9.75	9.74	9.83	9.85	9.78	9.98	10.19	10.17	10.15	10.21	1979	359.5	309.3	305.5	350.3	353.7	363.1	372.0	375.9	383.0	374.5	381.9	375.6	368.6
1981		10.41	10.19	10.34										1980	362.0	342.9	335.8	342.8	358.3	362.1	369.4	366.4	378.4	374.0	377.8	374.2	362.1
CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														1981		334.3	337.5	351.2									
1977	33.7	31.4	33.5	33.8	33.1	34.4	34.4	34.3	34.3	34.1	34.1	33.4	33.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	34.7	30.4	32.3	33.7	34.7	34.1	35.6	36.2	36.1	35.6	35.7	34.7	35.3	1977	17.2	16.3	16.1	16.5	16.8	17.0	17.2	17.5	17.6	17.4	17.7	17.9	17.8
1979	34.9	33.5	34.0	35.2	34.2	35.4	35.1	35.6	35.7	35.1	34.6	33.9	35.4	1978	17.7	17.6	17.3	17.7	18.1	17.8	18.0	18.1	17.5	17.5	17.7	17.9	17.7
1980	34.7	34.0	34.0	34.6	34.6	34.6	35.6	35.3	34.9	35.2	35.2	33.9	34.5	1979	19.1	18.1	18.3	18.7	19.0	19.2	19.2	19.3	19.6	19.5	19.2	19.1	19.5
1981		34.2	33.3	35.0										1980	21.1	20.5	20.8	20.9	20.4	20.9	20.7	21.2	21.4	21.3	21.4	21.4	21.7
														1981		22.4	22.5	22.9									
ALL EMPLOYEES—IN THOUSANDS														CONSTRUCTION WORKERS—IN THOUSANDS													
1977	339.9	317.2	314.9	321.8	326.0	332.8	341.1	346.7	355.4	355.4	357.7	355.5	354.4	1977	262.5	196.6	216.3	235.1	252.2	261.5	278.0	280.8	290.5	287.4	288.7	286.2	276.7
1978	368.8	342.3	335.8	340.2	343.9	358.9	371.8	379.7	388.4	390.0	391.3	392.9	390.6	1978	291.9	234.3	237.4	270.6	292.7	295.5	308.3	306.9	315.3	310.6	316.3	310.5	304.4
1979	399.3	382.0	375.5	378.7	381.2	386.9	397.8	409.3	414.4	413.2	417.4	417.2	417.6	1979	312.7	263.7	259.8	303.5	307.2	315.8	325.4	328.6	335.2	327.9	334.5	328.7	321.5
1980	412.0	410.0	404.7	402.6	397.3	398.9	407.0	411.3	418.8	423.4	423.1	425.6	421.7	1980	311.5	293.8	285.8	292.0	308.8	311.3	319.2	315.7	327.3	322.7	326.6	323.1	311.1
1981		411.6	405.6	404.3										1981		282.9	285.1	299.1									
WOMEN EMPLOYEES—IN THOUSANDS														CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	27.0	26.5	26.6	26.6	26.6	26.8	26.9	26.9	27.2	27.1	27.5	27.7	28.0	1977	283.57	249.78	269.24	276.72	280.72	283.56	282.91	290.52	289.33	292.56	292.90	293.08	285.03
1978	28.9	28.2	28.2	28.4	28.3	28.5	29.1	29.2	29.6	29.3	29.4	29.3	29.5	1978	307.92	259.88	265.05	290.62	304.67	305.96	317.70	320.59	322.70	319.68	326.74	315.86	317.04
1979	30.5	29.3	29.4	29.6	29.3	29.8	30.5	31.1	30.5	31.2	31.3	31.6	32.0	1979	333.34	298.94	313.17	325.83	317.92	333.30	334.60	339.42	347.55	349.12	345.91	334.98	344.62
1980	33.9	32.1	32.5	32.3	33.0	33.0	33.9	34.2	34.4	34.9	35.4	35.5	35.4	1980	358.46	321.11	336.66	331.00	344.76	355.35	367.83	369.58	367.85	378.08	383.06	367.05	366.58
1981		35.8	36.1	36.5										1981		355.88	341.91	375.11									

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CONSTRUCTION

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 174—MASONRY, STONEMASONRY, AND PLASTERING (Con.)														SIC 176—ROOFING AND SHEET METAL WORK													
CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	8.49	8.41	8.31	8.31	8.33	8.34	8.37	8.47	8.56	8.63	8.64	8.62	8.69	1977	134.2	102.3	110.8	120.9	129.0	134.9	138.2	143.2	143.7	145.5	150.7	151.3	139.9
1978	9.03	8.75	8.69	8.78	8.78	8.92	9.00	8.98	9.09	9.16	9.23	9.29	9.38	1978	154.5	119.6	121.3	137.1	154.6	157.2	164.4	169.6	170.5	167.5	170.6	165.0	156.2
1979	9.69	9.46	9.49	9.39	9.49	9.55	9.56	9.67	9.79	9.89	9.94	9.94	9.96	1979	163.7	131.4	127.3	153.7	158.7	164.4	171.6	176.0	177.9	176.8	177.5	176.2	172.3
1980	10.39	9.85	9.99	10.00	10.17	10.33	10.42	10.44	10.51	10.65	10.70	10.67	10.75	1980	169.1	151.3	146.6	150.8	166.8	170.1	173.1	175.8	178.7	179.7	182.3	182.7	171.6
1981		10.85	10.82	10.81										1981		146.3	141.1	152.8									
CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	33.4	29.7	32.4	33.3	33.7	34.0	33.8	34.3	33.8	33.9	33.9	34.0	32.8	1977	9.6	9.2	9.0	9.3	9.1	9.3	9.4	9.6	9.9	9.9	10.2	10.1	10.0
1978	34.1	29.7	30.5	33.1	34.7	34.3	35.3	35.7	35.5	34.9	35.4	34.0	33.8	1978	10.6	9.9	10.0	10.3	10.5	10.4	10.8	10.9	11.0	10.9	11.1	10.9	10.7
1979	34.4	31.6	33.0	34.7	33.5	34.9	35.0	35.1	35.5	35.3	34.8	33.7	34.6	1979	11.6	10.6	10.6	11.2	11.4	11.5	11.7	11.8	11.9	12.0	12.1	12.1	12.5
1980	34.5	32.6	33.7	33.1	33.9	34.4	35.3	35.4	35.0	35.5	35.8	34.4	34.1	1980	13.2	12.5	12.8	12.9	13.1	13.1	13.2	13.2	13.4	13.5	13.5	13.4	13.3
1981		32.8	31.6	34.7										1981		13.2	13.2	13.6									
SIC 175—CARPENTERING AND FLOORING														CONSTRUCTION WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														1977	107.3	77.0	85.7	94.7	102.8	107.8	111.0	115.6	116.4	117.7	122.4	123.5	112.5
1977	123.0	103.6	104.2	108.6	114.8	120.9	128.6	132.1	135.7	132.8	134.2	131.2	129.6	1978	126.2	93.1	94.2	109.7	126.1	128.7	135.5	140.3	141.3	139.2	142.0	136.7	127.7
1978	133.3	120.4	113.2	122.7	127.7	133.2	143.0	145.6	144.4	139.5	139.4	136.3	134.4	1979	132.9	103.4	98.4	124.1	128.9	133.5	139.2	144.0	145.9	145.6	146.3	144.9	141.1
1979	131.3	125.8	124.3	130.2	127.6	130.2	132.3	137.2	136.1	135.0	135.0	130.8	131.5	1980	136.7	119.8	114.6	119.0	134.6	137.2	140.3	143.0	146.3	147.3	149.7	149.9	138.6
1980	123.6	121.0	119.5	119.0	116.5	119.5	120.9	124.1	129.6	128.6	129.6	127.8	127.1	1981		114.0	109.1	120.3									
1981		119.3	115.8	119.1										CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
WOMEN EMPLOYEES—IN THOUSANDS														1977	245.69	213.10	235.64	236.06	249.58	248.16	250.42	253.11	248.71	253.18	264.10	248.91	236.47
1977	12.1	11.9	11.5	12.0	11.4	12.0	12.4	12.3	12.5	12.0	12.2	12.3	12.1	1978	264.23	196.09	221.92	243.80	267.46	256.48	267.58	280.70	284.69	281.40	282.98	274.35	272.29
1978	12.5	12.0	12.1	12.2	12.5	12.7	12.4	12.5	12.6	12.4	12.4	12.8	13.4	1979	285.36	232.88	245.85	280.54	257.91	289.82	300.32	299.74	304.32	308.91	293.16	287.47	295.86
1979	13.5	12.6	12.9	12.7	12.9	12.9	14.4	13.9	13.9	13.8	13.9	14.2	14.0	1980	305.64	256.32	280.21	264.62	278.66	284.80	319.93	321.78	324.14	333.20	339.68	321.60	316.77
1980	14.4	13.8	14.1	14.2	14.3	14.2	14.1	14.1	14.4	14.8	14.9	14.9	14.8	1981		291.54	278.06	320.35									
1981		15.3	15.4	15.6										CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
CONSTRUCTION WORKERS—IN THOUSANDS														1977	7.63	7.53	7.41	7.40	7.45	7.52	7.52	7.67	7.70	7.79	7.86	7.73	7.83
1977	95.2	77.9	78.7	82.4	87.9	92.7	99.5	103.1	106.5	103.9	105.8	102.8	101.3	1978	8.13	7.72	7.60	7.89	7.96	7.99	7.94	8.16	8.30	8.40	8.25	8.39	8.43
1978	104.1	91.4	84.8	93.9	98.6	103.8	113.0	115.6	115.1	110.5	110.4	107.3	105.2	1979	8.70	8.20	8.25	8.45	8.54	8.60	8.63	8.79	8.77	8.98	8.83	8.90	9.02
1979	102.3	97.7	96.3	102.0	98.9	101.3	103.2	107.4	107.2	106.2	105.5	100.4	101.5	1980	9.29	8.90	9.01	8.88	8.96	9.07	9.22	9.22	9.45	9.52	9.65	9.60	9.57
1980	93.3	91.6	89.7	88.6	86.8	89.3	91.1	94.3	98.6	97.9	98.7	96.8	96.1	1981		9.59	9.49	9.62									
1981		87.9	84.3	87.8										CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS													
CONSTRUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	32.2	28.3	31.8	31.9	33.5	33.0	33.3	33.0	32.3	32.5	33.6	32.2	30.2
1977	258.23	224.95	241.65	249.08	251.20	250.66	260.26	257.04	255.70	262.57	279.05	276.31	270.64	1978	32.5	25.4	29.2	30.9	33.6	32.1	33.7	34.4	34.3	33.5	34.3	32.7	32.3
1978	290.44	246.27	258.89	276.82	287.00	289.19	295.46	297.38	300.72	307.16	309.01	297.91	307.66	1979	32.8	28.4	29.8	33.2	30.2	33.7	34.8	34.1	34.7	34.4	33.2	32.3	32.8
1979	310.36	282.61	293.93	305.47	298.58	310.42	311.70	313.29	314.71	323.35	320.38	317.75	326.88	1980	32.9	28.8	31.1	29.8	31.1	31.4	34.7	34.9	34.3	35.0	35.2	33.5	33.1
1980	324.82	300.63	302.12	307.92	311.79	314.30	317.28	330.18	334.16	343.77	343.42	340.60	342.66	1981		30.4	29.3	33.3									
1981		321.36	328.93	348.80										CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
CONSTRUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	7.64	7.28	7.39	7.48	7.41	7.46	7.61	7.56	7.61	7.70	7.95	7.94	7.96
1977	7.64	7.28	7.39	7.48	7.41	7.46	7.61	7.56	7.61	7.70	7.95	7.94	7.96	1978	8.37	7.97	8.04	8.19	8.20	8.31	8.37	8.33	8.40	8.58	8.68	8.61	8.57
1978	8.37	7.97	8.04	8.19	8.20	8.31	8.37	8.33	8.40	8.58	8.68	8.61	8.57	1979	8.97	8.59	8.88	8.88	8.86	8.92	8.83	8.85	8.89	9.16	9.18	9.21	9.26
1979	8.97	8.59	8.88	8.88	8.86	8.92	8.83	8.85	8.89	9.16	9.18	9.21	9.26	1980	9.47	9.11	9.10	9.11	9.09	9.19	9.17	9.38	9.63	9.85	9.84	9.93	9.99
1980	9.47	9.11	9.10	9.11	9.09	9.19	9.17	9.38	9.63	9.85	9.84	9.93	9.99	1981		9.98	10.09	10.11									
1981		9.98	10.09	10.11										CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS													
CONSTRUCTION-WORKER AVERAGE WEEKLY HOURS														1977	33.8	30.9	32.7	33.3	33.9	33.6	34.2	34.0	33.6	34.1	35.1	34.8	34.0
1977	33.8	30.9	32.7	33.3	33.9	33.6	34.2	34.0	33.6	34.1	35.1	34.8	34.0	1978	34.7	30.9	32.2	33.8	35.0	34.8	35.3	35.7	35.8	35.8	35.6	34.6	35.9
1978	34.7	30.9	32.2	33.8	35.0	34.8	35.3	35.7	35.8	35.8	35.6	34.6	35.9	1979	34.6	32.9	33.1	34.4	33.7	34.8	35.3	35.4	35.4	34.9	34.5	35.3	
1979	34.6	32.9	33.1	34.4	33.7	34.8	35.3	35.4	35.4	35.3	34.9	34.5	35.3	1980	34.3	33.0	33.2	33.8	34.3	34.2	34.6	35.2	34.7	34.9	34.3	34.3	
1980	34.3	33.0	33.2	33.8	34.3	34.2	34.6	35.2	34.7	34.9	34.9	34.3	34.3	1981		32.2	32.6	34.5									
1981		32.2	32.6	34.5																							

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS														ACCESSIONS PER 100 EMPLOYEES													
1977	19,682	19,072	19,076	19,253	19,402	19,574	19,880	19,693	19,918	20,122	20,063	20,057	20,077	1978	4.1	3.8	3.2	3.8	4.0	4.7	4.9	4.4	5.4	4.9	4.3	3.3	2.4
1978	20,505	19,948	19,980	20,122	20,242	20,363	20,647	20,417	20,657	20,867	20,884	20,961	20,967	1979	4.0	4.0	3.4	3.8	3.9	4.7	4.8	4.3	5.0	4.5	4.1	3.0	2.2
1979	21,040	20,833	20,853	20,972	20,992	21,065	21,314	21,033	21,069	21,261	21,151	21,006	20,932	1980	3.5	3.8	3.3	3.5	3.1	3.4	3.9	3.8	4.5	4.3	3.6	2.7	2.2
1980	20,300	20,719	20,666	20,722	20,468	20,196	20,146	19,702	19,997	20,212	20,235	20,293	20,238	1981		3.4	3.0	3.4									
1981		20,075	20,065	20,160																							
WOMEN EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	5,880	5,608	5,662	5,721	5,770	5,826	5,925	5,823	5,977	6,066	6,068	6,073	6,037	1977	2.8	2.2	2.1	2.6	2.7	3.5	3.7	3.0	4.0	3.5	3.0	2.2	1.6
1978	6,237	5,983	6,019	6,083	6,123	6,173	6,280	6,153	6,325	6,415	6,430	6,447	6,407	1978	3.1	2.5	2.2	2.7	2.9	3.6	3.9	3.3	4.2	3.9	3.5	2.6	1.7
1979	6,466	6,347	6,361	6,406	6,411	6,449	6,540	6,411	6,508	6,570	6,574	6,534	6,478	1979	2.9	2.8	2.5	2.8	2.9	3.6	3.8	3.1	3.7	3.4	3.1	2.2	1.5
1980	6,324	6,410	6,419	6,447	6,387	6,287	6,264	6,096	6,267	6,335	6,338	6,339	6,302	1980	2.1	2.4	2.2	2.3	2.0	2.1	2.4	2.1	2.5	2.6	2.2	1.6	1.2
1981		6,238	6,260	6,294										1981		1.8	1.8	2.0									
PRODUCTION WORKERS—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	14,135	13,633	13,632	13,796	13,928	14,075	14,320	14,097	14,302	14,505	14,446	14,445	14,438	1977	.9	1.2	1.3	1.1	.9	.8	.8	.9	1.0	.8	.6	.6	.6
1978	14,734	14,310	14,330	14,445	14,542	14,643	14,855	14,598	14,812	15,036	15,040	15,099	15,093	1978	.7	1.0	.7	.8	.8	.8	.7	.8	.9	.7	.6	.5	.5
1979	15,068	14,958	14,962	15,050	15,073	15,129	15,313	15,008	15,027	15,240	15,136	14,994	14,920	1979	.7	.9	.7	.7	.7	.8	.7	.9	.9	.8	.7	.6	.5
1980	14,223	14,689	14,623	14,668	14,416	14,128	14,047	13,614	13,907	14,131	14,141	14,190	14,126	1980	1.1	1.1	.9	.9	.8	1.0	1.2	1.5	1.7	1.4	1.1	.9	.8
1981		13,975	13,971	14,049										1981		1.3	1.0	1.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														SEPARATIONS PER 100 EMPLOYEES													
1977	228.90	215.05	218.65	221.90	222.96	226.24	230.52	228.17	229.31	235.65	236.29	238.10	243.72	1977	3.8	3.9	3.4	3.4	3.4	3.5	3.5	4.3	5.1	4.9	3.8	3.4	3.4
1978	249.27	234.02	236.81	242.80	244.02	245.23	249.29	249.05	249.27	256.00	257.00	261.35	268.27	1978	3.9	3.6	3.1	3.5	3.6	3.7	3.8	4.1	5.3	4.9	4.1	3.5	3.4
1979	269.34	260.65	262.51	266.34	254.80	265.86	269.47	268.13	268.00	274.04	274.85	277.55	285.48	1979	4.0	3.8	3.2	3.6	3.7	3.8	3.9	4.3	5.7	4.7	4.2	3.8	3.5
1980	288.62	277.41	278.60	281.39	279.35	280.21	282.96	282.85	287.62	295.32	298.10	305.52	314.16	1980	4.0	4.1	3.5	3.7	4.7	4.8	4.4	4.2	4.8	4.1	3.8	3.0	3.1
1981		308.43	306.13	311.22										1981		3.6	3.1	3.2									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	5.68	5.50	5.48	5.52	5.56	5.60	5.65	5.69	5.69	5.79	5.82	5.85	5.93	1977	1.8	1.4	1.3	1.6	1.7	1.9	1.9	1.9	3.1	2.8	1.9	1.5	1.2
1978	6.17	5.97	5.98	6.01	6.04	6.07	6.11	6.18	6.17	6.29	6.33	6.39	6.48	1978	2.1	1.5	1.4	1.8	2.0	2.1	2.2	2.1	3.5	3.1	2.3	1.7	1.3
1979	6.70	6.50	6.53	6.56	6.55	6.63	6.67	6.72	6.70	6.80	6.82	6.87	6.98	1979	2.0	1.8	1.6	1.9	2.0	2.1	2.1	2.0	3.3	2.7	2.1	1.6	1.1
1980	7.27	6.97	7.00	7.07	7.09	7.13	7.20	7.29	7.30	7.42	7.49	7.60	7.70	1980	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.4	2.2	1.9	1.4	1.1	.9
1981		7.73	7.75	7.80										1981		1.2	1.1	1.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														LAYOFFS PER 100 EMPLOYEES													
1977	40.3	39.1	39.9	40.2	40.1	40.4	40.8	40.1	40.3	40.7	40.6	40.7	41.1	1977	1.1	1.7	1.4	1.0	.9	.8	.8	1.5	1.0	1.1	1.1	1.1	1.5
1978	40.4	39.2	39.6	40.4	40.4	40.4	40.8	40.3	40.4	40.7	40.6	40.9	41.4	1978	.9	1.2	.9	.9	.8	.7	.7	1.1	.8	.8	.9	1.0	1.4
1979	40.2	40.1	40.2	40.6	38.9	40.1	40.4	39.9	40.0	40.3	40.3	40.4	40.9	1979	1.1	1.1	.8	.8	.9	.7	.9	1.4	1.3	1.1	1.2	1.5	1.7
1980	39.7	39.8	39.8	39.8	39.4	39.3	39.3	38.8	39.4	39.8	39.8	40.2	40.8	1980	1.7	1.6	1.2	1.3	2.3	2.5	2.2	2.0	1.7	1.4	1.5	1.4	1.6
1981		39.9	39.5	39.9										1981		1.6	1.2	1.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														SIC 24,25,32-39—DURABLE GOODS													
1977	3.5	3.1	3.1	3.3	3.2	3.4	3.6	3.4	3.6	3.8	3.7	3.6	3.7	ALL EMPLOYEES—IN THOUSANDS													
1978	3.6	3.2	3.5	3.5	3.5	3.4	3.6	3.5	3.6	3.9	3.8	3.8	3.9	1977	11,597	11,217	11,185	11,322	11,428	11,546	11,712	11,620	11,658	11,837	11,840	11,867	11,929
1979	3.3	3.5	3.5	3.6	2.5	3.3	3.4	3.2	3.3	3.5	3.4	3.4	3.4	1978	12,274	11,887	11,899	11,992	12,100	12,186	12,340	12,229	12,288	12,485	12,558	12,639	12,679
1980	2.8	3.0	2.9	3.0	2.7	2.5	2.5	2.4	2.7	3.0	2.9	3.1	3.3	1979	12,760	12,629	12,654	12,745	12,776	12,818	12,955	12,783	12,667	12,871	12,800	12,717	12,703
1981		2.9	2.8	2.8										1980	12,181	12,568	12,564	12,609	12,380	12,124	12,036	11,743	11,796	11,990	12,061	12,156	12,147
														1981		12,072	12,042	12,120									
ACCESSIONS PER 100 EMPLOYEES																											
1977	4.0	3.7	3.7	4.0	3.8	4.6	4.9	4.3	5.3	4.6	3.9	3.1	2.4														

See footnotes at end of tables.

MANUFACTURING

See footnotes at end of tables.

MANUFACTURING

SIC 241

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 24—LUMBER AND WOOD PRODUCTS (Con.)														SIC 24—LUMBER AND WOOD PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.10	4.96	4.93	4.92	4.96	5.00	5.05	5.09	5.15	5.24	5.26	5.25	5.27	1977	1.1	2.3	2.0	1.1	0.8	0.5	0.6	1.0	0.7	0.7	1.1	1.4	1.7
1978	5.60	5.39	5.39	5.39	5.43	5.49	5.65	5.70	5.67	5.74	5.76	5.75	5.79	1978	.9	1.5	1.4	1.1	.7	.6	.4	.7	.7	.7	1.1	.8	1.7
1979	6.07	5.79	5.82	5.83	5.89	5.95	6.14	6.21	6.20	6.29	6.21	6.20	6.22	1979	1.4	1.8	1.5	1.6	.9	.5	.8	.7	.8	.7	1.8	3.1	3.2
1980	6.53	6.19	6.30	6.32	6.24	6.36	6.52	6.68	6.72	6.76	6.73	6.76	6.74	1980	2.7	2.6	2.5	3.2	6.6	3.5	2.4	2.1	1.8	2.0	1.6	1.9	2.8
1981		6.79	6.81	6.79										1981		2.4	2.3	2.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 241—LOGGING CAMPS AND LOGGING CONTRACTORS													
1977	39.8	38.2	39.5	39.3	39.7	40.0	40.5	39.9	40.0	40.5	40.4	39.8	40.0	ALL EMPLOYEES—IN THOUSANDS													
1978	39.8	37.8	39.0	39.5	40.1	39.9	40.8	39.9	39.9	40.0	40.4	39.9	40.1	1977	84.2	80.2	80.7	78.4	79.3	82.6	88.5	87.8	90.2	89.7	87.4	84.6	81.3
1979	39.4	38.5	39.0	39.7	39.1	39.6	40.2	39.4	39.9	40.0	39.8	38.8	39.2	1978	84.8	79.0	79.3	79.3	79.3	81.4	88.7	90.4	90.2	89.8	88.8	86.6	85.2
1980	38.6	38.2	38.5	38.3	37.1	37.6	38.4	38.1	39.2	39.3	39.2	39.2	39.7	1979	88.5	82.6	83.2	82.2	79.7	84.9	92.9	94.7	95.8	93.7	93.8	90.5	88.3
1981		38.8	38.5	39.0										1980	84.6	83.9	84.9	81.6	77.7	80.0	86.2	89.9	90.2	89.2	87.0	83.0	82.1
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.7	3.2	3.5	3.4	3.5	3.7	3.9	3.8	4.0	4.1	4.0	3.6	3.6	1977	4.3	3.9	3.9	4.1	4.1	4.1	4.4	4.7	4.7	4.8	4.4	4.3	4.1
1978	3.7	3.1	3.5	3.5	3.7	3.6	3.9	3.8	3.9	3.9	4.0	3.7	3.8	1978	4.7	4.2	4.4	4.6	4.5	4.7	5.0	5.1	5.2	5.0	4.9	4.7	4.6
1979	3.5	3.4	3.5	3.5	3.2	3.4	3.6	3.4	3.7	3.8	3.7	3.2	3.1	1979	5.1	4.6	4.6	4.7	4.8	4.8	5.3	5.4	5.5	5.1	5.6	5.0	5.2
1980	2.8	2.7	2.8	2.9	2.3	2.3	2.5	2.5	3.0	3.1	3.1	3.0	3.1	1980	5.2	5.0	4.9	5.0	5.0	5.0	5.3	5.4	5.5	5.9	5.8	5.0	4.9
1981		2.7	2.6	2.7										1981		5.1	5.0	5.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	6.3	5.2	5.4	6.9	7.0	8.1	8.1	6.5	8.0	6.9	5.6	4.4	3.4	1977	69.5	66.0	66.4	64.2	65.2	68.3	73.7	73.3	75.3	74.6	72.1	69.3	66.1
1978	6.1	5.3	4.7	6.5	7.0	8.1	7.7	6.2	7.4	6.4	5.8	4.6	3.2	1978	69.1	63.8	63.7	63.6	63.7	65.7	72.6	74.2	74.0	73.8	73.3	71.0	69.6
1979	5.5	5.1	4.6	5.8	6.6	7.7	7.3	5.7	6.7	5.7	5.1	3.3	2.4	1979	73.1	66.9	67.7	66.7	64.1	69.5	77.3	79.2	80.3	78.7	78.8	75.2	72.6
1980	4.9	4.7	4.6	4.3	4.2	5.5	6.6	5.9	6.9	5.3	4.3	3.3	2.8	1980	68.5	68.6	69.2	65.7	62.3	63.9	70.1	73.8	73.6	72.7	70.4	66.0	65.2
1981		4.8	4.5	5.5										1981		62.8	62.9	61.0									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	5.2	3.6	3.8	5.3	5.5	6.7	7.0	5.6	7.1	6.2	4.9	3.7	2.8	1977	251.36	223.92	243.04	233.74	247.79	247.56	258.07	254.02	246.68	272.14	274.48	257.25	254.01
1978	5.1	4.1	3.7	4.9	5.4	6.7	6.7	5.4	6.7	5.8	5.2	4.1	2.6	1978	286.38	240.11	259.69	266.42	273.39	275.22	301.02	299.39	293.86	305.66	319.18	293.14	300.17
1979	4.5	4.2	3.6	4.4	5.1	6.0	6.1	5.0	5.8	4.9	4.4	2.7	1.7	1979	311.63	264.63	286.21	292.04	299.13	302.25	334.56	327.55	327.49	339.65	324.23	316.74	309.37
1980	2.9	2.9	2.9	2.9	2.3	2.4	3.1	3.2	4.2	3.6	3.1	2.4	1.6	1980	330.11	285.19	315.36	306.12	313.56	326.24	341.75	354.48	356.66	354.71	338.63	333.90	323.67
1981		2.7	2.7	3.0										1981		327.24	320.29	332.61									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.9	1.4	1.4	1.5	1.2	1.2	.9	.7	.6	.4	.5	.6	.4	1977	6.58	6.22	6.20	6.20	6.37	6.43	6.55	6.53	6.74	6.96	7.02	6.86	6.81
1978	.8	1.0	.9	1.4	1.3	1.2	.8	.7	.5	.4	.4	.4	.4	1978	7.25	6.98	6.87	6.92	7.01	7.13	7.36	7.32	7.31	7.51	7.51	7.44	7.43
1979	.8	.8	.8	1.3	1.3	1.5	1.1	.6	.6	.6	.5	.5	.6	1979	7.97	7.25	7.32	7.45	7.67	7.77	8.18	8.23	8.27	8.47	8.25	8.27	8.12
1980	1.8	1.6	1.6	1.3	1.7	2.9	3.3	2.5	2.4	1.5	1.1	.8	1.0	1980	8.53	7.90	8.17	8.12	8.23	8.43	8.63	8.84	8.85	8.89	8.75	8.81	8.54
1981		1.9	1.7	2.2										1981		8.68	8.68	8.73									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	6.0	5.9	5.4	5.6	5.5	5.7	5.8	6.0	7.8	7.3	5.8	5.3	5.1	1977	38.2	36.0	39.2	37.7	38.9	38.5	39.4	38.9	36.6	39.1	39.1	37.5	37.3
1978	5.9	5.4	5.1	5.7	5.7	5.9	5.8	5.9	8.0	7.5	6.5	4.9	4.9	1978	39.5	34.4	37.8	38.5	39.0	38.6	40.9	40.9	40.2	40.7	42.5	39.4	40.4
1979	6.1	5.9	5.3	6.1	5.7	5.6	5.8	5.5	7.8	6.4	6.5	6.7	6.0	1979	39.1	36.5	39.1	39.2	39.0	38.9	40.9	39.8	39.6	40.1	39.3	38.3	38.1
1980	5.9	5.9	5.6	6.4	10.2	6.5	5.3	5.3	6.2	5.8	4.8	4.4	4.9	1980	38.7	36.1	38.6	37.7	38.1	38.7	39.6	40.1	40.3	39.9	38.7	37.9	37.9
1981		5.3	4.8	5.0										1981		37.7	36.9	38.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.6	2.5	2.4	3.3	3.5	4.0	3.8	3.8	5.6	5.2	3.5	2.7	2.4	1977	3.6	2.6	3.2	3.0	3.6	3.6	4.0	3.8	3.7	4.1	4.5	3.4	3.5
1978	3.8	2.9	2.7	3.5	3.9	4.1	4.1	4.0	5.9	5.4	4.1	3.0	2.3	1978	4.5	3.1	4.6	4.2	4.1	3.9	4.9	4.8	4.7	4.9	5.6	4.1	4.8
1979	3.5	3.0	2.8	3.4	3.7	3.9	3.7	3.6	5.5	4.5	3.5	2.6	1.8	1979	4.3	3.5	5.1	4.5	4.0	4.3	4.7	4.0	4.6	4.8	4.8	3.7	3.5
1980	2.3	2.4	2.2	2.3	2.5	2.1	2.1	2.2	3.2	2.7	2.2	1.7	1.4	1980	3.7	2.8	3.1	3.2	3.2	3.4	3.8	3.7	4.7	4.5	4.2	3.4	3.6
1981		1.9	1.8	2.0										1981		3.6	3.3	3.3									

See footnotes at end of tables.

SIC 242

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 242—SAWMILLS AND PLANING MILLS														SIC 242—SAWMILLS AND PLANING MILLS (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	227.9	217.2	220.1	222.0	224.9	228.0	232.9	232.0	232.6	233.5	232.0	229.9	229.5	1977	4.1	3.1	3.1	3.9	4.4	4.7	5.5	4.0	5.5	5.1	4.1	2.8	2.3
1978	232.7	224.4	224.0	226.9	229.7	232.3	239.1	236.1	238.0	236.4	236.1	234.6	234.4	1978	4.1	3.7	3.2	3.9	4.4	4.9	5.8	4.4	5.3	4.3	4.0	3.2	2.2
1979	237.2	230.7	230.0	233.1	232.8	237.6	244.1	244.1	244.6	243.3	240.3	234.7	230.9	1979	3.6	3.2	3.0	3.6	3.8	4.6	5.2	3.8	4.6	4.0	3.5	2.4	1.6
1980	215.3	226.5	225.3	226.0	212.8	206.4	211.1	212.1	213.7	214.6	211.9	211.6	211.0	1980	2.3	2.3	2.4	2.4	2.0	1.8	2.9	2.8	2.9	2.8	2.5	1.9	1.4
1981		207.6	207.6	207.6										1981		2.2	2.0	2.6									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	20.1	19.3	19.5	19.7	19.8	20.0	20.6	20.5	20.2	20.4	20.4	20.2	20.2	1977	.7	.6	.8	.8	.9	.9	.9	.6	.5	.6	.7	.7	.4
1978	21.3	20.2	19.9	20.5	20.8	21.2	21.8	21.2	21.8	22.0	22.1	22.1	22.4	1978	.5	.8	.7	.9	.6	.9	.7	.5	.3	.3	.4	.3	.2
1979	23.2	22.3	22.4	22.8	22.6	23.1	23.6	23.5	23.9	24.0	23.9	23.2	22.9	1979	.6	.4	.5	.7	.7	1.0	.9	.4	.5	.4	.4	.4	.3
1980	20.9	22.6	22.7	22.6	21.6	20.3	20.2	19.9	20.1	20.0	20.1	20.2	20.2	1980	1.5	1.3	.8	.9	1.2	3.1	3.2	2.1	1.8	1.3	.8	.9	1.1
1981		19.9	20.0	20.0										1981		2.0	1.6	2.2									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	203.3	192.9	195.8	197.5	200.3	203.3	208.1	206.8	208.0	208.5	207.1	205.6	205.3	1977	4.8	4.3	4.0	4.4	4.8	4.9	4.7	4.7	6.3	6.3	4.8	4.2	3.6
1978	208.1	200.3	199.8	203.1	205.4	207.8	214.5	211.8	213.2	211.8	211.1	209.4	209.1	1978	4.8	4.6	4.4	4.8	5.1	5.0	4.6	4.6	6.2	5.9	4.5	3.8	3.6
1979	211.9	205.3	205.0	208.3	207.8	212.4	218.5	218.4	218.9	217.6	214.8	209.4	206.1	1979	4.8	4.1	4.0	4.7	4.6	4.5	4.8	4.3	5.8	5.6	4.6	5.2	5.6
1980	190.6	201.5	200.5	201.3	188.1	182.0	186.7	187.9	189.0	189.7	187.7	186.9	186.2	1980	5.7	4.7	4.6	5.0	12.0	6.1	5.9	5.8	5.8	5.9	4.1	4.0	4.4
1981		182.9	182.7	183.0										1981		4.4	4.2	5.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	216.48	205.37	208.08	205.23	210.33	212.08	215.39	214.73	220.01	226.18	226.46	223.18	227.56	1977	3.0	2.2	2.2	2.8	3.2	3.2	3.2	3.0	4.5	4.7	3.0	2.3	2.0
1978	237.86	219.57	227.77	227.36	231.84	233.70	246.03	242.35	242.13	243.17	246.19	244.01	246.63	1978	3.2	2.8	2.6	3.1	3.5	3.5	3.4	3.4	4.5	4.5	3.0	2.3	2.0
1979	255.96	239.55	243.41	248.67	246.21	253.56	265.74	264.31	265.51	268.79	263.81	249.70	256.00	1979	2.9	2.3	2.4	3.0	3.0	3.0	3.0	2.9	4.5	4.1	2.9	2.2	1.6
1980	261.02	247.02	254.02	251.16	233.14	243.00	257.74	265.30	275.22	276.41	271.35	275.41	283.50	1980	2.0	2.0	2.0	2.0	2.1	1.9	2.0	1.9	2.6	2.5	1.9	1.4	1.2
1981		280.59	277.85	276.11										1981		1.6	1.5	1.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.28	5.16	5.10	5.08	5.13	5.16	5.19	5.25	5.34	5.45	5.47	5.47	5.51	1977	.9	1.4	1.1	.8	.7	.7	.6	.9	.7	.7	1.0	1.1	1.0
1978	5.83	5.63	5.61	5.60	5.60	5.70	5.90	5.94	5.92	5.96	5.99	6.01	6.03	1978	.6	1.0	1.2	.9	.6	.4	.3	.2	.4	.5	.5	.7	.9
1979	6.32	6.08	6.07	6.08	6.14	6.23	6.45	6.51	6.46	6.54	6.45	6.37	6.40	1979	.9	.8	.7	.8	.6	.5	.7	.4	.4	.6	.8	2.1	2.9
1980	6.71	6.35	6.48	6.49	6.37	6.48	6.66	6.82	6.95	6.98	6.94	6.99	7.00	1980	2.9	1.8	1.8	2.2	9.0	3.5	3.1	2.9	2.4	2.5	1.3	2.0	2.5
1981		7.05	7.07	6.99										1981		1.9	2.1	2.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2421—SAWMILLS AND PLANING MILLS, GENERAL													
1977	41.0	39.8	40.8	40.4	41.0	41.1	41.5	40.9	41.2	41.5	41.4	40.8	41.3	ALL EMPLOYEES—IN THOUSANDS													
1978	40.8	39.0	40.6	40.6	41.4	41.0	41.7	40.8	40.9	40.8	41.1	40.6	40.9	1977	189.3	180.1	182.4	184.7	187.3	189.9	193.9	193.7	193.5	193.8	192.1	190.2	189.5
1979	40.5	39.4	40.1	40.9	40.1	40.7	41.2	40.6	41.1	41.1	40.9	39.2	40.0	1978	192.3	184.0	183.0	186.5	189.3	192.2	198.2	196.7	197.4	196.0	195.5	194.2	194.0
1980	38.9	38.9	39.2	38.7	36.6	37.5	38.7	38.9	39.6	39.6	39.1	39.4	40.5	1979	196.4	190.4	189.8	192.1	192.4	196.9	202.4	203.2	203.1	202.2	199.6	194.1	191.0
1981		39.8	39.3	39.5										1980	178.5	186.6	186.3	186.5	174.3	168.5	174.5	177.2	179.3	180.5	177.2	176.0	175.4
														1981		171.8	172.3	172.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.5	4.2	4.5	4.3	4.4	4.4	4.5	4.5	4.8	4.9	4.7	4.4	4.5	1977	14.4	13.9	14.1	14.4	14.4	14.6	14.9	14.9	14.4	14.4	14.2	14.0	14.0
1978	4.6	3.9	4.5	4.4	4.7	4.5	4.7	4.7	4.8	4.7	4.8	4.6	4.6	1978	14.7	13.9	13.5	14.1	14.3	14.7	15.1	14.9	15.2	15.2	15.2	15.2	15.4
1979	4.3	4.2	4.3	4.5	4.0	4.2	4.4	4.3	4.6	4.6	4.5	3.8	3.9	1979	16.0	15.2	15.3	15.6	15.7	16.0	16.4	16.4	16.7	16.8	16.6	15.9	15.8
1980	3.4	3.5	3.7	3.6	2.7	2.8	3.1	3.2	3.7	3.7	3.5	3.5	3.7	1980	14.8	15.7	15.9	15.8	15.1	14.0	14.3	14.4	14.5	14.6	14.5	14.4	14.5
1981		3.2	3.2	3.1										1981		14.2	14.2	14.2									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.0	3.9	4.3	5.0	5.6	5.8	6.6	4.8	6.4	5.9	4.9	3.6	2.9	1977	169.0	160.0	162.3	164.6	167.1	169.6	173.5	172.9	173.4	173.3	171.7	170.3	169.7
1978	4.8	4.6	4.0	4.9	5.1	6.0	6.8	5.1	5.9	4.9	4.5	3.6	2.6	1978	172.4	164.5	163.4	167.3	169.8	172.3	178.3	177.1	177.5	176.2	175.4	173.8	173.5
1979	4.3	3.8	3.6	4.4	4.6	5.9	6.3	4.5	5.4	4.5	4.0	2.8	2.0	1979	176.0	170.0	169.7	172.3	172.4	176.5	181.8	182.3	182.3	181.4	179.0	173.8	170.8
1980	4.1	4.0	3.3	3.4	3.6	5.1	6.3	5.2	5.0	4.4	3.5	2.9	2.7	1980	158.4	166.6	166.2	166.4	154.3	148.7	154.6	157.2	159.1	159.9	157.3	155.8	155.2
1981		4.4	3.8	5.1										1981		151.9	152.3	152.4									

See footnotes at end of tables.

MANUFACTURING

SIC 2426

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2421—SAWMILLS AND PLANING MILLS, GENERAL (Con.)														SIC 2421—SAWMILLS AND PLANING MILLS, GENERAL (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	228.25	218.56	219.89	216.52	221.78	223.56	226.85	226.05	232.25	238.52	239.62	236.16	240.53	1977	2.7	2.0	2.1	2.4	2.8	2.9	2.8	2.7	4.0	4.4	2.6	2.0	1.9
1978	252.15	232.85	241.54	240.72	245.02	246.60	261.24	256.88	256.46	257.26	260.80	258.45	260.76	1978	2.8	2.5	2.3	2.7	2.9	2.9	2.9	3.0	4.0	3.9	2.5	1.9	1.9
1979	269.73	254.23	257.04	262.17	259.69	267.90	280.84	278.64	280.57	284.14	278.66	262.75	269.20	1979	2.6	2.0	2.1	2.6	2.7	2.7	2.6	2.6	4.0	3.7	2.6	1.9	1.4
1980	274.56	259.85	267.63	264.32	244.92	256.74	272.22	279.89	289.35	290.14	284.98	289.93	298.82	1980	1.8	1.8	1.8	1.7	1.9	1.7	1.9	1.7	2.4	2.3	1.7	1.2	1.1
1981		296.46	292.79	290.72										1981		1.4	1.2	1.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.54	5.41	5.35	5.32	5.37	5.40	5.44	5.50	5.61	5.72	5.76	5.76	5.81	1977	.8	1.2	1.1	.8	.7	.6	.6	.8	.7	.6	.7	1.0	1.0
1978	6.15	5.94	5.92	5.90	5.89	6.00	6.22	6.25	6.24	6.29	6.33	6.35	6.36	1978	.6	1.0	1.3	.8	.7	.4	.3	.2	.3	.5	.5	.7	.7
1979	6.66	6.42	6.41	6.41	6.46	6.55	6.80	6.88	6.81	6.88	6.78	6.72	6.73	1979	.9	.6	.6	.9	.7	.4	.6	.3	.3	.6	.7	2.3	3.2
1980	7.04	6.68	6.81	6.83	6.71	6.81	6.98	7.14	7.27	7.29	7.27	7.34	7.36	1980	3.0	1.8	1.8	2.4	10.0	3.5	3.1	2.7	2.5	2.5	1.4	2.1	2.6
1981		7.43	7.45	7.36										1981		1.9	2.1	2.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2426—HARDWOOD DIMENSION AND FLOORING													
1977	41.2	40.4	41.1	40.7	41.3	41.4	41.7	41.1	41.4	41.7	41.6	41.0	41.4	ALL EMPLOYEES—IN THOUSANDS													
1978	41.0	39.2	40.8	40.8	41.6	41.1	42.0	41.1	41.1	40.9	41.2	40.7	41.0	1977	31.9	30.7	30.9	30.5	30.7	31.4	32.3	32.0	32.7	32.8	32.9	32.8	33.1
1979	40.5	39.6	40.1	40.9	40.2	40.9	41.3	40.5	41.2	41.3	41.1	39.1	40.0	1978	33.7	33.4	33.9	33.4	33.5	33.5	34.2	32.9	34.1	33.9	34.1	33.9	34.1
1980	39.0	38.9	39.3	38.7	36.5	37.7	39.0	39.2	39.8	39.8	39.2	39.5	40.6	1979	34.3	34.3	34.3	34.4	33.9	34.3	34.8	34.0	34.6	34.3	34.3	34.2	33.7
1981		39.9	39.3	39.5										1980	30.9	33.6	32.9	33.5	32.5	31.7	30.5	28.5	29.1	28.8	29.4	30.2	30.5
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		30.5	30.6	30.8									
1977	4.7	4.4	4.6	4.5	4.6	4.6	4.6	4.8	5.0	5.1	4.9	4.5	4.6	PRODUCTION WORKERS—IN THOUSANDS													
1978	4.8	4.1	4.6	4.5	4.9	4.7	4.9	5.0	5.1	4.9	5.1	4.8	4.8	1977	28.3	27.3	27.5	27.0	27.2	27.9	28.7	28.3	29.0	29.1	29.2	29.2	29.4
1979	4.6	4.4	4.5	4.8	4.3	4.4	4.7	4.6	4.9	4.9	4.8	3.9	4.1	1978	29.8	29.6	30.1	29.6	29.6	29.7	30.3	29.1	30.1	29.8	30.0	29.8	30.0
1980	3.6	3.6	3.9	3.9	2.9	3.0	3.4	3.5	3.9	3.9	3.7	3.7	3.9	1979	30.0	30.0	30.1	30.1	29.6	30.1	30.5	29.9	30.4	30.1	30.0	29.8	29.5
1981		3.4	3.4	3.3										1980	26.9	29.3	28.7	29.3	28.3	27.5	26.4	24.8	25.0	24.9	25.5	26.1	26.4
ACCESSIONS PER 100 EMPLOYEES														1981		26.3	26.3	26.5									
1977	4.5	3.5	3.9	4.6	5.4	5.4	6.5	4.4	5.7	5.1	3.9	3.0	2.8	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.3	4.2	3.6	4.6	4.5	5.5	6.5	4.6	5.0	4.0	3.8	3.1	2.3	1977	146.37	132.04	141.69	140.98	140.58	145.84	147.29	145.64	149.45	150.63	151.03	151.10	155.74
1979	3.9	3.2	3.2	4.3	4.4	5.5	6.1	3.9	4.8	4.0	3.4	2.4	1.8	1978	159.98	145.92	156.35	157.12	157.92	158.76	158.37	159.20	160.80	163.22	165.64	166.87	169.74
1980	3.9	3.7	3.1	2.9	3.4	5.4	6.7	5.2	4.9	3.8	2.9	2.4	2.6	1979	172.83	165.92	171.37	171.36	167.98	170.31	173.32	175.80	172.80	175.47	176.88	175.08	180.14
1981		3.9	3.2	4.9										1980	181.89	180.29	179.08	179.93	175.18	173.72	176.81	176.15	184.69	185.28	187.40	191.66	197.96
NEW HIRES PER 100 EMPLOYEES														1981		195.72	196.21	196.52									
1977	3.7	2.8	2.9	3.6	4.1	4.3	5.3	3.7	4.9	4.4	3.3	2.4	2.2	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	3.6	3.3	2.8	3.5	3.7	4.3	5.6	3.9	4.5	3.5	3.3	2.7	2.0	1977	3.65	3.54	3.56	3.56	3.55	3.61	3.61	3.65	3.69	3.71	3.72	3.74	3.78
1979	3.3	2.6	2.6	3.5	3.6	4.2	5.0	3.4	4.2	3.6	3.0	1.9	1.4	1978	3.96	3.82	3.87	3.87	3.88	3.92	3.92	3.97	4.00	4.04	4.04	4.10	4.13
1980	2.1	1.9	2.1	2.0	1.6	1.8	2.9	2.8	2.9	2.6	2.0	1.4	1.2	1979	4.31	4.19	4.19	4.20	4.21	4.29	4.29	4.33	4.32	4.42	4.40	4.41	4.47
1981		1.6	1.5	2.3										1980	4.70	4.53	4.58	4.59	4.61	4.67	4.69	4.71	4.76	4.80	4.83	4.84	4.90
RECALLS PER 100 EMPLOYEES														1981		4.93	4.93	4.95									
1977	.6	.5	.7	.8	1.0	.9	1.0	.6	.4	.5	.5	.4	.4	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	.5	.8	.7	.9	.6	1.0	.6	.5	.3	.3	.4	.3	.2	1977	40.1	37.3	39.8	39.6	39.6	40.4	40.8	39.9	40.5	40.6	40.6	40.4	41.2
1979	.5	.4	.4	.7	.7	1.1	.9	.3	.3	.3	.3	.4	.3	1978	40.4	38.2	40.4	40.6	40.7	40.5	40.4	40.1	40.2	40.4	41.0	40.7	41.1
1980	1.5	1.4	.8	.8	1.2	3.5	3.5	2.0	1.7	.9	.7	.8	1.2	1979	40.1	39.6	40.9	40.8	39.9	39.7	40.4	40.6	40.0	39.7	40.2	39.7	40.3
1981		2.1	1.5	2.4										1980	38.7	39.8	39.1	39.2	38.0	37.2	37.7	37.4	38.8	38.8	39.6	40.4	
SEPARATIONS PER 100 EMPLOYEES														1981		39.7	39.8	39.7									
1977	4.4	3.9	3.9	4.1	4.5	4.6	4.4	4.3	5.7	6.0	4.1	3.7	3.6	PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1978	4.3	4.3	4.3	4.3	4.6	4.3	4.2	4.2	5.6	5.2	3.9	3.3	3.2	1977	3.8	3.2	3.9	3.6	3.5	3.9	4.2	3.4	4.0	4.1	3.9	3.8	4.2
1979	4.4	3.5	3.6	4.3	4.3	4.0	4.2	3.7	5.2	5.1	4.1	5.0	5.7	1978	3.8	3.3	3.9	4.0	3.9	3.9	3.8	3.3	4.0	3.9	3.9	3.6	3.8
1980	5.6	4.5	4.4	4.9	12.8	5.8	5.9	5.4	5.8	5.7	3.9	3.9	4.3	1979	3.3	3.3	3.5	3.5	2.9	3.2	3.4	3.2	3.3	3.4	3.4	3.3	3.4
1981		4.1	3.9	5.0										1980	2.5	3.1	2.8	2.8	2.2	2.0	1.9	1.8	2.4	2.4	2.6	2.6	3.1
														1981		2.6	2.7	2.5									

See footnotes at end of tables.

SIC 243

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 243—MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS														SIC 243—MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	206.7	189.3	190.1	194.2	199.8	203.9	210.2	211.6	215.4	215.7	217.4	216.5	216.7	1977	5.1	3.1	3.3	5.0	4.8	6.6	6.8	5.7	7.7	5.8	4.9	3.7	3.1
1978	222.6	214.5	213.3	215.8	218.3	221.5	228.0	227.7	229.4	226.6	224.7	225.1	225.7	1978	5.2	4.1	3.8	5.1	5.1	6.8	6.6	5.4	6.9	6.3	5.2	4.3	2.9
1979	226.3	223.2	222.4	224.3	226.8	230.4	232.6	229.6	229.1	229.6	229.7	221.9	215.9	1979	4.4	4.1	3.3	4.7	5.2	5.9	5.3	4.7	6.1	5.1	3.8	2.5	1.5
1980	202.4	213.2	211.9	211.1	199.2	187.6	191.5	191.0	199.9	204.6	205.0	206.2	207.2	1980	2.6	2.5	2.5	2.5	1.7	1.8	2.3	2.7	4.5	3.4	2.8	2.5	1.6
1981		205.9	204.4	205.9										1981		2.4	2.9	2.9									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	37.7	33.4	33.5	34.4	35.8	37.1	37.8	38.1	38.8	40.0	40.9	41.1	41.3	1977	.8	1.5	1.8	1.6	1.2	.9	.5	.6	.4	.3	.6	.4	.3
1978	43.3	40.7	40.5	40.7	41.4	42.5	44.1	43.8	44.2	44.9	45.0	45.7	45.8	1978	.5	.6	.6	.7	.7	.5	.3	.7	.6	.4	.5	.4	.6
1979	46.8	45.0	44.8	46.0	46.6	47.4	47.7	47.1	47.5	48.3	48.7	46.9	45.7	1979	.7	.8	.6	1.0	.9	.5	.5	.6	.8	.8	.7	.4	.8
1980	41.6	44.5	45.2	44.8	41.8	39.2	38.1	37.9	40.9	41.8	41.3	42.0	41.6	1980	1.9	1.7	1.5	1.1	1.3	3.0	3.8	2.9	3.2	1.8	1.3	.8	.9
1981		42.3	42.5	42.7										1981		1.2	1.1	1.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	175.6	159.6	160.5	164.5	169.7	173.1	179.1	180.3	183.7	183.7	184.8	184.3	184.1	1977	5.4	5.6	4.4	5.3	4.9	5.1	5.1	5.0	7.7	6.9	5.9	4.8	4.4
1978	188.6	182.2	181.1	182.5	185.0	187.9	194.2	193.5	194.7	191.9	190.0	189.6	190.3	1978	5.7	5.1	4.8	5.1	5.2	5.3	5.5	5.7	8.0	8.1	6.7	4.7	4.1
1979	190.0	187.8	187.2	188.7	191.0	193.9	195.9	193.3	193.3	192.6	192.8	184.9	178.8	1979	5.9	5.5	4.6	4.8	5.6	5.7	5.9	5.6	7.7	6.0	6.4	7.0	5.7
1980	166.2	176.4	175.1	174.1	162.9	152.2	156.1	155.4	164.2	168.6	168.4	170.1	171.2	1980	5.5	5.6	5.0	5.8	11.4	7.3	4.7	4.7	5.3	5.2	4.7	3.0	3.8
1981		170.3	168.9	170.0										1981		5.3	4.5	4.7									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	200.59	189.42	192.08	192.67	193.06	197.20	200.97	199.58	203.49	207.25	207.43	207.88	212.10	1977	3.2	2.0	2.0	2.8	3.0	3.5	3.3	3.3	5.5	4.9	3.3	2.5	2.4
1978	220.89	211.14	211.14	213.84	218.69	217.46	228.78	224.14	221.92	223.68	224.47	226.63	230.11	1978	3.7	2.8	2.5	3.3	3.6	3.8	3.8	3.6	5.9	5.9	4.0	3.1	2.2
1979	232.65	223.88	225.23	228.13	226.59	230.30	234.83	232.76	236.79	240.95	240.37	235.90	239.07	1979	3.3	3.0	2.5	3.1	3.7	3.6	3.4	3.5	5.6	4.2	3.1	2.4	1.6
1980	247.04	236.01	239.47	241.40	227.30	233.00	242.82	239.02	251.55	257.54	260.31	264.80	266.00	1980	2.0	2.3	2.0	1.9	2.2	1.8	1.8	2.0	2.9	2.3	2.0	1.4	1.4
1981		260.63	259.39	262.64										1981		1.7	1.8	2.0									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.04	4.92	4.90	4.89	4.90	4.93	4.95	5.04	5.10	5.13	5.16	5.21	5.25	1977	1.0	2.4	1.4	1.3	.7	.3	.5	.6	.5	.6	1.3	1.1	.9
1978	5.55	5.40	5.40	5.40	5.44	5.45	5.58	5.66	5.59	5.62	5.64	5.68	5.71	1978	.8	1.2	1.1	.6	.3	.3	.4	.9	.5	.8	1.5	.6	1.0
1979	5.55	5.77	5.79	5.79	5.84	5.86	5.93	6.03	6.01	6.10	6.07	6.08	6.13	1979	1.3	1.2	1.0	.6	.6	.7	1.2	.9	.7	.6	2.0	3.6	3.3
1980	6.40	6.13	6.22	6.27	6.16	6.23	6.34	6.46	6.50	6.57	6.59	6.67	6.65	1980	2.6	2.4	2.1	3.0	8.1	4.5	2.2	1.9	1.2	1.9	1.7	.8	1.9
1981		6.70	6.72	6.70										1981		2.7	2.0	1.7									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2431—MILLWORK													
1977	39.8	38.5	39.2	39.4	39.4	40.0	40.6	39.6	39.9	40.4	40.2	39.9	40.4	ALL EMPLOYEES—IN THOUSANDS													
1978	39.8	39.1	39.1	39.6	40.2	39.9	41.0	39.6	39.7	39.8	39.8	39.9	40.3	1977	74.7	69.3	69.4	70.7	72.2	73.4	75.8	76.2	77.9	77.7	78.4	77.6	77.7
1979	39.1	38.8	38.9	39.4	38.8	39.3	39.6	38.6	39.4	39.5	39.6	38.8	39.0	1978	78.8	76.9	76.0	77.5	78.1	78.9	80.8	80.8	80.6	79.5	78.8	78.3	79.2
1980	38.6	38.5	38.5	38.5	36.9	37.4	38.3	37.0	38.7	39.2	39.5	39.7	40.0	1979	77.7	78.2	77.5	77.4	77.9	78.9	78.5	77.5	77.5	78.5	79.0	77.1	74.7
1981		38.9	38.6	39.2										1980	70.7	75.3	75.4	75.5	70.0	64.3	65.3	65.7	69.2	71.4	71.2	72.2	72.4
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.4	2.9	3.1	3.0	3.0	3.4	3.6	3.5	3.8	3.9	3.6	3.3	3.5	1977	61.6	56.5	56.5	57.8	59.4	60.4	62.7	63.2	64.6	64.4	64.7	64.3	64.4
1978	3.2	3.0	2.9	2.9	3.2	3.1	3.3	3.3	3.3	3.4	3.3	3.3	3.5	1978	65.1	63.7	62.7	63.7	64.4	65.3	67.2	67.1	66.8	65.8	65.1	64.4	65.1
1979	2.9	3.1	2.9	2.9	2.6	2.9	2.9	2.9	3.0	3.3	3.0	2.6	2.6	1979	63.4	64.6	63.8	63.4	63.6	64.5	64.0	63.1	63.2	63.7	64.3	62.4	60.3
1980	2.3	2.3	2.3	2.4	1.8	1.7	1.9	1.8	2.2	2.5	2.6	2.9	2.9	1980	56.5	60.9	60.8	60.8	55.5	50.2	51.3	51.7	55.2	57.4	57.3	58.2	58.3
1981		2.4	2.3	2.4										1981		58.1	57.0	57.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	6.1	4.8	5.2	6.7	6.2	7.7	7.7	6.5	8.3	6.4	5.7	4.4	3.6	1977	190.00	178.69	180.26	182.44	183.22	187.70	191.35	188.16	193.43	196.80	195.82	196.12	198.19
1978	6.0	5.0	4.6	6.0	6.3	7.6	7.1	6.2	7.6	6.9	5.9	4.8	3.5	1978	208.29	196.47	198.02	201.37	205.52	206.06	210.14	211.58	213.84	214.09	210.30	213.10	216.61
1979	5.2	5.0	4.0	5.8	6.3	6.6	6.0	5.5	7.1	6.0	4.7	3.0	2.4	1979	222.71	210.72	212.39	216.12	214.86	220.00	221.87	221.54	225.23	232.25	233.04	232.46	236.79
1980	4.6	4.4	4.2	3.8	3.1	4.9	6.4	5.8	7.8	5.3	4.2	3.4	2.6	1980	245.88	231.17	239.40	242.11	231.63	238.01	239.53	231.78	243.58	257.54	260.43	264.54	266.79
1981		3.8	4.1	5.0										1981		256.70	257.56	261.03									

See footnotes at end of tables.

MANUFACTURING

SIC 2435

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2431—MILLWORK (Con.)														SIC 2431—MILLWORK (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.81	4.69	4.67	4.69	4.71	4.74	4.76	4.80	4.86	4.92	4.92	4.94	4.93	1977	1.0	3.1	1.2	1.1	0.7	0.5	0.4	0.4	0.5	0.4	1.9	1.0	1.2
1978	5.30	5.09	5.13	5.15	5.19	5.23	5.28	5.37	5.40	5.42	5.42	5.45	5.47	1978	.9	1.0	1.4	.7	.4	.3	.4	1.0	.5	.7	2.5	.7	.9
1979	5.74	5.56	5.56	5.57	5.61	5.67	5.66	5.83	5.79	5.85	5.87	5.93	6.01	1979	1.6	1.2	1.0	1.1	1.2	.8	1.5	1.6	.6	.5	3.0	3.9	2.3
1980	6.37	6.02	6.17	6.24	6.21	6.33	6.32	6.35	6.41	6.57	6.56	6.63	6.62	1980	2.7	1.9	1.5	3.2	11.1	5.0	1.6	.8	1.2	.8	2.8	.9	1.3
1981		6.72	6.76	6.78										1981		2.5	1.4	2.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2434—WOOD KITCHEN CABINETS													
1977	39.5	38.1	38.6	38.9	38.9	39.6	40.2	39.2	39.8	40.0	39.8	39.7	40.2	ALL EMPLOYEES—IN THOUSANDS													
1978	39.3	38.6	38.6	39.1	39.6	39.4	39.8	39.4	39.6	39.5	38.8	39.1	39.6	1977	44.2	37.7	38.6	40.2	42.2	43.5	44.4	45.1	46.2	47.5	48.2	48.3	49.0
1979	38.8	37.9	38.2	38.8	38.3	38.8	39.2	38.0	38.9	39.7	39.7	39.2	39.4	1978	50.0	48.2	47.7	47.6	48.0	49.3	51.2	51.4	52.4	51.3	50.7	51.2	51.5
1980	38.6	38.4	38.8	38.8	37.3	37.6	37.9	36.5	38.0	39.2	39.7	39.9	40.3	1979	54.1	51.1	51.4	53.0	53.9	55.0	56.4	55.1	55.6	55.3	55.5	53.5	53.0
1981		38.2	38.1	38.5										1980	49.0	51.6	51.4	50.8	50.4	49.0	47.2	46.7	47.3	48.1	48.4	48.3	49.1
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.6	1.9	2.0	2.0	2.1	2.6	2.9	2.7	3.1	3.2	2.7	2.6	2.8	1977	37.1	31.0	31.9	33.5	35.2	36.3	37.2	37.8	39.0	40.1	40.9	40.9	41.2
1978	2.4	2.2	2.2	2.2	2.3	2.4	2.5	2.4	2.5	2.6	2.2	2.3	2.7	1978	41.9	40.6	40.4	39.8	40.3	41.3	43.2	43.2	44.1	42.8	42.0	42.2	42.8
1979	1.9	2.0	1.9	1.8	1.6	1.7	1.8	1.8	2.0	2.2	2.0	1.7	1.8	1979	45.7	42.5	43.2	44.8	45.6	46.4	47.6	46.5	47.5	47.0	47.3	45.1	44.3
1980	1.7	1.4	1.5	1.5	1.4	1.3	1.5	1.1	1.5	1.8	2.0	2.5	2.6	1980	40.2	42.9	42.9	42.2	41.8	40.4	38.6	38.1	38.8	39.5	38.9	39.0	39.7
1981		1.9	1.5	1.6										1981		39.5	39.6	39.6									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	5.9	5.2	5.7	6.2	6.7	7.0	7.5	5.4	8.0	6.0	5.7	3.6	3.4	1977	174.93	161.72	162.99	165.02	165.76	173.04	179.64	172.05	178.69	182.44	183.14	182.60	185.55
1978	5.5	5.3	4.4	5.7	6.0	7.3	6.1	5.2	6.6	6.4	4.7	4.1	4.0	1978	199.95	188.23	189.48	190.64	197.18	197.37	202.87	200.59	201.61	206.52	203.82	207.50	208.01
1979	4.8	5.6	4.1	4.8	5.7	5.9	5.0	4.5	6.9	6.0	4.3	2.2	2.6	1979	207.31	207.04	203.04	205.36	200.71	207.04	209.88	198.74	203.58	209.59	214.18	212.06	214.33
1980	4.5	5.0	3.8	3.0	2.3	3.2	6.1	6.0	9.2	5.8	3.8	3.8	2.9	1980	217.46	215.22	210.19	209.92	213.90	208.87	214.54	205.91	220.17	220.88	222.97	227.71	238.39
1981		3.3	3.5	4.0										1981		233.25	225.33	232.56									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.0	3.2	2.9	5.2	5.6	6.3	6.9	5.1	7.7	5.7	4.7	3.4	3.1	1977	4.64	4.53	4.49	4.46	4.48	4.59	4.63	4.65	4.69	4.72	4.78	4.87	
1978	4.8	4.0	3.9	4.9	5.1	6.6	5.8	4.7	6.0	5.9	4.2	3.6	2.8	1978	5.14	5.06	5.08	5.03	5.03	5.10	5.11	5.21	5.13	5.15	5.16	5.24	5.32
1979	3.8	4.3	3.4	3.8	4.5	5.1	4.4	3.6	5.4	4.7	3.4	1.9	1.5	1979	5.47	5.42	5.40	5.39	5.41	5.42	5.48	5.43	5.40	5.53	5.52	5.61	5.67
1980	2.4	2.4	2.0	2.3	1.5	1.4	2.0	1.8	4.1	3.3	2.8	2.9	1.8	1980	5.83	5.59	5.62	5.72	5.75	5.77	5.83	5.90	5.84	5.89	5.93	6.04	6.16
1981		2.1	2.4	3.0										1981		6.09	6.09	6.12									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	.7	1.9	2.8	.8	1.0	.6	.4	.2	.2	.2	.9	.1	.2	1977	37.7	35.7	36.3	37.0	37.0	37.7	38.8	37.0	38.1	38.9	38.8	38.2	38.1
1978	.6	1.1	.4	.7	.8	.5	.2	.4	.5	.4	.4	.4	1.1	1978	38.9	37.2	37.3	37.9	39.2	38.7	39.7	38.5	39.3	40.1	39.5	39.6	39.1
1979	.9	1.2	.6	1.0	1.2	.7	.5	.7	1.4	1.2	.8	.2	1.0	1979	37.9	38.2	37.6	38.1	37.1	38.2	38.3	36.6	37.7	37.9	38.8	37.8	37.8
1980	2.1	2.5	1.7	.7	.8	1.8	4.0	4.1	5.0	2.3	.9	.8	1.1	1980	37.3	38.5	37.4	36.7	37.2	36.2	36.8	34.9	37.7	37.5	37.6	37.7	38.7
1981		1.1	1.1	.9										1981		38.3	37.0	38.0									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	5.3	6.0	4.1	4.8	4.6	4.9	4.9	4.4	7.7	6.4	6.6	4.2	4.3	1977	2.4	2.1	1.9	1.4	1.8	2.3	2.4	2.5	2.9	3.1	2.9	2.4	2.5
1978	5.4	4.6	4.9	5.0	5.1	5.3	4.7	5.4	7.4	7.8	7.1	4.1	3.8	1978	2.3	2.0	1.7	1.8	2.0	2.2	2.5	2.6	2.6	2.5	2.5	2.5	2.9
1979	5.6	5.1	4.6	5.1	5.8	5.5	5.2	5.4	6.5	5.4	7.0	6.7	4.4	1979	2.2	2.6	2.2	2.2	1.8	2.4	2.4	2.3	2.1	2.1	2.0	1.9	2.1
1980	5.3	4.8	4.4	5.7	14.1	7.0	3.7	2.9	5.6	3.8	5.5	2.9	3.2	1980	1.5	2.1	1.7	1.6	1.6	1.2	1.3	1.0	1.1	1.3	1.7	1.5	1.8
1981		5.0	3.5	4.7										1981		1.7	1.3	1.6									
QUITS PER 100 EMPLOYEES														SIC 2435—HARDWOOD VENEER AND PLYWOOD													
1977	3.3	2.0	2.1	2.8	3.0	3.3	3.4	3.2	6.2	5.1	3.5	2.4	2.3	ALL EMPLOYEES—IN THOUSANDS													
1978	3.6	2.7	2.6	3.3	3.7	4.1	3.3	3.5	5.8	5.7	3.4	2.6	2.2	1977	26.3	26.1	25.8	25.7	26.2	26.3	26.7	26.0	26.4	26.3	26.5	26.8	26.6
1979	3.0	2.7	2.8	3.2	3.5	3.6	2.8	2.9	4.8	3.8	3.0	1.9	1.5	1978	27.5	26.6	26.9	27.1	27.5	27.3	27.9	26.9	27.7	27.7	27.8	28.2	28.3
1980	1.8	2.0	2.0	1.9	1.8	1.4	1.5	1.5	2.9	2.1	1.8	1.3	1.3	1979	27.9	28.1	28.3	28.3	28.6	28.5	28.3	27.3	27.7	27.6	27.6	27.4	26.7
1981		1.7	1.4	1.7																							

See footnotes at end of tables.

SIC 2435
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 2435—HARDWOOD VENEER AND PLYWOOD (Con.)

ALL EMPLOYEES—IN THOUSANDS													
1980	25.4	26.7	26.2	26.4	26.0	24.5	24.3	23.2	24.8	25.1	25.2	25.7	26.1
1981		26.3	26.4	26.8									

PRODUCTION WORKERS—IN THOUSANDS													
1977	23.3	23.1	22.8	22.7	23.3	23.3	23.7	23.1	23.4	23.3	23.4	23.8	23.6
1978	24.6	23.5	24.0	24.2	24.5	24.4	25.0	24.1	24.7	24.8	24.8	25.3	25.4
1979	24.8	25.2	25.3	25.3	25.5	25.4	25.3	24.2	24.6	24.5	24.5	24.4	23.6
1980	22.4	23.8	23.4	23.5	23.0	21.7	21.5	20.2	21.7	22.0	22.1	22.5	23.0
1981		23.1	23.2	23.6									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	168.09	156.39	166.04	165.24	163.61	164.42	168.50	165.63	169.72	174.70	175.12	171.72	176.76
1978	180.50	173.09	178.53	179.08	181.97	181.48	184.09	172.90	177.75	177.58	183.37	184.28	189.11
1979	188.80	183.41	182.56	186.13	184.32	185.18	185.14	187.78	191.83	197.64	194.32	191.60	199.34
1980	195.50	189.34	189.81	197.90	183.54	181.45	185.44	184.88	196.47	201.73	205.60	210.71	219.03
1981		212.00	215.99	219.01									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.13	4.01	4.03	4.06	4.07	4.08	4.08	4.11	4.17	4.23	4.23	4.24	4.28
1978	4.49	4.36	4.43	4.40	4.46	4.47	4.49	4.55	4.50	4.53	4.55	4.55	4.59
1979	4.72	4.62	4.61	4.63	4.69	4.70	4.64	4.73	4.76	4.88	4.81	4.79	4.85
1980	5.00	4.88	4.93	4.96	4.83	4.75	4.88	4.97	5.09	5.12	5.14	5.19	5.24
1981		5.30	5.32	5.29									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	40.7	39.0	41.2	40.7	40.2	40.3	41.3	40.3	40.7	41.3	41.4	40.5	41.3
1978	40.2	39.7	40.3	40.7	40.8	40.6	41.0	38.0	39.5	39.2	40.3	40.5	41.2
1979	40.0	39.7	39.6	40.2	39.3	39.4	39.9	39.7	40.3	40.5	40.4	40.0	41.1
1980	39.1	38.8	38.5	39.9	38.0	38.2	38.0	37.2	38.6	39.4	40.0	40.6	41.8
1981		40.0	40.6	41.4									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	4.1	3.1	4.4	4.3	3.6	3.9	4.2	3.8	4.5	4.5	4.4	4.0	4.2
1978	3.8	3.7	3.9	3.8	4.0	3.8	4.0	3.6	3.9	3.8	3.8	3.9	3.9
1979	3.7	3.6	3.6	3.7	3.3	3.6	3.6	3.6	3.7	4.1	4.0	3.9	3.8
1980	3.0	3.1	2.8	3.5	2.6	2.3	2.2	2.1	2.9	3.6	3.5	3.5	3.9
1981		3.3	3.6	3.8									

SIC 2436—SOFTWOOD VENEER AND PLYWOOD

ALL EMPLOYEES—IN THOUSANDS													
1977	46.9	45.0	45.0	45.5	45.8	46.3	47.5	48.0	48.3	47.9	48.0	47.9	47.9
1978	49.1	47.8	48.2	48.5	48.7	49.0	50.2	50.0	49.9	49.5	49.1	49.1	49.0
1979	48.7	48.8	48.9	48.6	48.6	49.9	50.6	50.2	49.2	49.0	48.3	46.8	45.2
1980	41.4	43.5	42.8	42.5	37.7	35.3	39.9	40.1	42.3	43.4	42.9	43.0	43.2
1981		42.8	43.2	42.6									

PRODUCTION WORKERS—IN THOUSANDS													
1977	41.8	40.3	40.4	40.9	41.0	41.3	42.4	42.7	42.9	42.4	42.5	42.4	42.4
1978	43.2	42.3	42.6	42.9	43.0	43.3	44.3	44.0	43.8	43.4	43.2	43.0	43.0
1979	42.2	42.2	42.3	42.0	42.1	43.5	44.1	43.9	42.8	42.7	41.9	40.4	38.8
1980	35.5	37.1	36.6	36.2	31.9	29.7	34.1	34.3	36.5	37.3	37.1	37.5	37.9
1981		37.9	38.4	37.9									

SIC 2436—SOFTWOOD VENEER AND PLYWOOD (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	259.17	246.41	246.60	246.38	249.42	252.28	252.60	258.13	260.76	268.16	271.05	273.97	282.63
1978	289.95	284.60	278.30	277.64	285.60	280.13	314.43	301.14	284.62	286.63	290.90	293.97	299.29
1979	303.81	291.10	297.88	302.63	302.09	299.71	310.02	306.83	316.16	315.93	310.78	294.91	297.22
1980	313.23	303.03	308.85	308.88	265.52	293.76	315.34	314.02	328.45	326.42	328.03	336.15	321.05
1981		326.36	326.36	327.64									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	6.23	6.01	6.00	5.98	6.01	5.95	6.00	6.25	6.36	6.40	6.50	6.57	6.65
1978	6.97	6.76	6.69	6.69	6.80	6.75	7.13	7.17	7.08	7.13	7.13	7.17	7.16
1979	7.52	7.17	7.23	7.24	7.35	7.31	7.58	7.69	7.73	7.82	7.75	7.68	7.74
1980	7.95	7.77	7.76	7.80	7.63	7.69	7.71	7.97	8.09	8.12	8.16	8.30	8.19
1981		8.20	8.20	8.13									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	41.6	41.0	41.1	41.2	41.5	42.4	42.1	41.3	41.0	41.9	41.7	41.7	42.5
1978	41.6	42.1	41.6	41.5	42.0	41.5	44.1	42.0	40.2	40.2	40.8	41.0	41.8
1979	40.4	40.6	41.2	41.8	41.1	41.0	40.9	39.9	40.9	40.4	40.1	38.4	38.4
1980	39.4	39.0	39.8	39.6	34.8	38.2	40.9	39.4	40.6	40.2	40.2	40.5	39.2
1981		39.8	39.8	40.3									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	5.0	5.0	4.9	4.9	5.0	5.1	4.7	4.9	5.0	5.3	5.3	4.9	5.0
1978	4.9	5.0	5.0	4.7	5.2	4.7	4.8	4.7	4.8	4.9	5.0	5.0	5.0
1979	4.6	5.0	4.8	5.1	4.7	4.8	4.4	4.3	4.8	5.2	4.8	4.0	3.7
1980	3.6	3.7	4.2	4.1	2.3	2.6	3.0	3.2	4.0	3.7	3.7	4.2	3.7
1981		3.5	3.6	3.4									

SIC 244—WOOD CONTAINERS

ALL EMPLOYEES—IN THOUSANDS													
1977	42.0	39.8	40.3	41.4	42.1	42.4	43.3	42.7	43.0	42.4	42.0	42.3	42.1
1978	44.4	41.7	42.0	42.5	44.0	43.7	46.0	45.6	46.0	44.6	45.3	45.5	45.5
1979	46.9	45.5	46.7	47.5	48.3	48.5	48.5	48.0	46.8	46.5	46.4	45.2	45.0
1980	42.6	43.4	44.3	44.9	44.1	43.7	43.4	41.5	40.8	41.2	41.6	41.2	41.6
1981		41.4	41.8	42.4									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	7.2	6.9	7.1	7.2	7.3	7.5	7.5	7.2	7.2	7.2	7.2	7.2	7.3
1978	7.2	7.2	7.0	6.9	7.3	7.0	7.6	7.4	7.4	7.3	7.4	7.3	7.1
1979	7.6	7.4	7.4	7.7	7.8	7.8	8.0	7.9	7.5	7.6	7.5	7.3	7.3
1980	7.1	6.9	7.1	7.3	6.8	7.1	7.0	6.9	7.0	7.1	7.1	7.2	7.2
1981		7.0	6.9	6.9									

PRODUCTION WORKERS—IN THOUSANDS													
1977	37.1	34.9	35.5	36.5	37.3	37.5	38.3	37.7	38.0	37.4	37.0	37.3	37.2
1978	39.1	36.6	36.9	37.4	39.0	38.5	40.6	40.2	40.6	39.4	40.1	40.2	40.1
1979	41.3	40.1	41.4	42.0	43.0	43.0	42.9	42.5	41.0	40.8	40.8	39.5	39.0
1980	36.9	37.8	38.6	39.0	38.3	37.7	37.4	35.9	35.3	35.7	35.9	35.6	36.0
1981		35.7	35.9	36.4									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	144.40	132.40	140.58	140.56	140.98	144.72	147.43	144.78	145.92	148.22	148.61	146.30	149.76
1978	156.18	139.48	148.45	152.82	154.71	157.12	157.47	160.19	158.12	158.30	160.44	162.09	162.89
1979	170.69	158.61	164.00	168.35	166.06	169.02	172.66	169.10	172.21	177.79	175.18	175.31	179.63
1980	185.01	180.27	178.82	184.35	180.68	182.29	180.07	178.49	184.14	190.13	192.15	191.86	198.60
1981		196.51	199.18	207.04									

MANUFACTURING

SIC 245

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 244—WOOD CONTAINERS (Con.)														SIC 244—WOOD CONTAINERS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	3.78	3.74	3.68	3.67	3.71	3.73	3.79	3.79	3.81	3.84	3.86	3.84	3.84	1977	0.9	1.5	1.0	0.7	0.5	0.6	0.1	1.3	1.3	0.7	1.4	1.2	1.1
1978	4.11	3.94	3.98	3.99	4.05	4.06	4.09	4.15	4.15	4.21	4.20	4.21	4.22	1978	.8	1.8	.9	.7	.8	.3	.7	.8	.6	.3	1.1	.9	1.3
1979	4.48	4.31	4.35	4.35	4.37	4.39	4.45	4.45	4.52	4.63	4.61	4.65	4.69	1979	.8	.6	.3	1.0	.2	.3	.9	.9	1.7	.6	1.2	.8	1.3
1980	4.96	4.82	4.82	4.89	4.87	4.94	4.92	4.89	4.95	5.03	5.07	5.13	5.24	1980	2.0	1.3	.8	1.4	2.0	2.2	3.2	2.4	2.7	2.3	1.9	2.0	2.1
1981		5.34	5.34	5.42										1981		2.0	1.4	1.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 245—WOOD BUILDINGS AND MOBILE HOMES													
1977	38.2	35.4	38.2	38.3	38.0	38.8	38.9	38.2	38.3	38.6	38.5	38.1	39.0	ALL EMPLOYEES—IN THOUSANDS													
1978	38.0	35.4	37.3	38.3	38.2	38.7	38.5	38.6	38.1	37.6	38.2	38.5	38.6	1977	82.1	69.2	69.0	73.5	77.5	80.8	85.0	86.2	89.7	89.4	90.2	88.2	86.8
1979	38.1	36.8	37.7	38.7	38.0	38.5	38.8	38.0	38.1	38.4	38.0	37.7	38.3	1978	87.3	82.8	81.7	82.6	88.1	90.3	92.4	91.1	91.7	89.2	87.9	85.9	84.1
1980	37.3	37.4	37.1	37.7	37.1	36.9	36.6	36.5	37.2	37.8	37.9	37.4	37.9	1979	83.4	78.7	77.4	81.0	83.6	85.5	88.4	87.2	88.3	87.4	86.0	81.4	75.3
1981		36.8	37.3	38.2										1980	65.0	69.6	71.2	71.2	64.7	60.3	59.0	59.0	63.7	65.0	66.0	66.2	63.8
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.9	2.5	3.0	3.0	2.7	3.0	3.2	2.8	2.9	3.1	3.2	2.8	3.1	1977	9.2	7.8	7.9	8.2	8.5	9.0	9.3	9.5	9.8	10.1	10.4	10.4	9.6
1978	3.1	2.3	2.9	3.0	3.3	3.5	3.5	3.3	3.0	3.0	3.1	3.1	3.2	1978	10.6	10.0	10.0	9.9	10.7	10.7	10.7	10.8	10.9	11.0	11.0	11.0	10.7
1979	2.8	2.8	3.0	3.1	2.9	3.0	3.0	2.6	2.7	3.3	2.7	2.4	2.6	1979	10.9	10.2	10.2	10.6	10.8	11.2	11.5	11.2	11.3	11.3	11.3	10.8	9.9
1980	2.0	2.2	2.4	2.6	2.0	1.9	1.7	1.4	1.6	2.1	1.9	1.7	2.0	1980	8.3	9.4	9.4	9.3	8.4	7.6	7.5	7.5	8.1	8.1	8.3	8.2	8.0
1981		1.7	1.7	2.0										1981		7.7	7.7	8.0									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	8.3	7.6	7.9	8.9	7.4	9.4	9.5	8.1	10.2	9.2	8.4	7.3	5.8	1977	65.8	53.9	54.2	57.9	61.7	64.7	68.7	69.3	72.9	72.7	73.1	71.2	69.6
1978	9.2	8.2	8.7	9.5	9.4	10.4	10.0	9.7	11.9	9.7	9.4	8.4	5.5	1978	72.0	69.9	68.2	68.7	73.3	75.5	77.0	75.4	75.3	72.6	71.4	69.2	67.4
1979	7.9	10.4	7.8	8.0	9.4	10.0	8.3	7.1	8.4	8.2	8.0	5.4	4.0	1979	66.2	62.5	60.9	64.0	66.4	68.4	70.8	69.7	71.1	69.7	68.6	64.1	58.3
1980	5.8	6.0	6.0	6.2	5.6	6.4	6.1	5.1	8.0	6.7	6.3	3.8	3.5	1980	48.5	52.8	54.6	54.2	48.5	44.0	42.9	43.9	47.7	48.2	49.3	48.9	47.0
1981		5.4	4.9	5.0										1981		44.3	44.3	46.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	7.2	5.5	6.6	7.5	5.8	8.2	8.7	7.3	8.9	8.6	7.7	6.3	4.8	1977	182.83	166.44	167.98	175.94	178.10	184.16	186.68	186.12	190.88	191.97	189.67	187.68	182.09
1978	8.2	6.6	7.2	7.8	7.8	9.3	9.0	8.9	10.9	9.1	8.7	7.6	4.7	1978	197.60	175.64	178.83	186.50	195.84	201.11	204.88	198.60	204.34	206.27	211.29	206.36	201.47
1979	7.0	9.0	6.6	7.0	7.7	9.3	7.8	6.4	7.5	7.2	7.1	4.7	3.5	1979	211.31	196.91	195.47	202.95	204.24	213.36	216.21	210.74	219.25	221.55	218.11	215.05	216.88
1980	4.2	5.0	5.0	4.8	4.0	4.4	4.3	3.3	5.0	4.5	4.2	2.7	2.7	1980	222.16	209.57	204.86	210.10	207.95	210.98	217.77	222.40	234.60	239.51	241.81	236.25	232.13
1981		3.9	3.1	3.0										1981		219.04	218.82	222.53									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.0	1.8	1.2	1.2	1.5	1.0	.7	.6	1.1	.5	.7	.8	.9	1977	4.70	4.56	4.54	4.63	4.65	4.71	4.75	4.70	4.69	4.74	4.73	4.80	4.83
1978	.9	1.5	1.5	1.5	1.4	.9	.8	.7	.8	.5	.4	.3	.5	1978	5.20	4.92	4.94	5.00	5.10	5.17	5.20	5.24	5.28	5.33	5.39	5.36	5.46
1979	.7	1.2	.6	.8	1.6	.5	.5	.6	.7	.8	.5	.7	.4	1979	5.62	5.38	5.46	5.50	5.52	5.60	5.66	5.59	5.68	5.71	5.68	5.75	5.83
1980	1.5	.7	1.0	1.2	1.5	1.9	1.7	1.4	2.9	2.0	1.9	1.1	.6	1980	6.12	5.92	5.87	6.02	6.01	6.08	6.10	6.11	6.19	6.27	6.33	6.25	6.24
1981		1.3	1.5	1.8										1981		6.17	6.27	6.34									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	8.1	7.2	6.6	7.3	6.7	7.5	9.0	9.0	11.5	9.3	8.6	7.0	6.8	1977	38.9	36.5	37.0	38.0	38.3	39.1	39.3	39.6	40.7	40.5	40.1	39.1	37.7
1978	9.0	8.4	7.2	8.1	8.2	8.9	8.7	10.3	12.8	9.5	9.7	8.4	6.9	1978	38.0	35.7	36.2	37.3	38.4	38.9	39.4	37.9	38.7	38.7	39.2	38.5	36.9
1979	8.1	7.5	6.5	8.0	7.6	9.7	8.8	8.6	12.3	8.0	8.6	6.2	5.7	1979	37.6	36.6	35.8	36.9	37.0	38.1	38.2	37.7	38.6	38.8	38.4	37.4	37.2
1980	6.7	5.8	4.8	6.5	6.9	7.1	8.1	7.3	9.1	7.7	5.7	5.6	5.5	1980	36.3	35.4	34.9	34.9	34.6	34.7	35.7	36.4	37.9	38.2	38.2	37.8	37.2
1981		5.4	4.1	4.4										1981		35.5	34.9	35.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	6.1	4.8	4.6	5.6	5.3	6.1	7.0	6.7	9.3	7.4	6.1	5.1	4.7	1977	2.7	2.0	1.6	2.0	2.3	2.9	3.1	3.1	3.4	3.4	2.9	2.5	2.1
1978	7.1	5.6	5.1	6.7	6.3	7.5	7.1	8.4	11.3	8.2	7.5	6.6	4.5	1978	2.3	1.6	1.7	1.7	2.2	2.4	2.9	2.6	2.8	2.7	2.7	2.3	2.1
1979	6.2	5.6	5.0	5.9	6.5	8.1	7.0	6.6	8.8	6.4	6.2	4.6	3.2	1979	2.0	1.9	1.5	1.5	1.5	2.0	2.1	2.1	2.4	2.4	2.4	2.0	1.7
1980	3.8	3.7	3.1	4.1	4.0	3.9	4.2	4.0	5.3	4.4	3.1	3.0	2.7	1980	1.5	1.3	1.2	1.1	.9	.9	1.1	1.3	1.8	2.2	2.2	2.1	1.8
1981		2.6	2.1	2.3										1981		1.3	1.2	1.3									

See footnotes at end of tables.

MANUFACTURING

See footnotes at end of tables.

MANUFACTURING

SIC 25

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2451—MOBILE HOMES (Con.)														SIC 249—MISCELLANEOUS WOOD PRODUCTS (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	7.3	4.8	5.5	7.3	7.6	8.6	8.5	8.4	11.4	9.1	6.3	5.3	4.0	1977	3.4	2.9	3.4	3.2	3.2	3.3	3.6	3.2	3.5	3.7	3.7	3.5	3.5
1978	7.2	5.0	5.1	6.9	7.3	8.0	7.6	8.2	10.9	8.2	8.3	6.2	3.7	1978	3.4	3.1	3.5	3.4	3.4	3.4	3.3	3.1	3.3	3.8	3.6	3.5	3.6
1979	6.9	6.7	5.5	7.7	6.4	6.7	6.6	7.2	10.3	8.0	7.8	5.3	3.5	1979	3.4	3.2	3.2	3.4	3.2	3.2	3.4	3.2	3.5	3.7	3.6	3.6	3.3
1980	5.0	5.6	5.0	5.6	5.5	4.9	4.4	4.3	6.3	5.4	4.7	4.4	3.1	1980	2.8	2.9	3.0	3.1	2.6	2.3	2.3	2.3	2.7	2.9	3.0	3.0	3.2
1981		5.0	5.2	4.9										1981		2.7	2.9	3.1									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.4	2.2	3.4	.9	1.3	.4	1.4	.6	.9	.5	.9	1.3	3.1	1977	5.5	5.8	5.1	5.8	5.7	6.6	6.2	4.9	7.0	6.1	5.4	4.2	2.8
1978	1.1	1.3	1.0	1.3	.9	.3	.4	.9	1.1	.6	1.3	1.1	3.5	1978	5.4	5.2	4.5	5.5	5.3	6.5	5.9	5.2	6.6	6.4	5.7	4.3	3.4
1979	2.5	5.4	3.1	1.7	.6	.8	.2	.6	1.1	1.4	4.1	7.5	3.6	1979	5.3	5.4	5.1	4.9	5.2	6.6	5.7	5.1	7.2	6.4	5.1	4.2	2.5
1980	3.8	5.9	4.9	6.8	5.9	3.9	4.3	.7	.9	2.4	.7	3.5	4.5	1980	4.6	4.5	5.0	4.9	3.7	4.5	4.3	4.0	6.8	6.0	5.2	3.6	3.3
1981		4.2	2.6	1.3										1981		4.6	4.2	4.1									
SIC 249—MISCELLANEOUS WOOD PRODUCTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	4.6	4.0	3.8	4.6	4.8	5.8	5.5	4.2	5.9	5.5	4.8	3.7	2.2
1977	79.0	76.0	76.4	77.1	77.8	78.7	80.2	79.0	79.8	79.8	80.8	81.0	81.1	1978	4.6	4.1	3.8	4.6	4.6	5.6	5.2	4.4	5.9	5.8	5.1	3.8	2.9
1978	83.0	80.7	81.1	82.1	82.8	83.2	83.9	82.2	83.4	83.2	84.1	84.5	84.5	1979	4.3	3.7	4.3	4.2	4.7	5.7	5.0	4.2	5.5	5.1	4.5	3.4	1.9
1979	84.6	84.0	84.3	84.7	84.9	84.9	85.6	82.6	84.8	85.5	85.3	85.0	83.8	1980	3.2	3.3	3.8	3.5	2.7	2.9	2.5	2.7	4.0	4.5	4.1	2.8	2.2
1980	80.4	82.9	83.4	84.3	82.6	79.3	79.6	75.9	78.2	79.0	79.9	79.7	80.2	1981		3.2	3.2	3.3									
1981		78.9	79.5	80.3																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	18.3	17.4	17.2	17.5	17.8	18.3	18.4	18.0	18.4	18.6	19.2	19.5	19.5	1977	.7	1.5	1.1	1.0	.7	.4	.5	.5	.8	.4	.4	.5	.4
1978	20.3	19.4	19.7	20.1	20.4	20.5	20.7	19.8	20.4	20.2	20.6	21.1	20.9	1978	.5	1.0	.6	.6	.6	.3	.4	.6	.6	.5	.4	.3	.3
1979	21.2	20.6	21.0	21.1	21.3	21.2	21.2	20.4	21.0	21.8	22.1	21.7	21.2	1979	.6	1.0	.5	.5	.2	.6	.5	.6	1.3	.7	.4	.6	.5
1980	20.5	20.7	20.9	21.4	20.6	19.9	20.1	19.2	19.9	20.5	20.8	21.0	21.1	1980	1.2	1.0	1.1	1.3	1.0	1.4	1.6	1.2	2.4	1.2	.8	.6	.8
1981		20.5	20.6	20.6										1981		1.1	.8	.7									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	65.0	61.3	62.0	62.6	63.4	64.5	66.1	65.0	66.2	66.3	67.3	67.5	67.8	1977	4.9	4.4	3.9	4.4	4.3	5.3	4.7	5.3	6.8	6.4	5.2	4.1	4.6
1978	69.7	67.4	67.8	68.8	69.5	69.9	70.7	69.1	70.3	69.9	70.9	71.2	71.3	1978	5.1	4.4	4.0	4.6	4.6	4.9	5.1	5.6	7.6	6.0	5.6	4.1	4.5
1979	71.0	71.0	71.2	71.6	71.6	71.5	71.9	68.8	70.7	71.7	71.5	71.2	69.7	1979	5.3	4.5	4.5	4.8	4.8	5.4	5.2	5.2	7.8	5.5	5.6	5.6	4.7
1980	66.6	68.8	69.2	69.9	68.6	65.5	65.7	62.2	64.3	65.3	66.3	66.2	66.6	1980	5.2	4.9	4.5	5.4	6.1	6.4	4.4	5.9	6.1	5.1	5.0	4.5	3.8
1981		65.6	66.4	67.0										1981		4.5	3.1	3.5									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	169.18	154.98	162.37	163.90	165.53	167.16	171.32	170.80	171.68	173.26	174.99	176.14	177.36	1977	3.2	2.5	2.1	2.9	2.9	3.7	3.3	3.5	5.1	4.5	3.4	2.7	2.1
1978	183.81	169.34	176.01	178.65	180.64	181.49	186.53	184.39	185.00	187.53	188.47	188.87	195.21	1978	3.5	2.4	2.5	3.2	3.4	3.8	3.7	3.3	5.5	4.7	3.9	2.8	2.4
1979	199.30	190.79	190.70	194.17	193.74	193.91	201.14	200.80	203.72	204.42	203.81	205.02	210.01	1979	3.2	2.7	2.9	3.0	3.3	4.0	3.4	3.1	5.2	4.1	2.9	2.5	1.8
1980	215.32	206.32	211.20	212.40	206.59	206.31	211.29	210.37	217.60	221.35	222.86	225.28	231.49	1980	2.4	2.5	2.3	2.6	2.7	2.4	2.1	2.3	3.6	3.0	2.4	2.1	1.4
1981		227.93	232.76	236.40										1981		2.0	1.5	1.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.24	4.10	4.09	4.16	4.18	4.20	4.23	4.27	4.31	4.31	4.36	4.39	4.82	1977	.8	1.0	1.0	.7	.4	.5	.5	.9	.6	.7	.7	.6	1.6
1978	4.63	4.48	4.49	4.50	4.55	4.56	4.64	4.68	4.70	4.70	4.71	4.82	5.16	1978	.7	1.0	.6	.6	.3	.3	.4	1.2	.8	.5	.8	.4	1.3
1979	4.97	4.83	4.84	4.83	4.88	4.86	4.93	5.02	5.03	5.06	5.07	5.10	5.66	1979	1.0	.9	.7	.7	.7	.4	.4	1.2	1.3	.5	1.5	1.9	2.1
1980	5.41	5.21	5.28	5.31	5.23	5.29	5.39	5.45	5.44	5.52	5.53	5.59	5.66	1980	1.7	1.6	1.1	1.6	2.4	2.9	1.6	2.6	1.3	1.0	1.6	1.6	1.5
1981		5.67	5.79	5.78										1981		1.0	.6	1.0									
SIC 25—FURNITURE AND FIXTURES														ALL EMPLOYEES—IN THOUSANDS													
1977	39.9	37.8	39.7	39.4	39.6	39.8	40.5	40.0	40.3	40.2	40.6	40.4	40.4	1977	464.3	446.5	447.4	450.9	453.6	456.0	463.8	456.1	468.6	475.8	480.7	483.9	487.7
1978	39.7	37.8	39.2	39.7	39.7	39.8	40.2	39.4	39.7	39.9	40.1	40.1	40.5	1978	494.1	486.3	488.8	491.7	491.6	491.6	493.8	481.5	493.3	498.2	501.9	504.6	505.7
1979	40.1	39.5	39.4	40.2	39.7	39.9	40.8	40.0	40.5	40.4	40.2	40.2	40.7	1979	497.8	505.4	504.2	501.6	498.3	494.1	494.9	485.0	495.2	497.1	499.6	500.1	498.0
1980	39.8	39.6	40.0	40.0	39.5	39.0	39.2	38.6	40.0	40.1	40.3	40.3	40.9	1980	468.8	493.7	490.4	489.3	483.7	464.0	455.9	433.4	449.8	461.6	465.0	468.6	470.5
1981		40.2	40.2	40.9										1981		469.6	471.7	472.1									

See footnotes at end of tables.

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 25—FURNITURE AND FIXTURES (Con.)														SIC 25—FURNITURE AND FIXTURES (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	130.7	124.8	124.7	126.1	127.4	128.6	129.7	126.1	130.6	134.6	137.1	138.4	139.9	1977	0.8	1.2	1.2	1.0	0.9	0.6	0.7	1.0	0.8	0.9	0.4	0.3	0.4
1978	143.7	140.0	140.8	141.5	141.8	142.8	142.2	138.2	142.3	146.4	148.0	150.4	150.1	1978	.4	.4	.3	.4	.4	.4	.3	.9	.5	.4	.4	.3	.3
1979	146.7	149.9	149.1	148.0	145.7	145.3	144.7	141.5	145.2	146.7	147.8	148.5	148.5	1979	.6	.4	.4	.5	.6	.6	.5	1.3	1.0	.4	.5	.5	.6
1980	139.0	146.5	144.8	144.7	144.1	137.9	133.7	127.0	132.2	136.5	138.4	140.4	141.9	1980	.9	.7	.7	.6	.4	.6	1.0	1.5	1.5	1.4	.9	.7	1.0
1981		141.0	142.6	142.9										1981		1.1	.7	.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	381.8	366.2	367.4	370.5	372.9	375.2	382.3	374.0	385.3	391.4	395.8	399.2	401.5	1977	5.2	4.7	4.4	5.0	5.1	5.5	4.7	6.1	7.5	6.8	5.1	4.4	3.7
1978	406.3	400.6	402.1	405.2	405.0	404.9	406.3	393.3	404.8	409.8	412.9	415.1	416.0	1978	5.7	4.9	4.4	5.4	5.3	5.9	6.1	6.3	8.2	7.2	5.9	5.0	4.0
1979	405.9	414.4	413.3	410.8	405.9	401.2	402.8	393.0	402.5	405.3	407.9	408.2	405.8	1979	5.3	5.2	4.6	5.5	5.4	6.0	4.9	5.9	7.3	5.3	5.2	4.6	3.5
1980	378.5	402.1	398.5	397.9	392.5	373.4	364.7	345.1	360.5	372.1	376.0	378.6	380.5	1980	4.5	4.9	4.0	4.5	5.0	5.8	4.6	5.6	5.4	4.4	4.3	2.9	3.3
1981		379.1	380.9	380.9										1981		3.9	3.5	3.9									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	169.26	153.04	158.80	163.28	161.97	165.68	170.64	168.39	173.80	175.87	178.04	177.91	182.66	1977	3.2	2.4	2.3	3.0	3.1	3.4	2.9	3.4	5.3	4.5	3.4	2.7	2.0
1978	183.92	170.17	178.36	181.03	180.85	180.71	185.93	182.52	186.44	188.02	189.29	189.60	194.89	1978	3.8	2.9	2.8	3.5	3.7	4.1	3.9	4.0	6.0	5.1	4.1	3.2	2.1
1979	195.82	186.52	187.45	193.05	185.13	191.12	196.33	192.02	197.88	202.02	203.97	205.15	210.27	1979	3.2	3.3	2.7	3.4	3.3	3.7	3.0	3.2	4.9	3.6	3.2	2.3	1.6
1980	209.17	202.37	204.67	207.13	204.66	202.54	205.15	200.19	208.68	214.10	215.60	216.19	225.72	1980	2.1	2.5	2.2	2.5	2.2	2.2	1.7	1.8	2.8	2.5	2.1	1.4	1.3
1981		217.55	219.84	223.49										1981		1.8	1.6	2.0									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.34	4.17	4.19	4.23	4.24	4.27	4.32	4.34	4.40	4.43	4.44	4.47	4.51	1977	1.0	1.3	1.2	1.0	.9	1.0	.8	1.7	.8	1.1	.6	.6	.8
1978	4.68	4.55	4.55	4.56	4.59	4.61	4.66	4.68	4.72	4.76	4.78	4.80	4.86	1978	.7	.8	.5	.7	.4	.5	1.0	1.3	.6	.7	.5	.7	.9
1979	5.06	4.87	4.92	4.95	4.95	4.99	5.06	5.04	5.10	5.18	5.19	5.22	5.27	1979	.9	.8	.8	.9	.9	1.1	.6	1.5	.9	.6	.7	1.1	1.2
1980	5.49	5.27	5.33	5.38	5.40	5.43	5.50	5.53	5.55	5.59	5.60	5.63	5.70	1980	1.5	1.3	.8	.9	1.8	2.6	2.1	2.8	1.5	.8	1.2	.9	1.3
1981		5.71	5.74	5.76										1981		1.2	1.0	1.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 251—HOUSEHOLD FURNITURE													
1977	39.0	36.7	37.9	38.6	38.2	38.8	39.5	38.8	39.5	39.7	40.1	39.8	40.5	ALL EMPLOYEES—IN THOUSANDS													
1978	39.3	37.4	39.2	39.7	39.4	39.2	39.9	39.0	39.5	39.5	39.6	39.5	40.1	1977	315.1	303.8	305.1	306.6	309.5	310.8	315.2	307.4	317.1	322.6	325.9	327.7	329.4
1979	38.7	38.3	38.1	39.0	37.4	38.3	38.8	38.1	38.8	39.0	39.3	39.3	39.9	1978	331.8	328.8	331.8	333.4	332.6	331.5	331.6	319.7	328.7	332.9	335.6	337.3	337.4
1980	38.1	38.4	38.4	38.5	37.9	37.3	37.3	36.2	37.6	38.3	38.5	38.4	39.6	1979	329.2	337.1	335.4	333.6	330.7	327.6	327.6	317.5	325.3	327.2	329.7	330.1	329.1
1981		38.1	38.3	38.8										1980	305.1	324.9	321.7	320.4	316.4	303.0	293.0	272.1	288.2	299.4	304.1	307.4	310.4
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.4	1.6	1.9	2.0	1.8	2.2	2.5	2.2	2.8	3.0	3.0	2.9	3.1	1977	99.7	95.3	95.4	96.4	97.8	98.3	98.8	95.4	99.3	102.8	105.0	105.8	106.0
1978	2.7	2.3	2.8	2.7	2.5	2.5	2.8	2.4	2.8	2.9	2.8	2.7	3.0	1978	108.0	106.0	107.2	107.3	107.1	107.7	106.6	102.8	106.2	109.8	110.9	112.7	111.9
1979	2.2	2.3	2.2	2.2	1.5	1.9	2.2	1.9	2.2	2.6	2.5	2.4	2.5	1979	108.1	111.8	110.8	110.0	107.4	106.9	106.2	103.1	106.4	107.7	108.8	109.4	109.1
1980	1.7	1.9	1.9	2.0	1.7	1.4	1.4	1.1	1.6	1.8	1.9	1.7	2.2	1980	100.5	107.3	105.7	105.4	104.9	100.2	96.0	89.4	94.2	97.9	99.9	101.5	103.1
1981		1.9	1.9	1.9										1981		101.9	102.8	102.8									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.6	5.0	4.6	4.9	5.3	6.1	5.7	6.0	8.3	7.6	5.9	4.6	3.1	1977	268.4	258.9	260.4	261.9	264.1	265.3	268.6	260.6	269.5	274.3	277.3	279.5	280.7
1978	5.9	5.6	4.5	5.3	5.4	6.5	6.1	6.6	8.2	7.4	6.6	5.0	3.1	1978	282.4	280.3	282.8	284.5	283.6	282.8	282.4	270.2	278.8	283.2	285.5	287.2	287.4
1979	5.1	5.5	4.2	4.9	4.9	6.1	5.0	5.8	6.9	5.8	5.5	3.8	2.5	1979	278.2	286.6	285.3	283.3	278.9	275.4	276.2	266.4	273.6	276.2	279.0	279.4	277.9
1980	3.9	4.6	3.8	4.0	3.3	3.1	3.2	3.8	4.9	5.5	4.2	3.1	2.8	1980	255.8	274.4	271.3	270.6	266.6	253.3	243.5	224.8	239.9	250.8	255.4	257.9	260.7
1981		4.0	3.4	3.9										1981		258.7	260.8	260.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.6	3.5	3.3	3.8	4.2	5.3	4.9	4.8	7.2	6.5	5.4	4.2	2.6	1977	156.33	140.07	145.84	151.27	149.29	152.82	157.17	154.35	160.31	163.51	165.59	164.30	170.91
1978	5.2	4.9	4.0	4.6	4.8	5.8	5.6	5.5	7.4	6.8	6.0	4.4	2.6	1978	171.21	155.98	165.75	169.88	168.56	168.00	173.01	168.19	173.60	174.33	176.46	176.34	182.34
1979	4.3	4.9	3.7	4.3	4.3	5.3	4.3	4.4	5.7	5.2	4.8	3.2	1.8	1979	183.26	173.04	174.93	180.81	173.72	178.60	182.78	179.74	185.28	188.57	190.51	191.78	197.51
1980	2.8	3.6	3.0	3.2	2.7	2.2	2.0	2.2	3.3	3.9	3.2	2.2	1.7	1980	193.02	188.33	189.74	192.65	190.39	185.84	186.52	182.31	191.14	197.17	199.79	200.17	209.61
1981		2.7	2.5	2.9										1981		200.56	204.22	208.59									

See footnotes at end of tables.

MANUFACTURING

SIC 2511

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 251—HOUSEHOLD FURNITURE (Con.)														SIC 251—HOUSEHOLD FURNITURE (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.05	3.88	3.91	3.96	3.96	3.99	4.03	4.03	4.10	4.15	4.15	4.17	4.22	1977	0.8	1.3	0.8	0.7	0.4	0.8	0.8	1.7	0.8	1.0	0.4	0.3	0.7
1978	4.39	4.25	4.25	4.29	4.30	4.33	4.38	4.38	4.44	4.47	4.49	4.51	4.57	1978	.6	.4	.4	.4	.4	.5	1.2	1.5	.6	.6	.3	.6	.8
1979	4.76	4.59	4.64	4.66	4.67	4.70	4.76	4.73	4.80	4.86	4.86	4.88	4.95	1979	.8	.7	.7	.7	.8	.9	.4	1.5	.8	.4	.5	.9	1.2
1980	5.12	4.93	4.98	5.03	5.05	5.05	5.11	5.15	5.18	5.23	5.23	5.24	5.32	1980	1.5	1.5	.7	.9	1.7	2.9	2.4	3.2	1.5	.7	.8	.7	.9
1981		5.32	5.36	5.39										1981		1.1	.8	.7									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2511—WOOD HOUSEHOLD FURNITURE													
1977	38.6	36.1	37.3	38.2	37.7	38.3	39.0	38.3	39.1	39.4	39.9	39.4	40.5	ALL EMPLOYEES—IN THOUSANDS													
1978	39.0	36.7	39.0	39.6	39.2	38.8	39.5	38.4	39.1	39.0	39.3	39.1	39.9	1977	139.8	134.5	134.4	134.1	135.4	137.2	139.8	137.0	142.0	144.3	145.1	146.4	147.4
1979	38.5	37.7	37.7	38.8	37.2	38.0	38.4	38.0	38.6	38.8	39.2	39.3	39.9	1978	147.9	146.9	148.0	148.2	148.0	148.1	149.4	143.1	146.2	148.0	148.9	149.8	150.5
1980	37.7	38.2	38.1	38.3	37.7	36.8	36.5	35.4	36.9	37.7	38.2	38.2	39.4	1979	147.4	150.8	150.0	149.3	148.7	147.3	147.5	140.2	145.8	146.5	148.0	147.5	146.8
1981		37.7	38.1	38.7										1980	137.2	145.0	143.0	142.2	139.9	137.0	132.8	119.0	130.2	137.0	139.5	140.1	140.7
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.4	1.4	1.9	2.1	1.8	2.2	2.4	2.0	2.7	2.9	3.0	2.8	3.1	1977	41.1	38.7	38.6	38.6	39.2	40.1	40.8	39.9	41.9	43.1	43.7	44.2	44.3
1978	2.6	2.2	2.8	2.8	2.6	2.4	2.7	2.3	2.7	2.8	2.8	2.6	2.9	1978	45.0	44.2	44.5	44.2	44.3	44.7	45.4	43.8	44.6	45.5	45.8	46.4	46.5
1979	2.1	2.3	2.2	2.2	1.6	1.9	2.1	1.7	2.0	2.3	2.4	2.2	2.4	1979	45.8	46.6	46.3	46.3	45.6	45.7	45.8	43.1	45.5	46.1	46.6	46.2	46.2
1980	1.6	1.8	1.8	1.9	1.7	1.2	1.1	.8	1.3	1.6	1.8	1.6	2.1	1980	43.1	45.3	44.5	44.4	43.8	43.2	42.0	37.8	41.1	43.0	43.8	44.1	44.7
1981		1.7	1.8	2.0										1981		44.1	44.2	44.2									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.9	5.3	4.8	5.2	5.6	6.4	5.5	6.3	9.2	8.3	6.5	5.0	3.1	1977	123.5	119.0	118.9	118.7	119.6	121.2	123.7	120.6	125.3	127.4	128.2	129.2	130.2
1978	6.2	6.1	5.1	5.6	5.5	6.8	6.3	7.3	8.7	7.9	7.1	5.3	3.2	1978	130.9	130.0	131.0	131.1	131.0	131.1	132.2	125.9	129.3	130.9	131.7	132.8	133.5
1979	5.4	6.0	4.3	5.3	5.4	6.5	4.7	6.3	7.2	6.4	6.0	4.2	2.7	1979	129.3	133.6	132.7	132.0	129.7	128.5	129.0	122.4	127.4	128.4	130.0	129.5	128.8
1980	4.1	4.9	4.1	4.2	3.4	2.9	2.6	4.1	5.1	6.0	4.6	3.5	3.2	1980	119.1	127.2	124.9	124.3	121.7	118.9	115.1	101.6	111.8	118.7	121.3	121.8	122.4
1981		4.1	3.7	4.2										1981		121.5	122.2	122.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	5.0	3.7	3.5	4.2	4.7	5.6	4.7	5.0	8.0	7.1	5.9	4.5	2.6	1977	146.57	130.65	136.82	141.21	139.43	144.60	147.60	145.08	148.83	151.22	154.66	154.33	158.62
1978	5.6	5.4	4.4	5.1	5.0	6.0	5.8	5.9	8.0	7.2	6.5	4.7	2.6	1978	160.78	144.30	156.81	159.98	157.21	158.00	162.41	157.49	163.15	161.87	166.38	167.58	172.98
1979	4.6	5.3	3.9	4.7	4.7	5.7	4.3	4.6	6.0	5.7	5.3	3.4	1.9	1979	173.26	165.25	165.98	171.47	164.81	169.94	170.61	170.67	174.00	178.20	179.50	182.00	186.81
1980	2.9	3.9	3.3	3.4	2.8	2.1	1.5	2.0	3.3	4.1	3.6	2.5	1.9	1980	180.21	176.93	177.02	179.10	179.24	172.22	171.08	171.12	177.18	183.64	187.50	188.37	194.13
1981		3.0	3.0	3.2										1981		187.94	191.46	194.61									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.7	1.3	1.1	.8	.6	.5	.6	1.1	.8	.9	.3	.3	.4	1977	3.72	3.56	3.61	3.63	3.65	3.67	3.69	3.72	3.73	3.79	3.80	3.82	3.85
1978	.4	.4	.3	.3	.3	.3	.3	1.1	.4	.4	.4	.4	.4	1978	4.06	3.90	3.93	3.96	3.96	3.99	4.04	4.08	4.12	4.14	4.17	4.20	4.25
1979	.6	.4	.3	.3	.5	.5	.3	1.6	1.0	.5	.5	.6	.7	1979	4.42	4.27	4.30	4.33	4.36	4.38	4.42	4.41	4.45	4.50	4.51	4.55	4.59
1980	1.0	.7	.7	.6	.4	.6	.9	1.9	1.7	1.6	.9	.6	1.2	1980	4.73	4.56	4.61	4.64	4.68	4.68	4.70	4.78	4.75	4.82	4.82	4.83	4.89
1981		.8	.6	.8										1981		4.92	4.96	4.99									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.6	5.1	4.3	5.3	5.2	6.0	5.1	6.6	8.3	7.3	5.4	4.5	3.9	1977	39.4	36.7	37.9	38.9	38.2	39.4	40.0	39.0	39.9	39.9	40.7	40.4	41.2
1978	6.2	5.0	4.8	5.8	5.9	6.4	6.9	7.1	8.8	7.5	6.2	5.4	4.2	1978	39.6	37.0	39.9	40.4	39.7	39.6	40.2	38.6	39.6	39.1	39.9	39.9	40.7
1979	5.6	5.6	5.0	5.9	5.7	6.5	5.0	6.4	7.6	5.6	5.6	4.8	3.7	1979	39.2	38.7	38.6	39.6	37.8	38.8	38.6	38.7	39.1	39.6	39.8	40.0	40.7
1980	4.8	5.5	4.2	4.8	5.2	6.4	5.0	6.2	5.4	4.3	4.1	3.0	3.1	1980	38.1	38.8	38.4	38.6	38.3	36.8	36.4	35.8	37.3	38.1	38.9	39.0	39.7
1981		4.1	3.7	4.1										1981		38.2	38.6	39.0									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.6	2.8	2.6	3.5	3.7	4.0	3.3	3.8	6.1	5.0	3.9	3.0	2.2	1977	2.9	1.7	2.5	2.8	2.2	2.9	3.1	2.6	3.3	3.4	3.6	3.4	3.5
1978	4.2	3.4	3.2	4.1	4.2	4.6	4.4	4.4	6.6	5.5	4.5	3.6	2.4	1978	3.2	2.6	3.5	3.5	3.1	3.1	3.3	2.7	3.3	3.3	3.4	3.4	3.6
1979	3.6	3.7	3.0	3.8	3.7	4.2	3.3	3.6	5.2	4.0	3.7	2.6	1.7	1979	2.6	3.0	2.9	2.9	2.1	2.3	2.4	2.0	2.2	2.8	2.8	2.7	2.8
1980	2.3	2.8	2.5	2.8	2.5	2.4	1.8	1.9	2.9	2.7	2.4	1.6	1.4	1980	1.7	2.1	2.1	2.2	2.0	2.0	1.1	.9	1.4	1.6	2.0	1.8	2.1
1981		2.1	1.9	2.3										1981		1.8	1.8	2.0									

See footnotes at end of tables.

SIC 2511

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 2511—WOOD HOUSEHOLD FURNITURE (Con.)

ACCESSIONS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES											
1977	6.2	5.0	3.9	5.2	5.8	7.2	5.8	7.2	9.4	9.2	6.6	5.3	3.4	5.0	6.5	5.3	5.8	8.7	7.8	6.1	4.9	3.0			
1978	6.5	6.3	5.1	5.6	6.0	7.3	7.1	7.3	9.3	8.1	7.5	5.7	3.3	5.5	6.8	6.6	5.8	8.7	7.6	7.0	5.3	2.8			
1979	5.5	6.3	4.3	5.2	5.4	6.6	5.2	6.8	7.0	6.5	5.9	4.0	2.6	5.1	6.2	4.9	4.9	6.3	6.1	5.6	3.8	2.2			
1980	3.9	4.8	3.7	3.6	3.4	3.2	2.6	4.8	6.1	5.6	4.0	3.2	2.3	3.1	2.3	1.7	2.2	3.8	4.3	3.6	2.7	1.8			
1981		3.6	3.4	4.0																					
RECALLS PER 100 EMPLOYEES														SEPARATIONS PER 100 EMPLOYEES											
1977	.5	.8	.4	.7	.5	.3	.3	1.1	.3	1.1	.2	.2	.3	5.6	6.3	4.9	7.3	8.7	8.5	5.9	4.3	4.1			
1978	.3	.2	.1	.1	.2	.1	.2	1.3	.3	.2	.2	.1	.1	6.3	6.8	6.7	7.6	9.5	8.1	6.8	5.2	4.0			
1979	.4	.2	.2	.3	.2	.2	.2	1.8	.5	.2	.1	.1	.3	5.7	6.5	5.3	7.1	7.3	5.4	5.5	4.1	3.0			
1980	.7	.4	.4	.2	.2	.6	.7	2.4	2.2	1.1	.3	.4	.4	4.2	5.6	4.8	7.9	5.4	4.2	3.9	2.8	2.4			
1981		.6	.3	.3																					
QUITS PER 100 EMPLOYEES														LAYOFFS PER 100 EMPLOYEES											
1977	4.1	3.2	2.9	3.9	4.2	4.7	3.7	4.4	6.8	5.6	4.5	3.2	2.6	.6	.4	.2	1.6	.2	1.4	.2	.1	.5			
1978	4.8	3.9	3.4	4.6	4.8	5.3	5.0	4.9	7.6	5.9	5.2	3.9	2.6	.2	.1	.2	1.5	.3	.8	.2	.2	.4			
1979	3.9	4.1	3.4	4.1	4.2	4.9	3.8	4.0	5.6	4.2	4.0	2.8	1.9	.2	.2	.2	1.8	.3	(5)	.2	.2	.4			
1980	2.5	3.1	2.6	2.8	2.6	2.9	2.1	2.2	3.2	2.9	2.4	1.6	1.5	1.1	1.2	.4	.6	1.3	.2	.5	.5	.3			
1981		2.1	2.0	2.5																					

SIC 2512—UPHOLSTERED HOUSEHOLD FURNITURE

ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS											
1977	96.3	93.2	93.3	93.3	94.1	94.2	96.0	94.2	97.6	98.7	100.2	100.2	101.0	33.1	33.1	33.7	32.9	34.3	34.9	35.4	35.5	36.1			
1978	102.0	100.7	101.0	101.0	101.0	101.3	101.7	98.1	102.6	103.3	104.1	104.7	104.3	36.1	36.4	36.4	34.9	37.1	37.6	37.7	38.2	37.8			
1979	101.7	104.1	103.0	102.3	101.9	100.8	101.8	99.3	100.6	100.8	101.8	101.9	101.7	35.9	36.0	36.1	34.9	35.5	35.8	36.5	36.8	36.6			
1980	94.7	99.1	99.6	99.1	98.3	93.4	90.6	86.9	91.0	92.6	93.8	95.1	96.4	35.0	33.0	32.1	30.9	32.0	32.8	33.3	33.7	34.1			
1981		95.5	96.0	96.4																					

SIC 2512—UPHOLSTERED HOUSEHOLD FURNITURE (Con.)

PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS											
1977	80.8	78.4	78.5	78.4	79.1	79.2	80.5	78.6	81.8	82.7	83.8	84.0	84.6	164.19	147.14	154.34	159.47	155.73	158.11	163.75	158.24	166.50	172.42	173.76	172.97
1978	84.7	84.2	84.3	84.4	84.0	84.3	84.4	80.7	84.9	85.6	86.4	86.7	86.2	180.78	164.32	171.91	179.64	179.88	176.44	180.86	174.17	181.45	184.99	187.11	187.98
1979	84.2	86.1	85.2	84.8	84.6	83.3	84.4	81.8	83.0	83.4	84.4	84.7	84.2	191.65	182.65	184.26	190.88	185.63	187.00	191.40	184.13	191.52	195.29	199.43	200.47
1980	78.1	82.2	82.8	82.5	81.7	76.7	74.1	71.0	75.1	76.3	77.2	78.2	79.4	201.66	194.93	199.13	203.04	199.82	195.48	196.56	184.42	196.54	204.23	206.83	208.87
1981		78.3	78.8	78.9											208.99	213.49	221.16								
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS											
1977	4.39	4.18	4.24	4.31	4.29	4.32	4.39	4.30	4.44	4.49	4.49	4.54	4.61	37.4	35.2	36.4	37.0	36.3	36.6	37.3	36.8	37.5	38.4	38.7	38.1
1978	4.72	4.59	4.56	4.63	4.66	4.68	4.71	4.62	4.75	4.78	4.81	4.87	4.94	38.3	35.8	37.7	38.8	38.6	37.7	38.4	37.7	38.2	38.7	38.9	38.6
1979	5.07	4.91	4.98	5.01	4.99	5.00	5.05	4.99	5.08	5.18	5.18	5.18	5.27	37.8	37.2	37.0	38.1	37.2	37.4	37.9	36.9	37.7	37.7	38.5	38.7
1980	5.48	5.24	5.31	5.40	5.43	5.40	5.46	5.44	5.49	5.58	5.59	5.63	5.76	36.8	37.2	37.5	37.6	36.8	36.2	36.0	33.9	35.8	36.6	37.0	37.1
1981		5.71	5.77	5.82											36.6	37.0	38.0								
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES											
1977	1.6	1.1	1.1	1.2	1.1	1.3	1.6	1.0	1.6	2.1	2.3	2.1	2.8	5.0	4.6	4.8	4.8	4.7	4.7	4.3	4.9	8.1	6.4	5.7	4.7
1978	1.9	1.6	1.7	2.1	1.9	1.6	1.9	1.3	1.7	2.1	2.2	1.9	2.5	5.5	5.5	4.8	4.7	4.6	5.8	5.0	7.0	7.6	7.0	6.4	4.6
1979	1.5	1.5	1.4	1.4	1.1	1.3	1.4	1.0	1.3	1.6	1.8	1.7	2.0	4.6	5.3	4.2	4.7	4.3	5.5	3.5	5.4	6.3	5.5	5.0	3.2
1980	1.1	1.2	1.1	1.2	1.1	.9	.7	.5	.7	1.0	1.1	1.2	1.9	3.4	4.0	3.9	4.0	3.0	2.3	2.1	3.2	3.2	5.2	4.0	3.5
1981		1.1	1.3	1.5											3.4	3.6	3.8								
NEW HIRES PER 100 EMPLOYEES														RECALLS PER 100 EMPLOYEES											
1977	4.3	3.5	3.2	4.0	4.0	4.2	3.5	3.9	7.2	5.9	5.2	4.2	2.2	.5	.9	1.4	.6	.4	.3	.6	.8	.6	.2	.3	.3
1978	4.9	5.1	3.9	4.1	4.3	5.4	4.6	5.8	6.8	6.5	5.9	4.3	2.2	.4	.2	.4	.3	.2	.3	.3	1.1	.6	.3	.3	.2
1979	3.9	4.5	3.8	4.2	3.8	4.8	3.1	4.3	5.4	4.9	4.4	2.8	1.4	.5	.6	.3	.3	.4	.5	.2	1.0	.7	.4	.4	.3
1980	2.5	3.3	3.0	3.3	2.4	1.8	1.3	1.8	2.2	3.3	3.1	2.2	1.9	.7	.5	.8	.6	.4	.3	.7	1.3	.9	1.7	.8	.4
1981		2.8	2.7	2.9																					

See footnotes at end of tables.

SIC 2515

See footnotes at end of tables.

SIC 2515
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2515—MATTRESSES AND BEDSPRINGS (Con.)														SIC 252—OFFICE FURNITURE (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.6	4.2	3.9	4.4	5.5	5.9	5.7	6.6	8.6	8.1	6.2	4.5	3.1	1977	33.9	31.7	31.5	32.4	32.6	33.3	34.0	34.4	34.8	35.0	34.9	35.8	36.3
1978	5.9	5.7	4.4	5.9	6.2	6.0	5.9	6.9	9.2	7.0	6.3	4.2	2.7	1978	38.5	36.8	36.8	37.2	37.4	38.0	38.6	38.2	39.1	39.4	39.8	40.2	40.4
1979	5.9	5.6	4.4	6.4	6.4	7.0	6.4	6.4	7.9	7.3	6.4	4.2	2.7	1979	39.8	40.5	40.1	39.4	39.2	39.1	38.6	39.1	40.2	40.1	40.2	40.7	40.1
1980	4.2	5.7	5.4	5.0	2.9	2.6	3.6	4.3	5.0	6.3	4.1	2.2	2.4	1980	39.0	40.7	40.3	40.3	40.0	39.0	38.5	37.6	37.7	37.9	38.1	38.7	38.9
1981		5.0	3.5	3.4										1981		39.6	39.4	39.6									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.6	2.6	2.7	3.6	4.6	5.0	4.8	5.3	7.3	7.3	5.5	3.8	2.4	1977	198.03	178.02	188.33	189.60	186.80	193.99	204.05	199.18	205.43	198.05	205.84	209.16	212.34
1978	5.3	4.8	3.9	5.2	5.1	5.3	5.5	6.5	8.7	6.7	5.6	3.7	2.3	1978	210.01	201.39	212.68	208.38	208.59	207.57	211.87	208.35	207.36	211.82	211.64	211.64	220.25
1979	5.4	4.9	4.0	5.8	5.4	6.4	5.7	5.6	7.4	6.9	6.0	3.8	2.3	1979	215.17	213.46	210.67	214.94	203.07	211.07	213.20	211.18	218.69	219.70	222.24	221.20	225.92
1980	3.2	4.2	4.2	4.4	2.3	1.5	2.3	2.6	3.9	5.1	3.8	1.9	2.0	1980	232.06	223.97	225.79	223.30	226.00	227.17	231.47	218.42	235.59	238.40	237.19	242.53	254.61
1981		3.3	3.0	2.5										1981		246.14	246.48	248.52									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.8	1.4	1.0	.5	.7	.8	.7	1.1	1.2	.6	.5	.4	.4	1977	4.83	4.60	4.65	4.67	4.67	4.72	4.79	4.87	4.95	4.89	4.96	5.04	5.08
1978	.4	.6	.3	.4	.5	.4	.3	.2	.4	.2	.6	.5	.3	1978	5.16	5.06	5.20	5.07	5.10	5.10	5.13	5.17	5.12	5.23	5.20	5.20	5.32
1979	.4	.4	.3	.3	.8	.5	.6	.6	.4	.3	.3	.3	.3	1979	5.42	5.31	5.32	5.36	5.33	5.29	5.33	5.36	5.44	5.52	5.57	5.60	5.62
1980	.8	1.3	1.1	.5	.5	.8	1.2	1.6	.9	1.0	.2	.2	.3	1980	5.92	5.67	5.76	5.77	5.78	5.87	5.92	5.84	6.01	5.99	6.02	6.14	6.21
1981		1.3	.4	.8										1981		6.20	6.24	6.26									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.9	3.9	3.7	4.3	4.2	5.1	4.5	5.4	6.8	7.0	5.0	5.0	3.3	1977	41.0	38.7	40.5	40.6	40.0	41.1	42.6	40.9	41.5	40.5	41.5	41.5	41.8
1978	5.7	4.2	4.9	5.3	5.4	5.8	5.6	5.7	7.7	7.3	6.3	5.9	4.5	1978	40.7	39.8	40.9	41.1	40.9	40.7	41.3	40.3	40.5	40.7	40.7	40.7	41.4
1979	6.0	5.4	5.0	6.3	6.4	6.8	5.6	5.6	7.0	6.0	6.6	6.6	4.7	1979	39.7	40.2	39.6	40.1	38.1	39.9	40.0	39.4	40.2	39.8	39.9	39.5	40.2
1980	5.0	5.7	4.8	5.9	4.7	7.6	3.9	5.6	4.7	3.9	5.0	3.6	4.2	1980	39.2	39.5	39.2	38.7	39.1	38.7	39.1	37.4	39.2	39.8	39.4	39.5	41.0
1981		4.3	3.3	4.0										1981		39.7	39.5	39.7									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.0	1.5	1.7	2.3	2.8	3.4	2.9	3.2	5.0	5.3	3.1	2.9	1.8	1977	2.9	2.2	2.3	1.9	1.9	2.6	3.6	3.2	3.6	3.1	3.2	3.6	3.8
1978	3.6	2.6	2.3	3.3	3.5	3.6	3.8	3.5	5.4	5.2	3.7	3.3	2.3	1978	2.9	2.8	3.1	3.0	3.0	2.8	3.1	2.5	2.7	2.7	2.7	2.8	3.3
1979	3.6	3.2	2.7	4.0	3.9	4.3	3.5	3.5	4.7	4.1	4.2	3.1	1.8	1979	2.3	2.8	2.5	2.5	1.7	2.2	2.3	1.9	2.2	2.5	2.4	2.2	2.5
1980	2.1	2.7	2.5	3.1	2.0	2.2	1.6	1.6	2.4	2.5	2.0	1.6	1.4	1980	2.0	2.3	2.2	1.9	1.8	1.8	1.9	1.1	2.1	2.1	1.8	2.4	3.1
1981		1.8	1.5	1.8										1981		2.7	2.2	2.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.8	1.4	1.0	1.0	.4	.6	.5	1.2	.6	.4	.7	.7	.7	1977	4.6	3.5	3.0	4.4	6.2	5.7	6.8	3.9	6.1	5.5	3.9	3.5	2.4
1978	.6	.6	.8	.6	.4	.6	.5	.4	.5	.4	.8	1.1	1.0	1978	4.0	4.4	2.8	3.6	3.9	4.0	4.0	3.5	6.3	5.1	4.9	3.1	2.3
1979	.9	.4	1.1	.8	1.2	1.0	.6	.6	.4	.5	.7	1.9	1.9	1979	3.6	3.3	2.8	3.1	3.3	5.1	5.1	4.7	5.0	2.6	3.6	2.5	2.1
1980	1.7	1.6	1.1	1.4	1.8	4.1	1.6	2.1	.9	.4	1.9	1.4	1.9	1980	2.7	3.1	2.9	3.1	2.7	2.4	2.9	2.1	2.9	2.9	2.9	2.6	2.3
1981		1.7	.9	1.1										1981		3.0	2.3	2.7									
SIC 252—OFFICE FURNITURE														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	3.6	2.8	2.4	2.9	3.1	4.9	5.7	3.7	5.2	3.9	3.6	3.1	2.0
1977	42.2	39.9	39.7	40.7	40.7	41.3	42.3	42.5	43.1	43.3	43.2	44.1	45.1	1978	3.6	4.2	2.6	3.4	3.7	3.5	3.3	3.3	5.3	4.9	4.6	2.8	2.2
1978	47.4	45.3	45.5	45.9	46.0	46.6	47.3	47.1	48.1	48.5	48.9	49.6	49.9	1979	2.9	3.0	2.5	2.9	2.8	3.6	3.2	3.3	4.4	2.5	3.1	2.3	1.7
1979	49.8	50.2	49.8	49.3	49.1	49.0	48.7	49.1	50.3	50.2	50.4	50.9	50.3	1980	2.0	2.7	2.2	2.5	2.4	1.9	2.0	1.3	2.2	2.2	1.8	1.7	1.5
1980	49.4	51.0	50.7	50.9	50.9	49.7	49.2	47.8	48.0	48.2	48.3	49.1	49.5	1981		1.8	2.0	2.0									
1981		50.4	50.5	50.6																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	9.0	8.4	8.3	8.5	8.7	8.9	9.1	9.2	9.4	9.4	9.3	9.5	9.7	1977	.8	.5	.4	1.4	3.0	.4	1.0	.1	.8	1.5	.2	.2	.2
1978	10.6	9.8	9.9	9.9	10.1	10.2	10.4	10.4	10.8	11.1	11.3	11.5	11.5	1978	.3	.2	.1	.1	.2	.5	.5	.1	.8	.1	.1	.2	(¹)
1979	12.0	11.6	11.6	11.6	11.6	11.8	11.7	12.0	12.3	12.2	12.3	12.4	12.5	1979	.5	.1	.2	.1	.3	1.3	1.9	1.3	.5	.1	.4	.2	.2
1980	12.4	12.5	12.4	12.6	12.7	12.6	12.4	12.1	12.2	12.2	12.1	12.4	12.6	1980	.6	.2	.6	.6	.2	.5	.9	.6	.7	.7	1.1	.8	.6
1981		13.0	13.0	13.1										1981		1.1	.2	.7									

See footnotes at end of tables.

SIC 254

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SIC 254
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 254—PARTITIONS AND FIXTURES (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.4	1.6	1.6	2.0	1.6	2.0	2.3	2.6	2.7	3.4	3.2	2.9	2.7	1977	8.9	8.1	8.2	8.4	8.5	8.8	9.0	8.8	8.8	8.9	9.2	9.3	10.2
1978	2.9	2.2	2.5	2.2	2.1	2.4	3.1	3.2	3.3	3.7	3.4	3.0	3.1	1978	10.5	10.2	10.0	10.2	10.4	10.4	10.5	10.5	10.6	10.4	10.5	10.7	11.0
1979	2.6	2.2	2.2	2.0	1.2	2.0	2.7	2.7	3.0	3.8	3.4	3.2	3.0	1979	10.7	11.1	11.1	11.1	10.9	10.7	10.3	10.2	10.2	10.6	10.5	10.5	10.6
1980	2.3	2.5	2.3	2.6	2.1	1.9	2.1	2.2	2.7	2.7	2.4	2.0	2.3	1980	10.5	10.8	10.8	10.9	10.5	10.1	10.0	10.2	10.2	10.6	10.8	10.8	10.8
1981		2.0	1.8	1.6										1981		10.5	11.1	11.2									

ACCESSIONS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.8	5.0	6.8	5.2	4.8	6.5	7.1	6.8	7.0	6.7	5.4	4.4	3.5	1977	17.3	16.3	16.0	16.3	16.6	17.0	17.4	17.0	17.5	17.7	18.2	18.8	19.1
1978	6.5	5.8	4.6	5.6	7.0	8.2	8.1	7.1	8.2	8.1	6.8	4.8	4.0	1978	19.0	18.7	18.6	18.9	19.0	19.1	19.2	18.7	19.3	19.1	19.1	19.2	19.5
1979	5.7	6.6	5.9	5.8	4.9	6.9	6.8	5.7	7.4	6.1	5.5	3.7	2.6	1979	19.3	19.6	19.7	19.5	19.4	18.8	18.5	18.7	19.4	19.8	19.5	19.3	19.6
1980	4.5	4.8	3.9	4.2	4.5	4.3	6.0	4.8	6.0	5.6	3.7	3.0	2.8	1980	18.7	19.6	19.8	19.5	18.7	18.1	18.0	17.6	17.9	18.5	18.8	18.7	18.8
1981		4.8	3.6	4.1										1981		18.7	18.7	18.7									

NEW HIRES PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.5	3.2	3.6	3.5	3.6	5.2	6.0	5.2	6.1	6.1	5.0	3.7	2.8	1977	187.67	172.73	180.29	183.26	184.12	180.91	186.13	183.54	192.30	191.97	195.43	198.58	197.51
1978	5.8	4.4	4.0	4.7	5.9	7.2	7.5	6.5	7.8	7.3	6.4	4.3	3.5	1978	202.36	192.38	194.33	194.14	195.53	200.30	207.26	198.63	207.95	206.06	206.33	209.75	211.74
1979	4.9	5.4	4.6	4.5	4.3	6.0	6.2	5.0	6.6	5.6	4.9	3.3	1.8	1979	214.45	208.98	206.66	208.89	197.90	203.84	217.23	211.50	208.69	217.93	225.23	229.32	233.74
1980	3.4	3.8	3.0	3.4	3.6	3.3	4.2	3.6	4.8	4.7	3.1	1.9	1.7	1980	235.85	225.55	228.53	230.44	224.55	231.72	239.32	230.01	236.51	238.68	245.16	244.05	258.08
1981		2.4	1.9	2.9										1981		244.48	247.38	250.78									

RECALLS PER 100 EMPLOYEES													
1977	1.1	1.7	3.2	1.6	1.1	1.1	1.0	1.5	.7	.5	.3	.6	.
1978	.6	1.1	.6	.7	1.0	.8	.4	.5	.3	.4	.4	.4	.
1979	.7	1.0	1.1	1.2	.4	.8	.4	.7	.6	.4	.5	.4	.
1980	.9	.8	.8	.7	.8	.9	1.7	1.0	1.1	.7	.5	1.0	1.
1981		2.0	1.6	1.1									

SEPARATIONS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.6	4.8	6.6	5.9	5.0	5.5	4.6	5.3	7.0	6.8	6.2	5.6	4.2	1977	40.1	38.3	39.8	40.1	40.2	39.5	40.2	39.9	40.4	40.5	40.8	41.2	39.9
1978	6.4	6.2	4.9	5.4	5.6	6.0	6.5	6.2	8.5	8.5	7.9	6.4	4.7	1978	39.6	38.4	39.1	39.3	39.5	39.9	40.8	39.1	40.3	39.4	39.3	39.8	39.8
1979	5.5	5.8	5.1	5.7	5.2	5.8	4.9	5.3	8.4	6.1	5.6	4.7	3.3	1979	38.5	38.7	38.2	38.9	37.2	38.1	39.0	37.7	37.4	38.1	38.9	39.0	40.3
1980	5.0	3.9	4.1	4.4	5.3	5.3	4.2	5.2	7.0	5.4	6.7	3.8	5.0	1980	38.6	38.1	38.8	38.6	37.3	38.3	38.6	37.4	38.9	39.0	39.1	38.8	40.2
1981		4.2	3.9	4.2										1981		38.2	38.0	38.7									

QUITS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.6	1.9	2.0	2.5	2.0	2.7	2.6	2.9	4.3	4.0	2.8	2.2	1.8	1977	1.8	1.0	1.2	1.3	1.5	1.5	1.6	1.2	2.1	2.2	2.3	2.9	2.3
1978	3.7	2.6	2.4	2.7	3.6	4.1	4.0	4.1	5.7	5.7	4.0	3.1	2.1	1978	2.3	2.0	2.2	2.2	1.8	2.6	2.4	1.7	2.8	2.6	2.2	2.6	3.0
1979	3.1	2.9	2.6	3.1	3.1	3.5	3.0	2.9	5.3	3.6	2.7	2.1	1.6	1979	2.1	2.7	2.3	2.1	1.4	1.5	2.2	1.8	2.4	2.4	2.5	2.2	2.3
1980	2.2	2.1	1.9	2.2	2.3	2.4	1.8	2.0	3.8	2.8	2.1	1.2	1.2	1980	1.1	1.4	1.1	1.1	.8	.8	.8	.7	1.0	1.1	1.2	1.2	1.8
1981		1.4	1.3	1.6										1981		1.0	1.2	1.3									

LAYOFFS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.9	2.3	3.8	2.5	2.1	1.6	.8	1.2	1.5	1.6	2.3	2.4	1.5	1977	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
1978	1.3	2.4	1.5	1.6	.9	.5	.9	.9	.9	.9	1.8	2.1	1.6	1978	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1979	1.2	1.4	1.0	1.4	.7	1.1	.7	1.1	1.4	1.3	1.6	1.8	1.1	1979	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1980	1.9	.8	1.1	1.2	1.9	1.8	1.6	2.2	2.0	1.3	3.6	2.0	3.3	1980	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
1981		1.8	2.0	1.8										1981		1.8	2.0	1.8									

SIC 259—MISCELLANEOUS FURNITURE AND FIXTURES

ALL EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	25.1	23.9	23.9	24.4	24.5	24.3	24.7	24.4	25.1	25.8	26.2	26.7	27.3	1977	123.7	117.8	116.2	119.3	121.5	123.6	126.3	125.8	126.1	126.9	126.9	128.2	125.2
1978	27.5	27.2	27.1	27.1	27.3	27.5	27.6	27.1	27.7	27.5	27.4	27.8	28.2	1978	130.7	125.8	125.7	126.6	129.4	130.7	132.5	131.6	132.8	133.4	133.4	133.4	132.8
1979	28.0	28.4	28.5	28.3	28.2	27.5	27.0	27.3	27.9	28.2	27.9	28.0	28.2	1979	133.7	130.3	130.6	132.7	133.0	134.7	136.4	134.4	134.3	135.2	134.8	134.5	133.9
1980	26.9	28.4	28.4	28.0	26.9	26.2	26.1	25.8	26.0	26.6	26.8	26.9	27.0	1980	127.0	131.6	130.6	131.6	129.7	126.9	125.3	121.9	123.5	125.3	125.8	126.6	125.6
1981		27.1	27.2	27.2										1981		125.0	125.3	125.3									

SIC 259—MISCELLANEOUS FURNITURE AND FIXTURES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS														
1977	8.9	8.1	8.2	8.4	8.5	8.8	9.0	8.8	8.8	8.9	9.2	9.3	10.2	
1978	10.5	10.2	10.0	10.2	10.4	10.4	10.5	10.5	10.6	10.4	10.5	10.7	11.0	
1979	10.7	11.1	11.1	11.1	10.9	10.7	10.3	10.2	10.2	10.6	10.5	10.5	10.6	
1980	10.5	10.8	10.8	10.9	10.5	10.1	10.0	10.2	10.2	10.6	10.8	10.8	10.8	
1981		10.5	11.1	11.2										

MANUFACTURING

SIC 321

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 32—STONE, CLAY, AND GLASS PRODUCTS (Con.)														SIC 32—STONE, CLAY, AND GLASS PRODUCTS (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	532.9	491.4	479.6	506.2	525.3	537.5	554.9	553.2	553.9	551.9	547.2	551.7	542.2	1977	4.1	6.6	4.9	3.4	3.3	3.3	3.3	3.8	5.2	4.7	3.6	3.4	4.4
1978	554.3	526.2	522.0	532.5	548.9	559.3	571.5	568.2	567.5	566.3	566.6	566.0	556.8	1978	4.0	4.4	3.2	3.2	3.4	3.5	3.8	3.8	5.4	4.8	3.9	3.5	4.7
1979	558.7	535.8	534.2	548.7	556.6	566.6	580.5	573.1	572.4	568.6	565.2	557.3	544.9	1979	4.2	4.9	3.5	3.6	3.6	3.5	3.7	3.8	5.8	4.6	4.2	4.2	4.7
1980	515.8	526.2	522.8	526.6	523.8	516.5	513.4	503.2	509.9	515.0	514.0	515.5	502.7	1980	4.3	4.8	3.9	3.8	4.5	5.1	4.8	4.0	5.0	4.0	3.7	3.6	4.7
1981		486.4	482.3	490.1										1981		5.1	3.6	3.2									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	239.95	217.88	225.99	229.04	236.39	240.61	244.28	243.43	245.78	244.08	246.51	248.77	249.42	1977	1.8	1.2	1.1	1.6	1.7	1.7	1.8	1.9	3.2	2.7	1.8	1.4	1.2
1978	263.33	235.56	241.60	251.10	258.32	261.25	268.39	267.96	269.86	272.81	274.53	275.33	277.68	1978	2.0	1.4	1.2	1.7	1.9	2.0	2.1	2.1	3.5	2.9	2.1	1.6	1.3
1979	284.28	266.09	267.15	277.97	276.60	284.08	288.81	285.94	287.73	291.07	293.02	294.82	296.78	1979	2.0	1.7	1.4	1.8	2.0	2.1	2.1	2.1	3.5	2.6	1.9	1.5	1.1
1980	306.00	282.71	285.91	295.48	296.13	302.06	308.73	305.88	310.54	316.06	319.66	323.33	325.73	1980	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.2	2.0	1.6	1.2	.9	.8
1981		317.16	312.44	322.36										1981		1.0	.9	1.1									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.81	5.53	5.58	5.60	5.71	5.77	5.83	5.88	5.88	5.91	5.94	5.98	6.01	1977	1.5	4.7	3.1	1.0	.8	.7	.5	1.0	.8	.9	.9	1.2	2.4
1978	6.33	6.04	6.04	6.08	6.18	6.25	6.33	6.38	6.41	6.48	6.49	6.54	6.58	1978	1.0	2.2	1.2	.7	.6	.6	.6	.7	.6	.8	.8	1.1	2.6
1979	6.85	6.57	6.58	6.65	6.73	6.78	6.86	6.89	6.90	6.98	7.01	7.07	7.10	1979	1.3	2.3	1.2	1.0	.7	.5	.6	.8	1.1	.9	1.4	2.0	3.0
1980	7.50	7.05	7.13	7.26	7.33	7.44	7.53	7.59	7.63	7.69	7.74	7.81	7.83	1980	2.2	2.6	1.8	1.6	2.3	2.9	2.7	1.9	2.0	1.4	1.6	2.0	3.1
1981		7.87	7.89	7.94										1981		3.3	1.9	1.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 321—FLAT GLASS													
1977	41.3	39.4	40.5	40.9	41.4	41.7	41.9	41.4	41.8	41.3	41.5	41.6	41.5	ALL EMPLOYEES—IN THOUSANDS													
1978	41.6	39.0	40.0	41.3	41.8	41.8	42.4	42.0	42.1	42.1	42.3	42.1	42.2	1977	20.8	20.5	19.8	20.1	20.3	20.9	21.4	21.4	21.7	21.2	21.0	20.9	20.6
1979	41.5	40.5	40.6	41.8	41.1	41.9	42.1	41.5	41.7	41.7	41.8	41.7	41.8	1978	19.7	20.2	20.0	20.0	20.1	20.1	20.3	20.3	19.4	19.1	18.9	18.8	18.6
1980	40.8	40.1	40.1	40.7	40.4	40.6	41.0	40.3	40.7	41.1	41.3	41.4	41.6	1979	19.5	18.3	18.2	20.6	20.6	20.7	20.6	19.6	19.6	19.8	19.5	19.0	18.0
1981		40.3	39.6	40.6										1980	18.4	18.7	18.9	19.3	17.9	17.0	17.2	15.7	18.3	19.2	19.8	20.0	19.2
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		19.6	19.4	19.1									
1977	4.6	3.5	4.0	4.2	4.5	4.7	4.9	5.0	5.0	4.9	5.0	4.6	4.4	PRODUCTION WORKERS—IN THOUSANDS													
1978	4.8	3.9	4.2	4.4	4.8	4.9	5.2	5.1	5.2	5.2	5.2	4.8	4.7	1977	16.7	16.2	15.6	15.9	16.2	16.8	17.3	17.3	17.5	17.1	16.9	16.9	16.6
1979	4.5	4.1	4.3	4.7	4.3	4.8	4.8	4.7	4.8	4.8	4.6	4.4	4.1	1978	15.5	16.1	16.0	16.0	16.1	16.1	16.3	16.1	15.3	14.6	14.5	14.5	14.4
1980	3.8	3.6	3.6	3.8	3.5	3.4	3.6	3.6	3.9	4.1	4.1	4.1	3.9	1979	15.2	14.2	14.2	16.2	16.2	16.3	16.1	15.0	14.9	15.4	15.2	14.8	13.9
1981		3.5	3.4	3.7										1980	14.1	14.5	14.8	15.2	13.7	12.8	13.0	11.5	13.7	14.7	15.3	15.5	14.6
ACCESSIONS PER 100 EMPLOYEES														1981		14.9	14.7	14.6									
1977	4.5	3.8	5.7	6.6	5.3	5.3	5.3	4.7	4.8	4.0	3.3	2.9	2.2	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.1	3.5	3.1	4.8	5.4	5.2	5.5	4.3	4.7	4.2	3.8	2.8	2.2	1977	321.05	307.00	315.95	303.00	324.86	319.73	316.96	311.95	321.49	328.38	327.38	327.82	345.80
1979	4.1	3.7	3.6	4.9	5.1	5.4	5.2	4.3	4.5	3.8	3.5	2.7	1.9	1978	347.42	324.36	327.13	341.78	331.62	334.80	342.26	345.53	343.80	352.29	357.47	372.96	402.55
1980	3.6	3.6	3.3	3.9	3.6	3.9	4.3	4.0	4.5	3.8	3.3	2.4	2.0	1979	368.94	390.57	361.11	361.44	362.90	372.37	379.74	353.56	365.40	355.37	361.47	367.20	398.36
1981		3.7	3.2	4.6										1980	404.34	362.29	366.28	393.54	383.88	370.64	385.84	371.45	413.69	424.87	438.48	439.93	486.74
NEW HIRES PER 100 EMPLOYEES														1981		431.53	407.48	426.13									
1977	2.9	1.7	1.9	3.0	3.2	3.8	4.2	3.6	3.8	3.3	2.7	2.1	1.7	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	3.1	2.1	1.9	2.9	3.6	4.1	4.5	3.5	3.9	3.6	3.2	2.3	1.6	1977	7.33	7.09	7.23	7.18	7.40	7.35	7.32	7.34	7.29	7.33	7.39	7.40	7.60
1979	3.0	2.4	2.3	2.9	3.3	4.1	4.3	3.4	3.7	3.1	2.9	2.0	1.2	1978	7.95	7.65	7.59	7.75	7.73	7.75	7.85	7.98	7.94	8.08	8.18	8.40	8.62
1980	1.9	1.9	1.8	2.0	1.8	1.9	2.2	2.0	2.3	2.2	1.9	1.4	1.1	1979	8.62	8.31	8.17	8.29	8.62	8.58	8.65	8.54	8.70	8.71	8.71	9.00	9.20
1981		1.5	1.5	1.9										1980	9.65	9.08	9.18	9.46	9.25	9.22	9.48	9.24	9.78	9.95	10.08	10.16	10.49
RECALLS PER 100 EMPLOYEES														1981		10.25	10.29	10.47									
1977	1.3	1.8	3.5	3.3	1.9	1.2	.8	.9	.7	.5	.4	.6	.4	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	.8	1.2	1.1	1.7	1.6	.9	.7	.6	.6	.4	.5	.3	.4	1977	43.8	43.3	43.7	42.2	43.9	42.5	43.3	42.5	44.1	44.8	44.3	44.3	45.5
1979	.9	1.1	1.1	1.8	1.5	1.1	.7	.7	.6	.5	.5	.6	.5	1978	43.7	42.4	43.1	44.1	42.9	43.2	43.6	43.3	43.3	43.6	43.7	44.4	46.7
1980	1.5	1.5	1.4	1.7	1.6	1.8	1.7	1.8	1.8	1.4	1.2	.8	.8	1979	42.8	47.0	44.2	43.6	42.1	43.4	43.9	41.4	42.0	40.8	41.5	40.8	43.3
1981		1.9	1.5	2.5										1980	41.9	39.9	39.9	41.6	41.5	40.2	40.7	40.2	42.3	42.7	43.5	43.3	46.4
														1981		42.1	39.6	40.7									

See footnotes at end of tables.

SIC 321

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 321—FLAT GLASS (Con.)														SIC 322—GLASS AND GLASSWARE, PRESSED OR BLOWN (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	7.6	7.7	8.1	6.6	8.0	8.1	8.2	7.7	7.6	8.0	7.7	7.2	6.7	1977	3.3	3.4	5.9	5.0	3.2	3.2	3.8	3.6	3.5	2.6	2.1	2.3	1.2
1978	6.4	7.0	6.5	6.8	6.0	6.5	6.5	6.9	6.2	5.8	5.8	6.4	6.7	1978	2.8	2.8	2.5	2.4	3.3	3.2	4.1	3.7	3.7	2.6	2.6	1.6	1.4
1979	4.7	7.2	5.9	5.7	4.3	5.3	5.1	4.3	4.2	3.5	3.8	3.8	3.7	1979	3.0	3.3	3.5	3.1	2.9	3.5	3.5	3.6	3.5	2.8	2.3	2.4	1.6
1980	4.0	3.7	3.9	4.4	3.6	3.3	3.0	3.6	3.8	4.6	4.5	4.5	4.5	1980	2.6	2.6	3.1	2.3	2.0	2.7	4.1	3.1	3.5	2.6	2.3	1.7	1.7
1981		3.9	3.3	3.6										1981		4.2	3.0	3.4									
SIC 322—GLASS AND GLASSWARE, PRESSED OR BLOWN														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.7	1.0	1.3	1.7	1.8	2.0	2.7	2.6	2.5	1.6	1.5	1.1	.6
1977	133.9	130.2	126.8	132.2	134.5	135.1	136.1	136.5	134.5	135.8	133.6	136.7	135.3	1978	1.7	1.0	1.2	1.3	1.7	2.2	2.9	2.2	2.4	1.9	1.6	.9	.6
1978	136.3	135.1	135.0	135.1	136.2	136.6	137.8	136.6	136.5	137.0	136.9	136.6	135.6	1979	1.6	1.0	1.3	1.5	1.7	2.2	2.4	2.3	2.0	1.6	1.2	1.0	.6
1979	132.0	134.5	132.8	133.5	131.9	133.1	133.9	132.4	131.2	131.1	130.2	130.2	129.0	1980	1.1	.9	1.2	1.1	.9	1.3	1.7	1.4	1.7	1.0	.8	.6	.3
1980	124.8	128.1	127.0	127.4	125.7	125.2	123.6	122.0	123.3	124.4	124.1	123.9	122.7	1981		.6	.5	1.0									
1981		121.0	120.7	121.5																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	46.1	44.5	43.6	45.1	46.2	46.2	46.8	47.1	46.6	47.2	46.6	47.4	45.4	1977	1.3	2.0	4.4	2.9	1.1	.8	.8	.8	.7	.8	.4	1.0	.3
1978	46.6	46.5	46.6	46.7	47.0	47.0	47.2	46.8	47.3	46.7	46.1	45.8	45.3	1978	.8	1.6	1.0	.8	1.2	.6	.7	.9	.8	.3	.7	.3	.4
1979	44.1	44.4	43.7	44.0	43.6	44.3	45.0	44.4	43.6	44.3	44.1	44.0	43.8	1979	1.1	1.8	1.7	1.2	.8	1.0	.8	1.0	1.1	.9	.7	1.1	.7
1980	41.6	42.9	42.2	42.5	42.3	42.2	41.7	40.7	41.1	41.4	41.3	41.1	40.3	1980	1.1	1.4	1.6	.9	.7	1.1	1.4	1.3	1.3	1.2	1.0	.8	.9
1981		40.0	40.2	40.4										1981		3.2	2.1	2.0									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	116.5	113.1	109.5	115.0	117.3	118.0	119.0	119.2	117.2	118.0	115.7	118.6	117.4	1977	3.4	5.8	6.2	2.2	2.9	2.7	2.5	2.5	4.7	3.7	2.5	2.4	2.8
1978	117.3	116.8	116.4	116.5	117.6	117.8	118.7	117.4	117.2	117.9	117.6	117.5	116.6	1978	3.2	2.8	2.6	2.6	2.9	2.9	3.3	3.4	3.9	4.0	3.2	2.4	4.0
1979	113.0	115.3	113.5	114.3	113.2	114.2	114.9	113.4	112.2	111.9	111.3	111.2	110.4	1979	3.3	3.8	2.9	3.5	2.8	2.7	3.0	3.2	4.2	3.8	3.6	3.6	3.0
1980	105.8	109.3	108.0	108.7	107.1	106.7	105.1	103.4	103.9	104.9	104.5	104.5	103.1	1980	3.7	3.3	3.0	2.8	2.8	4.0	6.4	3.8	4.0	3.9	2.9	3.3	4.0
1981		101.6	101.4	102.0										1981		3.8	3.4	3.0									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	239.20	224.70	228.57	233.86	240.60	243.01	245.43	239.12	246.02	228.46	235.07	250.88	252.10	1977	1.1	.7	.7	.8	.9	1.1	1.0	1.1	2.2	1.9	1.0	.8	.5
1978	265.98	249.48	252.10	254.47	265.43	265.06	268.52	270.28	270.28	271.22	273.24	273.51	280.17	1978	1.1	.8	.7	.9	1.0	1.0	1.0	1.2	2.3	1.8	1.2	.8	.5
1979	288.15	277.26	275.49	280.38	292.44	289.88	289.98	290.24	286.80	289.92	290.80	295.87	301.51	1979	1.1	.8	.9	1.1	1.0	1.2	1.1	1.2	2.2	1.6	1.0	.7	.5
1980	321.19	297.94	302.88	315.38	312.84	325.99	329.26	322.74	324.41	324.80	329.64	333.32	340.31	1980	.8	.7	.7	.8	.7	.7	.7	.8	1.4	1.2	.6	.6	.4
1981		340.71	335.30	337.39										1981		.6	.5	.6									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.01	5.66	5.70	5.76	6.00	6.06	6.09	6.10	6.12	6.06	6.09	6.21	6.24	1977	1.4	4.1	4.6	.6	1.1	.7	.5	.4	1.3	1.0	.6	.8	1.6
1978	6.60	6.30	6.35	6.33	6.57	6.61	6.63	6.69	6.69	6.73	6.73	6.77	6.85	1978	1.0	1.3	1.1	.8	.9	1.0	.9	.7	.4	1.2	1.0	.9	2.5
1979	7.15	6.88	6.87	6.94	7.15	7.14	7.16	7.22	7.17	7.23	7.27	7.36	7.39	1979	1.4	1.9	1.2	1.4	1.1	.8	1.0	1.0	1.1	1.1	1.6	2.2	1.8
1980	7.97	7.43	7.46	7.73	7.94	7.99	8.07	8.15	8.09	8.12	8.20	8.23	8.28	1980	2.0	1.9	1.5	1.1	1.3	2.4	4.3	1.9	1.5	1.6	1.3	2.1	2.9
1981		8.31	8.32	8.31										1981		2.4	2.0	1.5									
SIC 3221—GLASS CONTAINERS														ALL EMPLOYEES—IN THOUSANDS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1977	76.2	74.8	74.8	75.1	75.4	75.8	76.9	78.4	77.5	76.6	74.8	77.5	77.2
1977	39.8	39.7	40.1	40.6	40.1	40.1	40.3	39.2	40.2	37.7	38.6	40.4	40.4	1978	77.3	76.9	76.7	76.7	77.4	77.9	78.7	78.4	78.3	77.5	76.9	76.4	75.6
1978	40.3	39.6	39.7	40.2	40.4	40.1	40.5	40.4	40.4	40.3	40.6	40.4	40.9	1979	74.1	74.8	74.8	75.2	75.3	75.5	75.9	75.3	74.1	72.8	72.5	71.8	70.6
1979	40.3	40.3	40.1	40.4	40.9	40.6	40.5	40.2	40.0	40.1	40.0	40.2	40.8	1980	69.6	70.6	70.4	71.0	69.2	69.3	69.2	68.5	70.3	69.9	69.5	69.0	68.1
1980	40.3	40.1	40.6	40.8	39.4	40.8	40.8	39.6	40.1	40.0	40.2	40.5	41.1	1981		66.7	66.5	66.8									
1981		41.0	40.3	40.6																							
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.2	4.3	4.5	4.4	4.2	4.1	4.1	4.3	4.5	3.7	3.9	4.1	4.1	1977	27.6	26.9	27.0	27.0	27.4	27.3	27.8	28.4	28.2	27.9	27.5	28.3	27.2
1978	4.2	4.2	4.3	4.1	4.1	4.1	4.0	4.1	4.2	4.3	4.2	4.1	4.1	1978	27.4	27.9	27.8	27.9	28.0	28.2	28.2	27.9	27.9	27.1	26.5	26.2	25.7
1979	4.1	4.1	4.0	4.0	4.5	4.2	4.0	4.1	4.1	4.0	4.0	3.9	3.9	1979	25.1	24.9	25.1	25.2	25.3	25.4	26.0	25.5	24.9	24.9	24.8	24.6	24.3
1980	3.8	3.7	4.0	3.9	3.5	3.7	3.7	3.5	3.9	3.9	3.9	3.8	4.0	1980	23.5	24.1	23.6	24.0	23.5	23.5	23.6	23.0	23.9	23.7	23.4	23.0	22.2
1981		3.8	3.8	3.8										1981		22.2	22.3	22.5									

See footnotes at end of tables.

MANUFACTURING

SIC 3229

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3221—GLASS CONTAINERS (Con.)														SIC 3221—GLASS CONTAINERS (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	68.7	67.3	67.2	67.7	68.1	68.6	69.4	70.8	70.0	69.0	66.9	69.5	69.3	1977	3.3	6.9	4.6	2.2	3.4	2.5	2.1	2.2	4.7	4.2	2.5	2.3	2.5
1978	68.5	68.6	68.1	68.1	68.8	69.1	69.8	69.4	69.3	68.7	68.0	67.4	66.5	1978	3.3	3.3	2.9	2.9	3.0	3.0	3.0	2.6	4.5	4.4	3.5	2.4	3.7
1979	65.1	65.5	65.6	66.1	66.2	66.5	66.8	66.3	65.0	63.8	63.7	62.9	62.2	1979	3.3	4.2	3.1	2.8	2.8	2.4	2.8	2.6	4.9	3.8	3.4	4.7	2.6
1980	61.0	61.9	61.7	62.4	60.6	60.8	60.8	60.0	61.7	61.4	60.8	60.2	59.4	1980	3.3	3.1	2.7	2.8	2.8	3.6	2.6	2.6	3.5	3.9	3.3	4.2	4.5
1981		58.1	57.9	58.1										1981		3.9	3.7	3.0									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	248.52	231.55	232.70	243.85	251.54	257.11	260.01	250.77	261.23	229.68	238.88	261.39	261.79	1977	1.2	.8	.9	.9	1.1	1.2	1.2	1.3	2.9	2.2	1.1	.8	.5
1978	277.83	257.80	258.59	258.80	280.17	277.26	283.85	285.82	286.71	284.72	286.71	283.61	293.15	1978	1.3	.9	.8	1.0	1.2	1.1	1.3	1.4	3.1	2.1	1.2	.9	.5
1979	301.66	290.39	285.82	288.67	308.25	307.09	307.09	303.91	301.85	303.91	304.27	305.96	312.77	1979	1.3	1.0	1.0	1.2	1.1	1.3	1.2	1.2	2.7	1.9	1.2	.8	.5
1980	343.94	306.77	317.29	337.02	330.50	354.35	356.42	349.80	356.87	355.06	352.97	353.46	362.82	1980	.9	.9	.8	.9	.7	.7	.8	1.0	1.8	1.4	.7	.6	.4
1981		366.24	355.14	355.18										1981		.6	.6	.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.26	5.76	5.76	5.89	6.32	6.38	6.42	6.43	6.45	6.38	6.37	6.47	6.48	1977	1.3	5.3	3.0	.7	1.5	.5	.1	.1	.7	1.3	.6	.8	1.4
1978	6.86	6.51	6.53	6.47	6.85	6.88	6.94	7.04	7.01	7.03	7.01	7.02	7.03	1978	1.2	1.7	1.5	1.1	1.1	1.1	.7	.2	.4	1.5	1.3	.9	2.5
1979	7.43	7.10	7.04	7.11	7.50	7.49	7.49	7.56	7.49	7.56	7.55	7.63	7.61	1979	1.4	2.2	1.4	.7	1.1	.5	.9	.7	1.5	1.2	1.5	3.3	1.6
1980	8.43	7.65	7.72	8.18	8.54	8.58	8.63	8.68	8.62	8.66	8.63	8.60	8.68	1980	1.7	1.7	1.3	1.1	1.4	2.1	1.1	.9	.9	1.7	1.8	3.1	3.6
1981		8.72	8.62	8.60										1981		2.6	2.4	1.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3229—PRESSED AND BLOWN GLASS, NEC													
1977	39.7	40.2	40.4	41.4	39.8	40.3	40.5	39.0	40.5	36.0	37.5	40.4	40.4	1977	57.7	55.4	52.0	57.1	59.1	59.3	59.2	58.1	57.0	59.2	58.8	59.2	58.1
1978	40.5	39.6	39.6	40.0	40.9	40.3	40.9	40.6	40.9	40.5	40.9	40.4	41.7	1978	59.0	58.2	58.3	58.4	58.8	58.7	59.1	58.2	58.2	59.5	60.0	60.2	60.0
1979	40.6	40.9	40.6	40.6	41.1	41.0	41.0	40.2	40.3	40.2	40.3	40.1	41.1	1979	57.9	59.7	58.0	58.3	56.6	57.6	58.0	57.1	57.1	58.3	57.7	58.4	58.4
1980	40.8	40.1	41.1	41.2	38.7	41.3	41.3	40.3	41.4	41.0	40.9	41.1	41.8	1980	55.2	57.5	56.6	56.4	56.5	55.9	54.4	53.5	53.0	54.5	54.6	54.9	54.6
1981		42.0	41.2	41.3										1981		54.3	54.2	54.7									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.6	5.0	4.9	5.0	4.4	4.5	4.6	4.9	5.1	3.9	4.2	4.5	4.7	1977	18.5	17.6	16.6	18.1	18.8	18.9	19.0	18.7	18.4	19.3	19.1	19.1	18.2
1978	4.7	4.7	4.8	4.7	4.7	4.6	4.6	4.7	4.9	4.9	4.8	4.5	4.4	1978	19.1	18.6	18.8	18.8	19.0	18.8	19.0	18.9	19.4	19.6	19.6	19.6	19.6
1979	4.5	4.7	4.4	4.5	5.0	4.4	4.4	4.5	4.3	4.3	4.4	4.3	4.3	1979	19.0	19.5	18.6	18.8	18.3	18.9	19.0	18.9	18.7	19.4	19.3	19.4	19.5
1980	4.3	4.0	4.5	4.3	3.6	4.1	4.2	4.0	4.6	4.5	4.4	4.3	4.6	1980	18.2	18.8	18.6	18.5	18.8	18.7	18.1	17.7	17.2	17.7	17.9	18.1	18.1
1981		4.3	4.3	4.4										1981		17.8	17.9	17.9									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.2	2.8	5.2	5.3	2.6	3.6	4.3	3.7	3.7	2.3	1.9	2.1	1.1	1977	47.9	45.8	42.3	47.3	49.2	49.4	49.6	48.4	47.2	49.0	48.8	49.1	48.1
1978	2.8	2.9	2.6	2.6	3.2	3.7	4.0	3.1	3.3	2.5	2.7	1.4	1.0	1978	48.9	48.2	48.3	48.4	48.8	48.7	48.9	48.0	47.9	49.2	49.6	50.1	50.1
1979	2.8	3.2	4.1	3.2	2.4	3.2	3.4	3.2	3.0	2.2	2.1	2.6	1.4	1979	47.9	49.8	47.9	48.2	47.0	47.7	48.1	47.1	47.2	48.1	47.6	48.3	48.2
1980	2.5	2.7	3.1	2.2	1.9	2.8	3.8	3.3	3.3	2.0	1.6	1.2	1.9	1980	44.8	47.4	46.3	46.3	46.5	45.9	44.3	43.4	42.2	43.5	43.7	44.3	43.7
1981		4.2	2.3	3.5										1981		43.5	43.5	43.9									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.9	1.0	1.5	1.7	1.7	2.4	3.1	2.9	3.1	1.7	1.5	1.2	.7	1977	225.44	213.95	221.20	219.62	225.18	222.32	224.80	221.82	222.72	226.97	229.37	236.34	238.36
1978	1.8	1.0	1.2	1.5	2.0	2.5	2.9	2.2	2.7	2.1	1.8	.9	.4	1978	249.60	237.60	242.99	248.67	244.33	247.16	246.18	247.82	246.54	252.00	254.47	260.18	262.68
1979	1.5	.9	1.4	1.6	1.4	2.2	2.2	2.0	2.1	1.4	1.2	1.0	.5	1979	270.40	260.57	260.83	269.07	269.99	265.86	266.53	270.68	266.11	271.20	273.53	282.50	287.24
1980	1.2	1.0	1.2	1.1	.9	1.5	1.7	1.6	2.1	1.2	.8	.6	.3	1980	289.87	286.31	284.00	286.22	290.48	288.64	292.33	285.25	275.84	281.78	297.50	305.32	309.94
1981		.6	.4	1.1										1981		306.48	308.89	312.84									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.1	1.5	3.5	3.4	.7	.9	.9	.8	.4	.4	.2	.7	.2	1977	5.65	5.50	5.60	5.56	5.56	5.60	5.62	5.63	5.61	5.66	5.72	5.85	5.90
1978	.7	1.7	1.3	.8	1.0	.9	.7	.6	.3	.2	.6	.3	.4	1978	6.24	6.00	6.09	6.14	6.17	6.21	6.17	6.18	6.21	6.30	6.33	6.44	6.60
1979	1.1	1.9	2.3	1.4	.8	.7	.9	1.0	.7	.6	.7	1.4	.7	1979	6.76	6.58	6.62	6.71	6.65	6.63	6.68	6.75	6.72	6.78	6.89	7.01	7.11
1980	1.1	1.5	1.8	.9	.8	1.1	1.7	1.4	.9	.5	.6	.4	1.2	1980	7.32	7.14	7.10	7.12	7.19	7.18	7.29	7.39	7.24	7.30	7.57	7.71	7.71
1981		3.3	1.6	2.1										1981		7.72	7.90	7.90									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3229—PRESSED AND BLOWN GLASS, NEC (Con.)														SIC 323—PRODUCTS OF PURCHASED GLASS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	39.9	38.9	39.5	39.5	40.5	39.7	40.0	39.4	39.7	40.1	40.1	40.4	40.4	1977	43.2	41.6	41.1	41.8	42.1	42.7	43.3	43.1	43.8	44.4	44.5	44.9	44.8
1978	40.0	39.6	39.9	40.5	39.6	39.8	39.9	40.1	39.7	40.0	40.2	40.4	39.8	1978	46.6	44.5	45.1	45.0	45.7	46.4	47.6	46.9	47.2	47.4	48.0	48.1	47.7
1979	40.0	39.6	39.4	40.1	40.6	40.1	39.9	40.1	39.6	40.0	39.7	40.3	40.4	1979	47.0	46.5	46.7	47.5	46.3	46.2	47.6	47.0	47.3	47.4	47.4	47.2	46.8
1980	39.6	40.1	40.0	40.2	40.4	40.2	40.1	38.6	38.1	38.6	39.3	39.6	40.2	1980	45.5	46.3	46.8	46.7	46.2	44.8	43.9	43.1	44.0	45.8	45.5	46.4	46.5
1981		39.7	39.1	39.6										1981		46.6	46.8	46.7									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.5	3.2	3.8	3.5	4.0	3.5	3.3	3.4	3.6	3.4	3.4	3.6	3.3	1977	10.7	9.9	9.9	10.3	10.4	11.0	11.1	11.0	10.9	10.9	10.9	11.1	10.8
1978	3.4	3.4	3.5	3.3	3.2	3.4	3.2	3.3	3.3	3.5	3.4	3.5	3.6	1978	12.7	10.8	10.9	10.9	12.6	13.0	13.4	13.2	13.4	13.5	13.7	13.7	13.7
1979	3.5	3.2	3.4	3.3	3.9	3.8	3.5	3.5	3.7	3.7	3.4	3.5	3.5	1979	13.7	13.4	13.7	14.1	14.0	13.9	13.4	13.1	13.2	13.6	13.7	13.9	14.0
1980	3.2	3.4	3.4	3.4	3.3	3.2	3.1	2.9	2.8	3.0	3.2	3.2	3.2	1980	13.4	13.7	13.7	14.1	13.6	13.3	13.0	13.0	13.0	13.6	13.4	13.3	13.3
1981		3.2	3.2	3.1										1981		13.4	13.3	13.2									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.4	4.1	7.0	4.5	3.9	2.6	3.2	3.5	3.3	3.1	2.3	2.5	1.4	1977	32.6	30.8	30.5	31.6	32.0	32.7	33.4	32.9	33.4	33.7	33.5	33.7	33.3
1978	2.9	2.7	2.3	2.2	3.4	2.5	4.2	4.4	4.2	2.8	2.5	1.8	1.8	1978	33.2	32.8	33.2	32.8	32.3	33.0	33.7	32.7	32.9	33.2	34.1	33.9	33.5
1979	3.2	3.4	2.8	2.9	3.5	4.0	3.7	4.2	4.1	3.6	2.5	2.2	1.8	1979	34.1	33.0	33.4	33.8	33.4	33.3	35.2	34.3	34.3	34.8	35.0	34.3	34.3
1980	2.8	2.4	3.1	2.5	2.1	2.6	4.5	2.8	3.8	3.4	3.1	2.4	1.4	1980	32.5	34.6	35.0	34.7	34.1	32.3	31.0	29.5	30.4	31.9	31.8	32.4	32.4
1981		4.2	3.9	3.2										1981		32.4	32.6	32.2									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.4	.9	.9	1.6	1.9	1.5	2.1	2.1	1.6	1.4	1.4	1.0	.5	1977	240.86	239.45	234.64	238.15	228.98	235.00	236.97	244.08	238.04	245.44	259.25	242.57	246.97
1978	1.5	.9	1.1	1.0	1.4	1.9	2.8	2.3	2.0	1.7	1.4	1.0	.9	1978	257.29	251.94	244.82	247.85	241.20	251.31	255.84	239.24	253.15	271.57	273.90	277.77	278.38
1979	1.7	1.2	1.2	1.4	2.0	2.1	2.7	2.7	1.9	1.8	1.3	.9	.7	1979	257.11	272.48	261.30	269.45	250.04	246.00	246.48	241.57	235.31	246.41	264.71	272.30	277.72
1980	1.0	.7	1.3	1.1	1.0	1.0	1.6	1.1	1.2	.8	.9	.5	.4	1980	258.45	252.90	252.80	257.28	246.27	245.12	242.94	245.76	252.98	259.20	272.57	289.80	284.56
1981		.6	.6	.9										1981		285.42	271.96	287.12									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.6	2.7	5.7	2.3	1.5	.6	.7	.9	1.2	1.4	.6	1.3	.5	1977	5.79	5.53	5.60	5.63	5.64	5.69	5.71	5.91	5.82	5.90	6.10	5.96	5.98
1978	.8	1.4	.7	.7	1.4	.2	.8	1.4	1.5	.5	.8	.4	.4	1978	6.26	6.16	6.09	6.06	6.03	6.19	6.24	6.15	6.22	6.42	6.46	6.49	6.55
1979	1.0	1.6	1.0	.9	.9	1.3	.6	1.0	1.7	1.2	.6	.8	.6	1979	6.38	6.55	6.50	6.54	6.33	6.15	6.24	6.21	6.16	6.27	6.52	6.53	6.55
1980	1.2	1.2	1.4	.9	.6	1.0	1.1	1.1	1.8	2.1	1.6	1.3	.5	1980	6.51	6.26	6.32	6.40	6.38	6.40	6.41	6.40	6.52	6.48	6.73	6.90	6.89
1981		3.0	2.8	1.8										1981		7.03	6.92	7.16									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.4	4.2	8.4	2.1	2.2	2.9	3.1	2.9	4.7	3.1	2.5	2.5	3.1	1977	41.6	43.3	41.9	42.3	40.6	41.3	41.5	41.3	40.9	41.6	42.5	40.7	41.3
1978	3.1	2.2	2.3	2.2	2.7	2.8	3.7	4.4	3.1	3.5	2.9	2.5	4.4	1978	41.1	40.9	40.2	40.9	40.0	40.6	41.0	38.9	40.7	42.3	42.4	42.8	42.5
1979	3.3	3.3	2.7	4.3	2.9	3.1	3.2	4.0	3.4	3.7	3.8	2.3	3.4	1979	40.3	41.6	40.2	41.2	39.5	40.0	39.5	38.9	38.2	39.3	40.6	41.7	42.4
1980	4.1	3.6	3.4	2.7	2.7	4.4	11.3	5.3	4.7	4.0	2.3	2.2	3.4	1980	39.7	40.4	40.0	40.2	38.6	38.3	37.9	38.4	38.8	40.0	40.5	42.0	41.3
1981		3.7	3.1	2.9										1981		40.6	39.3	40.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.6	.5	.7	.7	.9	.8	.8	1.2	1.5	.9	.7	.4	1977	4.2	4.2	3.6	3.5	3.8	4.0	4.0	4.3	4.3	4.9	6.4	3.6	3.8
1978	.8	.6	.5	.7	.8	.8	.7	.9	1.3	1.3	1.1	.7	.6	1978	4.3	4.2	3.9	3.7	3.4	3.6	4.2	3.7	3.7	4.9	5.6	5.2	5.1
1979	.9	.6	.7	.9	.8	1.0	.9	1.1	1.5	1.3	.7	.6	.5	1979	3.3	4.6	4.7	4.5	3.3	3.8	2.6	2.2	1.9	2.4	2.7	3.2	3.5
1980	.6	.5	.6	.6	.6	.6	.6	.5	.9	.9	.5	.5	.4	1980	2.5	2.2	2.4	2.4	1.8	1.5	1.5	1.9	2.6	3.0	3.5	4.0	3.7
1981		.5	.3	.5										1981		3.0	3.0	3.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.5	2.5	6.8	.4	.5	.9	1.1	.8	2.0	.7	.6	.9	1.8	1977	5.0	8.1	3.3	6.6	4.7	5.0	5.1	7.1	6.9	4.7	3.4	3.2	1.9
1978	.9	.7	.6	.4	.7	.8	1.2	1.3	.4	.7	.6	.8	2.6	1978	4.5	4.8	3.1	4.6	5.3	5.1	5.7	4.1	5.1	5.9	5.5	3.0	2.2
1979	1.3	1.6	.9	2.3	1.2	1.1	1.2	1.4	.6	1.0	1.8	.8	2.1	1979	4.4	5.6	3.1	3.7	5.5	5.4	5.6	3.5	4.8	6.0	4.2	3.3	1.8
1980	2.3	2.2	1.7	1.2	1.1	2.7	8.3	3.2	2.2	1.5	.7	.8	2.1	1980	4.4	5.2	2.4	3.9	3.8	2.5	5.2	8.3	7.3	6.0	3.8	2.3	2.4
1981		2.2	1.6	1.4										1981		4.3	2.9	2.6									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 323—PRODUCTS OF PURCHASED GLASS (Con.)														SIC 324—CEMENT, HYDRAULIC (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.7	1.4	1.3	2.4	2.9	3.4	4.0	3.0	4.2	3.6	2.6	2.0	1.2	1977	333.75	306.69	314.58	318.22	315.42	338.35	344.86	347.87	342.55	341.46	341.82	345.56	342.32
1978	3.5	2.4	2.2	3.1	3.7	4.5	5.1	3.3	4.6	5.0	4.5	2.3	1.2	1978	365.05	343.61	342.77	350.20	351.50	344.86	358.66	369.30	370.02	380.80	377.40	404.32	380.75
1979	3.0	2.4	1.8	2.6	3.7	4.0	4.7	2.6	3.7	4.9	2.7	1.8	1.1	1979	409.07	392.21	381.01	401.56	410.83	408.53	414.19	412.13	409.28	416.08	412.85	430.84	414.40
1980	1.9	1.9	1.3	1.8	1.3	1.5	2.2	2.1	2.7	2.8	2.8	1.6	.8	1980	446.27	412.58	422.58	437.47	427.91	443.52	454.97	453.46	446.78	452.94	457.26	470.26	469.88
1981		1.2	1.5	1.1										1981		458.70	459.13	461.48									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	2.0	5.9	1.6	3.9	1.7	1.5	.8	3.9	2.4	.9	.7	1.0	.6	1977	7.89	7.39	7.49	7.47	7.51	7.98	8.02	8.09	8.06	8.13	8.10	8.15	8.17
1978	.9	2.1	.8	1.4	1.5	.4	.4	.6	.4	.8	1.0	.6	.9	1978	8.63	8.24	8.22	8.24	8.29	8.33	8.56	8.71	8.81	8.96	8.88	9.21	8.98
1979	1.2	2.8	1.1	.9	1.7	1.2	.8	.7	.8	1.0	1.3	1.3	.6	1979	9.58	9.10	9.05	9.21	9.51	9.59	9.70	9.72	9.63	9.79	9.76	10.09	9.82
1980	2.2	3.0	1.0	1.9	1.6	.9	2.8	6.1	3.9	3.1	.8	.6	1.5	1980	10.55	9.80	9.99	10.15	10.14	10.56	10.68	10.72	10.74	10.81	10.81	11.17	11.03
1981		2.7	1.3	1.1										1981		11.00	11.09	11.12									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.3	3.2	3.1	5.8	3.9	3.1	3.5	7.6	6.1	4.7	3.1	3.9	3.2	1977	42.3	41.5	42.0	42.6	42.0	42.4	43.0	43.0	42.5	42.0	42.2	42.4	41.9
1978	4.1	2.9	3.8	4.0	3.6	3.2	3.5	4.7	5.7	5.4	4.1	3.7	5.0	1978	42.3	41.7	41.7	42.5	42.4	41.4	41.9	42.4	42.0	42.5	42.5	43.9	42.4
1979	4.7	3.6	2.8	4.5	4.7	4.0	3.9	4.6	6.5	6.9	4.9	4.9	4.8	1979	42.7	43.1	42.1	43.6	43.2	42.6	42.7	42.4	42.5	42.5	42.3	42.7	42.2
1980	4.7	4.5	3.4	4.3	6.0	6.7	7.1	5.1	5.1	4.0	4.5	2.7	3.4	1980	42.3	42.1	42.3	43.1	42.2	42.0	42.6	42.3	41.6	41.9	42.3	42.1	42.6
1981		3.7	2.7	2.9										1981		41.7	41.4	41.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.7	.7	.7	1.5	1.8	1.5	1.8	1.9	3.8	2.7	1.6	1.4	1.0	1977	3.9	2.8	3.4	3.7	3.8	3.8	4.2	4.3	4.2	4.1	4.0	4.2	4.0
1978	2.2	1.3	1.2	1.8	2.2	2.2	2.5	2.9	4.3	3.6	2.5	1.6	.7	1978	4.3	4.3	4.4	4.4	4.5	4.1	4.3	4.3	4.4	4.7	4.4	4.1	4.0
1979	2.2	1.4	1.1	2.0	2.4	2.4	2.5	2.2	3.5	3.8	2.2	1.8	.9	1979	4.4	4.7	4.3	5.4	4.4	4.2	4.1	4.3	4.3	4.5	4.0	4.2	4.0
1980	1.4	1.3	1.0	1.3	1.0	1.4	2.0	1.7	2.2	1.9	1.8	.8	.7	1980	3.5	3.7	3.9	4.9	4.0	2.9	2.9	3.1	3.0	3.3	3.3	3.2	3.6
1981		.9	.8	.7										1981		3.2	3.1	3.0									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.6	1.7	1.4	3.5	1.2	.5	.7	4.6	1.1	.9	.6	1.5	1.4	1977	2.6	2.0	4.3	5.5	3.7	4.2	3.5	1.8	1.5	1.2	1.3	1.3	.8
1978	.9	.9	1.0	1.0	.5	.1	.1	1.0	.3	.5	.6	1.1	3.3	1978	2.0	2.0	1.4	3.3	3.1	3.4	3.2	1.6	1.5	1.3	1.4	.7	.7
1979	1.4	1.1	.4	1.3	1.2	.4	.4	1.2	1.6	1.9	1.6	2.4	3.3	1979	1.4	.9	1.0	1.5	1.7	2.8	3.2	1.0	1.0	1.2	1.4	.6	.7
1980	2.2	2.4	1.3	2.1	3.5	4.4	4.2	2.6	1.2	.7	1.9	1.1	1.4	1980	1.9	1.1	1.6	1.7	.9	2.9	3.6	2.3	2.4	2.3	1.6	1.4	1.4
1981		1.8	1.3	1.4										1981		2.8	2.1	4.5									
SIC 324—CEMENT, HYDRAULIC														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.1	.5	.7	1.0	.8	2.5	2.7	1.3	1.1	1.1	.8	.6	.5
1977	30.7	29.2	28.3	29.6	30.2	30.5	31.5	31.9	31.9	31.1	31.1	31.5	31.4	1978	1.3	.6	.5	.8	1.0	2.9	2.9	1.4	1.4	1.1	1.2	.7	.5
1978	32.2	31.3	31.0	31.0	31.7	32.2	33.1	32.7	33.0	32.4	32.4	32.7	32.3	1979	1.1	.7	.8	.9	1.0	2.4	2.8	.9	.8	1.0	1.1	.4	.4
1979	32.7	32.3	32.2	32.4	32.8	32.7	33.4	33.1	33.3	32.7	32.6	32.5	32.0	1980	.8	.7	.8	.7	.6	1.5	2.0	.5	.5	.7	.6	.4	.5
1980	30.5	31.2	30.9	30.8	30.4	30.2	31.3	30.9	30.6	30.3	29.8	30.4	29.5	1981		.6	.7	.8									
1981		29.2	29.0	28.9																							
WOMEN EMPLOYEES—IN THOUSANDS														1977	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5					
1977	1.4	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1978	.6	1.4	.9	2.4	2.1	.3	.2	.1	.1	.1	.1	.1	.1
1978	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1979	.2	.1	.2	.5	.6	.3	.2	.1	.1	.1	.2	.1	.2
1979	1.7	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1980	1.0	.3	.7	.9	.2	1.2	1.4	1.7	1.8	1.5	.9	1.0	.9
1980	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1981		2.1	1.3	3.6									
1981		1.7	1.7	1.7																							
PRODUCTION WORKERS—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	24.3	22.7	21.9	23.2	23.9	24.1	25.1	25.4	25.4	24.7	24.7	25.0	24.9	1977	1.3	1.4	3.6	4.4	2.8	1.4	.5	.4	.3	(²)	.4	.6	.1
1978	25.6	24.8	24.4	24.4	25.0	25.5	26.4	26.4	26.4	25.7	25.8	26.2	26.0	1978	.6	1.4	.9	2.4	2.1	.3	.2	.1	.1	.1	(²)	.1	.1
1979	26.2	26.1	25.9	26.0	26.4	26.2	27.0	26.6	27.0	26.2	25.9	26.0	25.6	1979	.2	.1	.2	.5	.6	.3	.2	.1	.1	.1	.2	.1	.2
1980	24.4	24.9	24.6	24.6	24.3	24.2	25.2	24.8	24.4	24.1	23.7	24.2	23.3	1980	1.0	.3	.7	.9	.2	1.2	1.4	1.7	1.8	1.5	.9	1.0	.9
1981		22.9	22.7	22.7										1981		2.1	1.3	3.6									
														SEPARATIONS PER 100 EMPLOYEES													
1977	24.3	22.7	21.9	23.2	23.9	24.1	25.1	25.4	25.4	24.7	24.7	25.0	24.9	1977	2.6	7.4	3.8	2.2	1.0	1.5	1.6	1.2	3.2	2.9	1.7	1.2	3.3
1978	25.6	24.8	24.4	24.4	25.0	25.5	26.4	26.4	26.4	25.7	25.8	26.2	26.0	1978	1.8	1.8	4.1	1.4	1.0	1.2	1.4	1.3	3.8	2.1	1.1	.9	1.1
1979	26.2	26.1	25.9	26.0	26.4	26.2	27.0	26.6	27.0	26.2	25.9	26.0	25.6	1979	1.6	1.0	.9	1.4	.9	1.2	1.0	1.2	3.4	2.2	1.2	1.3	2.9
1980	24.4	24.9	24.6	24.6	24.3	24.2	25.2	24.8	24.4	24.1	23.7	24.2	23.3	1980	3.0	3.0	2.0	1.5	2.4	2.6	2.1	1.9	4.7	3.1	2.6	4.5	5.3
1981		22.9	22.7	22.7										1981		4.6	2.6	1.9									

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.													
SIC 324—CEMENT, HYDRAULIC (Con.)														SIC 325—STRUCTURAL CLAY PRODUCTS (Con.)																										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS																										
1977	0.6	0.4	0.3	0.2	0.3	0.4	0.4	0.4	2.2	1.3	0.3	0.2	0.3	1977	4.1	3.3	3.2	3.5	4.0	4.1	4.2	4.4	4.6	4.3	4.3	4.5														
1978	.6	.2	.2	.3	.4	.4	.4	.6	2.7	1.2	.6	.3	.3	1978	4.3	4.0	4.2	4.4	4.4	4.4	4.4	4.5	4.4	4.3	4.2	4.4														
1979	.6	.3	.2	.3	.4	.4	.4	.5	2.3	1.4	.4	.3	.2	1979	4.0	3.8	3.9	4.0	4.0	4.1	4.2	4.1	4.2	4.3	4.1	3.8														
1980	.4	.5	.3	.2	.2	.2	.3	.2	1.3	.9	.3	.2	.2	1980	3.0	3.4	3.3	3.3	2.9	2.8	2.7	2.9	3.1	3.0	3.2	3.1														
1981		.3	.2	.2										1981		2.7	2.8	2.7																						
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES																										
1977	1.4	6.5	3.1	1.6	.4	.2	.4	.1	.2	.9	.8	.6	2.5	1977	6.3	3.7	8.5	10.9	6.9	7.3	7.5	5.9	6.7	6.0	4.8	4.3	3.2													
1978	.5	1.2	3.3	.5	.1	.1	.3	.1	.3	.2	.1	.1	.3	1978	6.0	4.5	4.3	5.6	7.0	7.5	8.0	6.2	7.0	7.0	6.7	4.5	3.4													
1979	.4	.3	.1	.6	.1	.1	(¹)	.1	.3	.2	.3	.7	2.1	1979	5.4	4.2	4.1	6.3	6.6	7.2	7.2	5.9	7.1	5.5	4.6	3.7	2.4													
1980	1.9	1.8	1.0	.6	1.8	1.8	1.3	1.2	2.4	1.1	1.6	3.9	4.6	1980	4.4	3.8	4.9	5.5	4.0	4.7	5.6	4.0	5.1	4.9	4.3	2.9	2.8													
1981		3.5	2.1	1.2										1981		4.2	4.7	6.9																						
SIC 325—STRUCTURAL CLAY PRODUCTS														NEW HIRES PER 100 EMPLOYEES																										
ALL EMPLOYEES—IN THOUSANDS														1977														4.5	2.1	2.0	4.4	4.8	6.2	6.5	5.0	6.2	5.5	4.4	3.6	2.7
1977	50.1	46.9	43.1	47.4	49.8	50.9	52.1	52.4	52.8	52.0	51.7	51.1	50.7	1978	5.2	3.6	3.2	4.4	5.1	6.5	7.3	5.7	6.5	6.4	6.0	4.1	3.1	1.6												
1978	51.4	49.9	49.5	49.3	50.7	51.1	52.4	52.0	52.4	52.0	52.1	52.3	52.5	1979	4.5	3.4	3.5	4.6	5.2	6.3	6.6	5.1	6.0	4.9	4.0	3.1	1.6													
1979	52.1	51.8	51.3	51.9	52.2	52.7	53.7	53.0	52.6	51.9	51.6	51.6	50.9	1980	2.3	2.4	2.5	2.7	2.0	2.0	2.3	2.3	2.7	2.9	2.6	1.9	1.5													
1980	46.2	48.9	48.2	48.7	47.5	45.5	45.4	44.4	44.7	44.7	45.1	45.7	45.2	1981		2.2	1.9	2.2																						
1981		43.1	42.3	42.4										RECALLS PER 100 EMPLOYEES																										
WOMEN EMPLOYEES—IN THOUSANDS														1977	1.6	1.3	6.5	6.2	2.0	1.0	.9	.8	.4	.4	.3	.6	.3													
1977	6.2	6.2	5.6	6.0	6.2	6.3	6.3	6.3	6.4	6.3	6.3	6.4	6.3	1978	.7	.8	1.1	1.1	1.7	.8	.5	.4	.3	.5	.5	.4	.2													
1978	6.4	6.3	6.3	6.4	6.4	6.4	6.5	6.1	6.3	6.4	6.5	6.6	6.7	1979	.8	.7	.6	1.5	1.4	.8	.5	.6	1.0	.5	.5	.6	.6													
1979	7.0	6.7	6.8	6.8	6.9	7.0	7.3	7.0	7.2	7.1	7.3	7.2	7.2	1980	1.9	1.3	2.2	2.7	1.8	2.6	2.7	1.7	2.3	1.9	1.6	.9	1.1													
1980	6.6	7.1	7.1	7.1	6.8	6.4	6.5	6.3	6.3	6.4	6.4	6.5	6.5	1981		1.9	2.6	4.6																						
1981		6.4	6.4	6.2										SEPARATIONS PER 100 EMPLOYEES																										
PRODUCTION WORKERS—IN THOUSANDS														1977	5.8	11.3	7.3	3.8	3.7	4.7	4.7	5.2	7.7	6.7	5.0	4.8	5.0													
1977	40.1	37.2	33.2	37.6	40.0	41.1	42.2	42.3	42.6	41.8	41.7	41.2	40.6	1978	5.6	5.5	3.9	5.0	5.0	5.4	5.3	5.7	8.1	7.9	6.0	4.4	4.5													
1978	40.6	39.6	39.2	38.9	40.1	40.4	41.5	41.2	41.6	40.9	41.1	41.3	41.5	1979	5.7	5.8	4.6	5.1	5.2	5.2	5.5	6.2	8.9	6.2	5.0	5.0	5.7													
1979	40.4	40.6	40.1	40.5	40.8	41.0	42.1	41.2	40.5	39.9	39.6	39.5	39.0	1980	5.8	6.5	5.5	6.3	7.1	6.9	5.9	5.7	7.4	5.1	3.6	4.5	4.2													
1980	34.8	37.1	36.3	36.9	35.5	34.1	34.0	33.2	33.5	33.7	34.0	34.7	34.3	1981		8.9	5.0	4.0																						
1981		32.4	31.6	31.7										QUITS PER 100 EMPLOYEES																										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	3.1	1.7	1.4	2.6	2.7	3.0	3.2	3.4	5.7	4.4	3.3	2.6	2.3													
1977	191.82	175.17	179.90	185.95	189.93	192.51	194.99	192.70	192.64	198.31	196.11	198.65	199.55	1978	3.8	2.5	2.2	3.2	3.6	3.7	4.0	4.1	6.5	5.7	4.2	3.0	2.5													
1978	210.02	191.66	199.10	204.26	207.58	210.12	215.69	210.01	208.28	214.32	214.20	219.54	222.18	1979	3.6	2.5	2.6	3.5	3.7	3.7	3.9	4.2	6.4	4.5	3.3	2.7	1.9													
1979	228.52	215.74	219.35	225.22	223.44	228.67	232.69	230.16	227.14	233.76	236.08	236.90	238.30	1980	2.1	2.2	2.1	2.8	2.2	2.0	1.6	2.0	2.9	2.5	1.9	1.6	1.4													
1980	245.39	237.55	236.40	240.99	243.60	242.48	244.73	237.46	246.58	251.25	250.22	259.37	259.03	1981		1.6	1.4	1.6																						
1981		254.38	254.78	262.66										LAYOFFS PER 100 EMPLOYEES																										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1.7	8.8	5.2	.5	.3	.8	.5	.8	.8	.7	.7	1.0	1.8													
1977	4.69	4.48	4.52	4.58	4.61	4.65	4.71	4.70	4.71	4.79	4.76	4.81	4.82	1978	.7	1.8	.8	.8	.3	.5	.2	.4	.3	.8	.6	.3	1.3													
1978	5.11	4.84	4.88	4.91	4.99	5.10	5.16	5.16	5.13	5.24	5.25	5.29	5.29	1979	1.0	2.3	1.2	.5	.5	.4	.5	.9	.8	.6	.7	1.3	3.0													
1979	5.56	5.34	5.35	5.44	5.49	5.51	5.58	5.60	5.54	5.66	5.73	5.75	5.77	1980	2.8	3.2	2.7	2.7	4.1	3.8	3.6	3.0	3.5	1.8	.9	2.2	2.2													
1980	6.15	5.88	5.91	5.98	6.09	6.17	6.18	6.20	6.18	6.25	6.24	6.42	6.38	1981		6.5	2.7	1.5																						
1981		6.44	6.45	6.55										SIC 326—POTTERY AND RELATED PRODUCTS																										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS																										
1977	40.9	39.1	39.8	40.6	41.2	41.4	41.4	41.0	40.9	41.4	41.2	41.3	41.4	1977	45.6	44.4	43.9	44.7	44.7	45.2	46.3	45.5	46.3	46.8	46.8	46.9	45.8													
1978	41.1	39.6	40.8	41.6	41.6	41.2	41.8	40.7	40.6	40.9	40.8	41.5	42.0	1978	46.5	45.4	45.8	46.2	45.4	46.1	46.7	46.2	46.6	47.0	47.6	48.0	47.5													
1979	41.1	40.4	41.0	41.4	40.7	41.5	41.7	41.1	41.0	41.3	41.2	41.2	41.3	1979	47.8	45.9	45.9	46.6	47.3	47.8	48.3	47.4	48.2	48.9	49.3	49.7	48.6													
1980	39.9	40.4	40.0	40.3	40.0	39.3	39.6	38.3	39.9	40.2	40.1	40.4	40.6	1980	46.4	48.2	48.9	49.2	48.5	46.8	46.1	42.7	44.2	45.6	45.6	46.0	45.2													
1981		39.5	39.5	40.1										1981		44.9	45.0	44.8																						

See footnotes at end of tables.

MANUFACTURING

SIC 327

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 326—POTTERY AND RELATED PRODUCTS (Con.)														SIC 326—POTTERY AND RELATED PRODUCTS (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	16.1	15.7	15.4	15.7	15.6	15.8	16.3	15.8	16.5	16.8	16.9	16.8	16.2	1977	0.8	2.2	1.5	2.4	0.4	0.7	0.6	0.4	0.8	0.2	0.3	0.2	0.2
1978	16.4	15.9	16.0	16.1	15.9	16.2	16.3	15.9	16.3	16.9	17.1	17.3	16.8	1978	.4	.9	.4	.3	.3	.3	.1	.3	.7	.6	.3	.2	.2
1979	16.7	16.1	16.2	16.5	16.7	16.7	16.7	16.3	16.6	17.0	17.2	17.2	16.6	1979	.4	.2	.4	.5	.5	.3	.5	.3	.4	.5	.2	.3	.3
1980	15.3	16.3	16.4	16.6	16.1	15.7	15.3	13.3	14.1	14.9	15.0	15.2	14.9	1980	1.2	1.8	1.1	.8	.7	.7	1.0	1.4	2.4	2.1	1.0	.8	.8
1981		14.8	14.9	14.7										1981		2.1	.9	1.0									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	38.1	37.1	36.4	37.1	37.0	37.6	38.7	38.0	38.9	39.4	39.3	39.5	38.5	1977	4.5	5.3	5.0	4.0	4.5	4.5	4.1	4.1	6.2	5.2	4.4	4.4	3.0
1978	39.2	38.1	38.7	38.9	38.3	38.7	39.3	38.6	39.3	39.7	40.2	40.4	39.8	1978	4.0	3.5	3.0	3.3	4.3	4.2	3.9	4.2	5.2	5.2	4.1	2.9	3.9
1979	40.2	38.7	38.7	39.2	40.0	40.2	40.7	39.6	40.5	41.3	41.6	41.7	40.7	1979	3.8	4.4	3.0	3.3	3.9	2.9	3.7	3.1	5.2	4.1	4.0	3.6	4.7
1980	38.3	40.0	40.3	40.7	40.2	38.4	38.1	34.6	36.4	37.6	37.7	37.8	37.2	1980	3.9	3.7	2.7	3.5	4.2	5.2	4.6	4.1	5.0	3.4	3.8	3.7	3.4
1981		37.1	37.0	36.8										1981		3.5	2.2	4.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	188.46	173.80	183.52	185.97	187.54	189.12	187.59	184.99	187.02	193.25	194.93	195.82	200.66	1977	2.3	1.7	1.4	2.2	2.2	2.4	2.1	2.1	4.3	3.1	2.4	2.0	1.3
1978	204.75	190.88	202.18	202.80	199.76	203.03	208.80	200.06	201.88	205.67	210.67	213.60	217.31	1978	2.3	1.7	1.7	1.9	2.4	2.3	2.0	2.4	3.1	3.6	2.5	1.9	1.6
1979	221.70	214.42	217.40	219.30	214.83	217.23	220.35	217.93	217.16	225.79	228.31	233.38	233.84	1979	1.9	1.7	1.1	1.6	1.9	1.8	1.7	1.9	3.3	2.5	2.3	1.5	1.3
1980	245.94	237.94	243.97	243.32	242.97	241.34	240.24	234.84	243.51	245.22	255.42	262.25	262.42	1980	1.3	1.5	1.2	1.4	1.2	1.3	.9	1.4	2.8	1.5	1.3	1.0	.6
1981		264.77	264.99	269.96										1981		1.1	.8	1.0									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.82	4.61	4.73	4.72	4.76	4.80	4.81	4.83	4.82	4.88	4.91	4.92	5.08	1977	1.0	2.6	2.5	.6	.7	.7	.5	.8	.3	.5	.4	1.3	.7
1978	5.21	5.09	5.08	5.07	5.07	5.14	5.22	5.21	5.23	5.26	5.32	5.34	5.46	1978	.6	.5	.3	.2	.7	.7	.7	.9	.6	.5	.6	.2	1.5
1979	5.67	5.47	5.56	5.51	5.58	5.57	5.65	5.72	5.67	5.76	5.78	5.82	5.95	1979	1.0	1.8	1.0	.8	1.0	.3	1.0	.4	.6	.5	.4	1.2	2.6
1980	6.29	6.07	6.13	6.16	6.23	6.22	6.24	6.33	6.26	6.32	6.45	6.54	6.61	1980	1.7	1.4	.7	1.3	2.2	3.0	2.8	1.8	1.0	.9	1.3	2.0	2.0
1981		6.72	6.76	6.80										1981		1.5	.8	2.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 327—CONCRETE, GYPSUM, AND PLASTER PRODUCTS													
1977	39.1	37.7	38.8	39.4	39.4	39.4	39.0	38.3	38.8	39.6	39.7	39.8	39.5	ALL EMPLOYEES—IN THOUSANDS													
1978	39.3	37.5	39.8	40.0	39.4	39.5	40.0	38.4	38.6	39.1	39.6	40.0	39.8	1977	197.0	170.5	169.5	181.0	191.7	199.3	207.6	209.9	210.7	209.2	208.6	206.7	199.7
1979	39.1	39.2	39.1	39.8	38.5	39.0	39.0	38.1	38.3	39.2	39.5	40.1	39.3	1978	210.1	186.6	184.6	193.4	207.5	215.4	222.3	222.1	222.5	220.7	219.3	217.2	209.3
1980	39.1	39.2	39.8	39.5	39.0	38.8	38.5	37.1	38.9	38.8	39.6	40.1	39.7	1979	216.0	193.9	194.5	204.3	212.6	220.8	227.7	228.2	229.1	225.5	224.7	219.2	211.1
1981		39.4	39.2	39.7										1980	204.1	198.4	195.2	198.3	202.6	207.7	210.3	210.1	210.4	209.0	207.1	204.6	195.2
1981		39.4	39.2	39.7										1981		183.0	178.6	185.9									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.5	1.9	2.5	2.5	2.3	2.3	2.4	2.1	2.5	2.7	2.9	2.8	2.6	1977	13.0	12.1	12.2	12.2	12.5	12.9	13.3	13.3	13.3	13.3	13.4	13.5	13.6
1978	2.6	2.2	2.7	2.6	2.4	2.4	2.5	2.1	2.5	2.5	3.0	3.0	2.7	1978	14.3	13.4	13.5	13.6	13.8	14.3	14.6	14.9	15.0	15.0	14.6	14.6	14.4
1979	2.5	2.4	2.4	2.4	2.2	2.4	2.4	2.2	2.5	2.7	2.8	2.8	2.4	1979	15.3	14.3	14.3	14.5	14.8	15.2	15.7	15.8	15.9	15.9	15.7	15.6	15.6
1980	2.4	2.2	2.6	2.5	2.3	2.2	1.9	1.8	2.5	2.6	2.7	2.9	2.6	1980	15.3	15.4	15.2	15.1	15.2	15.1	15.2	15.4	15.5	15.4	15.5	15.4	15.2
1981		2.3	2.2	2.0										1981		15.0	14.8	14.6									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.6	4.6	3.9	6.6	3.8	4.4	6.0	5.0	6.9	4.9	4.1	3.3	2.0	1977	153.4	128.9	127.8	138.6	148.8	155.7	163.4	165.7	166.5	164.5	163.7	162.0	155.2
1978	4.0	3.7	3.1	4.5	4.4	4.1	4.8	4.0	4.2	5.3	3.9	3.3	2.1	1978	164.4	142.9	140.4	148.9	162.2	169.3	175.8	175.3	175.9	174.6	173.0	171.2	163.6
1979	3.5	2.9	2.6	2.9	3.6	4.1	4.2	3.6	4.6	4.5	4.5	2.5	1.4	1979	168.3	148.3	148.6	158.0	165.1	172.4	179.5	179.6	180.1	177.1	176.0	171.3	163.5
1980	3.2	4.1	2.8	3.1	2.4	2.6	2.7	3.3	5.6	4.4	3.1	2.2	1.8	1980	157.1	150.5	148.3	150.8	155.3	160.3	162.7	162.6	163.0	162.2	160.8	158.6	149.6
1981		3.3	2.6	2.8										1981		137.7	134.0	140.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.5	2.1	2.2	3.9	3.0	3.6	4.8	4.2	5.7	4.4	3.5	2.8	1.5	1977	247.51	203.66	220.95	229.63	244.81	250.26	255.06	257.25	259.45	260.29	261.60	257.14	248.05
1978	3.3	2.6	2.4	3.9	4.0	3.6	4.2	3.4	3.1	4.5	3.3	3.0	1.7	1978	269.21	213.89	227.56	250.20	265.61	271.56	282.24	283.85	286.78	286.00	288.63	279.06	277.33
1979	2.9	2.4	1.8	2.2	2.8	3.7	3.6	3.1	4.0	3.8	3.8	2.3	1.0	1979	292.32	246.38	256.80	277.95	277.20	296.09	303.01	301.78	309.28	309.67	308.79	304.44	301.04
1980	1.8	2.1	1.6	2.1	1.5	1.6	1.5	1.8	2.9	2.1	1.9	1.2	.8	1980	309.59	269.40	270.20	286.22	297.88	303.97	316.63	318.61	323.60	333.25	332.13	328.74	322.40
1981		1.1	1.6	1.6										1981		306.53	294.12	318.71									

See footnotes at end of tables.

SIC 327

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 327—CONCRETE, GYPSUM, AND PLASTER PRODUCTS (Con.)														SIC 327—CONCRETE, GYPSUM, AND PLASTER PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.81	5.46	5.51	5.56	5.68	5.74	5.81	5.86	5.91	5.97	6.00	5.98	5.92	1977	1.8	6.1	2.4	0.9	0.8	0.8	0.5	0.8	0.7	1.1	1.3	2.0	4.7
1978	6.29	5.86	5.88	6.00	6.12	6.20	6.30	6.35	6.43	6.50	6.53	6.52	6.51	1978	1.5	4.4	1.7	.7	.6	.6	.5	.7	.8	.9	1.0	2.3	4.2
1979	6.83	6.35	6.42	6.54	6.60	6.76	6.84	6.89	6.95	7.07	7.05	7.08	7.10	1979	1.7	4.6	2.1	1.1	.6	.5	.6	.5	1.0	1.0	1.8	2.5	4.5
1980	7.46	6.89	7.00	7.12	7.23	7.36	7.45	7.55	7.65	7.75	7.76	7.79	7.75	1980	2.4	4.6	2.9	1.8	1.9	2.3	1.4	1.5	1.8	1.7	2.0	2.8	4.6
1981		7.78	7.74	7.85										1981		5.6	2.8	1.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3271—CONCRETE BLOCK AND BRICK													
1977	42.6	37.3	40.1	41.3	43.1	43.6	43.9	43.9	43.9	43.6	43.6	43.0	41.9	ALL EMPLOYEES—IN THOUSANDS													
1978	42.8	36.5	38.7	41.7	43.4	43.8	44.8	44.7	44.6	44.0	44.2	42.8	42.6	1977	22.8	20.2	19.3	21.0	22.5	23.5	24.4	24.3	24.3	23.9	23.7	23.4	23.0
1979	42.8	38.8	40.0	42.5	42.0	43.8	44.3	43.8	44.5	43.8	43.8	43.0	42.4	1978	23.7	21.5	20.8	22.1	23.9	24.3	24.8	25.0	25.1	24.5	24.5	24.5	23.6
1980	41.5	39.1	38.6	40.2	41.2	41.3	42.5	42.2	42.3	43.0	42.8	42.2	41.6	1979	23.4	21.6	21.2	22.4	23.7	24.6	24.9	24.7	24.5	23.9	23.6	23.1	22.4
1981		39.4	38.0	40.6										1980	21.2	21.2	20.4	20.9	21.2	21.3	21.4	21.4	21.7	21.5	21.5	21.4	20.5
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		19.1	18.2	19.1									
1977	6.0	3.1	4.4	5.1	6.0	6.6	6.7	7.0	6.9	6.7	6.7	6.0	5.3	PRODUCTION WORKERS—IN THOUSANDS													
1978	6.4	3.8	4.4	5.5	6.7	6.9	7.5	7.5	7.4	7.2	7.2	6.2	5.8	1977	15.7	13.4	12.8	14.3	15.7	16.5	17.2	17.0	17.0	16.6	16.5	16.1	15.6
1979	6.1	4.3	4.7	5.8	5.5	6.7	7.1	6.7	7.1	6.8	6.5	5.7	5.1	1978	16.6	14.6	14.0	15.1	16.7	17.1	17.5	17.6	17.7	17.5	17.4	17.4	16.5
1980	4.9	4.1	3.9	4.5	4.5	4.6	5.2	5.1	5.4	5.8	5.7	5.3	4.8	1979	16.6	15.0	14.7	15.8	16.8	17.5	17.9	17.7	17.5	17.0	16.8	16.4	15.8
1981		4.1	3.8	4.6										1980	14.7	14.4	13.9	14.3	14.6	14.8	14.9	14.9	15.0	15.0	15.0	15.0	14.3
ACCESSIONS PER 100 EMPLOYEES														1981		12.9	12.2	13.0									
1977	5.8	3.5	5.9	9.2	8.6	7.6	6.7	5.8	5.8	5.4	4.3	3.5	3.2	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	5.5	3.9	4.0	8.3	8.8	7.5	7.0	5.4	5.7	5.2	4.4	3.5	2.6	1977	227.94	184.13	201.50	211.09	227.19	228.51	237.51	241.30	241.98	239.23	239.32	235.49	228.54
1979	5.6	4.1	4.7	8.5	8.1	7.7	7.1	5.8	5.8	4.7	4.7	3.4	2.3	1978	247.24	195.81	199.28	229.19	240.90	252.11	260.35	262.54	264.81	265.19	263.73	260.89	254.32
1980	4.7	4.4	4.3	5.9	6.5	6.2	5.3	4.6	4.8	4.3	4.0	3.0	2.6	1979	274.44	230.29	241.38	264.05	266.74	282.56	281.42	287.84	292.19	284.65	283.72	282.74	286.23
1981		3.9	4.1	7.4										1980	283.41	250.04	242.52	258.24	272.95	276.41	283.96	291.25	292.22	306.05	314.30	304.50	303.46
NEW HIRES PER 100 EMPLOYEES														1981		289.04	286.48	303.12									
1977	4.2	2.3	2.9	4.6	5.0	5.5	5.5	4.9	5.2	4.8	3.7	2.8	2.7	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	4.3	2.8	2.5	4.7	5.7	5.7	5.8	4.8	4.9	4.6	4.0	3.1	2.2	1977	5.24	4.99	5.05	5.05	5.14	5.17	5.22	5.28	5.33	5.34	5.39	5.34	5.39
1979	4.3	3.4	3.1	4.5	5.0	5.6	5.9	5.0	5.2	4.2	4.2	2.9	1.8	1978	5.71	5.35	5.30	5.38	5.50	5.64	5.76	5.77	5.82	5.88	5.90	5.97	5.97
1980	3.0	2.9	2.8	3.3	3.0	2.9	3.3	3.2	3.4	3.2	3.0	2.4	1.9	1979	6.28	5.92	6.08	6.07	6.09	6.21	6.24	6.34	6.45	6.44	6.39	6.47	6.52
1981		2.6	2.8	3.4										1980	6.70	6.33	6.45	6.44	6.53	6.55	6.65	6.68	6.78	6.94	7.00	7.00	6.96
RECALLS PER 100 EMPLOYEES														1981		7.19	7.18	7.20									
1977	1.4	.9	2.8	4.4	3.4	1.9	1.0	.7	.4	.5	.4	.5	.4	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	1.1	1.0	1.4	3.5	2.9	1.7	1.0	.5	.6	.4	.3	.3	.4	1977	43.5	36.9	39.9	41.8	44.2	44.2	45.5	45.7	45.4	44.8	44.4	44.1	42.4
1979	1.2	.6	1.5	3.9	2.9	1.9	1.0	.7	.5	.5	.4	.4	.4	1978	43.3	36.6	37.6	42.6	43.8	44.7	45.2	45.5	45.1	44.7	44.7	43.7	42.6
1980	1.6	1.4	1.4	2.5	3.4	3.2	1.9	1.3	1.1	.9	.9	.6	.7	1979	43.7	38.9	39.7	43.5	43.8	45.5	45.1	45.4	45.3	44.2	44.4	43.7	43.9
1981		1.1	1.2	3.9										1980	42.3	39.5	37.6	40.1	41.8	42.2	42.7	43.6	43.1	44.1	44.9	43.5	43.6
SEPARATIONS PER 100 EMPLOYEES														1981		40.2	39.9	42.1									
1977	5.2	8.5	4.7	4.2	4.1	4.1	3.9	4.4	5.5	5.9	4.9	4.9	7.5	PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1978	5.1	7.5	3.8	4.1	4.3	4.3	4.5	4.4	6.3	5.6	4.7	5.4	6.9	1977	6.4	3.1	4.2	5.2	6.3	6.8	7.4	7.8	7.7	7.4	7.3	6.5	5.6
1979	5.4	8.1	4.9	4.4	4.2	4.3	4.4	4.3	6.7	5.5	5.5	5.5	6.9	1978	6.9	3.4	3.7	5.7	7.6	8.3	8.3	8.3	8.0	7.7	7.8	7.1	6.0
1980	5.2	7.5	5.8	4.5	4.8	5.1	4.1	3.9	5.2	4.6	4.7	5.0	6.8	1979	6.5	4.6	4.7	6.6	6.3	7.4	7.5	7.6	7.3	6.9	6.8	6.2	5.4
1981		7.9	5.1	4.0										1980	4.8	4.0	3.8	4.5	4.5	4.3	5.0	5.2	4.6	5.5	5.9	5.5	5.1
QUITS PER 100 EMPLOYEES														1981		3.8	3.8	4.5									
1977	2.4	1.6	1.6	2.4	2.4	2.3	2.3	2.5	3.6	3.6	2.7	2.0	1.9	SIC 3272—CONCRETE PRODUCTS, NEC													
1978	2.7	2.1	1.5	2.5	2.7	2.8	2.8	2.6	4.2	3.5	2.7	2.2	1.9	ALL EMPLOYEES—IN THOUSANDS													
1979	2.7	2.5	2.0	2.4	2.7	2.8	2.9	2.7	4.3	3.5	2.8	2.1	1.6	1977	67.6	59.9	59.3	62.6	64.4	66.6	70.1	71.4	72.3	72.1	71.8	70.8	69.4
1980	1.8	2.0	2.0	1.8	2.1	1.9	1.8	1.5	2.5	2.1	1.6	1.4	1.2	1978	72.0	66.0	66.3	68.3	71.4	73.0	75.4	74.5	74.6	74.4	74.3	73.7	72.0
1981		1.5	1.6	1.7										1979	72.3	68.1	68.5	70.4	71.5	72.9	75.0	75.4	76.3	75.3	74.1	71.5	68.9

See footnotes at end of tables.

SIC 329

See footnotes at end of tables.

SIC 329

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 329—MISC. NONMETALLIC MINERAL PRODUCTS (Con.)														SIC 329—MISC. NONMETALLIC MINERAL PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.74	5.55	5.58	5.56	5.60	5.65	5.75	5.78	5.78	5.84	5.84	5.92	5.99	1977	1.1	3.6	2.8	0.6	0.6	0.6	0.3	0.9	0.9	0.8	1.0	0.5	0.7
1978	6.26	5.99	6.04	6.07	6.12	6.20	6.28	6.29	6.32	6.37	6.40	6.45	6.55	1978	.6	1.2	.8	.5	.4	.6	.7	.7	.5	.5	.4	.9	
1979	6.82	6.58	6.62	6.62	6.64	6.71	6.84	6.86	6.90	6.95	6.98	7.04	7.10	1979	.9	.6	.5	.5	.7	.5	.4	.9	1.3	.9	1.2	1.4	1.4
1980	7.40	7.10	7.20	7.22	7.24	7.35	7.38	7.41	7.50	7.52	7.57	7.65	7.69	1980	2.0	1.2	1.3	1.6	2.5	3.7	2.9	2.0	2.8	1.5	1.6	1.0	1.8
1981		7.73	7.87	7.86										1981		1.6	1.3	1.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3291—ABRASIVE PRODUCTS													
1977	41.4	40.4	41.4	40.8	40.9	41.7	41.8	41.0	41.6	41.4	41.5	41.8	42.4	ALL EMPLOYEES—IN THOUSANDS													
1978	42.2	41.0	41.2	41.9	42.1	42.2	42.4	41.8	42.2	42.2	42.5	43.2	43.3	1977	26.1	25.9	25.3	25.4	25.6	25.7	26.5	26.4	26.4	26.5	26.5	26.4	27.1
1979	41.9	42.2	42.2	42.9	41.1	41.7	42.0	41.4	41.7	41.7	41.8	42.1	42.6	1978	28.0	27.4	27.4	27.6	27.2	27.6	27.7	28.2	28.6	28.2	28.6	28.8	29.2
1980	41.0	41.6	41.6	41.6	40.8	40.6	40.6	39.9	40.0	40.4	40.7	41.6	42.2	1979	29.8	29.3	29.2	29.5	29.7	30.0	30.4	30.1	30.1	29.6	29.5	29.7	29.9
1981		41.1	40.8	41.4										1980	29.1	30.0	30.2	30.2	30.3	29.8	29.5	28.7	28.1	27.8	27.6	28.3	28.7
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.9	3.3	3.6	3.7	3.8	3.9	4.1	4.1	4.0	3.9	3.9	4.3	4.3	1977	18.3	18.0	17.6	17.7	17.9	18.0	18.6	18.4	18.6	18.7	18.5	18.4	19.0
1978	4.4	4.1	4.2	4.1	4.2	4.1	4.4	4.3	4.6	4.7	4.5	4.6	4.6	1978	19.3	19.1	19.1	19.2	18.7	19.0	18.9	19.3	19.6	19.3	19.6	19.7	20.0
1979	4.3	4.3	4.6	4.6	3.8	4.2	4.3	4.2	4.2	4.3	4.3	4.2	4.1	1979	20.4	20.0	20.0	20.1	20.1	20.5	20.8	20.8	20.8	20.5	20.3	20.3	20.5
1980	3.3	3.8	3.8	3.7	3.2	2.8	2.9	2.8	2.9	3.0	3.1	3.5	3.5	1980	19.5	20.6	20.7	20.6	20.6	20.1	19.6	18.8	18.3	18.1	18.2	19.0	19.4
1981		3.4	3.4	3.4										1981		19.4	19.4	19.7									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.4	2.8	6.0	3.7	3.0	3.9	4.5	3.3	3.4	3.2	2.8	2.5	2.1	1977	226.00	211.58	222.08	218.12	211.58	223.11	223.44	224.01	227.93	230.20	229.31	239.78	248.40
1978	3.3	2.7	2.8	2.5	3.0	4.1	4.5	3.5	4.4	3.5	3.1	2.7	2.1	1978	251.72	238.40	247.86	248.46	247.46	247.65	252.75	248.52	251.10	252.72	255.19	261.65	268.69
1979	3.2	3.3	3.2	3.0	3.5	4.2	4.1	3.8	3.4	2.8	2.8	2.1	1.9	1979	270.25	264.62	267.39	270.63	256.61	266.02	271.42	268.13	264.80	272.28	271.08	275.81	292.16
1980	2.7	2.9	2.5	2.4	2.0	2.5	3.0	3.5	3.5	3.1	3.1	2.3	1.6	1980	290.73	287.53	287.64	293.04	284.89	292.40	287.62	287.39	283.01	281.39	292.07	297.82	314.18
1981		3.0	2.5	2.9										1981		300.85	304.30	310.50									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	2.3	1.9	1.8	2.4	2.4	3.0	3.5	2.6	2.6	2.5	2.1	1.8	1.5	1977	5.65	5.51	5.47	5.55	5.51	5.62	5.60	5.70	5.67	5.69	5.75	6.00	
1978	2.6	1.9	1.8	1.9	2.4	3.3	3.8	2.7	3.7	3.1	2.8	2.3	1.5	1978	6.20	5.99	6.09	6.06	6.11	6.13	6.21	6.26	6.20	6.24	6.27	6.32	6.49
1979	2.5	2.7	2.6	2.5	2.7	3.6	3.4	2.7	2.9	2.2	2.4	1.6	1.1	1979	6.64	6.47	6.49	6.49	6.48	6.52	6.62	6.67	6.62	6.69	6.71	6.81	7.04
1980	1.3	1.6	1.3	1.4	1.2	1.1	1.3	1.3	1.4	1.5	1.2	.9	.9	1980	7.25	7.03	7.05	7.13	7.14	7.31	7.30	7.35	7.37	7.29	7.32	7.39	7.41
1981		1.3	1.1	1.4										1981		7.41	7.44	7.50									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	.9	.8	4.0	1.1	.5	.6	.6	.6	.6	.5	.5	.5	.4	1977	40.0	38.4	40.6	39.3	38.4	39.7	39.9	39.3	40.2	40.6	40.3	41.7	41.4
1978	.4	.6	.8	.5	.5	.4	.4	.6	.4	.2	.3	.3	.4	1978	40.6	39.8	40.7	41.0	40.5	40.4	40.7	40.5	40.5	40.5	40.7	41.4	41.4
1979	.5	.5	.5	.4	.6	.3	.4	1.0	.4	.4	.3	.4	.6	1979	40.7	40.9	41.2	41.7	39.6	40.8	41.0	40.2	40.0	40.7	40.4	40.5	41.5
1980	1.3	1.1	1.2	.8	.7	1.1	1.2	2.1	2.1	1.4	1.7	1.2	.7	1980	40.1	40.9	40.8	41.1	39.9	40.0	39.4	39.1	38.4	38.6	39.9	40.3	42.4
1981		1.5	1.3	1.4										1981		40.6	40.9	41.4									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.2	5.4	4.4	2.6	2.5	2.6	2.6	3.2	4.5	3.5	3.0	2.0	2.3	1977	3.0	2.6	2.9	2.7	2.3	2.9	2.9	3.0	3.1	3.3	3.2	3.5	3.8
1978	3.0	2.9	2.4	2.3	2.6	3.0	3.3	3.1	4.9	3.8	3.0	2.2	2.5	1978	3.5	3.4	4.1	3.7	3.4	3.2	3.3	3.2	3.3	3.5	3.6	3.9	3.8
1979	3.3	2.9	2.7	2.9	3.1	3.2	3.2	3.4	5.7	3.5	3.1	3.2	2.8	1979	3.4	3.6	3.6	3.8	2.6	3.4	3.4	3.3	3.0	3.4	3.6	3.5	3.6
1980	3.7	3.1	2.9	3.3	4.2	5.6	4.4	3.7	5.3	3.3	3.2	2.1	2.9	1980	2.8	3.6	3.4	3.6	3.1	2.8	2.3	2.2	2.1	1.8	2.5	2.8	3.4
1981		3.1	2.6	2.5										1981		2.9	2.9	3.1									
QUITS PER 100 EMPLOYEES														SIC 3292—ASBESTOS PRODUCTS													
1977	1.3	1.0	.9	1.2	1.2	1.4	1.5	1.5	2.4	2.0	1.3	.9	.8	ALL EMPLOYEES—IN THOUSANDS													
1978	1.5	1.0	1.0	1.2	1.4	1.4	1.7	1.7	3.0	2.3	1.6	1.2	.9	1977	21.6	21.3	21.3	21.3	21.5	21.7	22.1	22.2	21.7	21.8	21.8	21.7	21.3
1979	1.6	1.5	1.3	1.5	1.6	1.7	1.9	1.6	3.0	1.7	1.2	1.1	.8	1978	22.2	21.2	21.3	21.5	21.7	21.9	22.6	23.0	22.5	22.4	22.7	23.0	23.0
1980	.9	1.1	.9	1.1	.9	.9	.9	.9	1.5	1.1	.9	.6	.5	1979	21.7	23.1	22.8	22.4	22.4	22.6	22.7	21.9	21.9	21.2	20.5	19.6	19.4
1981		.8	.7	.8																							

See footnotes at end of tables.

MANUFACTURING

SIC 33

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3292—ASBESTOS PRODUCTS (Con.)														SIC 33—PRIMARY METAL INDUSTRIES (Con.)													
ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1980	17.2	19.3	18.9	18.6	18.4	16.2	16.2	15.7	16.0	16.4	16.3	16.8	17.1	1977	110.1	103.3	103.3	105.9	108.3	110.6	113.3	112.2	110.4	113.6	113.1	113.1	113.8
1981		17.1	17.3	17.3										1978	121.1	114.3	114.5	115.0	116.2	117.8	120.4	122.1	123.1	125.7	126.6	127.7	129.9
PRODUCTION WORKERS—IN THOUSANDS														1979	134.2	130.5	131.6	132.3	133.6	135.0	138.4	137.5	134.9	135.1	134.7	134.1	132.9
1977	16.8	16.6	16.6	16.6	16.8	16.8	17.3	17.4	16.8	16.8	16.9	16.8	16.4	1980	124.6	131.8	132.2	132.5	131.5	123.5	121.6	115.9	116.1	119.8	121.7	123.9	124.8
1978	17.2	16.4	16.5	16.6	16.7	16.9	17.5	17.8	17.3	17.3	17.7	17.8	18.0	1981		124.7	124.4	125.2									
1979	16.8	18.0	17.8	17.3	17.3	17.5	17.7	17.1	16.9	16.4	15.8	15.3	14.9	PRODUCTION WORKERS—IN THOUSANDS													
1980	13.1	14.9	14.6	14.3	14.1	12.1	12.0	11.9	12.1	12.7	12.6	13.0	13.2	1977	922.1	899.3	893.6	913.7	923.4	937.8	949.6	926.6	918.8	933.4	926.3	919.8	922.3
1981		13.3	13.4	13.4										1978	954.3	929.3	929.4	929.0	939.5	949.9	961.3	951.5	955.0	971.0	970.3	979.6	986.2
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1979	986.4	987.3	987.7	993.6	1,001.9	1,000.4	1,014.2	997.5	984.4	987.4	969.5	961.3	951.6
1977	263.95	247.23	256.49	258.13	265.43	262.48	267.41	262.84	269.33	270.07	259.95	271.06	276.95	1980	879.2	949.5	946.7	945.6	935.7	891.6	854.7	803.3	808.6	832.5	843.9	863.0	875.0
1978	281.01	265.02	250.88	267.95	274.68	280.58	280.58	280.36	286.01	289.29	293.26	294.81	300.79	1981		877.1	877.3	880.9									
1979	290.79	293.23	284.43	289.39	265.59	284.56	296.95	291.75	293.99	296.73	300.24	298.03	300.24	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1980	307.27	298.87	303.84	307.52	304.14	295.80	302.81	309.00	309.55	310.43	308.45	316.47	322.70	1977	305.62	279.20	284.31	290.58	298.69	305.76	310.06	308.51	310.31	317.82	316.36	319.19	325.14
1981		322.26	325.21	327.95										1978	342.76	323.05	329.54	329.51	331.17	335.27	341.01	342.76	347.36	356.17	352.80	359.97	365.08
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1979	371.77	363.76	368.38	366.63	371.96	365.98	370.66	373.77	371.28	378.72	372.60	377.29	379.96
1977	6.11	5.79	5.91	5.88	6.06	6.09	6.19	6.17	6.22	6.31	6.16	6.26	6.28	1980	391.78	378.51	384.62	385.02	387.32	378.07	377.32	379.44	384.15	397.40	402.99	419.83	430.98
1978	6.46	6.28	6.21	6.29	6.30	6.45	6.45	6.46	6.53	6.62	6.59	6.61	6.64	1981		425.80	429.79	432.37									
1979	6.94	6.71	6.63	6.73	6.69	6.89	7.02	7.03	7.05	7.15	7.20	7.13	7.20	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1980	7.44	7.15	7.20	7.27	7.40	7.25	7.44	7.50	7.55	7.59	7.56	7.70	7.72	1977	7.40	6.98	7.02	7.07	7.18	7.35	7.40	7.47	7.55	7.64	7.66	7.71	7.76
1981		7.86	8.01	7.96										1978	8.20	7.86	7.96	7.94	7.98	8.04	8.10	8.20	8.31	8.42	8.42	8.53	8.57
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1979	8.98	8.62	8.75	8.75	8.92	8.84	8.91	9.05	9.10	9.17	9.11	9.27	9.29
1977	43.2	42.7	43.4	43.9	43.8	43.1	43.2	42.6	43.3	42.8	42.2	43.3	44.1	1980	9.77	9.30	9.45	9.46	9.54	9.62	9.65	9.83	9.85	9.96	10.10	10.29	10.36
1978	43.5	42.2	40.4	42.6	43.6	43.5	43.5	43.4	43.8	43.7	44.5	44.6	45.3	1981		10.36	10.56	10.52									
1979	41.9	43.7	42.9	43.0	39.7	41.3	42.3	41.5	41.7	41.5	41.7	41.8	41.7	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1980	41.3	41.8	42.2	42.3	41.1	40.8	40.7	41.2	41.0	40.9	40.8	41.1	41.8	1977	41.3	40.0	40.5	41.1	41.6	41.6	41.9	41.3	41.1	41.6	41.3	41.4	41.9
1981		41.0	40.6	41.2										1978	41.8	41.1	41.4	41.5	41.5	41.7	42.1	41.8	41.8	42.3	41.9	42.2	42.6
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1979	41.4	42.2	42.1	41.9	41.7	41.4	41.6	41.3	40.8	41.3	40.9	40.7	40.9
1977	4.7	4.2	4.3	5.0	5.3	5.2	5.2	4.9	4.7	4.7	4.2	4.2	4.7	1980	40.1	40.7	40.7	40.7	40.6	39.3	39.1	38.6	39.0	39.9	39.9	40.8	41.6
1978	4.8	4.9	4.4	4.1	4.8	4.3	4.6	4.9	5.3	5.5	5.3	4.7	4.7	1981		41.1	40.7	41.1									
1979	3.3	4.0	3.7	3.9	2.2	2.8	3.3	3.1	3.1	3.4	3.5	3.2	3.5	PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1980	2.8	3.4	3.1	3.2	2.6	2.1	2.1	2.4	2.3	2.5	2.9	3.1	3.2	1977	3.7	3.3	3.5	3.6	3.7	3.8	3.9	3.8	3.7	4.0	3.7	3.8	4.1
1981		3.1	2.9	2.9										1978	4.2	4.1	4.2	3.8	3.8	3.9	4.1	4.2	4.2	4.5	4.3	4.3	4.4
SIC 3296—MINERAL WOOL														1979	3.9	4.3	4.4	4.3	3.6	3.9	4.0	3.9	3.7	3.8	3.6	3.6	3.4
ALL EMPLOYEES—IN THOUSANDS														1980	2.8	3.2	3.3	3.3	3.0	2.3	2.1	2.1	2.3	2.6	2.7	3.1	3.4
1977	28.8	28.1	27.5	28.6	29.1	29.0	31.1	27.6	28.0	27.9	28.1	29.9	30.3	ACCESSIONS PER 100 EMPLOYEES													
1978	31.6	30.5	30.7	30.9	31.5	31.7	32.1	32.3	31.5	31.7	31.7	32.3	32.5	1977	3.0	3.2	3.8	4.2	3.0	3.8	3.3	2.5	3.2	2.6	2.4	2.3	1.9
1979	33.2	32.1	32.0	32.7	32.5	32.7	33.5	33.4	33.8	33.9	34.2	33.6	33.9	1978	2.9	3.4	2.2	2.6	3.0	3.9	3.6	2.8	3.4	2.9	2.7	2.3	1.7
1980	32.0	32.7	32.6	32.4	31.9	31.0	30.3	30.8	31.5	32.5	32.9	32.8	32.2	1979	2.6	2.9	2.5	2.6	2.6	3.4	3.1	2.5	2.7	2.3	2.6	1.9	1.9
1981		31.9	31.6	31.6										1980	3.0	3.1	2.3	2.7	1.9	2.1	2.9	3.5	4.3	4.2	3.5	3.3	2.3
SIC 33—PRIMARY METAL INDUSTRIES														1981		3.3	2.5	2.7									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	1,181.6	1,154.1	1,149.0	1,170.7	1,181.5	1,197.4	1,212.0	1,190.0	1,183.5	1,195.2	1,186.0	1,178.8	1,180.8	1977	1.6	.9	1.1	1.5	1.6	2.5	2.4	1.5	2.1	1.6	1.5	1.2	.9
1978	1,214.9	1,187.5	1,186.6	1,187.1	1,197.8	1,208.8	1,222.8	1,214.8	1,218.1	1,233.9	1,231.9	1,241.2	1,248.4	1978	1.8	1.6	1.2	1.4	1.7	2.6	2.6	1.9	2.4	2.1	1.9	1.4	1.0
1979	1,253.9	1,249.5	1,250.9	1,258.0	1,267.0	1,267.2	1,283.8	1,271.0	1,255.6	1,256.8	1,237.8	1,230.1	1,218.7	1979	1.7	1.8	1.7	1.8	1.9	2.5	2.4	1.7	1.7	1.5	1.5	1.1	.7
1980	1,144.1	1,217.0	1,216.0	1,215.3	1,205.2	1,161.2	1,123.6	1,065.7	1,069.9	1,092.0	1,103.7	1,123.3	1,136.3	1980	.9	1.2	1.0	1.1	.9	.8	.8	.7	.8	.9	.7	.7	.6
1981		1,136.7	1,137.7	1,141.3										1981		.9	.8	1.0									

See footnotes at end of tables.

SIC 33
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 33—PRIMARY METAL INDUSTRIES (Con.)														SIC 331—BLAST FURNACE AND BASIC STEEL PRODUCTS (Con.)													
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.2	2.0	2.6	2.4	1.2	1.0	0.7	0.7	0.8	0.6	0.7	0.8	0.9	1977	8.36	7.77	7.84	7.90	8.03	8.36	8.36	8.44	8.62	8.70	8.69	8.75	8.80
1978	.8	1.5	.7	.9	1.0	.9	.7	.6	.6	.5	.6	.6	.5	1978	9.39	8.98	9.16	9.15	9.14	9.19	9.19	9.30	9.59	9.70	9.66	9.81	9.80
1979	.6	.8	.5	.5	.5	.6	.4	.5	.6	.6	.7	.7	.9	1979	10.41	9.90	10.14	10.06	10.28	10.23	10.26	10.47	10.66	10.68	10.59	10.91	10.85
1980	1.8	1.6	1.1	1.2	.8	.9	1.9	2.6	3.2	2.9	2.3	2.3	1.5	1980	11.40	10.84	11.13	11.01	11.07	11.28	11.24	11.47	11.59	11.67	11.76	11.99	11.95
1981		2.2	1.5	1.4										1981		11.96	12.43	12.23									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.9	3.5	3.3	2.2	2.0	2.2	2.2	3.0	3.9	3.9	3.4	2.8	2.4	1977	40.5	39.1	39.3	40.1	41.5	41.1	41.3	41.3	41.0	40.4	40.9	40.2	40.6
1978	2.5	2.6	2.4	2.9	2.2	2.3	2.4	2.5	3.6	3.2	2.6	2.1	1.8	1978	41.5	41.1	41.4	41.2	41.1	41.3	41.8	42.0	41.4	42.2	41.4	41.8	41.6
1979	2.9	2.5	2.2	2.2	2.2	2.3	2.2	3.1	4.4	3.9	3.5	3.2	3.2	1979	41.2	42.1	42.2	41.6	43.5	41.2	41.6	41.8	40.5	41.0	40.0	39.8	39.3
1980	3.8	3.1	2.6	2.7	3.8	6.4	6.7	5.3	4.6	3.7	3.0	2.1	2.5	1980	39.4	40.0	40.1	40.1	40.3	38.3	38.0	37.9	38.0	39.1	39.0	40.2	40.7
1981		2.7	2.6	2.4										1981		40.5	40.5	41.0									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.5	.5	.7	.7	.8	.8	.8	1.6	1.4	.8	.6	.5	1977	2.8	2.5	2.6	2.8	3.1	3.0	3.1	3.2	2.8	3.0	2.4	2.4	2.8
1978	1.0	.6	.6	.8	.8	.9	1.0	.9	2.0	1.6	1.0	.7	.6	1978	3.5	3.4	3.6	3.2	3.0	3.1	3.3	3.7	3.6	3.9	3.6	3.5	3.5
1979	1.0	.9	.7	.9	.9	1.0	1.0	1.0	1.9	1.4	.9	.7	.5	1979	3.4	3.8	4.0	3.7	3.7	3.4	3.6	3.8	3.4	3.5	2.9	2.9	2.5
1980	.6	.7	.6	.7	.6	.5	.5	.6	.9	.7	.5	.4	.3	1980	2.2	2.5	2.9	2.7	2.4	1.7	1.4	1.4	1.6	2.0	2.1	2.4	2.6
1981		.5	.4	.5										1981		2.7	3.0	2.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.2	2.2	1.9	.7	.5	.6	.4	1.1	1.1	1.5	1.6	1.4	1.2	1977	2.8	3.6	3.9	4.9	3.1	3.6	2.7	1.9	2.2	1.7	1.8	2.2	2.1
1978	.6	1.0	.9	1.2	.5	.4	.4	.6	.5	.6	.7	.6	.6	1978	2.5	3.7	2.0	2.5	3.0	3.9	3.4	2.4	2.3	2.2	1.9	1.8	1.5
1979	1.0	.6	.5	.4	.4	.3	.4	1.1	1.4	1.6	1.7	1.9	2.0	1979	2.2	2.7	2.2	2.1	2.1	3.3	2.7	2.0	1.9	1.5	1.7	1.6	2.0
1980	2.5	1.6	1.1	1.2	2.4	5.1	5.4	3.8	2.7	2.1	1.7	1.1	1.6	1980	3.4	3.0	2.2	2.6	2.0	2.1	3.2	4.7	5.5	5.0	3.9	4.1	2.9
1981		1.3	1.3	1.1										1981		3.9	2.8	2.5									
SIC 331—BLAST FURNACE AND BASIC STEEL PRODUCTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	554.3	540.3	534.2	548.7	558.7	566.7	575.2	573.7	565.7	557.5	548.3	541.0	541.3	1977	.8	.4	.4	.8	1.0	1.9	1.5	.8	.9	.7	.5	.4	
1978	560.5	549.2	547.6	542.6	551.6	559.2	567.9	571.0	570.0	568.0	564.5	566.5	567.9	1978	1.1	1.1	.6	.8	1.1	2.1	2.1	1.4	1.4	1.2	.8	.6	.4
1979	570.5	567.8	567.0	570.7	575.9	576.7	586.6	585.0	582.4	571.8	560.5	553.9	548.0	1979	1.0	1.0	1.1	1.2	1.2	2.0	1.9	1.1	.9	.6	.5	.4	.3
1980	512.3	547.5	545.9	545.5	542.8	524.1	498.9	482.9	478.5	483.9	490.7	498.8	508.1	1980	.4	.5	.4	.5	.4	.4	.4	.3	.3	.3	.4	.3	.3
1981		509.6	510.5	512.6										1981		.6	.5	.6									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	33.0	29.7	29.6	30.5	31.7	33.0	34.5	34.8	34.9	35.2	34.4	34.1	34.0	1977	1.7	2.9	3.4	3.7	1.8	1.5	.9	.9	1.0	.8	.9	1.4	1.5
1978	38.4	34.7	35.4	35.5	36.2	37.4	39.4	40.2	40.5	40.0	40.0	40.4	40.7	1978	1.1	2.2	1.1	1.4	1.6	1.4	.9	.7	.6	.7	.8	.9	.8
1979	43.9	41.1	41.7	42.2	43.1	43.9	45.9	47.3	46.8	45.4	43.6	43.2	42.6	1979	.8	1.3	.8	.6	.6	1.0	.6	.5	.6	.6	.9	1.0	1.5
1980	39.5	42.3	42.6	42.7	42.6	40.2	38.2	36.6	36.3	36.8	37.9	38.7	39.3	1980	2.7	2.2	1.6	1.7	1.2	1.3	2.6	4.1	4.9	4.3	3.2	3.3	2.4
1981		39.6	40.4	40.6										1981		2.9	2.0	1.6									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	432.6	419.9	414.4	428.7	437.6	444.5	451.5	449.4	441.3	434.4	426.9	420.1	421.9	1977	2.9	3.9	3.7	2.0	1.7	1.4	1.7	2.7	4.0	4.3	3.9	3.2	2.8
1978	441.7	429.8	428.7	424.5	433.1	440.2	448.4	450.5	450.4	449.6	446.8	449.2	449.7	1978	2.3	2.5	2.7	3.0	1.7	1.9	1.8	1.9	3.3	2.7	2.2	1.8	1.6
1979	451.3	450.3	449.7	453.1	457.3	458.0	465.9	463.6	460.8	451.5	441.2	434.2	429.8	1979	2.5	2.2	1.8	1.7	1.5	1.7	1.5	2.0	3.6	3.9	3.7	2.9	3.4
1980	396.0	428.9	426.6	426.8	424.1	405.6	380.4	367.9	363.6	371.1	377.4	385.6	394.1	1980	4.2	3.0	2.5	2.7	3.5	7.0	8.8	6.8	5.4	4.0	2.9	2.0	2.7
1981		395.8	396.9	398.8										1981		3.0	2.5	2.3									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS																											
1977	338.58	303.81	308.11	316.79	333.25	343.60	345.27	346.04	348.25	355.83	349.34	351.75	357.28	1977	.4	.3	.2	.3	.3	.3	.4	.4	1.0	1.0	.4	.3	.3
1978	389.69	369.08	379.22	376.98	375.65	379.55	384.14	390.60	397.03	409.34	399.92	410.06	407.68	1978	.5	.3	.3	.3	.3	.4	.4	.4	1.5	1.0	.4	.3	.3
1979	428.89	416.79	427.91	418.50	447.18	421.48	426.82	437.65	431.73	437.88	423.60	434.22	426.41	1979	.5	.4	.3	.3	.3	.4	.4	.4	1.5	1.0	.4	.3	.2
1980	449.16	433.60	446.31	441.50	446.12	432.02	427.12	434.71	440.42	456.30	458.64	482.00	486.37	1980	.3	.3	.3	.3	.3	.3	.2	.3	.4	.3	.3	.2	.2
1981		484.38	503.42	501.43										1981		.3	.2	.3									

See footnotes at end of tables.

MANUFACTURING

SIC 3317

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 331—BLAST FURNACE AND BASIC STEEL PRODUCTS (Con.)														SIC 3312—BLAST FURNACES AND STEEL MILLS (Con.)														
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	1.6	2.7	2.6	0.8	0.7	0.4	0.5	1.3	1.7	2.3	2.5	2.0	1.9	1977	2.8	3.7	4.0	5.0	3.1	3.6	2.6	1.9	2.1	1.7	1.8	2.2	2.2	
1978	.8	1.2	1.3	1.7	.5	.4	.4	.6	.6	.7	.9	.9	.8	1978	2.5	3.8	1.9	2.4	3.1	4.0	3.3	2.3	2.2	2.1	1.7	1.7	1.4	
1979	1.1	.8	.4	.5	.4	.4	.3	.6	.9	1.9	2.5	2.0	2.5	1979	2.1	2.6	2.1	2.0	2.0	3.2	2.5	1.9	1.7	1.3	1.6	2.1		
1980	3.1	1.8	1.3	1.5	2.4	5.9	7.7	5.3	3.8	2.5	1.9	1.2	1.9	1980	3.5	3.0	2.2	2.6	2.0	2.1	3.2	4.9	5.7	5.3	4.1	4.2	3.0	
1981		1.6	1.2	1.3										1981		4.0	2.8	2.4										
SIC 3312—BLAST FURNACES AND STEEL MILLS														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	.7	.3	.3	.7	.9	1.8	1.4	.7	.7	.5	.4	.3	.4	
1977	469.9	458.5	452.7	465.8	475.2	482.0	489.6	487.8	479.8	471.5	463.1	456.4	456.7	1978	1.0	1.0	.5	.6	1.0	2.0	2.0	1.3	1.2	1.0	.6	.4	.3	
1978	472.0	463.7	461.9	455.6	463.1	470.5	478.5	482.7	481.0	479.1	475.2	476.2	476.7	1979	.9	.9	1.0	1.0	1.1	1.8	1.6	1.0	.7	.4	.3	.2	.2	
1979	478.5	476.0	475.2	478.1	482.5	483.6	492.2	492.8	489.8	479.6	469.4	464.1	459.1	1980	.2	.3	.2	.3	.3	.3	.3	.2	.1	.1	.1	.2	.2	
1980	429.3	459.1	458.3	457.8	455.2	440.6	417.6	404.5	399.4	403.4	411.1	418.2	425.8	1981		.4	.3	.4										
1981		427.6	428.1	429.8										RECALLS PER 100 EMPLOYEES														
WOMEN EMPLOYEES—IN THOUSANDS														1977	1.8	3.0	3.6	3.8	1.9	1.5	.9	.9	1.1	.9	1.0	1.5	1.6	
1977	25.2	22.2	22.2	23.1	24.2	25.4	26.6	26.8	26.9	27.0	26.4	26.1	25.9	1978	1.1	2.4	1.1	1.5	1.7	1.5	.9	.7	.6	.7	.8	.9	.8	
1978	29.5	26.5	27.0	27.0	27.6	28.7	30.5	31.4	31.6	30.9	30.8	31.0	31.2	1979	.9	1.3	.8	.6	.6	1.0	.6	.5	.6	.6	1.0	1.1	1.6	
1979	34.0	31.6	32.0	32.5	33.2	34.0	35.8	37.3	36.8	35.3	33.6	33.0	32.5	1980	2.9	2.3	1.7	1.9	1.3	1.3	2.6	4.3	5.3	4.7	3.5	3.6	2.5	
1980	29.8	32.1	32.3	32.4	32.2	30.6	28.9	27.7	27.2	27.3	28.5	28.9	29.3	1981		3.1	2.2	1.6										
1981		29.7	30.1	30.6										SEPARATIONS PER 100 EMPLOYEES														
PRODUCTION WORKERS—IN THOUSANDS														1977	3.0	3.9	3.6	2.0	1.6	1.3	1.7	2.8	4.1	4.5	4.0	3.3	2.8	
1977	368.6	358.2	353.2	366.0	374.2	380.4	386.2	384.2	376.1	369.1	362.2	355.9	357.8	1978	2.2	2.5	2.6	3.1	1.6	1.8	1.7	1.8	3.2	2.6	2.1	1.7	1.6	
1978	373.8	364.9	363.5	358.3	365.5	372.4	379.1	382.8	382.2	381.1	377.9	379.2	378.9	1979	2.4	2.2	1.8	1.6	1.3	1.5	1.3	1.8	3.5	4.0	3.7	2.8	3.3	
1979	379.7	378.8	378.2	381.0	384.3	385.5	392.1	391.9	388.8	379.7	370.4	364.9	361.1	1980	4.3	3.0	2.4	2.7	3.5	7.0	9.6	7.1	5.7	4.1	2.9	1.9	2.7	
1980	332.8	360.7	359.4	359.2	356.7	342.2	319.0	309.1	304.2	310.1	317.4	324.4	331.7	1981		3.0	2.5	2.3										
1981		333.6	334.1	335.7										QUITS PER 100 EMPLOYEES														
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	.4	.2	.2	.3	.2	.2	.3	.3	.9	.9	.3	.2	.2	
1977	346.18	309.26	313.56	323.60	342.37	351.74	353.05	355.47	357.38	365.08	357.50	359.00	365.52	1978	.4	.2	.2	.2	.2	.3	.3	.3	1.4	.9	.3	.2	.2	
1978	401.58	379.25	390.70	386.91	386.10	390.04	395.32	402.36	409.70	422.84	411.18	422.24	418.78	1979	.4	.3	.2	.2	.2	.2	.3	.3	1.3	.9	.3	.2	.1	
1979	442.65	431.10	442.05	430.15	468.34	433.78	438.84	452.28	444.51	451.95	434.72	448.27	438.01	1980	.2	.2	.2	.2	.2	.2	.1	.2	.3	.2	.2	.1	.1	
1980	464.13	446.95	462.80	456.80	463.79	446.53	441.13	450.20	454.66	472.25	474.14	498.40	502.61	1981		.2	.1	.2										
1981		499.72	522.78	519.43										LAYOFFS PER 100 EMPLOYEES														
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1.6	2.7	2.4	.8	.6	.4	.5	1.4	1.8	2.5	2.7	2.1	1.9	
1977	8.59	7.95	8.04	8.09	8.23	8.60	8.59	8.67	8.89	8.97	8.96	9.02	9.07	1978	.8	1.2	1.2	1.9	.5	.4	.4	.5	.6	.7	.9	.8	.8	
1978	9.70	9.25	9.46	9.46	9.44	9.49	9.48	9.58	9.92	10.02	9.98	10.15	10.14	1979	1.1	.8	.4	.5	.4	.3	.2	.5	.9	2.1	2.6	1.9	2.4	
1979	10.77	10.24	10.50	10.39	10.62	10.58	10.60	10.82	11.03	11.05	10.95	11.32	11.26	1980	3.2	1.8	1.3	1.6	2.5	6.0	8.6	5.6	4.1	2.7	2.0	1.2	1.9	
1980	11.84	11.23	11.57	11.42	11.48	11.72	11.67	11.91	12.06	12.14	12.22	12.46	12.41	1981		1.6	1.2	1.3										
1981		12.40	12.94	12.70										SIC 3317—STEEL PIPE AND TUBES														
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS														
1977	40.3	38.9	39.0	40.0	41.6	40.9	41.1	41.0	40.2	40.7	39.9	39.8	40.3	1977	29.7	28.9	29.0	29.5	29.4	29.9	30.2	30.3	30.3	30.4	29.8	29.3	29.3	
1978	41.4	41.0	41.3	40.9	40.9	41.1	41.7	42.0	41.3	42.2	41.2	41.6	41.3	1978	30.2	29.4	29.9	30.0	30.4	30.4	30.5	29.6	30.2	30.2	30.2	30.6	30.9	
1979	41.1	42.1	42.1	41.4	44.1	41.0	41.4	41.8	40.3	40.9	39.7	39.6	38.9	1979	31.5	31.0	31.1	31.5	31.6	31.4	31.8	31.4	31.4	31.8	31.5	31.5	31.5	
1980	39.2	39.8	40.0	40.0	40.4	38.1	37.8	37.8	37.7	38.9	38.8	40.0	40.5	1980	30.4	31.1	31.1	31.4	31.4	29.7	29.3	28.8	29.6	30.4	29.8	30.4	31.3	
1981		40.3	40.4	40.9										1981		31.1	31.5	31.9										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS														
1977	2.7	2.4	2.5	2.7	3.0	2.9	2.9	3.1	2.7	2.9	2.2	2.2	2.6	1977	22.7	22.1	22.0	22.5	22.5	22.8	23.2	23.1	23.2	23.3	22.9	22.5	22.5	
1978	3.4	3.4	3.5	3.1	2.9	3.0	3.2	3.7	3.6	3.9	3.5	3.4	3.3	1978	23.5	22.7	23.1	23.1	23.5	23.6	23.8	22.9	23.4	23.4	23.5	24.1	24.4	
1979	3.3	3.7	3.9	3.5	3.8	3.3	3.5	3.8	3.3	3.3	2.7	2.8	2.3	1979	24.8	24.4	24.7	25.0	25.1	24.9	25.1	24.7	24.6	25.0	24.7	24.6	24.5	
1980	2.0	2.3	2.8	2.6	2.4	1.6	1.3	1.3	1.5	1.8	1.9	2.3	2.4	1980	23.3	24.1	23.9	24.3	24.2	22.7	22.2	21.8	22.6	23.4	22.8	23.3	23.9	
1981		2.6	2.9	2.7										1981		23.9	24.4	24.7										

See footnotes at end of tables.

SIC 3317
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3317—STEEL PIPE AND TUBES (Con.)														SIC 332—IRON AND STEEL FOUNDRIES (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	293.99	274.19	282.76	285.76	287.43	291.33	298.74	288.26	290.17	300.54	303.05	313.34	312.28	1977	6.67	6.42	6.43	6.45	6.47	6.55	6.65	6.68	6.67	6.78	6.90	6.95	7.03
1978	320.04	305.11	317.01	319.18	318.00	312.57	319.50	318.10	313.74	326.98	325.01	328.08	335.44	1978	7.25	6.97	6.97	7.01	7.09	7.14	7.26	7.26	7.20	7.38	7.45	7.54	7.68
1979	343.20	332.00	345.10	351.05	313.12	333.34	343.19	338.65	346.51	356.54	354.80	350.21	353.79	1979	7.76	7.66	7.73	7.79	7.70	7.73	7.84	7.78	7.62	7.79	7.74	7.78	7.93
1980	362.06	354.44	350.61	349.67	339.30	340.84	347.65	340.77	372.64	378.65	373.58	397.58	403.66	1980	8.21	7.88	7.94	8.05	8.08	8.03	8.07	8.05	8.08	8.27	8.51	8.70	8.86
1981		408.94	398.86	406.89										1981		8.85	8.77	8.85									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	7.05	6.77	6.83	6.82	6.86	6.92	6.98	7.10	7.06	7.19	7.25	7.39	7.40	1977	41.7	40.3	41.0	41.3	41.0	41.7	42.1	41.4	41.5	41.9	42.1	42.4	43.9
1978	7.62	7.46	7.53	7.51	7.50	7.46	7.50	7.61	7.56	7.73	7.72	7.83	7.93	1978	42.1	40.7	41.2	41.6	41.6	41.9	42.6	41.1	42.1	42.4	42.5	42.4	44.3
1979	8.33	8.00	8.12	8.26	8.07	8.17	8.23	8.28	8.39	8.55	8.57	8.69	8.65	1979	41.0	41.9	41.8	42.0	39.3	41.0	41.3	40.2	40.3	40.8	41.3	40.2	42.0
1980	9.12	8.73	8.70	8.72	8.70	8.83	8.96	9.21	9.41	9.49	9.41	9.65	9.68	1980	40.0	40.9	40.7	40.7	39.8	39.0	39.0	38.7	38.8	39.7	39.7	40.6	42.1
1981		9.76	9.80	9.90										1981		40.9	40.0	40.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	41.7	40.5	41.4	41.9	41.9	42.1	42.8	40.6	41.1	41.8	41.8	42.4	42.2	1977	4.9	4.5	4.6	4.3	4.4	4.6	4.9	4.8	5.0	5.2	5.3	5.4	6.0
1978	42.0	40.9	42.1	42.5	42.4	41.9	42.6	41.8	41.5	42.3	42.1	41.9	42.3	1978	4.9	4.9	4.7	4.4	4.5	4.8	5.1	4.6	4.9	5.2	5.3	5.3	5.6
1979	41.2	41.5	42.5	42.5	38.8	40.8	41.7	40.9	41.3	41.7	41.4	40.3	40.9	1979	3.9	4.8	4.8	4.7	3.3	4.1	4.2	3.3	3.4	3.6	3.7	3.3	3.6
1980	39.7	40.6	40.3	40.1	39.0	38.6	38.8	37.0	39.6	39.9	39.7	41.2	41.7	1980	2.8	3.3	3.3	3.3	3.0	2.2	2.1	2.2	2.3	2.6	2.7	3.1	3.7
1981		41.9	40.7	41.1										1981		3.3	2.9	3.0									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	4.4	4.2	4.5	4.4	4.6	4.6	4.7	4.1	4.1	4.5	4.4	4.4	4.1	1977	3.5	2.8	4.0	3.8	3.2	4.5	4.3	3.3	4.6	3.6	3.5	2.8	2.0
1978	4.4	4.0	5.2	4.4	4.5	4.4	4.5	4.3	3.9	4.7	4.4	4.1	4.4	1978	3.6	3.6	3.1	2.9	3.2	4.2	4.1	3.5	5.0	4.0	4.0	3.2	2.2
1979	3.6	4.3	4.8	4.6	2.2	3.5	3.7	3.4	3.4	4.0	3.5	2.6	2.8	1979	3.2	3.6	3.2	3.2	3.2	3.7	3.3	2.9	3.9	3.4	3.6	2.2	1.7
1980	2.7	2.7	3.1	2.6	2.1	1.8	1.9	1.9	2.6	3.2	2.9	3.4	3.8	1980	3.2	3.8	2.7	3.3	2.1	2.2	2.6	3.0	3.7	4.6	4.2	3.9	2.2
1981		3.8	3.4	3.5										1981		3.8	3.0	3.4									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	230.5	223.6	224.5	227.1	227.2	231.0	235.3	231.4	225.2	236.8	235.5	234.2	234.1	1977	2.5	1.3	1.7	2.2	2.1	3.4	3.6	2.5	3.6	2.8	2.7	2.3	1.3
1978	236.8	232.7	234.9	236.2	233.4	234.1	235.3	233.4	228.8	240.9	240.0	244.8	246.7	1978	2.8	2.2	2.1	2.1	2.5	3.4	3.5	2.9	4.1	3.4	3.4	2.5	1.6
1979	240.7	246.8	246.0	247.4	248.2	247.2	249.3	242.9	234.1	241.5	231.4	229.4	224.3	1979	2.5	2.7	2.7	2.5	2.6	3.1	2.8	2.3	2.8	2.6	2.6	1.6	1.0
1980	209.6	228.1	227.8	227.5	223.0	214.0	205.6	188.8	192.5	198.9	199.6	203.9	205.5	1980	1.2	1.6	1.3	1.6	1.3	1.1	1.1	1.1	1.2	1.2	1.1	1.0	.8
1981		205.0	205.5	207.1										1981		1.2	1.2	1.7									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	16.3	14.7	15.3	15.6	15.9	16.2	16.8	17.0	15.3	17.2	17.0	16.9	17.2	1977	.8	1.2	1.9	1.2	.8	.8	.5	.5	.8	.6	.6	.4	.6
1978	18.2	17.1	17.5	17.6	16.5	16.8	17.3	18.4	17.5	19.5	19.8	20.2	20.6	1978	.6	1.1	.6	.7	.5	.5	.3	.4	.7	.4	.4	.5	.5
1979	20.4	20.7	20.7	20.9	21.1	21.0	21.3	20.6	19.8	20.2	19.8	19.6	18.9	1979	.5	.6	.4	.5	.4	.3	.3	.4	.7	.5	.6	.4	.6
1980	18.6	19.1	19.3	19.5	19.5	18.6	18.2	17.5	17.1	18.4	18.4	18.7	18.6	1980	1.6	1.8	.9	1.1	.5	.8	1.3	1.7	2.2	2.6	2.6	2.6	1.2
1981		18.4	18.4	18.3										1981		2.5	1.4	1.4									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	188.7	183.3	183.4	185.2	185.9	189.1	193.3	189.0	182.8	195.2	193.6	192.2	191.6	1977	3.2	3.1	3.2	2.7	2.6	2.8	2.7	3.4	4.1	3.7	4.0	3.1	2.5
1978	193.7	190.9	193.0	193.9	191.5	192.1	192.2	189.6	184.7	196.4	196.4	201.0	202.9	1978	3.1	2.8	2.5	3.1	2.7	2.7	3.2	3.2	4.5	4.0	3.7	3.0	2.4
1979	196.4	202.5	201.7	203.1	204.3	201.9	204.6	197.4	188.7	196.7	187.3	186.3	181.8	1979	4.1	3.4	3.0	2.9	3.1	3.1	3.4	4.8	6.1	5.2	4.5	5.2	4.0
1980	168.0	185.0	184.6	184.2	180.0	171.3	163.6	147.6	152.4	159.3	159.6	163.5	164.9	1980	4.3	3.5	3.2	3.2	4.9	7.4	6.4	4.7	4.5	4.3	3.6	2.8	3.2
1981		164.5	164.6	166.0										1981		2.9	3.5	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	278.14	258.73	263.63	266.39	265.27	273.14	279.97	276.55	276.81	284.08	290.49	294.68	308.62	1977	1.3	.8	.9	1.2	1.2	1.4	1.4	1.4	2.3	1.9	1.5	1.2	.9
1978	305.23	283.68	287.16	291.62	294.94	299.17	309.28	298.39	303.12	312.91	316.63	319.70	340.22	1978	1.6	1.0	1.1	1.3	1.5	1.6	1.8	1.7	2.8	2.4	1.9	1.4	1.1
1979	318.16	320.95	323.11	327.18	302.61	316.93	323.79	312.76	307.09	317.83	319.66	312.76	333.06	1979	1.6	1.6	1.3	1.6	1.8	1.8	1.7	1.7	2.5	1.9	1.7	1.1	.9
1980	328.40	322.29	323.16	327.64	321.58	313.17	314.73	311.54	313.50	328.32	337.85	353.22	373.01	1980	1.0	1.1	1.0	1.1	1.1	.9	.8	1.0	1.4	1.1	.9	.7	.5
1981		361.97	350.80	357.54										1981		.8	.9	.9									

See footnotes at end of tables.

MANUFACTURING

SIC 3322

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 332—IRON AND STEEL FOUNDRIES (Con.)														SIC 3321—GRAY IRON FOUNDRIES (Con.)													
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	0.9	1.5	1.7	0.7	0.5	0.5	0.3	1.1	0.7	0.8	1.2	1.1	0.9	1977	3.4	2.8	4.2	4.0	2.9	4.3	4.2	3.4	4.3	3.2	3.2	2.5	1.7
1978	.5	.9	.6	.8	.4	.2	.3	.5	.4	.6	.6	.6	.6	1978	3.3	3.5	2.9	2.7	2.9	3.8	3.7	3.0	4.3	3.8	3.7	3.0	2.1
1979	1.4	.5	.7	.3	.3	.3	.7	1.9	2.4	2.3	1.8	3.3	2.5	1979	3.1	3.3	3.2	3.4	3.0	3.7	3.1	2.6	3.9	3.3	3.7	2.1	1.3
1980	2.5	1.6	1.4	1.3	2.9	5.6	4.6	2.8	2.2	2.5	1.9	1.4	2.0	1980	3.2	3.4	2.6	3.4	2.1	2.2	2.9	2.8	4.0	5.0	4.5	4.1	1.9
1981		1.3	1.9	1.4										1981		3.6	2.8	3.3									
SIC 3321—GRAY IRON FOUNDRIES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.4	1.4	2.0	2.5	2.1	3.5	3.6	2.6	3.7	2.6	2.4	1.9	1.1
1977	146.4	140.7	143.0	144.2	145.6	146.2	149.0	146.5	141.6	150.4	149.6	150.0	149.6	1978	2.6	1.9	2.0	1.9	2.3	3.1	3.2	2.5	3.7	3.3	3.2	2.5	1.4
1978	150.3	148.8	149.8	149.8	149.6	150.3	151.1	148.4	143.9	152.2	150.3	154.0	155.1	1979	2.3	2.5	2.6	2.6	2.4	3.1	2.6	2.1	2.7	2.4	2.4	1.5	.8
1979	148.2	154.3	152.9	154.0	154.1	153.3	155.0	150.2	142.2	149.2	140.3	138.6	134.4	1980	1.1	1.3	1.1	1.5	1.1	1.0	.9	.9	1.4	1.2	1.1	.9	.7
1980	125.9	138.4	137.1	136.8	133.5	127.5	123.2	110.9	115.4	118.6	120.5	124.4	124.9	1981		1.1	1.1	1.7									
1981		124.4	123.9	125.5																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	8.4	7.5	7.8	7.9	8.2	8.3	8.7	8.9	8.4	9.0	8.9	8.8	8.9	1977	.6	1.1	1.7	1.0	.5	.5	.3	.5	.4	.4	.5	.4	.5
1978	9.5	8.8	8.9	8.9	8.9	9.2	9.5	9.7	9.3	10.0	10.1	10.3	10.5	1978	.5	1.3	.6	.6	.4	.4	.3	.3	.4	.3	.3	.3	.5
1979	10.0	10.5	10.2	10.4	10.6	10.6	10.8	10.3	9.7	9.9	9.4	9.1	8.5	1979	.4	.4	.4	.6	.4	.3	.2	.3	.7	.6	.7	.4	.4
1980	8.6	8.8	8.8	9.0	8.9	8.6	8.4	8.0	8.1	8.3	8.5	8.9	9.0	1980	1.6	1.6	.9	1.1	.6	.9	1.7	1.7	2.2	2.6	2.6	2.8	.9
1981		8.9	8.8	8.9										1981		2.3	1.0	1.3									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	121.7	117.2	118.8	119.5	121.1	121.5	124.3	121.5	116.4	125.6	124.8	125.4	124.7	1977	3.0	3.1	2.6	2.4	2.5	3.0	2.6	2.9	4.1	3.3	4.2	3.0	2.5
1978	125.1	124.2	125.1	124.9	124.9	125.6	125.6	122.7	117.9	126.1	125.2	128.6	129.9	1978	3.0	2.8	2.3	2.9	2.5	2.5	3.1	3.0	4.1	3.7	3.6	2.9	2.3
1979	122.9	128.8	127.6	128.7	129.2	127.4	129.2	123.6	116.3	123.6	115.2	114.1	110.7	1979	4.1	3.4	3.3	2.9	2.8	3.1	3.4	5.1	6.4	5.1	5.2	5.0	4.2
1980	102.5	114.1	113.0	112.5	109.6	103.8	99.6	87.4	92.5	96.5	98.0	101.5	101.8	1980	4.4	3.5	3.6	3.5	6.0	8.0	6.6	4.3	4.5	3.5	3.2	3.0	3.7
1981		101.4	100.9	102.5										1981		2.3	4.0	2.8									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	289.49	266.79	271.10	276.30	275.15	282.91	293.26	288.54	288.06	296.65	302.18	306.59	327.49	1977	1.4	.8	.9	1.3	1.3	1.5	1.4	1.5	2.4	1.9	1.5	1.1	.9
1978	313.87	292.23	295.71	302.52	303.78	307.33	315.55	310.25	310.98	321.10	323.33	326.06	355.72	1978	1.6	1.0	1.2	1.3	1.5	1.6	1.8	1.7	2.8	2.3	1.9	1.4	1.1
1979	320.74	330.91	329.47	335.58	309.28	323.93	328.00	318.80	306.11	314.41	313.13	305.76	334.85	1979	1.7	1.6	1.3	1.7	1.7	1.9	1.7	1.8	2.5	2.0	1.8	1.2	.9
1980	327.92	318.38	316.41	324.40	316.65	305.94	311.12	308.77	311.50	329.51	342.74	361.49	385.05	1980	1.0	1.1	1.0	1.2	1.1	1.0	.9	1.1	1.5	1.1	.9	.7	.6
1981		368.83	354.12	364.41										1981		.7	1.0	.9									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.86	6.62	6.58	6.61	6.63	6.72	6.82	6.87	6.81	6.98	7.11	7.18	7.31	1977	.8	1.5	1.2	.4	.3	.5	.3	.6	.7	.5	1.4	1.2	.9
1978	7.42	7.18	7.16	7.22	7.25	7.30	7.39	7.44	7.30	7.52	7.59	7.69	7.87	1978	.5	1.0	.4	.8	.3	.2	.3	.3	.3	.5	.5	.6	.5
1979	7.90	7.86	7.92	7.99	7.91	7.92	8.00	7.97	7.73	7.88	7.77	7.80	8.03	1979	1.5	.5	.9	.3	.2	.3	.8	2.0	2.7	2.2	2.4	3.0	2.8
1980	8.26	7.92	7.95	8.11	8.14	8.03	8.06	8.02	8.07	8.30	8.59	8.86	9.06	1980	2.6	1.6	1.9	1.6	3.8	6.0	4.6	2.4	2.2	1.7	1.4	1.5	2.5
1981		9.04	8.92	9.02										1981		.8	2.4	1.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	42.2	40.3	41.2	41.8	41.5	42.1	43.0	42.0	42.3	42.5	42.5	42.7	44.8	1977	21.6	21.0	20.5	21.2	19.8	22.1	22.6	22.3	22.5	23.0	22.7	20.6	20.3
1978	42.3	40.7	41.3	41.9	41.9	42.1	42.7	41.7	42.6	42.7	42.6	42.4	45.2	1978	22.0	20.2	21.6	22.1	22.0	22.1	22.2	21.8	21.9	22.3	22.5	22.6	22.2
1979	40.6	42.1	41.6	42.0	39.1	40.9	41.0	40.0	39.6	39.9	40.3	39.2	41.7	1979	21.0	22.5	22.6	22.5	22.6	22.3	22.0	21.6	19.9	19.8	18.3	18.9	18.7
1980	39.7	40.2	39.8	40.0	38.9	38.1	38.6	38.5	38.6	39.7	39.9	40.8	42.5	1980	15.5	18.1	18.5	18.7	17.7	16.8	15.0	12.2	12.2	13.9	13.9	14.4	14.9
1981		40.8	39.7	40.4										1981		15.3	15.6	15.6									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	5.5	5.0	5.0	4.7	5.0	5.2	5.6	5.5	5.7	5.9	5.9	6.0	6.6	1977	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4
1978	5.4	5.4	5.2	5.0	5.0	5.2	5.5	5.3	5.4	5.7	5.6	5.7	6.0	1978	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.6
1979	3.7	5.1	4.9	4.8	3.6	4.0	4.0	3.1	3.0	3.0	3.2	2.8	3.1	1979	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.4	1.3	1.4	1.3
1980	2.6	2.8	2.8	3.0	2.6	1.9	1.8	1.9	2.1	2.4	2.6	3.1	3.7	1980	1.1	1.2	1.3	1.3	1.3	1.2	1.1	.9	.9	1.0	1.0	1.0	1.0
1981		3.3	2.8	2.9										1981		1.0	1.1	1.0									

See footnotes at end of tables.

SIC 3322
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3322—MALLEABLE IRON FOUNDRIES (Con.)

PRODUCTION WORKERS—IN THOUSANDS													
1977	17.7	17.2	16.8	17.4	16.2	18.3	18.8	18.3	18.6	19.1	18.9	16.6	16.2
1978	17.8	16.1	17.4	17.9	17.9	18.0	18.0	17.7	17.7	18.1	18.3	18.5	18.0
1979	16.8	18.3	18.3	18.3	18.5	18.0	17.7	17.2	15.5	15.6	14.4	14.9	14.6
1980	11.9	14.0	14.4	14.7	13.7	12.9	11.3	9.2	9.3	10.4	10.4	11.0	11.5
1981		11.8	12.0	12.0									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	287.45	271.47	281.59	276.40	279.97	281.40	281.60	279.82	290.79	292.44	299.71	305.14	308.45
1978	314.24	300.11	300.58	297.54	300.17	303.69	323.79	301.08	309.20	317.16	331.64	335.37	354.01
1979	333.63	337.00	341.55	346.10	310.34	327.62	346.49	322.76	304.24	336.40	342.19	341.09	350.99
1980	344.54	343.88	336.48	340.56	336.40	325.84	331.74	330.85	335.29	344.20	359.28	367.99	384.50
1981		376.94	360.30	377.94									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	7.08	6.89	6.97	6.91	6.93	7.00	7.04	7.12	7.18	7.15	7.31	7.30	7.14
1978	7.74	7.41	7.44	7.42	7.43	7.48	7.84	7.72	7.73	7.87	8.03	8.14	8.31
1979	8.32	8.28	8.29	8.36	8.04	8.17	8.41	8.34	8.07	8.41	8.47	8.57	8.54
1980	8.88	8.47	8.54	8.71	8.67	8.62	8.87	8.87	8.87	9.13	9.43	9.46	9.31
1981		9.40	9.31	9.52									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	40.6	39.4	40.4	40.0	40.4	40.2	40.0	39.3	40.5	40.9	41.0	41.8	43.2
1978	40.6	40.5	40.4	40.1	40.4	40.6	41.3	39.0	40.0	40.3	41.3	41.2	42.6
1979	40.1	40.7	41.2	41.4	38.6	40.1	41.2	38.7	37.7	40.0	40.4	39.8	41.1
1980	38.8	40.6	39.4	39.1	38.8	37.8	37.4	37.3	37.8	37.7	38.1	38.9	41.3
1981		40.1	38.7	39.7									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.5	2.7	3.1	2.7	3.0	2.6	2.9	3.5	4.0	3.8	4.3	4.9	4.9
1978	4.2	4.1	4.2	3.3	3.6	4.0	4.5	3.2	3.5	4.2	5.1	5.1	6.0
1979	3.9	4.6	5.0	4.9	2.8	3.9	4.6	2.8	2.6	3.7	3.7	3.8	3.7
1980	2.4	3.6	2.9	2.6	2.5	2.0	1.7	1.5	1.7	1.7	2.0	2.5	2.9
1981		3.1	2.6	2.9									

SIC 3325—STEEL FOUNDRIES, NEC

ALL EMPLOYEES—IN THOUSANDS													
1977	52.5	52.6	51.5	52.0	51.9	52.6	53.3	52.0	52.4	52.9	52.5	52.7	53.0
1978	53.9	52.4	52.0	52.4	52.5	52.4	52.6	52.6	53.6	55.3	55.9	56.8	57.8
1979	59.6	58.5	58.9	59.3	59.8	59.7	60.4	59.2	60.1	60.4	60.5	59.7	59.0
1980	56.2	59.5	59.9	59.7	59.5	57.9	55.4	53.6	54.3	54.3	53.3	53.2	53.6
1981		53.3	53.9	53.9									

WOMEN EMPLOYEES—IN THOUSANDS														
1977	3.6	3.2	3.4	3.5	3.5	3.7	3.6	3.6	3.6	3.7	3.7	3.7	3.8	
1978	4.2	3.7	3.8	3.8	4.0	4.0	4.1	4.3	4.3	4.5	4.6	4.7	4.8	
1979	5.1	4.9	5.0	5.0	5.0	5.0	5.1	5.0	5.1	5.2	5.3	5.3	5.3	
1980	5.2	5.3	5.4	5.4	5.5	5.3	5.2	5.0	5.1	5.1	5.0	5.0	4.9	
1981		4.8	4.8	4.8										

PRODUCTION WORKERS—IN THOUSANDS													
1977	41.7	41.8	40.6	41.0	41.1	41.7	42.3	41.1	41.6	42.5	41.8	42.0	42.3
1978	43.2	42.1	41.8	42.1	42.2	42.0	42.0	41.9	42.9	44.4	44.8	45.7	46.6
1979	47.7	47.0	47.3	47.6	47.9	47.7	48.5	47.4	47.7	48.1	48.2	47.9	47.1
1980	44.7	47.6	47.8	47.6	47.3	45.7	43.7	41.9	43.2	43.5	42.5	42.4	42.8
1981		42.5	42.8	42.6									

SIC 3325—STEEL FOUNDRIES, NEC (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	252.34	239.36	241.59	241.60	239.58	249.90	251.69	252.75	248.58	255.73	264.55	267.07	269.19
1978	285.91	263.74	266.26	272.24	276.97	280.22	292.92	275.40	288.42	297.22	300.48	305.73	306.74
1979	314.07	296.90	308.00	307.64	292.33	305.76	314.49	302.66	318.42	328.52	334.85	327.33	332.13
1980	330.06	331.00	338.77	334.17	331.55	327.23	319.98	315.51	319.16	324.37	328.28	338.62	349.43
1981		344.83	344.40	345.22									

MANUFACTURING

SIC 3334

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3325—STEEL FOUNDRIES, NEC (Con.)														SIC 333—PRIMARY NONFERROUS METALS (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.3	0.9	0.8	1.1	1.0	1.2	1.3	1.2	2.2	1.8	1.5	1.2	0.9	1977	3.5	3.5	3.4	3.2	3.2	3.3	3.5	4.0	3.3	3.7	3.7	3.8	3.7
1978	1.5	1.0	.9	1.3	1.4	1.5	1.7	1.5	2.7	2.4	1.8	1.2	1.0	1978	3.7	3.8	3.8	3.6	3.5	3.4	3.9	4.0	3.8	3.5	3.5	3.7	3.4
1979	1.5	1.5	1.2	1.4	1.8	1.6	1.6	1.6	2.5	1.7	1.5	.8	.7	1979	4.0	3.7	3.6	3.8	4.6	3.7	4.0	4.1	4.2	4.0	3.9	4.1	3.8
1980	.8	1.1	.9	1.0	1.0	.8	.8	.8	1.0	.9	.7	.6	.4	1980	3.8	3.9	3.8	4.0	3.8	3.8	3.8	3.7	3.7	3.4	3.5	4.0	3.7
1981		.8	.8	.9										1981		3.6	3.5	3.4									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.2	1.6	3.1	1.4	1.0	.8	.5	1.1	.8	1.3	1.2	1.1	.8	1977	1.8	1.4	1.6	2.2	1.9	2.9	2.8	1.8	1.6	1.2	1.0	1.2	
1978	.7	1.1	1.0	1.1	.5	.4	.3	1.1	.9	.7	.6	.7	.2	1978	1.7	2.1	.9	1.5	1.9	2.7	3.0	1.3	2.5	1.4	1.4	.9	.9
1979	.9	.7	.3	.3	.4	.3	.4	.4	.5	.6	.5	5.2	1.4	1979	1.5	1.3	1.3	2.0	1.5	2.8	2.8	1.4	1.3	1.1	1.2	1.0	.7
1980	2.1	.7	.7	.6	1.3	3.6	3.3	2.5	2.7	4.5	3.1	1.5	1.6	1980	1.3	1.0	.9	1.9	1.4	2.3	2.1	1.0	1.3	1.3	.8	1.2	.7
1981		2.0	1.3	2.1										1981		.6	.7	1.1									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	65.6	67.5	66.7	66.1	65.6	64.8	66.1	56.5	61.3	67.9	67.4	68.6	69.0	1977	1.1	.8	.8	1.2	1.2	2.1	2.1	1.6	1.3	.8	.6	.6	.7
1978	69.9	68.8	69.0	69.6	68.9	69.1	70.1	70.4	70.6	70.9	70.6	70.5	70.6	1978	1.2	1.0	.5	1.1	1.4	2.1	2.4	1.0	1.6	1.2	1.0	.6	.6
1979	72.5	70.0	70.6	70.7	71.0	71.7	73.1	73.6	73.9	73.7	73.7	74.0	74.5	1979	1.2	1.0	1.0	1.4	1.2	2.3	2.1	1.1	1.0	.9	.9	.6	.5
1980	70.8	73.3	73.2	73.5	73.9	74.3	74.6	64.9	62.7	67.0	68.4	72.0	72.2	1980	.9	.7	.7	1.1	1.2	1.7	1.5	.6	1.0	1.0	.5	.4	.4
1981		72.1	71.7	71.8										1981		.5	.4	.5									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	4.2	4.1	4.0	4.1	4.2	4.2	4.4	3.9	4.2	4.5	4.3	4.3	4.5	1977	.4	.4	.6	.8	.6	.4	.5	.1	.2	.4	.3	.2	.3
1978	4.4	4.1	4.0	4.1	4.3	4.3	4.5	4.6	4.6	4.6	4.6	4.5	4.5	1978	.3	.8	.1	.2	.4	.4	.4	.2	.7	.1	.1	.1	.1
1979	4.9	4.5	4.5	4.5	4.7	4.8	5.0	5.0	5.1	5.0	5.0	5.1	5.1	1979	.2	.1	.2	.3	.2	.2	.3	.1	.1	.1	.1	.2	.1
1980	5.1	5.1	5.1	5.1	5.2	5.4	5.6	4.9	4.7	4.9	4.7	5.0	5.0	1980	.3	.2	.1	.6	.1	.5	.4	.2	.1	.3	.7	.2	.2
1981		5.1	5.1	5.1										1981		.1	.2	.3									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	50.4	52.2	51.4	50.9	50.3	49.6	50.5	41.7	45.3	52.6	52.4	53.5	54.0	1977	1.7	1.9	1.3	1.3	1.4	1.3	1.6	2.4	2.9	2.3	1.4	1.1	1.3
1978	54.7	53.8	54.0	54.4	54.1	54.0	54.8	54.9	55.2	55.5	55.2	55.1	55.1	1978	1.6	1.6	1.2	1.9	1.9	1.7	1.6	1.8	2.5	2.5	1.4	1.0	.9
1979	56.3	54.6	54.8	54.7	55.4	55.7	56.9	57.2	57.3	57.2	57.1	57.1	57.4	1979	1.6	1.4	1.0	1.4	1.7	1.4	1.2	1.6	2.6	1.9	.9	.8	2.7
1980	53.6	56.5	56.0	56.0	56.5	56.8	57.2	49.0	46.6	49.2	50.6	54.7	54.6	1980	1.4	1.2	.8	1.2	1.3	.7	1.4	1.9	2.8	2.1	1.8	.9	1.1
1981		54.4	53.9	54.1										1981		1.1	.8	.9									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	319.84	300.72	297.36	299.01	303.88	304.38	319.19	328.86	319.76	336.42	342.98	343.48	339.04	1977	.6	.4	.3	.4	.6	.5	.6	.6	1.6	1.4	.5	.3	.3
1978	359.52	345.26	346.93	346.51	346.94	348.61	362.94	368.07	364.59	363.58	370.86	374.78	376.74	1978	.6	.4	.3	.3	.5	.5	.6	.7	1.5	1.4	.5	.3	.3
1979	397.10	378.00	376.62	378.98	402.38	382.05	390.82	393.33	405.46	406.29	414.54	412.15	414.66	1979	.6	.5	.3	.4	.4	.6	.5	.6	1.8	1.1	.4	.3	.2
1980	444.33	420.51	416.83	429.06	435.08	435.96	448.33	440.78	446.71	446.76	462.42	469.37	477.70	1980	.4	.3	.2	.3	.3	.3	.3	.4	1.5	1.1	.3	.2	.2
1981		472.76	472.58	479.55										1981		.2	.2	.2									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	7.67	7.16	7.20	7.24	7.34	7.37	7.71	7.83	7.78	8.01	8.07	8.12	8.15	1977	.5	1.0	.4	.3	.4	.4	.2	.5	.7	.4	.4	.5	.5
1978	8.56	8.24	8.28	8.27	8.32	8.36	8.56	8.62	8.66	8.74	8.83	8.86	8.97	1978	.3	.3	.2	.6	.7	.2	.2	.2	.1	.4	.3	.2	.2
1979	9.50	9.00	9.01	9.11	9.49	9.14	9.44	9.57	9.70	9.79	9.87	9.86	9.92	1979	.2	.3	.2	.2	.3	.1	.2	.2	.1	.3	.2	.1	.5
1980	10.63	10.06	10.02	10.24	10.31	10.38	10.70	10.83	10.79	10.95	11.01	11.07	11.32	1980	.5	.3	.1	.4	.3	.1	.5	1.0	.7	.6	1.1	.5	.6
1981		11.31	11.36	11.50										1981		.5	.2	.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3334—PRIMARY ALUMINUM													
														ALL EMPLOYEES—IN THOUSANDS													
1977	41.7	42.0	41.3	41.3	41.4	41.3	41.4	42.0	41.1	42.0	42.5	42.3	41.6	1977	32.7	32.5	31.8	31.2	31.6	32.1	32.6	32.9	32.6	33.8	33.1	34.0	34.3
1978	42.0	41.9	41.9	41.9	41.7	41.7	42.4	42.7	42.1	41.6	42.0	42.3	42.0	1978	35.2	33.7	33.9	34.4	34.8	34.9	35.6	36.0	36.1	35.8	35.6	35.6	35.6
1979	41.8	42.0	41.8	41.6	42.4	41.8	41.4	41.1	41.8	41.5	42.0	41.8	41.8	1979	36.8	35.2	35.3	35.3	35.8	36.5	37.4	37.7	37.9	37.6	37.6	37.7	38.0
1980	41.8	41.8	41.6	41.9	42.2	42.0	41.9	40.7	41.4	40.8	42.0	42.4	42.2	1980	38.0	38.0	37.9	38.0	38.2	38.4	38.9	38.7	37.9	37.6	37.3	37.5	37.4
1981		41.8	41.6	41.7										1981		37.3	37.0	36.8									

See footnotes at end of tables.

MANUFACTURING

See footnotes at end of tables.

MANUFACTURING

SIC 3351

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 335—NONFERROUS ROLLING AND DRAWING (Con.)														SIC 3351—COPPER ROLLING AND DRAWING (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.2	3.3	2.0	1.6	1.5	2.8	1.9	2.4	3.1	2.6	1.8	1.7	1.4	1977	43.0	41.0	42.8	43.5	44.0	43.8	44.1	42.0	43.5	43.2	42.9	41.7	43.4
1978	1.9	2.4	1.5	1.8	1.8	1.7	1.9	1.9	2.7	2.4	1.8	1.4	1.3	1978	43.6	42.3	42.9	44.0	43.8	43.7	44.3	42.7	43.8	44.2	43.6	43.6	43.6
1979	2.1	1.9	1.7	1.6	1.7	1.8	1.8	2.3	4.0	2.4	2.0	2.0	1.7	1979	43.0	43.9	44.0	44.0	39.8	43.3	43.6	42.2	42.9	43.2	43.3	43.2	42.1
1980	2.7	2.9	2.2	1.9	2.8	4.6	4.4	3.4	2.9	2.2	2.3	1.4	1.5	1980	41.0	41.8	41.6	41.4	41.0	39.4	38.8	39.4	39.6	40.8	41.2	42.6	43.9
1981		1.9	2.2	1.7										1981		43.7	43.3	42.2									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.7	.5	.4	.6	.6	.6	.7	.8	1.3	1.1	.6	.5	.4	1977	4.9	4.2	5.0	5.2	5.4	5.5	5.2	4.5	4.8	5.2	4.7	4.0	5.0
1978	.8	.5	.5	.7	.8	.8	.8	.8	1.5	1.3	.8	.7	.5	1978	5.8	4.7	6.6	5.5	5.3	5.5	6.2	5.5	6.0	6.3	6.1	5.4	6.0
1979	.8	.7	.6	.7	.8	.8	.9	.9	1.6	1.1	.8	.6	.5	1979	5.6	6.4	6.6	6.2	4.0	5.3	5.6	5.0	5.5	5.8	5.9	5.6	5.2
1980	.6	.6	.7	.6	.6	.5	.5	.6	.9	.6	.5	.4	.3	1980	3.6	4.6	4.2	4.2	3.7	2.6	2.2	1.8	2.5	3.6	3.6	4.8	5.3
1981		.5	.5	.6										1981		5.0	5.4	4.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.8	2.1	.9	.3	.2	1.3	.3	.7	.8	.9	.6	.7	.4	1977	2.5	2.4	2.5	3.1	3.1	3.8	3.0	2.3	2.5	2.3	1.1	1.5	1.7
1978	.4	1.2	.3	.4	.2	.3	.2	.5	.4	.3	.3	.2	.3	1978	2.8	2.9	2.3	2.1	2.4	4.9	3.6	2.7	4.1	3.0	2.0	1.8	1.3
1979	.5	.4	.5	.2	.2	.2	.1	.7	1.6	.5	.6	.8	.7	1979	2.3	2.6	2.0	2.3	2.5	3.7	2.4	2.2	2.6	1.9	2.2	1.9	.9
1980	1.5	1.6	.9	.7	1.6	3.5	3.2	2.1	1.4	.9	1.2	.6	.7	1980	2.4	2.5	1.7	1.8	1.4	.8	5.0	2.8	2.6	3.3	2.9	2.7	1.8
1981		.7	1.1	.5										1981		3.0	2.5	2.5									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	31.3	31.2	31.3	31.9	32.0	32.8	33.6	31.8	32.7	32.6	29.2	28.2	28.3	1977	1.9	1.2	1.8	2.8	2.7	3.3	2.5	1.6	1.9	1.7	.9	1.2	1.1
1978	32.2	28.2	28.6	29.1	32.1	33.6	34.0	32.7	33.6	33.5	33.7	34.3	33.5	1978	2.4	2.0	1.9	1.7	2.2	4.4	3.2	2.4	3.6	2.7	1.8	1.7	1.1
1979	34.7	33.6	34.2	34.3	34.9	35.0	35.8	35.1	34.7	34.6	34.7	34.8	34.5	1979	1.9	2.1	1.7	2.1	2.4	3.2	2.2	1.9	2.2	1.7	1.6	1.5	.7
1980	30.9	34.1	34.1	34.1	33.6	30.8	30.3	28.2	28.5	29.3	29.2	29.1	29.3	1980	.8	1.0	1.0	1.1	.6	.6	.4	.5	.7	1.3	1.0	1.1	.7
1981		29.2	30.0	29.1										1981		1.6	1.8	1.6									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	3.2	3.1	2.9	3.1	3.3	3.4	3.5	3.4	3.3	3.3	3.0	3.0	3.0	1977	.5	1.1	.6	.3	.4	.3	.4	.3	.5	.6	.2	.2	.6
1978	3.5	3.1	3.1	3.2	3.4	3.5	3.6	3.8	3.7	3.7	3.8	3.7	3.7	1978	.3	.9	.4	.4	.1	.5	.4	.3	.1	.2	.2	.1	.1
1979	3.9	3.7	3.9	3.8	3.9	4.0	4.2	4.1	4.1	3.9	3.9	3.8	3.7	1979	.2	.5	.2	.1	.1	.1	.1	.2	.3	.2	.6	.4	.2
1980	3.4	3.7	3.7	3.7	3.7	3.3	3.3	3.3	3.3	3.2	3.3	3.2	3.2	1980	1.5	1.4	.6	.6	.6	.2	4.5	2.1	1.9	1.9	1.9	1.5	1.0
1981		3.3	3.4	3.5										1981		1.3	.7	.8									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	24.0	23.8	24.0	24.5	24.7	25.4	26.3	24.1	25.0	25.4	22.4	21.4	21.5	1977	2.3	1.7	1.4	1.5	1.8	2.3	1.8	3.1	3.8	3.3	2.3	3.4	1.7
1978	25.0	21.5	21.9	22.2	25.0	26.3	26.7	25.3	26.0	26.0	26.2	26.7	26.7	1978	2.2	1.5	1.5	1.8	2.6	1.9	1.7	2.8	3.5	3.6	1.9	1.6	1.3
1979	27.2	26.8	27.3	27.3	27.8	27.6	28.3	27.1	27.0	26.9	26.7	26.9	26.5	1979	2.4	2.0	1.5	2.2	1.9	1.8	1.8	2.2	4.0	2.6	2.1	2.7	3.5
1980	23.1	26.0	26.0	26.2	25.6	22.8	22.5	20.7	20.8	21.5	21.5	21.6	21.8	1980	3.4	2.4	1.9	2.3	5.2	4.4	9.0	3.9	3.5	3.1	2.8	1.3	1.2
1981		21.8	22.5	22.0										1981		1.9	2.1	1.7									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	272.19	254.61	266.64	273.62	278.52	277.69	280.04	264.60	278.84	279.50	274.13	259.79	277.76	1977	.9	.4	.5	.7	.7	.9	1.0	.8	1.9	1.3	.7	.8	.6
1978	296.04	274.10	285.29	287.76	292.15	295.41	302.13	290.79	300.91	304.10	300.40	303.02	305.64	1978	1.1	.7	.5	.9	1.3	1.0	.9	1.2	2.2	1.8	.8	.9	.6
1979	311.75	312.13	314.16	312.40	279.79	309.60	315.23	303.84	314.03	318.38	322.59	324.86	313.22	1979	1.0	.7	.7	1.0	1.0	1.0	1.0	1.1	2.5	1.4	.9	.7	.5
1980	316.52	313.50	316.58	316.30	312.83	303.38	291.78	297.86	302.94	313.34	325.48	343.36	360.86	1980	.6	.6	.7	.6	.7	.5	.6	.5	.8	.6	.5	.5	.4
1981		366.21	364.59	348.99										1981		.7	.6	.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.33	6.21	6.23	6.29	6.33	6.34	6.35	6.30	6.41	6.47	6.39	6.23	6.40	1977	.7	.4	.2	.1	.4	.3	.1	1.4	.7	1.2	.9	2.0	.5
1978	6.79	6.48	6.65	6.54	6.67	6.76	6.82	6.81	6.87	6.88	6.89	6.95	7.01	1978	.2	.1	.4	.2	.4	.2	.1	.6	.1	.1	.3	.2	.1
1979	7.25	7.11	7.14	7.10	7.03	7.15	7.23	7.20	7.32	7.37	7.45	7.52	7.44	1979	.5	.6	.1	.4	.1	.1	.1	.3	.6	.3	.5	1.3	2.1
1980	7.72	7.50	7.61	7.64	7.63	7.70	7.52	7.56	7.65	7.68	7.90	8.06	8.22	1980	2.1	1.0	.6	1.1	3.7	3.5	7.8	2.6	1.9	1.5	1.4	.3	.3
1981		8.38	8.42	8.27										1981		.5	.5	.4									

See footnotes at end of tables.

SIC 3353
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 3353—ALUMINUM SHEET, PLATE, AND FOIL														SIC 3353—ALUMINUM SHEET, PLATE, AND FOIL (Con.)														
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES														
1977	31.9	31.8	31.6	32.0	32.0	32.3	32.2	32.2	31.7	32.0	31.8	31.4	31.7	1977	1.0	0.8	1.0	0.8	1.1	1.6	1.7	0.8	0.9	0.7	1.0	1.0	0.8	
1978	34.2	32.0	31.9	32.0	33.6	34.3	34.8	32.0	35.3	35.6	35.9	36.1	36.4	1978	1.0	1.2	.7	.8	1.5	1.0	1.6	1.3	.9	1.0	.9	.8	.2	
1979	36.6	36.7	36.9	37.3	37.1	36.9	37.3	36.9	36.5	36.6	35.9	35.6	34.9	1979	.8	.5	.9	1.2	1.3	1.2	1.4	.9	.8	.7	.4	.3	.2	
1980	34.4	34.6	34.6	34.8	34.9	34.8	34.4	32.2	34.3	34.4	34.5	34.6	34.6	1980	.6	.5	.5	.7	.7	.7	.6	.4	.6	.7	.6	.6	.3	
1981		34.7	34.6	34.7										1981		.6	.5	.6										
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES														
1977	3.9	3.6	3.6	3.7	3.8	3.9	4.0	4.0	3.9	4.0	4.0	4.0	4.0	1977	.6	1.3	2.3	1.2	.8	.4	.3	.3	.3	.1	.3	.2	.1	
1978	4.2	3.9	3.9	4.0	4.1	4.2	4.3	4.1	4.4	4.4	4.5	4.4	4.5	1978	.3	.3	.2	.1	.3	.2	.2	.3	.1	.4	.4	.4	.3	
1979	4.5	4.5	4.5	4.5	4.5	4.5	4.7	4.7	4.6	4.6	4.5	4.4	4.2	1979	.3	.4	.3	.7	(¹)	.1	.2	(¹)	(¹)	.2	.4	.6	.6	
1980	4.1	4.2	4.2	4.3	4.3	4.3	4.2	3.8	4.0	4.0	3.9	4.0	3.9	1980	.8	1.1	.7	.8	.6	.3	.8	1.2	1.0	1.0	1.2	.8	.5	
1981		4.0	3.9	3.9										1981		1.3	.7	1.1										
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	23.3	23.3	23.3	23.2	23.2	23.6	23.3	23.3	22.9	23.4	23.2	23.2	23.1	1977	1.4	4.3	2.2	.9	.8	.8	1.1	1.2	1.8	1.2	1.0	.6	.8	
1978	25.4	23.5	23.5	23.4	24.8	25.5	26.0	23.4	26.2	26.7	26.9	27.2	27.6	1978	1.1	1.4	.8	1.4	.7	.8	1.1	1.0	1.8	1.7	1.0	.8	.7	
1979	27.9	27.9	28.0	28.6	28.4	28.3	28.6	28.2	28.1	28.0	27.3	27.2	26.6	1979	1.3	1.3	.9	.9	.9	.9	.8	1.5	1.6	2.2	2.0	1.5	.9	
1980	26.1	26.5	26.5	26.5	26.7	26.5	26.0	23.7	25.9	26.0	26.3	26.3	26.5	1980	1.9	1.3	1.6	1.0	1.2	2.4	3.7	2.2	1.8	2.7	2.3	1.0	1.1	
1981		26.7	26.5	26.5										1981		1.7	1.5	1.5										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	337.12	318.32	324.38	329.12	325.28	335.18	336.34	336.04	330.68	344.43	344.29	358.09	363.10	1977	.3	.2	.2	.2	.2	.3	.3	.3	.7	.6	.2	.1	.2	
1978	376.68	354.38	357.41	363.35	361.12	373.85	372.66	369.67	372.70	388.37	391.19	401.65	404.05	1978	.3	.2	.2	.2	.2	.2	.4	.3	.9	.8	.2	.2	.1	
1979	412.16	391.78	396.89	417.63	431.96	417.53	408.11	404.92	406.01	419.61	399.51	414.07	438.48	1979	.3	.2	.2	.3	.3	.2	.3	.4	.4	.5	.2	.1	.1	
1980	460.22	425.57	425.15	436.65	443.93	443.31	445.10	454.33	463.27	483.51	480.66	497.52	524.78	1980	.3	.2	.3	.2	.2	.2	.3	.3	.5	.4	.2	.2	.2	
1981		501.56	497.64	509.12										1981		.2	.2	.3										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	7.84	7.42	7.44	7.48	7.60	7.67	7.84	8.02	7.93	8.01	8.12	8.27	8.29	1977	.6	3.6	1.6	.3	.2	.1	.2	.3	.4	.2	.4	.2	.2	
1978	8.76	8.28	8.39	8.45	8.34	8.42	8.81	8.76	8.79	8.99	9.14	9.17	9.31	1978	.3	.4	.1	.7	.1	.2	.2	.3	.6	.5	.5	.2	.2	
1979	9.63	9.09	9.23	9.47	9.93	9.71	9.58	9.55	9.69	9.85	9.65	9.72	10.08	1979	.6	.5	.4	.1	.1	.3	(¹)	.7	.6	1.2	1.5	1.2	.6	
1980	10.88	9.92	9.98	10.25	10.47	10.53	10.99	11.33	11.19	11.35	11.39	11.49	11.74	1980	1.1	.7	1.0	.5	.7	1.7	2.8	1.3	.8	1.4	1.7	.5	.6	
1981		11.53	11.60	11.84										1981		.8	.9	.8										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3357—NONFERROUS WIRE DRAWING AND INSULATING														
1977	43.0	42.9	43.6	44.0	42.8	43.7	42.9	41.9	41.7	43.0	42.4	43.3	43.8	ALL EMPLOYEES—IN THOUSANDS														
1978	43.0	42.8	42.6	43.0	43.3	44.4	42.3	42.2	42.4	43.2	42.8	43.8	43.4	1977	82.7	80.5	81.4	82.5	83.5	84.0	84.2	81.2	80.9	82.6	83.0	83.6	84.7	
1979	42.8	43.1	43.0	44.1	43.5	43.0	42.6	42.4	41.9	42.6	41.4	42.6	43.5	1978	84.5	84.5	82.4	83.0	83.6	84.3	84.1	82.2	83.2	85.3	86.2	86.8	88.2	
1980	42.3	42.9	42.6	42.6	42.4	42.1	40.5	40.1	41.4	42.6	42.2	43.3	44.7	1979	89.4	88.5	88.8	89.1	89.5	89.4	89.8	88.3	86.9	89.3	90.7	91.2	91.6	
1981		43.5	42.9	43.0										1980	86.6	89.7	89.6	90.1	89.1	83.7	84.8	81.4	82.6	85.2	87.1	87.7	87.9	
														1981		88.0	85.9	86.7										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS														
1977	5.9	4.5	4.8	5.8	5.8	6.0	5.6	6.0	5.5	6.3	6.1	7.5	7.2	1977	23.4	23.3	23.2	23.6	24.0	24.1	24.0	23.0	22.8	22.6	22.9	23.3	23.8	
1978	7.1	8.4	6.5	6.8	6.9	7.2	6.4	6.8	6.8	7.3	7.1	7.5	7.2	1978	23.7	23.8	22.8	22.9	23.7	23.5	23.1	22.8	23.4	24.1	24.4	24.6	25.3	
1979	6.7	6.4	6.6	7.7	8.3	6.7	6.8	6.7	6.3	6.6	6.0	6.3	6.3	1979	25.5	25.4	25.5	25.5	25.5	25.6	25.6	24.7	23.7	24.9	26.2	26.2	26.7	
1980	5.8	5.9	5.7	6.0	6.2	6.0	4.6	4.8	5.5	5.8	5.9	5.9	6.6	1980	25.0	25.9	25.6	26.1	25.6	23.1	24.1	23.1	23.4	24.8	25.7	26.0	26.2	
1981		6.2	5.7	6.0										1981		25.2	23.8	24.3										
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS														
1977	1.8	2.2	3.4	2.1	2.0	2.2	2.1	1.2	1.3	.9	1.4	1.3	1.1	1977	61.4	59.9	60.7	61.7	62.3	62.8	62.9	59.8	59.4	60.8	61.3	61.9	63.0	
1978	1.4	1.6	1.1	1.1	1.9	1.4	1.9	1.8	1.2	1.5	1.5	1.3	.6	1978	62.6	62.7	60.6	61.0	62.0	62.8	62.2	60.3	61.4	63.2	64.0	64.7	65.8	
1979	1.2	1.0	1.2	2.1	1.4	1.5	1.8	1.1	.8	1.0	.9	.9	.8	1979	66.2	66.1	66.2	66.2	66.4	66.7	66.7	64.6	63.0	65.5	67.1	67.5	67.9	
1980	1.5	1.7	1.2	1.6	1.3	1.1	1.9	1.6	1.6	1.8	1.9	1.5	.9	1980	62.5	66.1	66.0	66.4	65.2	59.4	60.3	57.3	58.5	61.1	62.9	63.4	63.7	
1981		2.0	1.3	1.8										1981		64.0	62.3	63.0										

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3357—NONFERROUS WIRE DRAWING AND INSULATING (Con.)														SIC 3357—NONFERROUS WIRE DRAWING AND INSULATING (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	269.22	257.92	267.95	271.78	268.39	268.82	273.91	263.72	261.43	273.42	275.70	279.97	269.21	1977	0.6	0.5	0.4	0.6	0.7	0.6	0.7	0.9	1.2	0.9	0.6	0.4	0.3
1978	287.54	264.37	265.98	275.80	279.54	279.30	283.16	283.56	290.60	300.18	299.34	309.60	315.23	1978	.8	.5	.5	.7	.9	.8	.9	.8	1.1	1.1	.8	.6	.4
1979	312.28	311.76	305.28	312.31	286.31	306.71	306.50	303.88	303.36	317.05	321.64	332.13	338.34	1979	.7	.7	.5	.6	.7	.7	.9	.8	1.2	1.1	.7	.5	.5
1980	341.52	335.48	328.44	334.22	329.38	318.57	326.36	328.05	332.11	346.08	361.42	373.09	380.03	1980	.5	.5	.6	.6	.5	.5	.5	.7	.9	.5	.5	.4	.3
1981		378.38	362.88	366.66										1981		.5	.4	.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.41	6.23	6.29	6.35	6.33	6.34	6.37	6.37	6.33	6.51	6.58	6.65	6.55	1977	.5	1.1	.9	.2	.2	.3	.4	.8	.7	.6	.4	.4	.3
1978	6.83	6.56	6.60	6.52	6.64	6.65	6.71	6.80	6.87	7.03	7.06	7.15	7.23	1978	.5	2.4	.5	.5	.2	.3	.3	.7	.5	.2	.1	.2	.3
1979	7.40	7.20	7.20	7.28	7.14	7.32	7.35	7.34	7.24	7.46	7.64	7.76	7.85	1979	.6	.2	.3	.2	.2	.2	.2	1.1	3.1	.2	.2	.6	.4
1980	8.19	7.82	7.82	7.92	7.88	7.77	7.96	8.10	8.18	8.40	8.73	8.82	8.90	1980	1.8	2.7	.9	.5	1.9	5.7	2.2	3.2	1.5	.6	.9	.5	.7
1981		8.82	8.64	8.73										1981		.4	1.9	.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 336—NONFERROUS FOUNDRIES													
1977	42.0	41.4	42.6	42.8	42.4	42.4	43.0	41.4	41.3	42.0	41.9	42.1	41.1	ALL EMPLOYEES—IN THOUSANDS													
1978	42.1	40.3	40.3	42.3	42.1	42.0	42.2	41.7	42.3	42.7	42.4	43.3	43.6	1977	88.7	86.2	86.2	87.7	86.7	88.3	88.8	86.5	89.4	87.6	92.2	92.8	92.4
1979	42.2	43.3	42.4	42.9	40.1	41.9	41.7	41.4	41.9	42.5	42.1	42.8	43.1	1978	93.3	92.2	92.5	92.5	92.2	91.4	92.1	89.6	91.9	94.3	95.1	96.9	99.0
1980	41.7	42.9	42.0	42.2	41.8	41.0	41.0	40.5	40.6	41.2	41.4	42.3	42.7	1979	99.6	99.8	100.4	100.9	101.9	101.1	100.9	99.0	97.3	98.1	99.2	98.5	98.3
1981		42.9	42.0	42.0										1980	90.7	97.8	98.5	98.0	96.4	90.2	87.2	82.5	85.1	87.2	87.3	88.7	89.6
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.4	4.0	4.3	4.6	4.5	4.6	4.9	4.2	4.1	4.4	4.3	4.4	4.0	1977	14.4	13.7	13.9	14.0	14.1	14.2	14.3	14.1	14.5	14.6	15.1	15.0	14.8
1978	4.7	3.5	4.4	4.3	4.3	4.4	4.8	4.6	5.0	5.1	4.8	5.3	5.3	1978	15.3	14.8	14.9	14.7	14.8	14.8	14.9	14.9	15.3	15.7	16.0	16.4	16.7
1979	4.5	5.1	4.5	4.8	2.8	4.5	4.5	4.2	4.1	4.5	4.5	5.0	4.9	1979	16.7	16.7	16.7	16.8	16.9	16.8	17.0	16.3	16.1	16.6	17.0	16.9	17.0
1980	3.9	4.5	4.3	4.5	3.9	2.9	2.8	3.0	3.4	3.6	4.0	4.7	5.3	1980	14.8	16.8	16.7	16.3	15.9	14.3	13.8	12.8	13.5	13.9	14.1	14.4	14.6
1981		5.1	4.5	4.3										1981		15.3	15.4	15.6									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.2	1.8	2.9	2.2	1.8	2.4	2.1	2.4	2.8	3.6	2.0	1.7	1.1	1977	73.1	70.7	70.4	72.2	71.2	72.9	73.0	70.6	73.7	72.0	76.4	77.0	76.8
1978	2.1	1.6	1.6	2.4	2.3	3.0	2.6	1.9	2.9	2.4	2.2	1.6	1.2	1978	77.3	76.4	77.0	76.8	76.5	75.8	76.1	73.7	76.0	77.9	78.9	80.3	82.3
1979	2.2	2.0	1.7	1.7	2.0	2.1	2.2	2.8	2.7	2.6	3.1	1.3	1.7	1979	82.0	83.0	83.4	83.7	84.7	83.8	83.5	80.9	79.2	80.1	81.1	80.2	79.9
1980	1.9	1.7	1.4	2.3	1.1	1.1	2.8	2.2	2.5	1.9	3.3	1.5	1.1	1980	72.6	79.5	80.0	79.3	77.9	71.8	68.8	64.1	67.0	69.3	70.0	71.0	72.0
1981		1.4	1.4	3.0										1981		72.5	73.3	74.1									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.3	1.0	1.3	1.4	1.2	1.6	1.5	1.7	1.8	1.4	1.5	1.1	.7	1977	236.97	218.65	228.53	228.80	229.75	236.59	238.71	231.49	237.38	241.60	245.78	248.71	257.30
1978	1.4	1.0	1.1	1.5	1.3	1.7	1.5	1.1	1.9	1.8	1.6	1.4	.9	1978	255.64	243.21	246.02	241.59	247.46	251.74	255.85	253.37	254.41	260.60	264.55	265.82	277.91
1979	1.5	1.5	1.3	1.3	1.6	1.7	2.0	1.6	1.8	2.1	1.4	1.1	.7	1979	271.35	270.10	268.86	270.44	257.15	270.54	273.50	265.59	265.86	272.83	279.73	277.67	284.95
1980	1.0	1.3	1.2	1.5	.9	.7	.6	.6	1.2	1.0	.9	1.0	.7	1980	291.27	278.59	281.18	285.73	285.76	282.82	282.30	277.40	289.25	296.86	303.60	308.30	322.51
1981		.7	.8	1.1										1981		312.73	309.67	316.33									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.5	.6	1.3	.6	.4	.6	.3	.6	.5	.2	.3	.3	.2	1977	5.71	5.48	5.52	5.54	5.59	5.66	5.67	5.66	5.72	5.78	5.88	5.95	6.04
1978	.3	.2	.1	.2	.3	.4	.2	.5	.6	.3	.3	.1	.1	1978	6.22	6.02	6.03	5.98	6.08	6.17	6.18	6.21	6.19	6.31	6.39	6.39	6.57
1979	.3	.4	.2	.2	.3	.2	.1	1.1	.5	.3	.1	.1	.1	1979	6.70	6.54	6.51	6.58	6.56	6.68	6.72	6.69	6.63	6.77	6.89	6.89	6.95
1980	.6	.2	.1	.5	.1	.2	2.1	1.4	1.2	.7	.5	.3	.3	1980	7.30	6.93	6.96	7.09	7.18	7.16	7.22	7.30	7.36	7.44	7.59	7.65	7.79
1981		.6	.5	1.8										1981		7.76	7.82	7.83									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.9	2.3	2.0	1.6	1.6	1.5	1.9	2.6	2.8	2.4	1.7	1.3	1.1	1977	41.5	39.9	41.4	41.3	41.1	41.8	42.1	40.9	41.5	41.8	41.8	41.8	42.6
1978	2.0	3.5	1.8	1.9	1.9	1.8	2.1	2.1	2.4	2.1	1.5	1.2	1.2	1978	41.1	40.4	40.8	40.4	40.7	40.8	41.4	40.8	41.1	41.3	41.4	41.6	42.3
1979	1.9	1.6	1.4	1.5	1.5	1.6	1.9	2.7	5.0	1.9	1.5	1.6	1.2	1979	40.5	41.3	41.3	41.1	39.2	40.5	40.7	39.7	40.1	40.3	40.6	40.3	41.0
1980	2.8	3.8	2.2	1.7	3.0	6.9	3.3	4.4	3.0	1.5	1.9	1.3	1.4	1980	39.9	40.2	40.4	40.3	39.8	39.5	39.1	38.0	39.3	39.9	40.0	40.3	41.4
1981		1.7	3.1	1.7										1981		40.3	39.6	40.4									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 336—NONFERROUS FOUNDRIES (Con.)														SIC 3361—ALUMINUM FOUNDRIES (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.7	3.1	3.3	3.2	3.3	3.9	3.9	3.4	3.8	3.9	3.9	3.8	4.4	1977	6.7	6.2	6.2	6.4	6.6	6.6	6.7	6.6	6.9	6.6	7.1	7.1	7.1
1978	3.7	4.0	3.8	3.4	3.3	3.4	3.7	3.6	3.5	3.9	3.8	3.9	4.5	1978	7.4	7.0	7.1	7.1	7.1	7.1	7.2	7.3	7.4	7.4	7.8	8.0	8.2
1979	3.3	4.1	3.9	4.0	2.4	3.4	3.4	2.7	2.9	3.2	3.2	3.0	3.1	1979	8.3	8.2	8.1	8.2	8.2	8.3	8.4	8.2	8.2	8.3	8.5	8.6	8.6
1980	2.5	3.0	2.8	2.9	2.5	2.1	2.0	1.9	2.0	2.3	2.3	2.5	3.1	1980	7.4	8.6	8.5	8.3	8.1	7.3	6.9	6.5	6.7	6.9	7.1	7.2	7.2
1981		2.7	2.5	2.7										1981		7.9	7.9	8.0									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.8	4.3	4.4	5.6	4.2	5.4	6.1	4.6	7.0	5.3	4.7	3.6	2.3	1977	41.5	39.3	39.2	40.8	40.4	41.7	41.4	40.8	42.2	39.6	43.8	44.3	44.3
1978	4.5	3.8	2.8	3.8	4.2	5.2	5.0	4.7	6.6	5.5	5.5	4.3	3.0	1978	44.9	44.1	44.7	44.7	44.5	44.0	44.3	42.7	43.9	44.8	46.0	46.8	48.3
1979	4.5	5.0	3.5	3.9	4.2	4.5	5.2	4.7	6.0	5.2	5.7	3.7	2.8	1979	48.1	49.0	49.3	49.2	49.6	49.1	49.1	47.4	46.4	46.9	47.3	47.0	46.4
1980	3.9	5.5	3.8	3.7	2.4	3.0	3.4	3.1	5.6	5.3	4.5	3.5	2.7	1980	42.2	46.4	46.9	46.5	45.6	41.6	39.5	36.9	38.8	40.1	40.3	41.0	42.2
1981		4.8	3.3	3.6										1981		42.9	43.2	43.3									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.6	2.3	2.9	3.0	3.0	4.4	4.9	3.7	5.4	4.5	3.9	3.1	1.8	1977	244.78	228.02	235.04	235.31	235.98	245.18	245.76	238.86	243.78	249.72	252.47	258.49	267.07
1978	3.4	2.9	2.2	2.7	3.1	3.8	3.8	3.2	4.9	4.4	4.5	3.4	2.5	1978	264.86	251.51	253.56	249.05	254.78	258.80	264.96	262.34	263.22	271.83	275.06	277.72	293.68
1979	3.4	4.2	3.0	3.3	3.2	3.4	4.2	3.4	3.7	3.3	4.0	2.9	1.9	1979	282.87	284.54	280.84	282.49	268.52	282.29	285.31	279.79	274.85	280.09	288.97	287.94	294.06
1980	1.8	3.2	2.3	2.5	1.6	1.4	1.4	1.3	1.8	2.1	1.7	1.4	1.1	1980	299.55	283.51	287.85	294.84	296.00	288.75	289.20	281.94	295.89	305.92	316.33	320.72	336.88
1981		2.0	1.8	2.1										1981		326.38	320.40	326.41									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.0	1.6	1.4	2.4	1.1	.7	1.0	.9	1.1	.6	.5	.4	.4	1977	5.87	5.63	5.65	5.67	5.70	5.81	5.81	5.84	5.86	5.96	6.04	6.14	6.24
1978	.8	.8	.5	.8	.7	1.1	1.0	1.2	1.4	.8	.7	.5	.3	1978	6.46	6.21	6.23	6.18	6.26	6.39	6.40	6.43	6.42	6.63	6.66	6.66	6.91
1979	.8	.5	.3	.4	.8	.7	.5	1.0	1.7	1.5	1.3	.6	.7	1979	6.95	6.84	6.80	6.89	6.85	6.97	7.01	6.96	6.82	6.95	7.10	7.04	7.12
1980	1.8	1.9	1.2	.9	.5	1.3	1.5	1.6	3.5	3.1	2.6	2.0	1.4	1980	7.47	7.07	7.09	7.28	7.40	7.31	7.34	7.40	7.51	7.61	7.83	7.88	8.04
1981		2.7	1.3	1.4										1981		7.98	8.01	8.02									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.2	3.6	4.3	4.4	3.6	4.1	4.1	5.5	5.5	5.7	3.9	3.5	2.6	1977	41.7	40.5	41.6	41.5	41.4	42.2	42.3	40.9	41.6	41.9	41.8	42.1	42.8
1978	4.1	3.2	3.5	4.1	4.0	4.2	4.6	5.3	5.5	5.1	4.3	3.4	2.6	1978	41.0	40.5	40.7	40.3	40.7	40.5	41.4	40.8	41.0	41.0	41.3	41.7	42.5
1979	4.9	3.8	3.4	4.1	4.2	4.4	4.4	6.8	7.5	5.5	5.5	5.1	4.6	1979	40.7	41.6	41.3	41.0	39.2	40.5	40.7	40.2	40.3	40.3	40.7	40.9	41.3
1980	5.2	4.3	3.7	4.3	6.4	8.2	6.2	6.4	6.5	5.0	4.6	3.1	3.5	1980	40.1	40.1	40.6	40.5	40.0	39.5	39.4	38.1	39.4	40.2	40.4	40.7	41.9
1981		3.3	3.5	4.0										1981		40.9	40.0	40.7									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.1	1.3	1.3	1.6	2.0	2.3	2.3	2.2	3.8	3.2	2.0	1.7	1.2	1977	3.8	3.3	3.4	3.3	3.4	4.1	4.0	3.6	3.8	3.9	3.8	4.0	4.4
1978	2.1	1.5	1.3	1.9	2.1	2.2	2.3	2.3	3.5	2.9	2.3	1.8	1.3	1978	3.9	4.1	3.9	3.5	3.6	3.4	3.8	3.8	3.7	4.0	4.0	4.3	5.0
1979	2.2	2.1	1.7	2.2	2.0	2.2	2.4	2.2	3.4	2.5	2.4	1.8	1.5	1979	3.5	4.6	4.2	4.4	2.5	3.6	3.5	3.0	3.1	3.2	3.4	3.3	3.4
1980	1.4	1.8	1.7	1.7	1.5	1.3	1.3	1.3	1.8	1.5	1.3	.8	.8	1980	2.6	3.4	3.2	3.2	2.8	2.3	2.1	2.0	2.1	2.1	2.4	2.7	3.3
1981		1.1	1.0	1.1										1981		3.3	2.8	3.0									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.1	1.6	2.3	1.9	.7	1.0	.6	2.1	.4	1.0	.7	.9	.6	1977	5.0	4.9	4.2	4.9	3.8	5.5	6.8	5.3	6.7	6.0	5.2	3.8	2.5
1978	.8	.6	1.2	1.1	.9	.9	1.0	1.6	.6	.9	.8	.3	.3	1978	4.3	4.3	3.1	3.3	3.9	4.8	4.8	4.1	5.5	5.5	5.4	3.9	3.0
1979	1.6	.5	.7	.6	1.1	.8	.8	3.3	2.8	1.8	1.9	2.3	2.4	1979	4.5	5.0	3.0	3.3	3.7	4.2	5.2	4.7	6.5	6.0	5.8	4.2	3.0
1980	2.9	1.4	1.0	1.7	4.1	5.9	4.0	4.4	3.7	2.8	2.5	1.6	2.1	1980	4.2	6.3	3.5	3.8	2.5	3.2	3.7	3.5	5.1	5.8	5.0	4.3	3.2
1981		1.4	1.8	2.2										1981		5.5	3.3	4.0									
SIC 3361—ALUMINUM FOUNDRIES														NEW HIRES PER 100 EMPLOYEES													
1977	49.5	47.2	47.2	48.7	48.2	49.4	49.3	48.9	50.2	47.7	52.0	52.6	52.4	1977	4.0	2.5	3.1	3.3	3.0	5.0	6.0	4.0	5.9	5.3	4.5	3.3	2.0
1978	53.4	52.3	53.0	53.0	52.7	52.1	52.7	51.2	52.3	53.5	54.6	55.8	57.3	1978	3.3	3.4	2.6	2.5	2.7	3.4	3.5	2.8	4.1	4.3	4.5	3.2	2.5
1979	57.5	58.0	58.4	58.5	58.7	58.6	58.3	57.1	56.0	56.7	57.0	56.7	56.2	1979	3.4	4.3	2.7	3.0	2.7	3.3	4.5	3.5	4.0	3.7	4.0	3.3	1.8
1980	51.8	56.1	56.7	56.3	55.3	51.4	49.4	46.9	48.6	49.7	49.4	50.3	51.4	1980	1.9	3.5	2.3	2.5	1.7	1.5	1.4	1.5	1.7	2.0	1.6	1.4	1.1
1981		51.7	52.1	52.0										1981		2.0	1.7	2.1									

See footnotes at end of tables.

MANUFACTURING

SIC 34

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3361—ALUMINUM FOUNDRIES (Con.)														SIC 34—FABRICATED METAL PRODUCTS (Con.)													
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	0.8	1.8	1.1	1.5	0.6	0.3	0.6	1.2	0.4	0.6	0.6	0.4	0.4	1977	5.91	5.73	5.71	5.76	5.78	5.83	5.91	5.90	5.93	6.01	6.06	6.08	6.12
1978	.7	.8	.4	.6	.6	1.1	1.0	1.1	1.2	.9	.7	.3	.3	1978	6.35	6.11	6.13	6.20	6.25	6.28	6.30	6.33	6.35	6.46	6.50	6.55	6.64
1979	.8	.4	.2	.2	.9	.5	.3	1.0	1.7	1.8	1.3	.6	.9	1979	6.85	6.63	6.68	6.75	6.65	6.80	6.83	6.83	6.85	6.95	6.99	7.02	7.15
1980	1.9	2.2	1.0	1.0	.5	1.4	1.5	1.7	3.0	3.7	3.1	2.8	1.9	1980	7.45	7.10	7.15	7.25	7.28	7.33	7.43	7.44	7.49	7.63	7.69	7.77	7.88
1981		3.4	1.4	1.8										1981		7.89	7.91	8.01									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.2	3.4	3.1	3.3	3.4	4.4	4.4	5.6	6.1	6.4	4.2	3.5	2.7	1977	41.0	39.8	40.5	40.8	40.6	41.0	41.6	40.5	41.0	41.2	41.2	41.3	42.0
1978	3.9	3.5	3.7	4.1	3.8	3.9	4.4	5.2	5.1	4.6	3.3	2.9	2.4	1978	41.0	39.9	40.2	41.1	41.2	41.1	41.3	40.6	40.9	41.2	41.0	41.4	42.2
1979	4.9	3.7	2.8	3.7	3.9	3.7	3.8	7.1	8.5	5.5	5.4	5.6	5.4	1979	40.7	40.8	40.9	41.3	38.8	40.6	41.0	40.3	40.5	40.8	40.9	41.0	41.9
1980	5.6	4.0	3.5	4.1	7.3	9.0	7.3	7.6	7.3	5.5	5.0	4.0	3.3	1980	40.4	40.6	40.4	40.6	40.2	39.9	40.1	39.2	40.0	40.5	40.5	40.9	41.6
1981		3.5	4.6	5.0										1981		40.4	40.0	40.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.2	1.4	1.3	1.7	1.9	2.4	2.6	2.6	4.1	3.7	2.2	1.9	1.2	1977	3.6	3.1	3.1	3.3	3.2	3.4	3.7	3.5	3.7	4.0	3.9	3.8	4.0
1978	2.0	1.8	1.6	1.9	2.0	2.0	2.1	2.3	3.3	2.6	2.0	1.6	1.3	1978	3.8	3.4	3.5	3.6	3.7	3.7	3.8	3.5	3.8	4.1	3.9	4.0	4.1
1979	2.1	2.1	1.5	2.1	1.8	2.1	2.4	2.1	3.4	2.6	2.4	1.8	1.5	1979	3.4	3.6	3.6	3.7	2.1	3.5	3.6	3.2	3.3	3.6	3.5	3.4	3.6
1980	1.4	1.7	1.6	1.8	1.5	1.4	1.3	1.3	1.8	1.3	1.2	.8	.7	1980	2.8	3.1	3.0	3.1	2.7	2.5	2.4	2.4	2.6	2.9	2.8	3.0	3.3
1981		1.1	.9	1.1										1981		2.8	2.7	2.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.0	1.3	1.1	.8	.6	1.2	.5	1.9	.6	1.3	.7	.7	.8	1977	4.0	3.7	4.1	4.2	3.9	4.8	4.9	4.2	5.4	4.3	3.9	2.9	2.2
1978	.8	.6	1.1	1.1	.9	1.0	1.0	1.6	.6	.9	.3	.2	.2	1978	4.1	3.7	3.3	3.7	4.1	4.8	4.7	4.3	5.3	4.9	4.5	3.4	2.4
1979	1.6	.4	.3	.4	1.1	.3	.4	3.6	3.7	1.6	2.0	2.9	3.2	1979	4.0	4.0	3.5	3.7	3.9	4.9	4.8	4.1	4.8	4.6	4.4	3.0	2.2
1980	3.3	1.1	.9	1.4	4.9	6.6	4.7	5.4	4.3	3.4	3.1	2.3	1.9	1980	3.6	4.0	3.4	3.6	3.0	3.2	4.0	4.0	4.7	4.6	3.6	2.7	1.9
1981		1.6	2.9	3.1										1981		3.3	3.2	4.0									
SIC 34—FABRICATED METAL PRODUCTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.9	2.3	2.1	2.7	2.7	3.6	3.9	3.0	4.2	3.6	3.2	2.3	1.6
1977	1,582.8	1,531.5	1,523.6	1,543.1	1,549.4	1,568.1	1,593.7	1,578.8	1,598.7	1,613.7	1,626.2	1,631.0	1,635.4	1978	3.2	2.5	2.3	2.7	3.0	3.9	4.0	3.3	4.4	4.2	3.9	2.8	1.8
1978	1,672.6	1,627.9	1,634.9	1,643.9	1,654.5	1,666.5	1,678.3	1,655.1	1,671.2	1,696.0	1,705.9	1,715.5	1,721.5	1979	3.1	3.0	2.8	3.0	3.0	3.8	3.9	3.1	3.7	3.6	3.5	2.3	1.5
1979	1,717.7	1,713.5	1,713.4	1,717.2	1,719.4	1,722.3	1,741.9	1,704.9	1,704.0	1,721.9	1,722.7	1,720.3	1,710.7	1980	2.0	2.5	2.2	2.3	1.9	1.9	2.1	1.9	2.2	2.4	2.1	1.5	1.1
1980	1,609.0	1,680.7	1,682.1	1,684.7	1,652.4	1,601.4	1,580.0	1,519.9	1,549.9	1,576.4	1,586.6	1,597.6	1,596.4	1981		1.7	1.7	2.1									
1981		1,580.2	1,578.1	1,585.4																							
WOMEN EMPLOYEES—IN THOUSANDS														1977	.8	1.1	1.7	1.2	.9	.9	.7	.8	.8	.5	.5	.4	.5
1977	315.9	300.3	299.8	304.5	308.7	312.9	317.7	313.1	319.1	325.0	328.6	330.4	330.5	1978	.6	.8	.7	.7	.8	.7	.5	.7	.6	.5	.4	.4	.4
1978	342.2	329.1	330.8	333.3	338.2	341.9	346.2	337.3	341.2	347.2	352.2	354.5	355.0	1979	.7	.8	.5	.6	.7	.8	.6	.8	.7	.7	.7	.5	.5
1979	358.2	352.7	353.1	355.1	357.8	359.6	363.9	355.6	356.1	359.5	362.3	362.5	359.8	1980	1.3	1.2	.9	1.0	.9	1.1	1.6	1.9	2.2	1.9	1.2	1.0	.7
1980	335.6	355.9	353.3	354.3	346.9	330.8	323.3	312.5	320.0	328.1	332.8	335.0	334.7	1981		1.4	1.2	1.5									
1981		331.2	331.6	334.2																							
PRODUCTION WORKERS—IN THOUSANDS														1977	3.7	4.1	3.7	3.5	3.3	3.3	3.4	3.9	4.8	4.6	3.6	3.3	2.9
1977	1,198.2	1,154.6	1,147.1	1,164.1	1,170.8	1,187.2	1,209.1	1,191.9	1,210.6	1,225.3	1,235.6	1,240.8	1,241.7	1978	3.9	3.7	3.2	3.5	3.5	3.8	3.8	4.1	5.4	4.7	4.2	3.6	3.2
1978	1,270.0	1,236.6	1,240.4	1,246.8	1,257.3	1,267.4	1,276.4	1,250.5	1,264.9	1,288.3	1,298.0	1,305.3	1,308.6	1979	4.1	3.9	3.4	3.8	3.9	4.0	3.9	4.5	5.9	4.6	4.4	3.9	3.4
1979	1,298.9	1,299.8	1,299.2	1,300.4	1,303.7	1,305.7	1,321.9	1,285.3	1,281.6	1,301.8	1,301.3	1,298.3	1,288.1	1980	4.3	4.4	3.7	4.0	5.9	5.8	5.1	4.4	4.7	3.8	3.7	3.2	2.9
1980	1,192.6	1,260.9	1,261.8	1,264.0	1,231.6	1,182.0	1,164.6	1,108.3	1,135.6	1,163.2	1,173.1	1,183.8	1,182.3	1981		4.1	3.2	3.3									
1981		1,167.5	1,165.1	1,172.0																							
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	242.31	228.05	231.26	235.01	234.67	239.03	245.86	238.95	243.13	247.61	249.67	251.10	257.04	1977	1.7	1.2	1.2	1.5	1.6	1.7	1.8	1.8	3.0	2.5	1.8	1.4	1.1
1978	260.35	243.79	246.43	254.82	257.50	258.11	260.19	257.00	259.72	266.15	266.50	271.17	280.21	1978	2.1	1.4	1.4	1.8	2.0	2.1	2.2	2.2	3.5	3.0	2.3	1.8	1.4
1979	278.80	270.50	273.21	278.78	258.02	276.08	280.03	275.25	277.43	283.56	285.89	287.82	299.59	1979	2.0	1.8	1.6	2.0	2.0	2.2	2.2	2.1	3.3	2.5	2.1	1.5	1.1
1980	300.98	288.26	288.86	294.35	292.66	292.47	297.94	291.65	299.60	309.02	311.45	317.79	327.81	1980	1.4	1.6	1.5	1.5	1.4	1.3	1.2	1.3	1.9	1.6	1.3	1.0	.8
1981		318.76	316.40	325.21										1981		1.1	1.0	1.2									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 34—FABRICATED METAL PRODUCTS (Con.)														SIC 341—METAL CANS AND SHIPPING CONTAINERS (Con.)													
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.1	2.0	1.7	1.2	0.8	0.7	0.7	1.2	0.8	1.0	0.9	1.1	1.2	1977	5.0	5.6	9.8	5.4	4.5	5.9	5.8	4.7	4.7	2.4	3.4	3.0	5.0
1978	.9	1.4	1.0	.9	.7	.6	.7	.9	.7	.6	.9	1.0	1.1	1978	4.1	5.9	4.2	4.1	4.5	5.3	4.2	4.2	3.2	3.1	2.8	3.7	3.7
1979	1.2	1.1	.9	.9	.9	.8	.8	1.5	1.6	1.1	1.4	1.6	1.6	1979	4.1	6.5	3.7	4.3	4.5	5.0	4.1	3.8	4.0	3.0	3.6	3.5	2.9
1980	2.1	1.9	1.4	1.6	3.6	3.6	3.0	2.3	1.9	1.5	1.7	1.7	1.6	1980	4.0	5.4	3.7	4.5	3.8	4.3	4.6	4.5	3.8	4.0	2.6	2.9	3.5
1981		2.1	1.4	1.4										1981		6.1	3.6	4.2									
SIC 341—METAL CANS AND SHIPPING CONTAINERS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.6	1.0	1.0	1.6	1.4	2.7	3.1	2.2	2.5	1.3	1.0	.7	.7
1977	77.7	76.6	75.1	78.6	77.3	77.8	79.6	79.4	80.5	79.6	77.9	75.6	74.2	1978	1.7	1.3	1.7	1.3	1.9	2.8	2.6	2.2	1.8	1.5	1.4	1.2	.8
1978	79.5	75.7	76.8	78.5	79.7	80.3	80.7	81.4	81.4	81.5	79.4	79.9	78.4	1979	1.7	1.4	1.3	1.8	2.2	2.2	2.3	1.7	2.1	1.8	1.5	.9	6
1979	80.2	79.0	79.1	80.6	82.5	81.3	82.1	81.3	81.3	80.9	78.2	78.1	77.7	1980	1.0	1.2	1.2	1.5	1.2	.9	.9	.9	.9	1.0	.8	.4	4
1980	74.9	77.0	77.5	77.0	76.2	75.1	74.6	73.6	74.9	75.0	73.4	72.1	71.8	1981		.9	1.0	1.0									
1981		71.7	72.9	71.7										RECALLS PER 100 EMPLOYEES													
WOMEN EMPLOYEES—IN THOUSANDS														1977	2.8	4.3	8.2	3.6	2.5	2.7	1.8	1.5	1.7	.8	1.6	1.7	3.8
1977	12.4	12.0	11.9	12.3	12.3	12.3	12.9	13.0	13.2	13.2	12.7	11.8	11.5	1978	1.9	3.8	2.1	2.3	2.1	1.8	1.3	1.6	1.0	1.2	.7	2.1	2.6
1978	13.0	12.0	12.2	12.4	12.9	13.3	13.6	13.6	13.5	13.5	13.1	13.3	13.1	1979	2.0	4.5	2.1	2.2	2.0	2.2	1.3	1.5	1.4	.9	1.5	2.3	2.0
1979	13.9	13.4	13.8	13.8	14.2	14.1	14.2	14.1	14.1	14.0	14.0	13.8	13.8	1980	2.7	3.8	2.2	2.7	2.1	3.1	3.3	3.3	2.5	2.7	1.5	2.3	2.8
1980	13.0	13.7	13.8	13.8	13.6	13.2	12.7	12.6	12.9	13.0	12.5	12.3	12.3	1981		4.8	2.2	2.9									
1981		12.5	12.8	12.5										SEPARATIONS PER 100 EMPLOYEES													
PRODUCTION WORKERS—IN THOUSANDS														1977	5.3	8.8	5.2	4.3	4.1	3.4	3.2	3.4	5.0	7.0	5.3	8.3	5.7
1977	65.7	64.7	63.2	67.0	65.4	65.8	67.8	67.4	68.3	67.4	65.7	63.4	62.1	1978	4.5	5.4	2.5	3.1	3.5	3.6	3.0	3.3	5.6	5.7	6.7	5.9	5.1
1978	66.9	63.4	64.5	66.1	67.0	67.7	68.2	68.8	68.9	68.6	66.6	67.3	65.7	1979	4.4	4.1	3.1	3.0	4.0	4.0	3.4	3.4	5.1	6.2	6.9	3.9	5.5
1979	67.9	66.1	67.4	68.7	70.5	69.3	70.0	68.9	68.9	68.5	65.7	65.5	65.2	1980	5.2	4.6	4.0	5.1	5.9	4.7	5.1	3.5	5.6	4.8	8.9	5.3	5.0
1980	63.2	64.9	65.4	65.1	64.3	63.2	62.8	62.0	63.5	63.7	62.2	60.9	60.5	1981		4.5	3.9	5.7									
1981		60.1	61.5	60.4										QUITS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	.9	.6	.5	.7	.8	.8	1.0	1.0	2.5	1.5	.8	.5	.4
1977	317.26	292.45	297.62	302.56	307.38	317.02	330.69	337.27	334.51	328.19	325.30	304.38	320.68	1978	1.1	.6	.7	.7	.9	1.2	1.2	1.1	2.7	1.8	.8	.7	.6
1978	349.37	316.76	324.10	335.23	342.61	342.43	356.53	367.28	366.17	361.88	355.18	356.99	361.20	1979	1.1	.9	.7	.9	1.0	1.2	1.1	.9	2.6	1.6	.9	.7	.5
1979	392.03	356.59	371.52	381.06	367.14	382.37	398.72	411.77	405.41	407.15	398.54	411.21	418.43	1980	.7	.9	.6	.8	.8	.6	.5	.7	1.4	.9	.7	.3	.4
1980	431.98	405.54	402.19	416.54	416.61	429.00	434.28	435.27	445.54	458.06	441.96	441.23	461.44	1981		.5	.5	.5									
1981		449.36	443.93	450.88										LAYOFFS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	3.3	7.1	3.6	2.6	2.1	1.4	1.4	1.1	1.2	4.3	3.3	7.1	4.3
1977	7.26	6.93	6.97	7.02	7.05	7.14	7.30	7.38	7.45	7.51	7.41	7.37	7.51	1978	2.3	3.6	.9	1.3	1.4	1.1	.8	1.0	1.6	2.8	4.4	4.4	3.7
1978	8.05	7.56	7.68	7.76	7.84	7.89	8.03	8.18	8.21	8.30	8.26	8.38	8.40	1979	2.3	2.2	1.6	1.3	2.1	1.9	1.2	1.4	1.3	3.4	5.2	2.2	4.2
1979	8.93	8.45	8.62	8.76	8.70	8.71	8.90	9.03	9.09	9.17	9.12	9.22	9.34	1980	3.6	2.6	2.5	3.5	4.3	3.3	3.7	2.0	3.0	3.2	7.3	4.3	4.0
1980	9.84	9.28	9.31	9.51	9.49	9.75	9.87	9.87	10.08	10.34	10.16	10.19	10.30	1981		3.1	2.5	3.9									
1981		10.33	10.30	10.51										SIC 3411—METAL CANS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	43.7	42.2	42.7	43.1	43.6	44.4	45.3	45.7	44.9	43.7	43.9	41.3	42.7	1977	64.5	63.8	62.4	65.5	64.1	64.3	65.9	65.7	67.1	66.1	64.7	62.7	61.1
1978	43.4	41.9	42.2	43.2	43.7	43.4	44.4	44.9	44.6	43.6	43.0	42.6	43.0	1978	65.9	62.8	63.8	65.2	66.2	66.4	66.6	67.8	67.6	67.7	65.6	66.3	64.8
1979	43.9	42.2	43.1	43.5	42.2	43.9	44.8	45.6	44.6	44.4	43.7	44.6	44.8	1979	66.2	65.2	65.4	66.7	68.1	67.0	67.6	67.1	67.4	66.9	64.5	64.5	64.3
1980	43.9	43.7	43.2	43.8	43.9	44.0	44.0	44.1	44.2	44.3	43.5	43.3	44.8	1980	61.9	63.9	64.4	63.8	63.0	61.9	61.7	60.8	62.1	62.1	60.5	59.4	59.1
1981		43.5	43.1	42.9										1981		59.1	60.1	58.7									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.6	3.8	4.4	4.4	4.1	4.9	5.3	5.8	5.5	5.2	4.8	3.2	3.7	1977	10.9	10.6	10.5	10.9	10.8	10.8	11.4	11.5	11.7	11.6	11.1	10.3	10.0
1978	4.7	3.8	4.5	4.6	4.7	4.5	5.1	5.5	5.3	5.5	4.2	4.2	4.0	1978	11.4	10.5	10.7	10.9	11.4	11.7	12.0	12.0	11.9	11.8	11.4	11.6	11.4
1979	5.1	4.1	5.0	5.1	4.1	4.8	5.5	5.9	5.7	5.7	5.0	5.3	4.9	1979	12.2	11.7	12.1	12.1	12.3	12.2	12.4	12.3	12.3	12.2	12.2	12.0	12.0
1980	4.6	5.1	4.9	4.9	4.5	4.1	4.2	4.4	5.1	5.4	4.2	3.9	4.1	1980	11.3	11.9	12.0	12.0	11.8	11.4	11.0	10.9	11.2	11.3	10.8	10.6	10.6
1981		4.8	4.6	4.4										1981		10.8	11.0	10.7									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3411—METAL CANS (Con.)														SIC 3411—METAL CANS (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	55.0	54.4	53.0	56.4	54.7	54.8	56.6	56.2	57.4	56.3	55.0	53.0	51.6	1977	5.6	9.9	5.8	4.4	4.2	3.2	3.1	3.2	4.8	7.5	5.5	9.5	6.2
1978	55.9	53.1	54.1	55.4	56.2	56.5	56.8	57.8	57.7	57.4	55.3	56.2	54.6	1978	4.4	5.7	2.3	2.9	3.3	3.3	2.4	3.2	5.3	5.7	7.3	6.3	5.3
1979	56.4	54.8	56.1	57.2	58.6	57.5	57.9	57.2	57.5	57.0	54.5	54.5	54.3	1979	4.3	4.0	3.0	2.7	3.7	3.7	3.2	3.2	4.8	6.4	7.4	4.0	6.2
1980	52.7	54.3	54.8	54.3	53.5	52.4	52.3	51.7	53.0	53.1	51.7	50.5	50.2	1980	5.5	4.8	4.3	5.5	6.4	4.8	5.5	3.2	5.7	5.0	9.7	5.8	5.4
1981		50.0	51.2	49.9										1981		4.6	4.1	6.2									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	327.49	302.18	305.31	311.04	317.11	326.63	343.21	350.95	347.00	338.57	337.57	311.88	331.27	1977	.7	.4	.3	.5	.5	.6	.7	.7	2.1	1.3	.6	.3	.3
1978	360.18	324.79	332.96	345.17	352.66	352.41	369.29	381.88	377.27	373.64	365.93	368.07	371.09	1978	.8	.4	.4	.5	.6	.7	.7	.9	2.1	1.4	.6	.4	.4
1979	404.32	366.27	380.09	390.06	378.84	393.74	410.32	427.31	420.71	420.97	412.16	424.65	431.49	1979	.8	.5	.5	.6	.7	.8	.8	.7	2.1	1.3	.7	.5	.4
1980	448.63	417.41	413.95	430.22	431.74	447.55	453.77	456.26	464.29	477.12	457.98	456.32	482.76	1980	.6	.7	.5	.6	.6	.5	.4	.5	1.3	.7	.4	.2	.3
1981		463.28	455.80	463.95										1981		.4	.4	.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	7.46	7.11	7.15	7.20	7.24	7.34	7.51	7.58	7.66	7.73	7.62	7.57	7.74	1977	3.8	8.3	4.3	2.9	2.4	1.5	1.6	1.2	1.4	5.0	3.6	8.4	5.0
1978	8.28	7.77	7.89	7.99	8.07	8.12	8.28	8.43	8.44	8.55	8.51	8.62	8.65	1978	2.6	4.2	1.0	1.4	1.6	1.3	.8	1.1	1.9	3.2	5.1	5.1	4.1
1979	9.21	8.70	8.86	9.05	9.02	9.01	9.20	9.33	9.37	9.46	9.41	9.50	9.61	1979	2.6	2.6	1.7	1.4	2.2	2.1	1.4	1.4	1.5	3.9	5.9	2.5	5.0
1980	10.15	9.53	9.56	9.80	9.79	10.08	10.22	10.23	10.41	10.65	10.48	10.49	10.61	1980	4.1	2.9	2.9	4.1	5.0	3.5	4.2	1.9	3.2	3.6	8.4	4.8	4.4
1981		10.65	10.60	10.84										1981		3.3	2.8	4.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 342—CUTLERY, HAND TOOLS, AND HARDWARE													
1977	43.9	42.5	42.7	43.2	43.8	44.5	45.7	46.3	45.3	43.8	44.3	41.2	42.8	ALL EMPLOYEES—IN THOUSANDS													
1978	43.5	41.8	42.2	43.2	43.7	43.4	44.6	45.3	44.7	43.7	43.0	42.7	42.9	1977	175.3	174.2	171.5	173.1	171.9	173.9	175.3	171.9	174.5	177.2	178.6	179.7	181.4
1979	43.9	42.1	42.9	43.1	42.0	43.7	44.6	45.8	44.9	44.5	43.8	44.7	44.9	1978	183.2	179.7	181.6	182.6	182.4	182.5	184.0	181.1	181.0	183.5	185.6	187.2	187.3
1980	44.2	43.8	43.3	43.9	44.1	44.4	44.4	44.6	44.6	44.8	43.7	43.5	45.5	1979	184.1	186.5	187.1	186.3	187.3	186.2	187.2	181.0	180.6	180.9	181.9	183.2	181.0
1981		43.5	43.0	42.8										1980	166.4	179.0	177.8	178.3	172.6	164.3	159.5	149.4	152.3	161.7	164.7	167.5	169.1
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		167.3	168.1	169.4									
1977	4.4	3.7	4.1	4.2	3.9	4.6	5.2	5.7	5.5	5.1	4.7	2.9	3.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	4.4	3.6	4.3	4.3	4.4	4.1	4.8	5.4	5.0	5.3	3.8	4.0	3.5	1977	58.4	57.5	57.2	57.1	57.3	58.1	58.8	57.1	57.9	59.0	60.1	60.6	60.6
1979	4.9	3.8	4.7	4.6	3.9	4.4	5.1	5.8	5.7	5.7	5.0	5.2	4.8	1978	61.5	59.9	60.5	60.9	61.0	61.1	62.2	60.1	60.6	61.6	62.5	63.3	63.7
1980	4.5	5.1	4.9	4.8	4.4	4.1	4.1	4.3	5.1	5.4	4.1	3.7	4.1	1979	62.2	62.8	62.7	63.0	63.1	63.1	63.2	60.7	60.3	60.8	61.7	62.7	61.9
1981		4.7	4.4	4.1										1980	56.4	61.3	60.5	61.0	58.6	56.1	54.0	49.6	50.8	54.2	55.9	57.2	57.3
ACCESSIONS PER 100 EMPLOYEES														1981		56.4	56.7	57.6									
1977	5.2	6.1	11.0	5.5	4.5	5.8	5.8	4.9	4.6	2.1	3.3	3.0	5.7	PRODUCTION WORKERS—IN THOUSANDS													
1978	3.9	6.4	4.3	3.9	4.4	4.8	3.7	4.3	2.7	2.7	2.7	3.7	3.9	1977	135.5	134.8	132.2	133.6	132.5	134.3	135.6	131.3	134.2	137.3	138.8	140.2	141.3
1979	4.0	6.9	3.7	3.9	4.0	4.7	3.8	3.9	3.9	2.9	3.6	3.6	3.1	1978	142.9	140.3	142.1	142.6	142.8	142.7	143.9	140.7	140.3	142.6	144.6	146.1	146.3
1980	4.1	5.8	3.8	4.5	3.8	4.7	4.8	4.6	3.9	3.9	2.5	3.0	3.9	1979	143.1	145.6	146.2	145.4	146.2	145.5	145.9	139.4	139.2	140.1	141.1	142.4	140.1
1981		6.5	3.7	4.0										1980	127.1	138.3	136.8	137.7	132.0	123.9	120.2	111.1	114.5	123.4	126.7	129.3	130.7
NEW HIRES PER 100 EMPLOYEES														1981		129.1	129.4	130.3									
1977	1.3	.8	.7	1.2	.9	2.1	2.7	2.0	2.1	.9	.6	.5	.5	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	1.3	1.1	1.4	.9	1.3	1.9	1.9	2.0	1.2	.9	1.1	.8	.5	1977	232.88	219.85	223.99	227.14	227.96	230.98	228.73	223.36	230.77	238.71	240.85	248.95	248.39
1979	1.2	1.0	.9	1.2	1.3	1.6	1.8	1.5	1.8	1.5	1.2	.6	.4	1978	246.85	233.78	239.19	247.61	247.64	249.69	243.01	236.21	246.65	251.12	249.67	252.96	261.87
1980	.7	1.0	1.0	1.2	1.0	.8	.6	.6	.8	.6	.5	.2	.3	1979	260.95	252.80	256.07	264.31	241.81	260.40	261.05	255.58	255.45	263.74	270.55	267.73	279.35
1981		.7	.8	.5										1980	276.67	268.77	267.81	275.02	271.86	267.11	268.66	261.95	264.41	280.35	285.32	300.24	304.16
RECALLS PER 100 EMPLOYEES														1981		295.18	293.28	302.91									
1977	3.2	4.9	9.5	4.0	2.9	3.1	2.1	1.7	2.0	.8	1.8	1.8	4.5	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	2.1	4.5	2.4	2.5	2.5	2.1	1.4	1.8	1.0	1.3	.8	2.4	3.0	1977	5.68	5.51	5.49	5.54	5.56	5.62	5.57	5.67	5.78	5.86	5.97	5.90	
1979	2.3	5.2	2.4	2.4	2.3	2.5	1.5	1.8	1.6	1.0	1.7	2.6	2.3	1978	6.08	5.83	5.95	6.01	6.04	6.09	6.03	5.98	6.09	6.17	6.18	6.20	6.31
1980	3.0	4.4	2.5	3.0	2.4	3.6	3.8	3.7	2.7	3.0	1.6	2.5	3.2	1979	6.54	6.32	6.37	6.51	6.33	6.51	6.51	6.52	6.50	6.61	6.73	6.71	6.83
1981		5.4	2.4	3.1										1980	7.04	6.77	6.78	6.91	6.90	6.92	6.96	6.93	6.85	7.17	7.26	7.45	7.51
														1981		7.53	7.52	7.63									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 342—CUTLERY, HAND TOOLS, AND HARDWARE (Con.)														SIC 3423,5—HAND AND EDGE TOOLS, AND HAND SAWS AND BLADES													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	41.0	39.9	40.8	41.0	41.0	41.1	40.7	40.1	40.7	41.3	41.1	41.7	42.1	1977	58.0	59.5	56.2	57.5	56.7	57.2	58.0	57.1	58.2	58.6	58.6	59.2	59.7
1978	40.6	40.1	40.2	41.2	41.0	41.0	40.3	39.5	40.5	40.7	40.4	40.8	41.5	1978	63.3	60.2	62.2	63.4	63.2	63.4	63.8	63.1	63.2	63.8	64.2	64.7	64.9
1979	39.9	40.0	40.2	40.6	38.2	40.0	40.1	39.2	39.3	39.9	40.2	39.9	40.9	1979	64.5	65.0	65.0	63.8	65.1	64.5	65.6	63.6	64.6	63.6	64.1	64.7	64.9
1980	39.3	39.7	39.5	39.8	39.4	38.6	38.6	37.8	38.6	39.1	39.3	40.3	40.5	1980	59.2	64.5	63.9	63.3	61.7	58.6	57.9	54.3	55.5	56.7	57.4	57.6	59.0
1981		39.2	39.0	39.7										1981		58.4	58.7	58.9									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.3	3.0	2.8	3.1	3.2	3.2	3.0	2.7	3.3	3.6	3.8	4.2	3.8	1977	15.6	15.1	14.5	15.0	15.1	15.5	15.6	15.6	15.7	15.9	16.2	16.3	16.3
1978	3.3	2.9	3.3	3.5	3.4	3.4	3.0	2.7	3.6	3.5	3.3	3.4	3.9	1978	16.8	16.3	16.4	16.7	16.6	16.8	17.1	16.7	16.7	16.9	17.1	17.2	17.4
1979	2.8	3.1	3.0	3.4	1.5	2.9	2.8	2.4	2.4	2.8	2.9	2.8	3.0	1979	17.4	17.2	17.0	17.0	17.2	17.3	17.7	17.2	17.9	17.5	17.7	17.8	17.8
1980	2.1	2.5	2.4	2.4	2.0	1.6	1.4	1.3	1.6	1.8	2.2	2.8	2.8	1980	16.4	17.8	17.5	17.5	17.2	16.6	16.2	14.9	15.5	15.8	15.9	16.0	16.2
1981		2.1	2.0	2.3										1981		16.2	16.4	16.5									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.6	3.3	3.4	3.5	3.2	4.3	4.3	3.7	5.5	4.0	3.5	2.5	2.1	1977	44.7	46.0	43.1	44.4	43.5	44.0	44.5	43.4	44.8	45.3	45.4	45.9	46.5
1978	3.8	3.6	3.2	3.4	3.5	4.3	4.5	3.6	5.5	4.4	4.1	3.3	2.2	1978	49.8	46.9	48.9	49.8	49.9	50.0	50.3	49.4	49.5	49.9	50.5	50.9	51.2
1979	3.4	3.0	3.1	3.1	3.0	4.0	4.0	3.1	4.2	4.5	4.3	2.8	2.0	1979	50.8	51.5	51.5	50.3	51.4	50.9	51.7	49.6	50.5	50.0	50.3	50.6	50.9
1980	3.4	3.4	3.0	3.2	2.5	2.1	3.4	3.2	7.1	4.8	3.7	2.6	1.6	1980	45.7	50.5	49.8	49.4	47.9	44.9	44.4	41.1	42.5	43.6	44.4	44.5	45.5
1981		2.4	2.5	3.6										1981		45.1	45.2	45.1									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.8	2.4	1.9	2.2	2.4	3.4	3.6	2.7	4.4	3.5	3.0	2.2	1.7	1977	217.46	204.09	212.68	212.16	211.12	216.71	214.90	213.06	214.54	225.09	224.95	226.32	233.79
1978	3.1	2.7	2.3	2.6	2.7	3.6	3.9	2.8	4.3	3.7	3.7	3.0	1.9	1978	236.87	231.01	233.95	241.53	240.93	235.75	234.67	224.43	230.66	238.39	237.60	243.41	249.87
1979	2.7	2.6	2.6	2.7	2.5	3.3	3.4	2.5	3.1	3.4	3.0	2.3	1.5	1979	256.14	246.64	245.41	251.51	238.68	251.91	257.70	253.83	253.92	264.31	268.14	271.01	274.80
1980	1.6	2.2	1.7	1.9	1.3	1.1	1.8	1.2	1.7	2.2	1.7	1.4	.8	1980	268.91	265.20	263.08	267.85	267.06	259.00	263.25	262.33	267.65	274.63	270.51	284.49	285.60
1981		1.2	1.2	1.3										1981		285.98	285.59	290.73									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.5	.5	.9	1.0	.5	.5	.4	.6	.7	.2	.2	.1	.2	1977	5.33	5.18	5.20	5.20	5.20	5.26	5.28	5.30	5.35	5.45	5.46	5.52	5.54
1978	.3	.2	.2	.3	.3	.2	.4	.3	.6	.2	.3	.2	.2	1978	5.82	5.58	5.72	5.71	5.75	5.75	5.78	5.74	5.81	5.93	5.94	6.01	6.05
1979	.5	.3	.2	.2	.4	.5	.5	.5	1.0	.9	1.2	.4	.4	1979	6.34	6.12	6.12	6.21	6.12	6.22	6.27	6.33	6.38	6.51	6.54	6.61	6.67
1980	1.5	1.2	1.2	.9	1.1	.6	1.5	1.9	5.3	2.3	1.3	1.0	.5	1980	6.86	6.63	6.61	6.63	6.71	6.78	6.82	6.94	6.97	7.06	6.99	7.13	7.14
1981		.8	.7	1.5										1981		7.24	7.23	7.25									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.0	3.1	3.3	3.2	2.7	2.8	3.2	3.2	4.2	3.7	2.6	2.4	2.2	1977	40.8	39.4	40.9	40.8	40.6	41.2	40.7	40.2	40.1	41.3	41.2	41.0	42.2
1978	3.5	3.3	3.1	3.1	2.9	3.2	3.7	3.9	5.2	4.2	3.6	3.1	2.8	1978	40.7	41.4	40.9	42.3	41.9	41.0	40.6	39.1	39.7	40.2	40.0	40.5	41.3
1979	3.8	3.7	2.9	3.2	3.3	3.8	3.4	4.4	7.2	3.7	3.8	3.6	3.0	1979	40.4	40.3	40.1	40.5	39.0	40.5	41.1	40.1	39.8	40.6	41.0	41.0	41.2
1980	4.2	4.6	3.4	3.4	7.0	5.9	5.1	5.8	4.5	3.3	3.3	2.3	2.2	1980	39.2	40.0	39.8	40.4	39.8	38.2	38.6	37.8	38.4	38.9	38.7	39.9	40.0
1981		3.5	2.6	2.7										1981		39.5	39.5	40.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.6	1.2	1.0	1.4	1.5	1.4	1.6	1.5	2.8	2.5	1.5	1.2	1.0	1977	3.0	2.8	2.9	2.8	2.7	3.0	2.7	2.5	2.7	3.4	3.4	3.3	4.1
1978	2.0	1.4	1.3	1.7	1.8	1.9	1.9	1.9	3.4	2.9	2.0	1.9	1.3	1978	3.3	3.5	3.8	4.0	3.8	3.2	3.0	2.5	2.8	3.2	3.0	3.2	3.8
1979	1.8	1.8	1.6	1.8	1.9	1.8	1.9	1.6	2.9	2.2	1.8	1.5	1.0	1979	3.1	3.4	3.0	3.5	2.0	3.2	3.2	2.9	2.8	3.4	3.3	3.2	3.3
1980	1.2	1.4	1.4	1.4	1.2	1.1	1.0	1.0	1.3	1.4	1.0	.8	.6	1980	2.0	2.7	2.6	2.7	2.3	1.5	1.3	1.1	1.5	1.5	1.6	2.2	2.3
1981		1.0	.8	1.0										1981		2.1	2.3	2.4									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	1.1	1.5	.9	.5	.6	.6	.9	.5	.4	.3	.5	.6	1977	3.7	2.9	3.8	4.5	3.5	3.7	4.9	3.2	4.8	4.0	3.3	2.7	2.6
1978	.7	1.1	1.0	.5	.3	.4	.8	1.0	.5	.5	.7	.3	.8	1978	3.6	4.0	3.0	3.3	3.2	3.6	4.3	3.0	5.1	4.3	3.6	2.7	2.7
1979	1.1	.9	.5	.5	.6	1.1	.6	2.0	3.3	.6	1.1	1.4	1.3	1979	3.2	3.0	2.7	2.7	2.9	3.7	3.9	3.1	4.0	4.1	3.6	3.0	2.0
1980	2.3	2.3	1.2	1.3	5.0	4.0	3.3	4.1	2.4	1.2	1.6	1.0	1.0	1980	2.5	2.8	2.6	2.8	1.8	2.0	2.8	2.6	3.0	3.3	2.9	2.3	1.3
1981		1.5	1.3	1.2										1981		2.2	2.0	2.5									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3423,5—HAND AND EDGE TOOLS, AND HAND SAWS AND BLADES (Con.)														SIC 3429—HARDWARE, NEC (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.9	2.5	2.0	2.3	2.8	3.1	4.2	2.5	3.9	3.6	2.9	2.5	2.2	1977	246.38	234.14	234.19	240.78	243.19	244.50	240.72	232.62	245.14	250.69	255.85	267.13	262.91
1978	3.1	3.6	2.7	3.0	2.8	3.3	3.7	2.6	3.8	3.7	3.1	2.5	2.3	1978	258.22	243.18	247.95	258.26	258.85	264.92	253.49	248.13	262.86	265.10	262.75	261.53	273.97
1979	2.8	2.5	2.3	2.3	2.6	3.4	3.4	2.6	3.2	3.7	3.3	2.8	1.6	1979	267.13	260.43	268.00	276.89	246.47	270.47	267.53	259.88	260.63	268.21	276.71	268.71	285.53
1980	1.5	2.5	1.7	2.1	1.3	1.3	1.0	1.2	.9	1.4	1.8	1.5	.8	1980	286.99	273.62	274.48	283.42	278.52	276.38	276.86	267.71	270.13	291.33	302.20	319.16	324.79
1981		1.3	1.2	1.3										1981		310.44	306.46	319.95									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.6	.4	1.8	2.0	.6	.4	.4	.6	.8	.2	.3	.1	.2	1977	5.98	5.81	5.74	5.83	5.86	5.92	5.90	5.83	5.95	6.07	6.21	6.33	6.23
1978	.3	.3	.2	.2	.3	.1	.3	.3	1.2	.4	.4	.1	.3	1978	6.36	6.11	6.23	6.33	6.36	6.43	6.29	6.25	6.38	6.45	6.44	6.41	6.57
1979	.3	.4	.3	.3	.2	.2	.4	.4	.7	.3	.2	.2	.4	1979	6.78	6.56	6.65	6.82	6.59	6.83	6.79	6.75	6.70	6.79	6.97	6.89	7.05
1980	1.0	.2	.8	.5	.4	.6	1.7	1.4	2.1	1.8	1.0	.7	.5	1980	7.34	6.98	7.02	7.23	7.16	7.16	7.21	7.12	6.98	7.47	7.67	7.90	7.98
1981		.8	.8	1.1										1981		7.96	7.96	8.10									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.0	3.2	4.1	2.8	2.9	2.6	3.0	3.4	4.0	3.5	2.4	2.3	2.1	1977	41.2	40.3	40.8	41.3	41.5	41.3	40.8	39.9	41.2	41.3	41.2	42.2	42.2
1978	3.2	2.6	2.2	2.7	2.4	3.4	2.9	3.3	5.5	4.2	3.2	3.0	2.6	1978	40.6	39.8	39.8	40.8	40.7	41.2	40.3	39.7	41.2	41.1	40.8	40.8	41.7
1979	3.1	3.3	2.6	2.8	3.0	3.1	2.7	3.5	4.9	3.5	3.9	2.4	2.1	1979	39.4	39.7	40.3	40.6	37.4	39.6	39.4	38.5	38.9	39.5	39.7	39.0	40.5
1980	3.6	3.7	3.7	3.3	4.7	5.5	4.3	3.8	4.5	2.9	2.6	2.2	1.9	1980	39.1	39.2	39.1	39.2	38.9	38.6	38.4	37.6	38.7	39.0	39.4	40.4	40.7
1981		3.0	2.6	2.6										1981		39.0	38.5	39.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.7	1.3	1.2	1.5	1.7	1.6	1.7	1.6	2.9	2.6	1.4	1.3	1.3	1977	3.6	3.2	2.7	3.4	3.6	3.5	3.2	2.9	3.7	3.8	4.1	4.8	3.7
1978	1.9	1.7	1.4	1.7	1.6	2.1	1.8	1.8	3.3	2.7	2.0	1.7	1.5	1978	3.4	2.7	3.0	3.4	3.2	3.7	3.0	2.8	4.2	3.8	3.6	3.5	4.1
1979	1.8	1.8	1.5	1.7	1.9	1.9	1.6	1.6	3.1	2.2	1.9	1.5	1.1	1979	2.5	2.9	3.0	3.4	1.1	2.8	2.5	2.1	2.1	2.4	2.5	2.4	2.5
1980	1.1	1.7	1.5	1.4	1.1	1.2	.9	1.0	1.1	1.0	1.1	.7	.6	1980	2.0	2.1	2.1	2.1	1.6	1.5	1.3	1.2	1.5	1.9	2.5	3.0	3.2
1981		.9	.7	1.0										1981		2.1	1.9	2.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	1.0	2.2	.6	.5	.4	.4	1.0	.3	.2	.3	.4	.2	1977	3.6	3.6	2.9	3.1	3.0	4.8	4.1	4.1	5.5	3.9	3.5	2.4	1.9
1978	.4	.2	.2	.2	.2	.5	.2	.7	.7	.4	.4	.4	.4	1978	4.0	3.6	3.4	3.5	3.8	4.9	4.8	4.1	6.0	4.4	4.4	3.8	1.9
1979	.5	.3	.4	.5	.3	.4	.3	1.1	.9	.3	.9	.2	.3	1979	3.6	3.0	3.4	3.4	3.2	4.4	4.2	3.0	4.2	5.0	4.8	2.7	1.9
1980	1.8	1.3	1.5	1.1	2.8	3.7	2.8	2.1	2.7	1.4	.8	1.0	.7	1980	3.9	3.8	3.3	3.4	3.0	2.2	3.9	3.5	10.1	5.6	4.4	2.8	1.8
1981		1.0	1.3	1.0										1981		2.6	2.8	4.5									
SIC 3429—HARDWARE, NEC														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.8	2.4	1.8	2.1	2.2	3.8	3.5	3.1	4.6	3.5	3.0	2.1	1.4
1977	101.7	99.2	99.7	100.3	100.0	101.4	102.1	99.6	101.0	103.0	104.2	104.6	105.6	1978	3.2	2.4	2.1	2.4	2.8	3.9	4.1	3.1	4.7	3.7	4.1	3.4	1.6
1978	103.8	103.5	103.4	103.2	103.2	103.1	104.1	102.0	101.8	103.6	105.1	106.3	106.2	1979	2.7	2.7	2.8	2.9	2.5	3.4	3.5	2.5	3.2	3.4	2.7	2.0	1.3
1979	103.6	105.5	106.1	106.6	106.3	106.0	105.7	102.0	100.2	101.4	101.7	102.2	99.6	1980	1.6	1.8	1.6	1.7	1.2	.9	2.3	1.3	2.3	2.7	1.7	1.3	.8
1980	91.8	98.4	97.7	98.7	94.9	90.0	86.4	81.0	82.2	90.3	92.2	94.9	95.2	1981		1.2	1.2	1.4									
1981		94.2	94.5	95.7																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	36.0	35.6	35.8	35.4	35.5	35.9	36.3	34.8	35.4	36.2	36.8	37.3	37.2	1977	.4	.6	.5	.5	.4	.5	.4	.4	.2	.2	.1	.2	.2
1978	37.5	36.7	37.2	37.2	37.4	37.3	38.0	36.4	36.8	37.5	38.2	38.8	39.0	1978	.3	.2	.2	.3	.4	.3	.5	.2	.3	.1	.2	.2	.2
1979	37.6	38.4	38.5	38.9	38.8	38.7	38.4	36.7	35.3	36.2	36.7	37.5	36.6	1979	.7	.2	.2	.2	.6	.8	.6	.4	.9	1.3	2.0	.6	.5
1980	32.9	36.2	35.7	36.2	34.3	32.4	30.9	28.6	28.4	31.6	32.8	33.9	34.1	1980	1.9	1.9	1.6	1.3	1.7	.6	1.5	2.1	7.6	2.6	1.5	1.1	.6
1981		33.2	33.4	34.3										1981		.8	.6	1.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	79.5	77.4	77.8	78.2	78.0	79.2	80.1	76.9	78.3	80.6	81.8	82.6	82.8	1977	3.0	3.0	2.5	3.1	2.5	2.8	3.3	2.9	4.2	3.8	2.7	2.5	2.3
1978	81.3	81.3	81.2	80.9	81.0	80.9	81.7	79.5	79.0	80.8	82.1	83.3	83.3	1978	3.8	3.9	3.6	3.3	3.2	3.2	4.3	4.3	5.3	4.3	3.9	3.2	3.0
1979	80.8	82.4	83.0	83.6	83.2	83.2	82.7	79.0	77.3	78.6	79.1	79.9	77.3	1979	4.3	3.9	3.1	3.4	3.6	4.4	3.7	4.8	9.1	3.9	3.8	4.5	3.6
1980	69.7	76.1	75.3	76.4	72.3	67.3	64.4	59.5	60.7	68.3	70.4	72.9	73.2	1980	4.7	5.3	3.3	3.6	9.0	6.6	5.5	7.4	4.2	3.4	3.9	2.3	2.3
1981		72.2	72.4	73.5										1981		3.8	2.6	2.9									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3429—HARDWARE, NEC (Con.)														SIC 343—PLUMBING AND HEATING, EXCEPT ELECTRIC (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.5	1.0	0.9	1.4	1.4	1.3	1.6	1.5	2.8	2.4	1.6	1.2	0.9	1977	2.5	2.3	2.7	2.5	2.4	2.3	2.2	2.1	2.2	2.8	2.8	2.7	3.4
1978	2.0	1.3	1.3	1.7	2.0	1.9	2.0	2.0	3.6	3.0	2.1	2.1	1.2	1978	2.6	2.6	2.7	2.4	2.0	2.2	2.4	2.1	2.6	3.0	3.1	3.0	3.0
1979	1.8	1.7	1.6	1.9	1.9	1.8	2.1	1.7	2.8	2.3	1.7	1.5	.9	1979	2.8	3.0	2.8	2.7	1.4	2.6	2.7	2.5	2.5	2.9	3.3	3.1	3.6
1980	1.1	1.2	1.4	1.4	1.2	1.0	1.1	1.0	1.4	1.5	1.0	.8	.6	1980	2.3	3.3	3.0	3.0	2.1	1.7	1.5	1.4	1.8	2.1	2.1	2.3	2.9
1981		1.0	.8	1.1										1981		1.9	1.9	1.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	1.2	.9	.9	.4	.6	.7	.6	.5	.5	.3	.6	.8	1977	4.2	3.8	4.4	4.8	4.6	5.4	4.6	3.6	4.8	5.1	4.2	3.4	2.3
1978	.9	1.7	1.5	.7	.4	.4	1.3	1.2	.5	.5	.9	.2	1.2	1978	3.9	3.9	3.4	3.0	3.2	3.8	4.3	3.4	5.3	5.3	4.7	3.8	2.4
1979	1.6	1.3	.5	.6	.9	1.6	.7	2.2	5.2	.8	1.3	2.3	2.0	1979	4.1	4.0	3.4	4.2	3.7	4.2	4.5	4.4	4.7	6.1	4.7	3.5	1.8
1980	2.8	3.1	1.0	1.5	7.0	4.8	3.6	5.7	2.1	1.2	2.2	1.0	1.2	1980	3.2	3.8	3.4	2.9	1.7	2.2	3.0	3.8	4.6	5.2	3.0	3.2	1.8
1981		1.9	1.3	1.3										1981		3.7	3.5	2.7									
NEW HIRES PER 100 EMPLOYEES														RECALLS PER 100 EMPLOYEES													
1977	69.2	65.4	66.0	66.8	67.5	68.8	69.5	68.3	70.3	70.4	71.8	72.6	73.5	1977	3.4	2.7	2.9	3.8	3.6	4.8	4.1	2.9	4.2	4.1	3.7	2.8	1.8
1978	74.0	73.2	74.6	74.3	73.7	73.3	73.8	70.9	73.1	74.6	74.9	75.6	76.1	1978	3.2	3.1	2.7	2.5	2.6	3.2	3.6	2.7	4.5	4.6	4.0	3.1	1.8
1979	75.7	75.0	74.0	73.6	74.3	74.8	76.2	74.3	76.5	77.0	77.0	77.7	77.7	1979	3.3	3.1	2.9	3.1	2.3	3.5	3.9	3.7	3.9	4.6	4.2	2.8	1.4
1980	69.9	76.0	76.4	75.9	74.4	68.6	65.9	63.6	65.2	67.1	68.3	68.6	68.6	1980	1.8	3.2	2.8	2.0	1.2	1.3	1.4	1.2	1.9	2.2	1.4	1.9	1.1
1981		68.0	67.6	67.4										1981		1.9	2.1	1.6									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	15.2	13.7	13.8	14.3	14.7	15.1	15.1	14.8	15.5	15.7	16.3	16.7	16.8	1977	.7	1.0	1.4	.6	.8	.4	.3	.6	.5	1.0	.4	.5	.4
1978	17.8	16.9	17.4	17.4	17.7	17.8	17.7	16.9	17.5	18.2	18.4	18.7	18.8	1978	.5	.7	.6	.3	.4	.5	.6	.6	.6	.6	.7	.6	.3
1979	19.3	19.0	18.8	18.7	19.2	19.1	19.5	18.9	19.4	19.6	19.6	19.7	20.0	1979	.7	.8	.5	.9	1.2	.5	.5	.6	.8	1.3	.4	.5	.2
1980	16.5	19.3	19.2	18.9	18.2	15.5	14.9	14.4	14.7	15.1	15.8	15.4	16.2	1980	1.2	.4	.5	.7	.4	.8	1.4	2.5	2.5	2.9	1.4	1.1	.5
1981		15.9	16.1	16.3										1981		1.5	1.4	1.0									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	51.6	48.5	49.4	49.7	50.4	51.5	51.8	50.5	52.3	52.4	53.6	54.5	55.0	1977	3.5	3.7	3.1	3.8	3.0	3.9	3.3	3.9	4.6	4.3	3.2	3.1	2.7
1978	55.0	54.8	55.7	55.3	54.8	54.4	54.6	51.7	53.8	55.5	56.1	56.7	56.7	1978	3.9	2.6	3.0	3.5	3.4	4.5	4.1	3.5	6.0	4.4	4.2	3.8	3.5
1979	55.9	55.4	54.4	54.1	54.8	55.2	56.2	54.8	56.7	57.2	57.0	57.7	57.7	1979	4.0	4.2	3.9	4.2	3.9	3.8	3.9	4.0	5.5	4.6	3.6	3.3	2.7
1980	50.1	56.4	56.0	55.6	53.8	47.9	45.9	44.1	45.9	47.8	48.8	49.3	49.1	1980	4.7	3.2	4.3	4.5	8.1	7.0	8.3	3.8	3.9	3.8	3.8	3.6	2.6
1981		48.4	48.4	48.4										1981		4.4	3.0	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	205.01	195.70	201.06	201.28	201.45	200.94	204.85	198.01	202.80	210.00	210.67	210.94	221.68	1977	1.8	1.5	1.3	1.9	1.7	1.8	2.0	1.6	3.2	2.5	1.7	1.3	1.1
1978	219.23	209.28	214.09	213.55	213.25	213.88	219.54	215.90	221.36	223.11	226.46	229.20	230.98	1978	2.0	1.2	1.4	1.7	1.7	1.9	1.8	2.1	3.9	3.0	2.1	1.5	1.1
1979	238.99	230.62	231.28	236.19	222.05	232.07	241.59	232.97	237.55	243.76	252.13	248.62	260.41	1979	2.0	1.8	1.5	2.0	1.8	2.0	2.1	2.3	3.3	2.6	2.1	1.4	1.1
1980	260.17	256.64	257.60	258.89	252.59	251.90	251.79	244.65	254.87	266.23	269.21	271.37	283.97	1980	1.3	1.6	1.6	1.6	1.6	1.2	1.0	1.1	1.8	1.6	1.2	1.0	.7
1981		271.44	268.48	274.95										1981		1.0	.9	1.0									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.19	5.07	5.09	5.07	5.10	5.10	5.16	5.17	5.20	5.25	5.28	5.30	5.42	1977	.9	1.5	1.0	1.0	.3	1.0	.5	1.6	.6	.8	.7	1.0	1.1
1978	5.55	5.38	5.42	5.42	5.44	5.47	5.53	5.55	5.59	5.62	5.69	5.73	5.76	1978	.9	.6	.8	.6	.9	1.4	1.2	.6	.8	.3	.9	1.3	1.6
1979	6.02	5.78	5.87	5.89	5.89	5.98	6.02	6.06	6.14	6.21	6.20	6.29	6.29	1979	1.0	1.4	1.6	1.2	1.3	.8	.8	.9	.8	.8	.4	.9	.8
1980	6.62	6.40	6.44	6.44	6.46	6.56	6.54	6.63	6.62	6.74	6.85	6.87	6.96	1980	2.6	.7	1.6	1.9	5.3	4.5	6.4	1.9	1.3	1.5	2.0	2.1	1.5
1981		6.96	7.01	7.05										1981		2.8	1.7	1.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	39.5	38.6	39.5	39.7	39.5	39.4	39.7	38.3	39.0	40.0	39.9	39.8	40.9	1977	25.9	24.3	24.7	25.0	25.2	26.3	26.7	26.4	26.7	26.0	26.3	26.6	27.1
1978	39.5	38.9	39.5	39.4	39.2	39.1	39.7	38.9	39.6	39.7	39.8	40.0	40.1	1978	27.6	27.0	27.8	27.7	27.8	27.7	27.6	27.0	27.3	27.7	27.6	27.9	27.7
1979	39.7	39.9	39.4	40.1	37.7	39.4	40.4	38.7	39.2	39.7	40.6	40.1	41.4	1979	27.2	27.3	26.8	26.8	27.2	27.9	28.1	27.3	27.7	27.3	26.8	26.6	26.3
1980	39.3	40.1	40.0	40.2	39.1	38.4	38.5	36.9	38.5	39.5	39.3	39.5	40.8	1980	23.5	26.1	26.4	26.3	25.4	23.6	22.9	21.3	21.1	21.6	22.2	22.5	22.7
1981		39.0	38.3	39.0										1981		23.1	23.4	23.7									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3432—PLUMBING FITTINGS AND BRASS GOODS (Con.)														SIC 3433—HEATING EQUIPMENT, EXCEPT ELECTRIC (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	21.2	19.5	20.0	20.3	20.5	21.4	21.8	21.7	21.9	21.2	21.5	21.8	22.2	1977	5.09	5.00	4.96	4.97	4.99	4.99	5.05	5.14	5.12	5.14	5.16	5.18	5.31
1978	22.5	22.2	22.9	22.7	22.9	22.8	22.5	21.8	22.1	22.5	22.5	22.8	22.6	1978	5.45	5.22	5.25	5.28	5.29	5.34	5.39	5.45	5.57	5.57	5.62	5.67	5.72
1979	22.2	22.2	21.6	21.6	22.2	22.8	23.1	22.5	22.8	22.4	22.0	21.9	21.6	1979	5.90	5.68	5.74	5.75	5.72	5.80	5.89	5.91	5.96	6.05	6.09	6.02	6.06
1980	18.9	21.5	21.6	21.7	20.6	18.8	18.2	16.7	16.8	17.2	17.7	18.0	18.3	1980	6.44	6.22	6.20	6.24	6.29	6.44	6.42	6.44	6.47	6.59	6.64	6.63	6.78
1981		18.4	18.7	19.1										1981		6.88	6.91	6.96									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	195.32	185.76	191.09	191.44	192.76	194.22	196.02	189.70	196.39	198.18	197.34	199.68	208.55	1977	39.8	38.2	39.3	39.6	39.9	39.3	40.0	39.2	39.4	40.6	40.2	40.2	41.5
1978	215.32	206.46	212.13	209.87	209.35	212.67	214.26	214.03	215.72	216.86	222.56	225.84	222.24	1978	38.9	38.0	37.9	38.8	38.6	38.0	39.1	38.2	39.0	39.9	39.4	39.6	40.4
1979	234.95	222.88	229.14	237.31	215.80	234.52	238.88	232.00	234.95	235.41	246.22	240.20	253.15	1979	38.9	39.5	38.2	39.0	37.1	37.9	39.1	37.5	38.3	39.3	40.0	39.8	40.7
1980	255.27	254.18	255.82	257.91	256.41	244.35	242.70	241.70	245.75	256.36	260.43	264.65	277.28	1980	38.8	39.1	38.9	38.9	38.1	38.7	39.1	36.4	38.4	39.1	39.2	39.5	40.2
1981		271.89	268.49	270.80										1981		38.0	37.6	37.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	4.97	4.85	4.85	4.81	4.88	4.88	4.95	4.94	5.01	5.03	5.06	5.12	5.24	1977	2.7	2.3	2.3	2.3	2.5	2.2	2.1	2.1	2.4	3.3	3.3	3.4	3.9
1978	5.41	5.24	5.29	5.26	5.30	5.33	5.37	5.46	5.42	5.49	5.55	5.59	5.57	1978	2.2	2.4	2.0	1.9	1.7	1.6	2.0	1.7	2.1	3.0	2.9	2.7	2.7
1979	5.83	5.60	5.70	5.76	5.77	5.72	5.77	5.80	5.83	5.90	6.02	5.99	6.10	1979	2.4	2.5	2.3	2.1	.9	1.7	2.2	2.0	2.1	3.1	3.3	3.2	3.4
1980	6.43	6.23	6.27	6.26	6.30	6.38	6.37	6.48	6.45	6.49	6.61	6.70	6.73	1980	2.3	2.8	2.4	2.3	1.8	1.8	1.8	1.7	2.0	2.5	2.4	2.8	3.1
1981		6.73	6.78	6.77										1981		1.7	1.6	1.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 344—FABRICATED STRUCTURAL METAL PRODUCTS													
1977	39.3	38.3	39.4	39.8	39.5	39.8	39.6	38.4	39.2	39.4	39.0	39.0	39.8	ALL EMPLOYEES—IN THOUSANDS													
1978	39.8	39.4	40.1	39.9	39.5	39.9	39.9	39.2	39.8	39.5	40.1	40.4	39.9	1977	473.9	452.6	448.6	453.5	458.1	466.0	475.7	479.2	487.3	491.2	492.0	491.3	491.2
1979	40.3	39.8	40.2	41.2	37.4	41.0	41.4	40.0	40.3	39.9	40.9	40.1	41.5	1978	505.1	486.8	486.0	488.2	493.4	499.4	505.5	508.1	513.8	517.1	519.5	521.7	521.9
1980	39.7	40.8	40.8	41.2	40.7	38.3	38.1	37.3	38.1	39.5	39.4	39.5	41.2	1979	523.2	515.9	513.5	514.7	513.9	516.4	526.1	525.5	525.0	532.2	532.8	532.2	529.9
1981		40.4	39.6	40.0										1980	509.6	525.3	521.4	518.5	510.3	503.0	501.7	494.2	504.9	507.8	509.3	509.9	508.3
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.1	2.2	2.5	2.4	2.3	2.4	2.2	2.1	1.9	1.9	1.6	1.7	2.3	1977	62.6	57.2	57.1	57.9	59.6	61.4	62.4	63.3	64.8	66.5	66.8	66.9	67.0
1978	2.6	2.3	2.8	2.4	1.7	2.3	2.3	2.1	2.8	2.9	3.2	3.4	2.9	1978	69.5	66.6	66.4	66.1	67.6	68.7	70.4	69.7	70.6	71.0	71.9	72.4	72.3
1979	2.9	3.0	3.1	3.2	1.6	3.3	3.2	2.8	3.1	2.6	3.2	2.7	3.5	1979	73.7	71.0	70.6	70.9	71.3	72.7	73.9	74.5	75.4	75.9	76.7	76.4	75.6
1980	2.2	3.6	3.4	3.6	2.7	1.7	1.1	1.0	1.3	1.5	1.5	1.7	2.7	1980	71.7	74.8	73.7	73.7	71.9	69.7	69.0	69.4	70.7	71.6	72.1	72.0	71.5
1981		2.0	2.3	2.3										1981		70.7	70.5	70.8									
SIC 3433—HEATING EQUIPMENT, EXCEPT ELECTRIC														PRODUCTION WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	32.5	30.9	30.9	31.3	31.7	31.9	31.8	30.9	32.5	33.4	34.5	34.9	35.4	1977	335.0	316.9	312.9	316.9	321.6	328.4	337.5	340.1	346.6	350.4	350.1	349.7	348.5
1978	35.7	35.3	35.7	35.4	35.1	34.9	35.0	34.4	35.5	36.3	36.9	36.3	37.1	1978	358.3	345.0	343.4	344.5	348.5	354.1	358.7	360.0	365.5	368.3	369.7	371.1	370.3
1979	37.3	36.3	35.8	35.3	35.5	35.5	36.7	36.0	37.6	38.8	39.6	40.0	40.4	1979	368.7	364.8	361.4	361.6	360.9	362.6	371.4	370.4	368.3	377.2	376.5	376.3	373.4
1980	35.9	39.3	39.1	38.8	38.4	34.8	33.0	32.8	34.6	35.2	35.2	35.3	34.8	1980	352.5	369.8	365.1	361.9	353.2	346.2	345.4	337.9	347.7	349.8	350.9	352.0	350.2
1981		33.8	33.2	32.7										1981		344.8	340.3	339.3									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	23.0	21.9	22.0	22.0	22.4	22.6	22.3	21.3	22.8	23.6	24.5	25.0	25.3	1977	226.73	213.79	219.30	221.05	217.09	222.56	227.92	224.64	231.18	231.49	232.30	236.06	239.61
1978	25.0	25.1	25.2	24.9	24.6	24.4	24.3	23.4	24.7	25.5	26.1	25.4	25.8	1978	242.81	225.62	228.74	236.19	236.99	239.38	243.39	241.20	245.02	249.28	249.05	251.91	258.93
1979	25.8	24.9	24.5	24.1	24.3	24.2	25.0	24.7	26.2	27.2	27.8	28.0	28.4	1979	265.98	249.48	251.70	257.04	247.29	258.95	262.76	261.88	268.80	277.30	276.62	281.95	290.51
1980	23.9	27.3	26.8	26.4	25.9	22.1	20.9	21.1	22.8	23.4	23.4	23.6	22.9	1980	291.85	280.09	275.92	279.40	282.27	287.28	290.73	287.83	295.07	302.40	301.38	306.82	315.12
1981		22.2	22.0	21.6										1981		307.53	303.73	310.78									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	202.58	191.00	194.93	196.81	199.10	196.11	202.00	201.49	201.73	208.68	207.43	208.24	220.37	1977	5.64	5.51	5.51	5.54	5.51	5.55	5.60	5.63	5.68	5.73	5.75	5.80	5.83
1978	212.01	198.36	198.98	204.86	204.19	202.92	210.75	208.19	217.23	222.24	221.43	224.53	231.09	1978	6.04	5.83	5.85	5.89	5.91	5.94	5.98	6.03	6.08	6.14	6.18	6.22	6.30
1979	229.51	224.36	219.27	224.25	212.21	219.82	230.30	221.63	228.27	237.77	243.60	239.60	246.64	1979	6.60	6.30	6.34	6.41	6.39	6.49	6.52	6.58	6.67	6.78	6.78	6.86	6.95
1980	249.87	243.20	241.18	242.74	239.65	249.23	251.02	234.42	248.45	257.67	260.29	261.89	272.56	1980	7.26	6.95	6.95	7.02	7.11	7.20	7.25	7.25	7.34	7.43	7.46	7.52	7.63
1981		261.44	259.82	262.39										1981		7.65	7.67	7.75									

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 344—FABRICATED STRUCTURAL METAL PRODUCTS (Con.)														SIC 3441—FABRICATED STRUCTURAL METAL													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	40.2	38.8	39.8	39.9	39.4	40.1	40.7	39.9	40.7	40.4	40.4	40.7	41.1	1977	96.8	97.2	94.7	95.6	94.3	94.1	96.2	97.1	97.7	98.9	98.5	98.9	98.5
1978	40.2	38.7	39.1	40.1	40.1	40.3	40.7	40.0	40.3	40.6	40.3	40.5	41.1	1978	98.8	96.7	96.2	96.5	96.8	97.5	97.3	98.2	99.9	100.4	101.1	101.9	102.6
1979	40.3	39.6	39.7	40.1	38.7	39.9	40.3	39.8	40.3	40.9	40.8	41.1	41.8	1979	103.8	101.9	101.8	102.4	101.4	101.6	103.7	103.4	105.1	105.7	105.8	106.2	106.6
1980	40.2	40.3	39.7	39.8	39.7	39.9	40.1	39.7	40.2	40.7	40.4	40.8	41.3	1980	100.8	105.5	104.8	103.8	103.0	102.5	102.0	97.1	97.9	97.8	98.2	98.3	98.9
1981		40.2	39.6	40.1										1981		97.9	96.8	96.7									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.1	2.4	2.6	2.6	2.5	2.8	3.2	3.3	3.6	3.6	3.4	3.4	3.5	1977	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.7	6.8	6.9	6.8	6.8	6.7
1978	3.2	2.8	2.8	2.9	3.0	3.1	3.3	3.2	3.4	3.7	3.2	3.3	3.4	1978	6.9	6.7	6.7	6.7	6.7	6.6	7.0	6.9	7.0	7.0	7.2	7.3	7.3
1979	3.0	2.6	2.6	2.7	1.8	2.7	2.9	2.9	3.2	3.7	3.4	3.4	3.6	1979	7.6	7.3	7.5	7.5	7.4	7.3	7.6	7.5	7.8	7.8	7.9	7.9	7.9
1980	2.7	2.9	2.6	2.6	2.3	2.5	2.5	2.5	2.8	3.0	2.8	3.0	3.3	1980	7.5	7.9	7.8	7.8	7.7	7.6	7.5	7.1	7.2	7.2	7.2	7.2	7.3
1981		2.8	2.5	2.6										1981		7.4	7.3	7.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.6	3.6	3.9	4.4	4.7	5.6	6.0	4.9	6.6	5.4	4.5	3.5	2.6	1977	68.9	69.7	66.9	67.3	66.3	66.1	68.3	68.9	69.6	71.2	70.4	70.9	70.6
1978	4.7	3.8	3.6	4.3	4.9	6.0	5.7	5.3	6.0	5.7	5.2	3.7	2.5	1978	70.8	69.4	68.7	68.8	68.9	69.7	69.2	70.0	71.4	72.2	73.1	73.8	74.2
1979	4.5	4.0	3.7	4.1	4.5	5.7	5.4	4.8	5.4	5.2	4.9	3.4	2.4	1979	75.1	73.9	73.8	73.9	73.2	73.4	74.9	74.5	76.0	76.6	76.2	76.9	77.3
1980	3.7	4.0	3.4	3.7	3.3	3.8	4.4	4.6	4.5	4.6	3.5	2.5	1.9	1980	72.9	76.6	76.2	75.3	74.2	74.1	74.0	69.5	70.8	70.6	70.6	71.3	71.8
1981		3.3	3.1	3.7										1981		70.7	69.7	69.6									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.6	2.4	2.2	2.9	3.2	4.2	4.9	4.1	5.7	4.7	3.9	3.0	2.0	1977	233.60	217.32	222.88	223.68	221.82	229.54	237.86	237.39	243.98	240.60	236.79	244.02	247.85
1978	3.9	2.9	2.7	3.2	3.6	4.8	4.9	4.4	5.3	4.9	4.6	3.2	2.1	1978	255.56	228.22	233.19	244.82	249.08	251.91	259.36	253.89	261.99	264.45	265.77	272.83	275.98
1979	3.7	3.3	3.0	3.2	3.6	4.5	4.6	4.0	4.8	4.5	4.4	2.9	1.9	1979	285.48	260.83	265.07	273.64	270.36	281.80	285.25	285.07	292.82	297.97	296.74	301.81	311.10
1980	2.6	2.9	2.6	2.7	2.4	2.7	3.0	2.8	3.1	3.1	2.6	1.7	1.3	1980	310.72	292.18	293.63	298.82	300.77	306.34	309.89	303.75	320.67	324.66	320.85	326.93	335.02
1981		2.1	1.9	2.6										1981		328.68	320.69	326.36									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.9	1.0	1.4	1.4	1.3	1.2	.9	.7	.8	.5	.5	.5	.5	1977	5.84	5.63	5.60	5.62	5.63	5.71	5.83	5.92	5.98	6.03	6.01	6.04	6.06
1978	.7	.7	.8	1.1	1.1	1.0	.7	.7	.6	.6	.5	.3	.3	1978	6.31	5.99	6.01	6.09	6.15	6.22	6.28	6.30	6.39	6.45	6.53	6.59	6.65
1979	.6	.6	.6	.8	.8	1.0	.6	.7	.5	.4	.4	.5	.4	1979	6.98	6.57	6.66	6.74	6.81	6.89	6.89	6.97	7.09	7.18	7.22	7.29	7.32
1980	1.0	1.0	.7	.8	.8	1.0	1.4	1.6	1.2	1.3	.7	.6	.5	1980	7.56	7.25	7.25	7.36	7.39	7.49	7.54	7.50	7.69	7.73	7.75	7.84	7.92
1981		1.1	1.1	1.1										1981		7.92	7.86	7.96									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.3	4.8	4.1	4.0	3.9	3.8	4.1	4.0	5.5	5.6	4.4	3.8	3.4	1977	40.0	38.6	39.8	39.8	39.4	40.2	40.8	40.1	40.8	39.9	39.4	40.4	40.9
1978	4.5	4.3	4.1	4.2	4.2	4.4	4.6	4.4	6.4	5.2	4.7	4.0	3.5	1978	40.5	38.1	38.8	40.2	40.5	40.5	41.3	40.3	41.0	41.0	40.7	41.4	41.5
1979	4.5	4.7	4.1	4.5	4.4	4.3	4.3	4.2	5.8	5.1	5.0	3.8	3.3	1979	40.9	39.7	39.8	40.6	39.7	40.9	41.4	40.9	41.3	41.5	41.1	41.4	42.5
1980	4.2	4.7	4.1	4.2	5.4	4.5	4.4	3.7	5.0	3.7	3.8	3.5	3.3	1980	41.1	40.3	40.5	40.6	40.7	40.9	41.1	40.5	41.7	42.0	41.4	41.7	42.3
1981		4.1	3.5	3.9										1981		41.5	40.8	41.0									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.1	1.3	1.3	1.6	1.8	2.0	2.2	2.2	3.6	3.1	2.3	1.8	1.4	1977	3.0	2.4	2.6	2.7	2.4	2.9	3.3	3.3	3.6	3.5	3.2	3.2	3.4
1978	2.6	1.8	1.8	2.2	2.4	2.7	2.8	2.7	4.4	3.4	2.8	2.1	1.6	1978	3.4	2.6	2.6	2.8	2.9	3.2	3.6	3.5	3.9	4.1	3.9	4.0	4.0
1979	2.5	2.1	2.0	2.4	2.5	2.6	2.6	2.5	3.8	3.1	2.7	1.9	1.4	1979	3.6	3.2	3.3	3.7	2.7	3.7	3.7	3.6	3.8	4.0	3.8	3.6	4.0
1980	1.7	1.9	1.8	1.9	1.8	1.6	1.5	1.6	2.4	1.9	1.5	1.2	1.0	1980	3.4	3.3	3.2	3.4	3.1	3.3	3.5	3.3	3.4	3.6	3.1	3.5	3.6
1981		1.4	1.2	1.5										1981		3.3	3.1	2.9									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.3	2.6	1.9	1.6	1.2	.9	1.0	.9	.7	1.3	1.1	1.1	1.3	1977	4.7	3.6	4.7	4.9	4.4	5.5	5.9	5.4	6.0	4.8	4.5	3.5	3.1
1978	1.0	1.6	1.4	1.2	.9	.7	.8	.6	.7	.7	.8	1.0	1.0	1978	5.3	4.9	3.9	4.9	5.4	6.4	5.9	6.1	7.0	5.6	6.0	4.1	3.3
1979	1.0	1.5	1.2	1.2	.9	.9	.7	.8	.8	.9	1.3	1.1	1.2	1979	5.0	5.2	4.9	5.0	5.1	6.2	6.1	5.7	5.3	5.2	5.0	3.6	2.5
1980	1.7	1.8	1.5	1.5	2.7	2.1	1.9	1.3	1.5	1.0	1.4	1.6	1.6	1980	3.9	4.4	4.3	4.2	4.0	4.3	4.0	3.9	3.9	5.2	3.9	2.8	2.4
1981		1.9	1.5	1.5										1981		3.4	4.1	3.8									

See footnotes at end of tables.

MANUFACTURING

SIC 3442

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3441—FABRICATED STRUCTURAL METAL (Con.)														SIC 3442—METAL DOORS, SASH, AND TRIM (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.3	2.4	2.2	2.7	3.1	4.0	4.2	4.1	4.7	3.8	3.6	2.8	2.2	1977	178.25	172.37	171.71	173.49	173.94	176.00	180.59	172.77	181.48	180.14	179.29	184.00	189.72
1978	4.2	3.6	2.7	3.2	3.8	4.7	4.8	4.9	6.0	4.9	5.1	3.6	2.7	1978	190.61	178.98	182.75	185.81	184.08	190.16	191.04	190.51	191.97	194.93	195.92	197.79	201.79
1979	4.2	4.2	3.8	4.0	4.5	5.1	5.2	4.9	4.6	4.6	4.3	2.8	2.1	1979	208.15	191.76	195.58	198.39	194.16	206.98	207.77	205.14	213.07	217.76	216.40	221.20	227.29
1980	2.9	3.3	3.5	3.3	3.1	3.0	3.0	2.6	3.0	3.9	2.8	1.9	1.8	1980	232.07	224.62	218.68	219.26	219.62	227.94	228.54	230.50	235.57	237.60	240.20	248.06	251.53
1981		2.4	2.4	2.4										1981		240.95	238.75	242.94									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.2	1.0	2.3	2.0	1.2	1.4	1.5	1.2	1.2	.9	.8	.6	.8	1977	4.49	4.56	4.46	4.46	4.46	4.40	4.47	4.43	4.47	4.47	4.46	4.60	4.65
1978	1.0	1.2	1.0	1.6	1.5	1.6	.9	1.0	.9	.6	.8	.4	.4	1978	4.85	4.71	4.71	4.74	4.72	4.79	4.80	4.86	4.86	4.91	4.96	5.02	5.07
1979	.7	.9	1.0	.9	.5	.9	.7	.7	.5	.4	.6	.7	.3	1979	5.31	5.10	5.12	5.18	5.15	5.28	5.26	5.26	5.34	5.39	5.41	5.53	5.64
1980	.8	1.0	.7	.7	.7	1.2	.9	1.1	.6	1.0	.8	.8	.5	1980	5.89	5.73	5.68	5.71	5.81	5.89	5.86	5.88	5.86	5.94	5.99	6.08	6.18
1981		.9	1.5	1.3										1981		6.21	6.25	6.31									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.8	5.4	5.9	5.0	4.6	3.8	3.9	4.1	5.5	6.0	4.8	4.0	4.3	1977	39.7	37.8	38.5	38.9	39.0	40.0	40.4	39.0	40.6	40.3	40.2	40.0	40.8
1978	5.0	5.6	5.0	4.9	4.4	4.9	4.7	5.1	6.8	5.1	5.1	4.6	4.1	1978	39.3	38.0	38.8	39.2	39.0	39.7	39.8	39.2	39.5	39.7	39.5	39.4	39.8
1979	4.6	5.1	4.7	4.8	4.9	5.0	4.7	4.5	5.3	5.2	5.1	3.0	3.2	1979	39.2	37.6	38.2	38.3	37.7	39.2	39.5	39.0	39.9	40.4	40.0	40.0	40.3
1980	4.3	4.5	4.8	5.0	5.0	4.6	4.0	3.8	5.1	4.2	3.9	3.1	3.0	1980	39.4	39.2	38.5	38.4	37.8	38.7	39.0	39.2	40.2	40.0	40.1	40.8	40.7
1981		5.2	4.1	4.3										1981		38.8	38.2	38.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.9	1.4	1.4	1.6	1.7	1.9	1.9	2.2	3.1	2.7	2.2	1.5	1.6	1977	3.0	2.0	2.0	1.9	2.3	3.1	3.4	3.0	3.8	3.8	3.0	3.2	3.5
1978	2.6	2.0	1.9	2.3	2.4	2.7	2.7	3.0	4.3	3.2	3.1	2.2	1.9	1978	2.8	2.8	2.9	2.4	2.6	3.0	2.9	2.8	3.1	3.0	2.7	2.8	2.5
1979	2.6	2.6	2.5	2.7	2.8	2.8	2.7	2.6	3.6	2.8	2.5	1.7	1.4	1979	2.4	1.9	1.6	1.5	1.3	2.3	2.3	2.5	3.0	3.4	2.9	2.9	3.0
1980	1.8	1.8	2.1	2.1	2.2	1.8	1.7	1.7	2.4	2.2	1.6	1.3	1.2	1980	2.3	2.3	2.0	1.8	1.5	1.8	1.6	2.3	2.5	2.6	2.7	3.1	3.1
1981		1.5	1.3	1.5										1981		2.1	1.6	1.7									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.8	3.0	3.5	2.5	1.8	.9	1.0	.9	1.2	2.2	1.5	1.5	1.8	1977	7.3	4.1	5.0	6.8	9.1	9.1	10.4	6.8	11.3	9.1	7.2	5.0	3.3
1978	1.3	2.3	2.1	1.6	1.1	1.1	1.0	.9	.9	.7	.7	1.4	1.3	1978	6.5	4.9	4.7	5.4	6.9	8.9	8.0	7.3	8.7	8.4	7.1	5.1	3.0
1979	1.0	1.4	1.2	.9	1.0	1.0	.8	.7	.5	1.1	1.3	.6	1.0	1979	5.9	4.3	3.8	5.2	5.9	7.9	7.7	5.9	8.1	7.8	6.6	.1	2.7
1980	1.5	1.7	1.7	1.7	1.8	1.7	1.3	1.2	1.7	1.1	1.4	1.1	1.1	1980	4.8	4.3	3.7	4.5	3.2	4.5	6.3	8.0	7.0	6.4	4.5	3.8	1.9
1981		2.7	1.8	1.7										1981		2.8	3.3	4.7									
SIC 3442—METAL DOORS, SASH, AND TRIM														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	6.1	2.9	2.8	4.5	6.4	7.2	9.2	6.2	10.7	8.7	6.7	4.6	2.7
1977	78.6	69.5	67.9	69.9	73.1	76.1	79.8	81.1	84.2	85.2	86.0	85.2	85.3	1978	5.6	4.2	3.8	4.2	5.3	7.6	7.0	6.5	7.7	6.9	6.6	4.5	2.6
1978	85.8	83.6	82.8	81.6	83.2	85.3	86.7	86.5	87.4	88.1	88.5	89.1	87.3	1979	4.8	3.4	3.0	3.7	4.6	5.5	6.7	5.1	7.0	7.0	6.1	3.5	2.2
1979	85.6	84.3	82.2	82.0	83.0	84.0	86.9	86.9	87.7	88.7	89.0	87.9	84.9	1980	3.1	3.1	2.2	2.6	2.0	2.7	3.7	4.9	4.8	4.0	3.9	2.6	1.4
1980	79.0	82.6	80.9	80.5	77.4	73.2	73.0	75.2	79.0	81.0	81.5	82.4	81.3	1981		2.2	1.9	2.5									
1981		78.9	77.4	76.8																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	21.8	18.6	18.0	18.3	19.9	21.1	22.0	22.3	23.3	24.5	24.6	24.4	24.1	1977	1.0	1.2	1.8	2.0	2.1	1.7	1.0	.4	.5	.3	.4	.3	.5
1978	23.6	23.4	23.0	22.3	23.1	23.8	24.3	23.7	23.8	24.0	24.1	24.0	23.7	1978	.8	.5	.8	1.1	1.5	1.1	.8	.7	.9	1.4	.4	.5	.4
1979	23.2	22.4	21.6	21.6	22.0	23.2	23.6	24.0	24.1	24.2	24.5	23.9	22.9	1979	.9	.8	.7	1.4	1.2	2.3	.9	.7	1.0	.6	.4	.6	.4
1980	20.5	22.1	21.3	21.3	19.9	18.4	18.4	19.2	20.2	21.0	21.3	21.4	21.0	1980	1.5	1.1	1.4	1.7	1.2	1.7	2.5	3.0	1.9	2.1	.6	1.1	.4
1981		20.0	19.6	19.4										1981		.6	1.3	2.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	60.0	51.5	50.1	52.2	55.4	57.9	61.4	62.4	64.9	66.1	66.8	65.8	65.7	1977	6.1	7.4	5.0	4.4	5.7	5.8	5.9	5.4	8.7	8.1	6.7	5.6	4.2
1978	65.1	64.0	62.9	61.9	62.9	65.0	66.1	65.6	66.3	66.8	66.8	67.3	65.5	1978	6.7	6.6	6.0	6.7	6.7	6.9	6.9	6.3	9.3	7.5	6.6	5.7	4.8
1979	64.0	63.1	60.6	60.6	61.4	62.3	65.1	65.2	66.0	66.6	67.2	66.3	63.5	1979	6.2	7.2	6.2	6.3	6.0	5.6	6.0	5.4	7.5	6.9	7.2	5.3	4.5
1980	57.9	61.5	59.6	59.0	56.2	52.4	52.6	54.4	57.7	59.8	60.5	61.1	60.1	1980	5.6	7.8	5.9	5.5	8.2	6.9	5.3	4.0	5.8	4.0	4.8	4.2	5.1
1981		57.5	56.0	55.4										1981		5.8	4.7	6.1									

See footnotes at end of tables.

MANUFACTURING

See footnotes at end of tables.

MANUFACTURING

SIC 3446

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3444—SHEET METAL WORK (Con.)														SIC 3444—SHEET METAL WORK (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	12.3	11.5	11.4	11.8	11.9	12.2	12.1	12.2	12.5	12.8	12.9	13.0	13.3	1977	0.9	1.7	1.2	1.7	1.3	1.0	0.9	0.9	0.6	0.6	0.5	0.8	0.4
1978	14.6	13.4	13.6	13.9	14.3	14.5	14.7	14.5	14.8	14.9	15.3	15.4	15.4	1978	.6	.9	.7	.8	.8	.7	.9	.9	.4	.4	.5	.3	.3
1979	16.3	15.4	15.7	15.7	15.9	16.0	16.3	16.3	16.4	16.6	17.0	17.1	16.9	1979	.6	.4	.4	.6	1.2	.9	.6	.6	.6	.4	.6	.5	.8
1980	15.9	16.7	16.5	16.6	16.3	15.7	15.4	15.5	15.6	15.5	15.7	15.5	15.4	1980	1.3	1.5	.5	1.0	.8	1.4	2.5	2.7	1.5	1.4	1.0	.5	.8
1981		15.5	15.7	15.8										1981		2.5	1.4	1.0									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	70.2	64.5	64.7	66.1	67.4	68.9	70.3	72.3	73.3	73.5	73.9	74.2	73.8	1977	4.7	6.0	4.6	4.4	3.9	4.4	4.3	4.7	6.4	6.0	4.4	3.6	4.1
1978	78.0	73.6	72.8	73.9	75.7	76.4	78.5	79.3	79.8	81.1	81.6	81.8	81.6	1978	4.7	4.0	4.0	3.8	4.3	4.3	5.2	4.4	6.9	6.1	5.1	4.2	3.4
1979	83.1	80.5	80.7	80.5	80.2	81.4	83.9	83.6	83.8	84.2	85.5	86.2	86.7	1979	4.9	5.5	3.8	4.6	4.7	4.6	4.4	4.7	7.1	5.5	5.1	4.6	3.8
1980	81.7	86.3	84.6	83.5	81.6	79.7	80.1	79.5	81.2	81.6	81.5	80.5	80.1	1980	5.2	5.0	4.5	4.6	7.7	4.9	5.6	5.2	5.9	3.9	4.9	5.5	4.6
1981		79.3	78.5	78.7										1981		4.5	3.8	4.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	232.03	216.40	222.22	226.12	223.97	227.30	233.16	232.06	235.60	238.79	241.59	239.99	243.81	1977	2.2	1.6	1.5	1.9	1.9	2.0	2.0	2.3	3.8	3.3	2.2	1.9	1.4
1978	245.52	231.55	233.14	241.19	242.00	241.16	245.81	247.90	248.06	250.97	251.93	251.93	258.16	1978	2.7	1.7	2.0	2.1	2.7	2.6	3.2	2.7	4.7	4.0	3.1	2.1	1.6
1979	263.74	252.41	253.44	259.60	247.94	260.83	264.27	262.36	267.13	274.00	271.32	269.68	277.78	1979	2.6	2.3	2.0	2.5	2.6	2.8	2.7	2.9	4.3	3.4	2.7	2.0	1.5
1980	285.04	271.75	268.19	274.95	277.36	279.41	285.38	283.67	289.38	298.90	294.03	294.36	306.80	1980	1.9	2.2	2.2	2.1	2.1	1.8	1.7	1.9	2.9	2.0	1.7	1.4	1.3
1981		302.25	299.53	309.29										1981		1.6	1.4	1.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.83	5.65	5.64	5.71	5.67	5.74	5.80	5.86	5.89	5.94	5.98	5.97	6.02	1977	1.6	3.1	1.5	1.7	1.4	1.6	1.4	1.3	1.4	1.6	1.3	.9	2.1
1978	6.20	6.03	6.04	6.06	6.05	6.09	6.13	6.26	6.28	6.29	6.33	6.33	6.39	1978	1.0	1.5	1.2	.7	.7	.7	1.1	.7	1.2	1.0	1.0	1.2	1.0
1979	6.66	6.39	6.40	6.49	6.44	6.57	6.64	6.71	6.78	6.85	6.80	6.81	6.91	1979	1.2	1.5	1.1	1.2	1.2	1.0	.7	1.0	1.4	1.2	1.3	1.6	1.5
1980	7.29	6.95	6.93	7.05	7.13	7.22	7.28	7.33	7.42	7.51	7.52	7.49	7.67	1980	2.3	1.8	1.6	1.5	4.6	2.3	2.8	2.3	1.8	1.1	2.3	3.4	2.7
1981		7.75	7.78	7.85										1981		2.3	1.7	1.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3446—ARCHITECTURAL METAL WORK													
1977	39.8	38.3	39.4	39.6	39.5	39.6	40.2	39.6	40.0	40.2	40.4	40.2	40.5	ALL EMPLOYEES—IN THOUSANDS													
1978	39.6	38.4	38.6	39.8	40.0	39.6	40.1	39.6	39.5	39.9	39.8	39.8	40.4	1977	30.3	28.8	29.7	29.7	29.7	30.2	31.0	30.5	30.7	30.8	30.7	30.5	30.7
1979	39.6	39.5	39.6	40.0	38.5	39.7	39.8	39.1	39.4	40.0	39.9	39.6	40.2	1978	30.5	30.3	29.6	29.6	29.5	29.8	30.4	30.6	30.7	31.0	31.2	31.3	31.4
1980	39.1	39.1	38.7	39.0	38.9	38.7	39.2	38.7	39.0	39.8	39.1	39.3	40.0	1979	30.9	30.9	31.2	31.1	30.3	30.6	31.0	30.9	31.0	31.0	30.9	30.9	31.2
1981		39.0	38.5	39.4										1980	31.6	31.2	31.7	31.5	31.2	30.9	30.7	30.7	31.5	32.1	32.2	32.6	32.3
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		32.4	32.5	32.1									
1977	3.1	2.3	2.6	2.8	2.7	2.7	3.3	3.3	3.3	3.6	3.7	3.5	3.5	PRODUCTION WORKERS—IN THOUSANDS													
1978	3.2	2.9	2.9	3.1	3.2	3.1	3.3	3.3	3.2	3.7	3.5	3.3	3.3	1977	21.3	20.1	20.7	20.6	20.8	21.3	21.9	21.5	21.7	21.8	21.8	21.8	21.9
1979	3.0	2.9	2.8	3.1	2.1	2.9	3.2	2.8	3.0	3.5	3.3	3.1	3.1	1978	21.9	21.6	21.1	21.2	21.0	21.1	21.8	22.1	22.2	22.6	22.6	22.6	22.7
1980	2.5	2.8	2.4	2.5	2.2	2.3	2.5	2.3	2.5	2.9	2.5	2.3	2.8	1979	22.4	22.3	22.6	22.5	22.0	22.2	22.5	22.3	22.4	22.4	22.3	22.3	22.7
1981		2.3	2.2	2.6										1980	22.5	22.7	23.0	22.7	22.4	21.8	21.6	21.4	22.2	22.6	22.9	23.3	23.0
ACCESSIONS PER 100 EMPLOYEES														1981		22.8	22.8	22.6									
1977	5.3	5.5	4.5	5.8	4.8	5.6	6.5	6.0	7.0	5.8	4.9	4.4	3.1	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	5.1	4.4	4.1	4.8	5.0	5.1	6.7	5.4	6.3	6.9	6.0	4.0	2.4	1977	219.85	204.82	211.23	215.67	213.25	219.20	218.14	218.28	223.76	226.70	222.80	228.83	230.74
1979	5.0	4.2	4.4	4.3	5.2	6.4	5.6	5.2	6.2	5.7	5.8	3.6	2.9	1978	234.80	219.01	222.22	221.43	222.26	230.40	235.53	234.99	244.22	243.00	241.38	246.24	255.42
1980	4.4	5.1	3.6	4.5	3.7	5.1	6.3	6.1	5.2	4.9	4.0	2.2	2.4	1979	250.11	246.64	247.63	242.96	224.96	240.86	240.01	250.49	253.49	262.76	261.14	262.92	263.22
1981		5.1	3.4	4.4										1980	270.12	257.36	253.84	251.29	253.24	266.13	264.49	267.02	279.16	285.53	281.20	284.52	296.90
NEW HIRES PER 100 EMPLOYEES														1981		285.32	283.38	287.83									
1977	4.2	3.3	2.9	3.8	3.4	4.5	5.5	5.0	6.3	5.1	4.3	3.6	2.6	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	4.4	3.4	3.3	3.9	4.1	4.3	5.7	4.4	5.8	6.4	5.4	3.6	2.1	1977	5.51	5.32	5.43	5.46	5.44	5.48	5.44	5.54	5.58	5.57	5.57	5.65	5.56
1979	4.2	3.7	3.8	3.6	3.9	5.3	4.8	4.5	5.5	4.7	5.1	3.1	2.0	1978	5.87	5.63	5.64	5.62	5.67	5.76	5.83	5.86	6.06	6.00	6.08	6.05	6.14
1980	3.1	3.5	3.1	3.4	2.9	3.6	3.8	3.3	3.5	3.5	2.9	1.6	1.5	1979	6.30	6.12	6.16	6.12	6.08	6.16	6.17	6.39	6.45	6.52	6.48	6.46	6.42
1981		2.4	2.0	3.3										1980	6.77	6.45	6.41	6.46	6.51	6.67	6.73	6.76	6.91	7.05	7.03	7.06	7.12
														1981		7.08	7.12	7.16									

See footnotes at end of tables.

SIC 3446
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3446—ARCHITECTURAL METAL WORK (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	39.9	38.5	38.9	39.5	39.2	40.0	40.1	39.4	40.1	40.7	40.0	40.5	41.5
1978	40.0	38.9	39.4	39.4	39.2	40.0	40.4	40.1	40.3	40.5	39.7	40.7	41.6
1979	39.7	40.3	40.2	39.7	37.0	39.1	38.9	39.2	39.3	40.3	40.3	40.7	41.0
1980	39.9	39.9	39.6	38.9	38.9	39.9	39.3	39.5	40.4	40.5	40.0	40.3	41.7
1981		40.3	39.8	40.2									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.1	1.5	1.2	1.6	1.5	1.8	1.7	2.0	2.6	3.0	2.5	2.6	2.5
1978	2.3	2.0	1.8	1.7	1.5	2.0	2.4	2.5	2.6	3.0	2.3	2.4	2.7
1979	2.3	2.1	2.2	1.7	1.1	1.8	1.6	1.9	2.4	2.9	2.9	3.2	3.5
1980	2.6	2.6	2.3	1.9	2.0	2.6	2.1	2.5	3.1	3.1	2.8	2.8	3.1
1981		2.6	2.3	2.1									

SIC 345—SCREW MACHINE PRODUCTS, BOLTS, ETC.

ALL EMPLOYEES—IN THOUSANDS													
1977	101.2	98.4	99.1	99.4	99.4	100.1	101.5	100.0	100.9	102.1	103.3	104.7	105.6
1978	108.9	105.7	107.2	108.0	107.7	108.0	109.1	107.3	108.5	109.4	110.7	111.8	113.2
1979	115.9	113.8	115.6	116.0	116.3	116.0	117.1	115.4	115.8	115.7	116.3	116.8	116.4
1980	108.1	115.8	115.8	115.6	114.2	110.6	107.5	101.9	101.7	102.7	103.2	103.8	104.0
1981		103.6	104.3	104.4									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	21.0	20.1	20.2	20.3	20.7	20.7	21.0	20.6	21.0	21.2	21.7	22.1	22.2
1978	23.0	22.2	22.4	22.6	22.7	22.9	23.1	22.5	22.5	23.2	23.8	24.1	24.2
1979	25.4	24.3	24.7	25.1	25.3	25.3	25.5	25.2	25.4	25.7	26.1	26.3	26.2
1980	24.4	26.2	26.1	26.2	25.9	24.8	24.2	22.8	22.9	23.2	23.4	23.6	23.5
1981		23.3	23.5	23.5									

PRODUCTION WORKERS—IN THOUSANDS													
1977	79.4	76.7	77.4	77.7	78.5	78.8	79.9	78.5	79.1	80.1	81.2	82.3	82.8
1978	85.5	82.9	84.1	85.1	84.9	85.1	85.8	84.0	84.8	85.8	86.9	87.9	88.9
1979	91.2	89.6	91.0	91.4	91.7	91.4	92.4	90.6	91.2	90.9	91.1	91.7	91.3
1980	83.6	90.8	91.0	90.7	89.4	85.8	83.1	77.8	77.3	78.6	79.1	79.8	79.9
1981		80.0	80.6	80.5									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	237.15	222.89	230.54	232.23	230.29	233.23	239.94	230.33	237.86	243.24	243.53	246.67	252.44
1978	256.37	240.86	248.36	249.80	251.08	249.99	255.68	249.72	255.43	260.83	264.38	270.07	274.56
1979	274.13	269.33	275.12	277.93	257.29	273.92	274.99	263.94	267.90	277.49	282.63	283.05	286.94
1980	283.97	280.90	283.66	288.49	281.67	279.33	273.03	267.63	275.22	285.11	289.17	297.66	305.44
1981		302.33	302.60	307.57									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.58	5.41	5.45	5.49	5.47	5.54	5.58	5.55	5.61	5.67	5.69	5.71	5.79
1978	5.99	5.79	5.83	5.85	5.88	5.91	5.96	5.96	6.01	6.08	6.12	6.18	6.24
1979	6.45	6.22	6.31	6.36	6.26	6.43	6.44	6.36	6.44	6.56	6.65	6.66	6.72
1980	6.96	6.72	6.77	6.82	6.87	6.88	6.86	6.88	6.95	7.11	7.14	7.26	7.36
1981		7.41	7.49	7.52									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	42.5	41.2	42.3	42.3	42.1	42.1	43.0	41.5	42.4	42.9	42.8	43.2	43.6
1978	42.8	41.6	42.6	42.7	42.7	42.3	42.9	41.9	42.5	42.9	43.2	43.7	44.0
1979	42.5	43.3	43.6	43.7	41.1	42.6	42.7	41.5	41.6	42.3	42.5	42.5	42.7
1980	40.8	41.8	41.9	42.3	41.0	40.6	39.8	38.9	39.6	40.1	40.5	41.0	41.5
1981		40.8	40.4	40.9									

SIC 345—SCREW MACHINE PRODUCTS, BOLTS, ETC. (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	4.7	3.9	4.4	4.3	4.3	4.6	5.0	4.1	4.8	5.3	5.1	5.1	5.4
1978	5.3	4.9	5.4	5.1	5.1	4.9	5.2	4.7	5.3	5.6	5.7	5.9	6.0
1979	4.7	5.3	5.6	5.7	3.5	5.0	4.9	4.1	4.4	4.6	4.7	4.6	4.6
1980	3.4	4.3	4.1	4.1	3.6	3.3	2.8	2.5	2.7	3.0	3.0	3.3	3.5
1981		3.1	3.1	3.0									

MANUFACTURING

SIC 3452

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3451—SCREW MACHINE PRODUCTS (Con.)														SIC 3451—SCREW MACHINE PRODUCTS (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	10.7	10.2	10.3	10.3	10.6	10.6	10.7	10.4	10.6	10.7	11.1	11.3	11.4	1977	0.3	0.4	0.2	0.2	0.2	0.3	0.4	0.5	0.8	0.2	0.2	0.3	0.3
1978	11.8	11.5	11.6	11.7	11.7	11.8	11.8	11.4	11.4	11.8	12.1	12.2	12.3	1978	.2	.2	.1	.2	.2	.4	.3	.2	.3	.1	.1	.1	.2
1979	12.8	12.4	12.7	12.8	12.8	12.7	12.8	12.5	12.7	13.0	13.2	13.2	13.2	1979	.3	.2	.1	.1	.1	.4	.4	.6	.3	.3	.3	.3	.3
1980	12.5	13.3	13.3	13.3	13.0	12.4	12.4	11.6	11.8	12.0	12.1	12.2	12.1	1980	.8	.5	.7	.4	.3	.3	.4	.8	1.5	1.7	1.5	1.0	.5
1981		12.0	12.1	12.1										1981		1.2	1.0	.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	39.1	37.7	38.1	38.5	38.5	38.7	39.1	38.4	39.0	39.4	40.0	40.5	41.0	1977	3.4	3.6	3.1	3.7	3.9	3.8	2.5	3.4	5.0	3.9	2.9	2.8	2.3
1978	42.6	41.3	42.2	42.8	42.9	42.5	42.7	41.8	41.9	42.6	43.0	43.2	43.9	1978	3.7	3.1	3.0	3.9	4.0	3.3	3.3	3.6	4.8	4.8	4.0	3.2	3.3
1979	44.9	44.3	45.2	45.3	45.1	45.1	45.4	44.6	44.8	44.6	44.7	44.6	44.9	1979	4.4	4.4	3.9	4.0	3.5	4.8	4.6	4.8	6.7	4.7	4.3	3.8	2.9
1980	41.3	44.8	44.8	44.5	43.5	41.9	41.4	39.2	38.4	39.0	39.1	39.6	39.6	1980	4.1	3.7	3.4	3.4	5.6	5.4	5.6	4.5	5.9	4.0	3.1	2.1	2.9
1981		39.6	39.7	39.9										1981		3.4	2.4	2.9									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	221.03	209.50	219.96	216.52	212.07	213.73	221.09	215.06	222.50	227.80	227.38	230.91	232.52	1977	2.1	1.7	1.7	2.4	2.2	2.0	1.8	1.9	3.4	2.8	2.1	1.5	1.4
1978	238.15	225.76	235.64	233.33	234.60	233.80	237.58	234.21	237.87	240.24	243.07	248.09	251.70	1978	2.6	2.1	1.7	2.8	2.4	2.6	2.4	2.6	3.8	3.6	2.9	2.3	2.2
1979	252.60	246.50	251.24	250.49	238.21	251.64	250.38	247.57	251.26	256.81	260.57	259.76	265.59	1979	3.0	2.9	2.7	3.0	2.7	3.6	3.1	2.8	4.8	3.3	2.8	2.4	1.4
1980	258.08	262.08	259.38	261.45	256.63	255.33	252.49	244.60	251.94	258.33	259.78	262.68	269.33	1980	1.9	2.3	2.2	2.3	1.8	1.7	1.6	1.4	2.8	2.2	1.7	1.0	1.2
1981		268.60	268.71	278.10										1981		1.3	1.5	1.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.25	5.16	5.20	5.18	5.11	5.15	5.19	5.22	5.26	5.31	5.35	5.37	5.42	1977	.5	.3	.7	.4	.5	.9	.2	.7	.5	.3	.1	.6	.4
1978	5.63	5.44	5.48	5.49	5.52	5.58	5.59	5.63	5.65	5.72	5.76	5.81	5.84	1978	.2	.2	.3	.3	.6	.1	.2	.2	.1	.1	.1	.2	.1
1979	6.00	5.80	5.87	5.88	5.81	6.02	5.99	5.98	6.04	6.10	6.16	6.17	6.22	1979	.4	.3	.2	.1	.1	.1	.5	.5	.7	.6	.4	.6	.8
1980	6.42	6.24	6.25	6.30	6.29	6.32	6.36	6.42	6.46	6.59	6.56	6.65	6.75	1980	1.6	.6	.5	.4	3.1	2.9	3.1	2.4	2.3	1.2	.7	.5	1.1
1981		6.80	6.89	6.97										1981		1.2	.4	.7									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3452—BOLTS, NUTS, RIVETS, AND WASHERS													
1977	42.1	40.6	42.3	41.8	41.5	41.5	42.6	41.2	42.3	42.9	42.5	43.0	42.9	ALL EMPLOYEES—IN THOUSANDS													
1978	42.3	41.5	43.0	42.5	42.5	41.9	42.5	41.6	42.1	42.0	42.2	42.7	43.1	1977	53.9	52.9	53.1	53.1	52.8	53.3	54.1	53.5	53.7	54.5	54.8	55.6	55.8
1979	42.1	42.5	42.8	42.6	41.0	41.8	41.8	41.4	41.6	42.1	42.3	42.1	42.7	1978	57.4	55.6	56.0	56.5	56.2	56.7	57.5	56.7	57.5	57.9	58.6	59.5	60.1
1980	40.2	42.0	41.5	41.5	40.8	40.4	39.7	38.1	39.0	39.2	39.6	39.5	39.9	1979	61.8	60.5	61.1	61.4	61.9	61.7	62.4	61.7	61.9	61.9	62.3	62.7	62.2
1981		39.5	39.0	39.9										1980	57.4	61.6	61.7	61.7	61.4	59.3	56.7	53.3	53.8	54.4	54.6	54.9	55.1
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		54.8	55.4	55.3									
1977	4.8	4.1	4.7	4.4	4.3	4.7	4.9	4.0	4.9	5.4	5.3	5.2	5.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	5.5	5.2	5.9	5.4	5.5	5.3	5.4	5.0	5.2	5.4	5.7	5.8	6.0	1977	10.3	9.9	9.9	10.0	10.1	10.1	10.3	10.2	10.4	10.5	10.6	10.8	10.8
1979	4.9	5.3	5.7	5.5	4.0	5.1	4.9	4.3	4.6	4.8	5.0	4.8	5.2	1978	11.2	10.7	10.8	10.9	11.0	11.1	11.3	11.1	11.1	11.4	11.7	11.9	11.9
1980	3.5	4.7	4.6	4.4	3.9	3.4	3.0	2.7	2.8	2.9	2.9	2.8	3.0	1979	12.6	11.9	12.0	12.3	12.5	12.6	12.7	12.7	12.7	12.7	12.9	13.1	13.0
1981		2.7	2.6	2.8										1980	11.9	12.9	12.8	12.9	12.9	12.4	11.8	11.2	11.1	11.2	11.3	11.4	11.4
ACCESSIONS PER 100 EMPLOYEES														1981		11.3	11.4	11.4									
1977	3.8	4.0	3.6	4.0	3.4	4.0	3.9	3.4	5.0	4.4	4.0	3.3	2.2	PRODUCTION WORKERS—IN THOUSANDS													
1978	4.5	4.4	4.0	4.1	3.5	4.5	4.7	4.1	5.5	5.6	5.3	4.3	3.8	1977	40.3	39.0	39.3	39.2	40.0	40.1	40.8	40.1	40.1	40.7	41.2	41.8	41.8
1979	4.6	6.0	4.7	4.4	4.0	5.8	5.4	4.6	5.5	4.6	4.3	3.7	2.3	1978	43.0	41.6	41.9	42.3	42.0	42.6	43.1	42.2	42.9	43.2	43.9	44.7	45.0
1980	3.2	4.1	3.4	3.9	2.5	2.7	2.9	2.1	3.8	4.7	3.8	2.8	1.9	1979	46.3	45.3	45.8	46.1	46.6	46.3	47.0	46.0	46.4	46.3	46.4	47.1	46.4
1981		2.7	3.3	3.0										1980	42.3	46.0	46.2	46.2	45.9	43.9	41.7	38.6	38.9	39.6	40.0	40.2	40.3
NEW HIRES PER 100 EMPLOYEES														1981		40.4	40.9	40.6									
1977	3.3	3.5	3.4	3.7	3.1	3.4	3.4	2.8	4.1	4.1	3.8	2.9	1.9	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.2	4.1	3.8	3.9	3.3	4.0	4.3	3.9	5.1	5.4	5.1	4.2	3.5	1977	252.95	235.75	241.11	247.38	247.08	252.36	257.80	244.95	252.88	258.69	259.46	262.74	271.83
1979	4.2	5.7	4.5	4.3	3.8	5.3	4.8	4.0	5.1	4.2	4.0	3.3	2.0	1978	273.89	255.62	261.84	267.03	267.07	266.45	273.85	264.39	273.05	280.99	284.89	291.44	296.58
1980	2.4	3.5	2.7	3.3	2.1	2.3	2.3	1.3	2.2	3.0	2.3	1.8	1.3	1979	295.15	291.94	297.70	304.41	275.63	295.99	298.41	280.64	284.13	298.20	303.31	305.45	306.72
1981		1.5	2.2	2.1										1980	309.26	298.69	306.37	313.90	305.29	302.33	292.93	291.73	298.69	311.25	317.60	331.93	340.13
														1981		335.54	336.07	336.07									

See footnotes at end of tables.

SIC 3452

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3452—BOLTS, NUTS, RIVETS, AND WASHERS (Con.)														SIC 3452—BOLTS, NUTS, RIVETS, AND WASHERS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.91	5.64	5.70	5.78	5.80	5.91	5.94	5.86	5.95	6.03	6.02	6.04	6.15	1977	0.4	0.6	0.4	0.5	0.4	0.4	0.3	0.4	0.5	0.4	0.4	0.1	0.2
1978	6.34	6.13	6.19	6.21	6.24	6.24	6.31	6.28	6.35	6.43	6.46	6.52	6.62	1978	.4	1.4	.8	.9	.4	.1	.4	.3	.2	.3	.2	.2	
1979	6.88	6.62	6.72	6.81	6.69	6.82	6.86	6.73	6.83	7.00	7.12	7.12	7.20	1979	.7	.5	(¹)	.2	.4	.5	.3	.8	1.1	1.0	.8	1.2	
1980	7.47	7.18	7.26	7.30	7.41	7.41	7.36	7.33	7.43	7.61	7.69	7.81	7.91	1980	1.7	1.5	1.3	.7	2.3	5.3	3.3	1.7	1.3	1.0	1.0	.6	
1981		7.97	8.04	8.04										1981		1.0	.5	.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 346—METAL FORGINGS AND STAMPINGS													
1977	42.8	41.8	42.3	42.8	42.6	42.7	43.4	41.8	42.5	42.9	43.1	43.5	44.2	ALL EMPLOYEES—IN THOUSANDS													
1978	43.2	41.7	42.3	43.0	42.8	42.7	43.4	42.1	43.0	43.7	44.1	44.7	44.8	1977	291.4	282.6	282.4	286.3	288.2	289.6	292.5	284.9	287.5	295.4	300.7	302.3	304.2
1979	42.9	44.1	44.3	44.7	41.2	43.4	43.5	41.7	41.6	42.6	42.6	42.9	42.6	1978	304.3	300.6	299.0	300.3	304.0	306.9	302.5	291.1	296.1	309.5	312.1	314.2	315.1
1980	41.4	41.6	42.2	43.0	41.2	40.8	39.8	39.8	40.2	40.9	41.3	42.5	43.0	1979	304.6	312.7	310.1	309.8	308.6	312.6	313.5	296.6	292.7	303.0	302.6	297.6	294.9
1981		42.1	41.8	41.8										1980	262.9	275.6	281.1	286.8	275.0	260.4	258.3	235.4	244.3	253.4	258.7	264.3	261.9
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.6	3.7	4.1	4.2	4.2	4.5	5.0	4.2	4.7	5.1	4.9	5.0	5.4	1977	54.8	52.4	52.2	53.5	54.3	54.5	54.5	53.6	54.5	56.4	57.4	57.3	57.2
1978	5.1	4.6	4.9	4.7	4.7	4.5	5.0	4.4	5.4	5.8	5.8	5.9	5.9	1978	57.8	56.4	56.0	56.8	58.0	58.9	58.2	55.7	56.4	58.6	59.8	59.4	59.0
1979	4.6	5.3	5.5	5.9	3.0	4.8	5.0	3.8	4.2	4.4	4.4	4.4	4.0	1979	57.8	58.7	58.7	58.8	58.3	58.4	59.2	56.8	56.9	57.3	57.7	56.9	56.1
1980	3.3	3.9	3.6	3.8	3.4	3.1	2.6	2.3	2.7	3.0	3.1	3.9	4.1	1980	52.0	54.2	54.2	54.7	53.4	49.5	48.2	46.7	50.2	51.9	53.2	54.0	53.2
1981		3.5	3.6	3.2										1981		52.0	51.5	52.0									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.6	2.5	2.3	3.1	2.5	3.3	3.2	2.4	3.5	3.1	2.4	1.9	1.3	1977	235.6	227.8	227.5	231.1	232.9	234.4	236.5	228.8	231.1	239.0	244.4	246.5	247.5
1978	3.0	2.3	2.3	2.8	2.7	3.4	3.1	2.5	4.0	3.6	3.8	3.0	2.4	1978	246.4	244.2	241.8	242.6	247.0	249.1	245.0	233.3	237.9	250.7	253.9	255.6	256.2
1979	3.1	3.4	3.7	3.1	3.1	3.8	3.8	2.7	3.0	2.9	3.8	2.2	1.7	1979	245.0	253.3	251.0	249.8	249.3	253.6	253.8	237.0	232.2	242.9	243.6	238.2	235.6
1980	2.9	3.3	3.2	3.0	2.1	2.2	3.0	3.5	3.4	3.5	3.1	2.8	1.4	1980	206.2	216.5	223.6	229.0	217.5	203.4	201.9	180.0	187.7	197.6	202.7	207.9	206.2
1981		3.0	2.4	2.5										1981		199.8	199.0	204.7									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.1	2.0	1.8	2.1	1.9	2.6	2.6	2.0	3.1	2.4	2.0	1.6	1.1	1977	285.79	267.47	264.37	273.06	273.36	283.14	297.30	279.61	281.25	294.00	300.04	300.46	310.74
1978	2.5	1.9	1.7	2.5	2.0	2.7	2.5	1.9	3.6	3.3	3.4	2.7	2.0	1978	311.22	288.26	285.60	301.49	310.79	309.44	308.17	304.38	303.46	317.01	320.54	328.95	348.54
1979	2.6	3.1	3.3	2.9	2.9	3.3	3.4	2.3	2.2	2.3	3.1	1.7	1.2	1979	321.94	325.62	326.88	335.02	286.84	325.18	328.82	316.79	313.13	314.80	321.57	316.41	344.84
1980	1.7	2.1	2.1	2.2	1.7	1.4	1.9	1.3	1.6	1.8	1.6	1.4	.8	1980	345.37	320.00	326.80	340.63	333.17	325.01	344.00	330.03	337.85	352.63	369.49	372.37	389.58
1981		1.7	1.6	1.4										1981		373.11	368.52	387.69									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.3	.4	.4	.5	.5	.5	.4	.3	.3	.4	.2	.2	.1	1977	6.87	6.67	6.56	6.66	6.70	6.79	6.93	6.87	6.81	7.00	7.11	7.12	7.16
1978	.3	.2	.2	.2	.5	.5	.5	.5	.3	.2	.2	.2	.2	1978	7.41	7.10	7.00	7.23	7.33	7.35	7.32	7.37	7.33	7.53	7.65	7.74	7.85
1979	.3	.2	.2	.1	.1	.3	.3	.3	.6	.5	.6	.4	.4	1979	7.91	7.79	7.82	7.92	7.69	7.97	8.02	7.90	7.77	7.87	7.94	7.93	8.23
1980	1.0	.9	1.0	.5	.3	.6	.9	1.9	1.7	1.6	1.4	1.0	.5	1980	8.57	8.00	8.17	8.39	8.35	8.27	8.60	8.55	8.51	8.75	8.99	9.06	9.21
1981		1.2	.7	1.0										1981		9.19	9.19	9.41									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.4	2.6	2.4	2.3	2.3	2.4	2.5	2.5	3.8	2.7	2.1	1.9	1.3	1977	41.6	40.1	40.3	41.0	40.8	41.7	42.9	40.7	41.3	42.0	42.2	42.2	43.4
1978	2.8	3.5	2.9	3.3	2.5	2.3	2.8	2.5	3.4	3.5	2.6	2.4	2.0	1978	42.0	40.6	40.8	41.7	42.4	42.1	42.1	41.3	41.4	42.1	41.9	42.5	44.4
1979	3.3	3.1	2.3	3.0	3.0	3.7	3.1	3.4	4.7	3.8	3.4	2.9	2.7	1979	40.7	41.8	41.8	42.3	37.3	40.8	41.0	40.1	40.3	40.0	40.5	39.9	41.9
1980	3.8	3.6	3.5	3.0	4.4	7.2	5.5	3.7	4.1	3.1	3.1	1.8	1.9	1980	40.3	40.0	40.0	40.6	39.9	39.3	40.0	38.6	39.7	40.3	41.1	41.1	42.3
1981		3.0	2.2	2.3										1981		40.6	40.1	41.2									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.3	1.2	1.0	1.1	1.1	1.3	1.3	1.3	2.4	1.7	1.1	1.1	.5	1977	4.5	4.2	3.5	4.1	4.3	4.5	5.0	4.4	4.2	5.0	5.1	4.9	5.0
1978	1.5	1.2	1.1	1.5	1.3	1.4	1.6	1.5	2.3	2.1	1.6	1.4	1.0	1978	4.7	4.5	3.8	4.4	5.0	4.9	4.6	4.4	4.3	5.0	5.0	5.2	5.0
1979	1.6	1.6	1.3	1.7	1.6	2.1	1.8	1.7	2.4	1.7	1.7	1.1	.7	1979	3.8	4.8	4.7	4.9	2.2	4.5	4.3	3.7	3.3	3.4	3.6	3.1	3.1
1980	1.2	1.3	1.3	1.3	1.2	1.0	1.2	1.0	1.8	1.3	1.2	.7	.6	1980	3.0	2.9	2.9	3.4	2.9	2.2	2.3	2.7	2.7	3.3	3.5	3.5	3.8
1981		1.1	.9	1.0										1981		3.1	3.2	3.6									

See footnotes at end of tables.

MANUFACTURING

SIC 3462

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 346—METAL FORGINGS AND STAMPINGS (Con.)														SIC 3462—IRON AND STEEL FORGINGS (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.4	3.2	3.5	3.8	3.1	4.1	3.9	3.8	5.1	3.7	3.4	2.1	1.4	1977	39.5	40.6	38.7	38.8	39.0	38.7	39.5	39.0	38.5	39.8	40.1	40.6	40.4
1978	3.3	2.7	2.6	2.8	3.7	3.9	3.7	3.7	4.9	4.2	3.7	2.5	1.9	1978	41.3	40.3	39.9	39.6	40.4	40.3	38.2	38.0	41.7	43.4	44.0	44.8	45.5
1979	3.5	3.2	2.9	3.1	3.3	4.5	4.0	3.6	5.3	4.5	3.9	2.1	1.6	1979	44.3	45.5	45.8	46.4	46.8	46.5	45.9	43.5	41.6	43.5	43.3	41.8	40.7
1980	4.0	4.4	3.5	4.2	2.9	3.0	4.9	4.9	5.5	5.9	4.2	3.0	1.9	1980	35.2	39.5	39.2	38.8	38.1	35.1	35.1	32.5	31.8	32.1	32.4	33.4	33.8
1981		2.9	3.6	6.0										1981		33.9	34.8	35.0									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.2	1.5	1.6	2.2	2.0	2.8	2.9	2.2	3.0	2.7	2.4	1.5	1.0	1977	305.11	278.71	283.91	289.67	285.76	297.34	304.88	283.24	306.27	320.61	326.04	329.22	350.47
1978	2.3	1.5	1.4	1.6	2.2	2.8	2.8	2.2	3.4	3.4	3.0	1.9	1.2	1978	340.47	328.75	328.92	329.43	336.23	337.08	326.82	330.72	331.85	340.85	350.65	357.70	375.75
1979	2.2	2.3	2.1	2.4	2.2	3.2	2.8	1.9	2.7	2.1	2.0	1.2	.9	1979	338.64	358.25	359.13	369.80	296.48	324.23	336.34	322.34	321.34	334.62	346.98	336.18	357.14
1980	1.3	1.8	1.5	1.4	1.3	1.0	1.0	1.1	1.5	1.8	1.3	1.2	.8	1980	368.02	356.98	360.50	365.71	368.52	351.78	398.05	343.29	351.59	367.54	376.32	377.85	397.55
1981		1.2	1.3	1.5										1981		393.60	394.61	404.19									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.7	1.0	1.2	.8	.6	.7	.6	1.2	1.0	.6	.5	.4	.2	1977	7.46	7.11	7.08	7.17	7.18	7.36	7.40	7.30	7.47	7.67	7.80	7.82	8.02
1978	.6	.8	.8	.6	.8	.5	.4	.8	.4	.4	.4	.3	.4	1978	8.03	7.96	7.85	7.90	7.93	7.95	7.80	7.95	7.92	8.02	8.27	8.28	8.35
1979	.8	.5	.4	.4	.7	.6	.6	1.2	1.3	1.6	1.5	.6	.4	1979	8.53	8.39	8.47	8.58	8.19	8.51	8.58	8.55	8.39	8.58	8.74	8.62	8.84
1980	2.0	2.0	1.1	1.8	1.3	1.4	2.6	3.3	3.0	3.3	2.3	1.2	.8	1980	9.27	8.88	8.99	9.12	9.19	9.02	9.50	9.13	9.18	9.40	9.60	9.59	9.72
1981		1.2	1.6	3.0										1981		9.84	9.89	9.98									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.1	2.9	3.6	2.9	2.6	2.8	3.1	4.3	4.0	3.4	2.9	2.4	2.3	1977	40.9	39.2	40.1	40.4	39.8	40.4	41.2	38.8	41.0	41.8	41.8	42.1	43.7
1978	3.2	3.4	2.5	2.6	2.9	3.2	2.9	3.9	4.3	3.9	3.6	2.9	2.3	1978	42.4	41.3	41.9	41.7	42.4	42.4	41.9	41.6	41.9	42.5	42.4	43.2	45.0
1979	4.2	3.2	2.9	3.1	3.4	3.5	3.7	6.0	6.8	4.6	4.3	4.6	4.1	1979	39.7	42.7	42.4	43.1	36.2	38.1	39.2	37.7	38.3	39.0	39.7	39.0	40.4
1980	5.0	5.1	3.3	4.3	7.6	8.7	6.2	5.4	5.2	4.2	3.0	3.7	2.8	1980	39.7	40.2	40.1	40.1	40.1	39.0	41.9	37.6	38.3	39.1	39.2	39.4	40.9
1981		5.6	3.5	2.9										1981		40.0	39.9	40.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.2	.9	.8	1.1	1.2	1.3	1.3	1.3	2.1	1.7	1.2	.9	.6	1977	4.4	4.0	3.7	3.7	3.7	4.1	4.2	3.3	4.4	5.3	5.1	5.1	5.7
1978	1.4	.9	.9	1.1	1.5	1.5	1.4	1.4	2.4	2.2	1.7	1.2	.9	1978	5.5	5.3	5.2	5.0	5.1	5.2	5.0	5.2	5.5	5.8	5.7	6.0	6.5
1979	1.4	1.2	1.1	1.4	1.4	1.6	1.5	1.5	2.3	1.7	1.3	.9	.7	1979	4.1	5.7	5.2	5.2	2.2	4.3	4.5	3.5	3.1	3.8	4.1	3.4	3.6
1980	.9	1.1	.9	.9	1.0	.8	.8	.8	1.3	1.0	.9	.7	.6	1980	3.2	3.7	3.9	3.7	3.6	2.6	2.5	2.6	2.8	3.1	3.0	2.9	3.5
1981		.9	.9	.8										1981		3.2	3.4	3.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.1	1.4	1.9	1.0	.6	.6	1.0	2.0	1.0	.6	.9	.9	1.1	1977	2.5	2.2	3.0	3.1	2.2	2.8	3.4	1.8	3.1	2.9	2.6	1.6	1.2
1978	.9	1.7	1.0	.7	.6	.8	.7	1.7	1.0	.6	.9	1.0	.8	1978	2.5	1.9	1.7	2.4	2.4	2.8	2.8	2.1	2.9	3.0	3.1	2.3	2.0
1979	2.0	1.2	1.1	1.0	1.2	1.0	1.4	3.5	3.6	1.9	2.1	3.0	2.7	1979	2.9	2.5	2.5	2.6	2.5	3.3	3.1	1.9	2.5	7.3	3.7	1.4	1.2
1980	3.3	3.3	1.6	2.5	5.9	6.9	4.7	3.8	3.0	2.5	1.3	2.5	1.8	1980	3.0	4.3	2.6	2.6	2.8	2.5	3.2	3.4	3.7	4.0	3.0	2.4	1.9
1981		3.9	1.7	1.4										1981		3.4	3.5	3.6									
SIC 3462—IRON AND STEEL FORGINGS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.5	1.0	1.0	1.3	1.0	1.5	2.4	1.3	2.0	2.0	1.9	1.2	1.0
1977	49.3	50.7	48.6	48.6	48.7	48.4	49.2	48.8	48.2	49.5	49.8	50.3	50.4	1978	2.0	1.3	1.2	1.8	1.8	2.4	2.2	1.5	2.7	2.8	2.8	1.9	1.4
1978	51.6	50.1	49.8	49.4	50.2	50.2	47.8	47.7	52.1	54.4	55.0	56.1	56.8	1979	2.0	2.1	2.0	2.2	2.1	2.7	2.7	1.5	2.3	2.0	1.9	1.0	.8
1979	56.0	57.0	57.3	58.0	58.3	58.2	57.8	55.6	53.8	55.8	55.0	53.5	52.1	1980	1.3	1.7	1.6	1.2	1.5	1.0	1.4	1.4	1.1	2.1	1.3	1.0	.7
1980	45.6	50.6	49.8	49.4	48.7	45.6	45.6	42.8	42.0	42.4	42.5	43.6	44.0	1981		1.3	1.7	2.0									
1981		44.2	44.9	45.1																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	3.6	3.6	3.5	3.5	3.5	3.6	3.7	3.7	3.6	3.6	3.7	3.7	3.7	1977	.9	.7	2.0	1.7	1.0	1.1	.9	.5	.9	.8	.6	.3	.1
1978	4.0	3.7	3.7	3.7	3.8	3.9	3.6	3.7	4.1	4.2	4.5	4.4	4.5	1978	.3	.6	.4	.5	.4	.2	.5	.5	.2	.1	.2	.1	.3
1979	4.6	4.5	4.6	4.7	4.7	4.7	4.7	4.5	4.5	4.5	4.5	4.4	4.4	1979	.8	.2	.2	.2	.2	.4	.3	.3	.2	5.2	1.5	.3	.3
1980	4.2	4.1	4.2	4.3	4.3	4.1	4.3	4.2	4.2	4.2	4.2	4.3	4.3	1980	1.5	2.5	.7	1.3	1.2	1.3	1.7	1.8	2.1	1.8	1.4	1.2	1.1
1981		4.3	4.3	4.3										1981		1.8	1.6	1.6									

See footnotes at end of tables.

SIC 3462
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3462—IRON AND STEEL FORGINGS (Con.)														SIC 3465—AUTOMOTIVE STAMPINGS (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.3	3.7	2.1	2.1	1.9	1.8	2.0	2.5	3.1	2.7	2.0	1.7	1.8	1977	43.2	41.1	40.2	41.9	42.4	43.7	46.2	43.8	42.8	43.5	43.6	43.2	45.1
1978	2.0	2.0	1.9	2.0	2.0	2.0	2.2	2.4	2.8	2.5	2.0	1.5	1.4	1978	43.2	41.4	41.0	42.6	44.0	43.5	43.5	43.1	42.5	43.1	42.6	43.4	46.8
1979	3.1	2.3	1.9	1.9	1.9	2.3	2.4	5.2	6.3	4.3	2.6	2.7	3.8	1979	40.8	42.1	42.0	42.2	36.2	42.1	41.5	41.5	40.7	39.6	39.9	38.7	42.5
1980	3.6	3.2	2.9	3.6	4.4	7.1	4.2	3.2	4.2	4.1	2.7	2.2	1.7	1980	40.6	39.3	39.3	40.6	39.4	39.2	39.9	39.7	40.5	40.8	42.3	41.9	43.8
1981		2.9	2.8	2.2										1981		41.2	40.4	42.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.6	.4	.7	.7	.8	.9	.8	1.5	1.1	.7	.5	.4	1977	6.0	5.1	3.8	5.4	6.1	6.3	7.5	6.9	5.6	6.5	6.9	6.3	5.9
1978	1.0	.7	.6	.8	1.0	.8	1.0	1.0	1.7	1.6	.9	.9	.5	1978	5.5	5.4	3.4	5.1	6.6	6.2	5.6	5.3	4.7	5.9	5.9	6.3	5.3
1979	1.0	.8	.8	.9	1.0	1.0	1.2	1.0	1.8	1.3	.8	.5	.4	1979	3.9	5.5	5.2	5.6	2.3	5.6	4.8	4.3	3.1	2.9	3.1	1.8	1.9
1980	.8	.7	.6	.7	.6	.5	.6	.7	1.1	1.3	1.0	.9	.7	1980	3.0	2.1	2.1	3.0	2.3	1.5	1.7	3.3	2.9	3.9	4.3	4.4	4.4
1981		.9	1.0	.6										1981		3.6	3.7	4.7									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	2.4	1.0	.6	.5	.3	.5	.8	.4	.4	.5	.5	1.0	1977	3.3	3.1	3.1	3.9	2.9	4.3	3.7	3.5	6.3	3.7	3.6	1.6	.8
1978	.3	.6	.6	.5	.3	.4	.4	.6	.3	.1	.1	.1	.3	1978	3.0	2.8	2.5	2.6	4.1	3.3	2.9	3.5	4.9	3.9	2.8	2.0	1.3
1979	1.4	.5	.4	.3	.2	.4	.3	3.4	3.8	2.4	1.0	1.5	2.8	1979	3.2	2.5	2.2	2.5	2.6	4.2	3.2	3.6	7.0	3.8	4.2	1.8	1.3
1980	2.1	1.7	1.5	2.0	3.2	5.9	3.0	1.6	2.2	2.1	1.1	.8	.5	1980	5.4	5.5	4.3	5.0	3.3	3.9	8.4	7.4	7.3	9.1	5.5	4.0	2.0
1981		1.2	.6	.8										1981		2.2	4.3	10.9									
SIC 3465—AUTOMOTIVE STAMPINGS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.7	.8	.7	1.8	1.6	2.8	2.7	2.1	2.5	2.4	2.2	.8	.2
1977	110.7	104.4	105.3	106.2	107.5	110.3	111.7	106.8	107.4	114.4	117.4	118.2	118.8	1978	1.4	.8	.5	.8	1.6	1.6	1.6	1.2	2.1	2.6	1.8	1.0	.6
1978	118.3	115.2	113.2	113.8	117.0	119.4	118.7	111.9	111.3	122.2	124.4	125.6	126.6	1979	1.0	1.2	1.0	1.5	.9	2.1	1.3	.5	1.3	.7	1.0	.2	.2
1979	117.6	124.0	122.7	121.9	120.5	123.4	122.9	111.3	106.7	116.0	116.2	113.3	112.1	1980	.5	.4	.3	.2	.2	.1	.3	.2	.7	1.1	.6	1.1	.5
1980	94.3	94.8	101.6	107.7	97.7	91.2	93.4	77.0	83.3	91.7	96.3	99.6	97.0	1981		.7	.2	1.1									
1981		90.2	87.5	92.7																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	13.9	12.4	12.5	12.6	12.9	13.5	13.9	13.6	13.8	14.9	15.4	15.4	15.4	1977	.5	.9	.5	.4	.4	.4	.3	.7	1.1	.4	.5	.3	.2
1978	15.4	14.8	14.0	14.3	15.1	15.3	15.3	14.7	14.6	16.2	16.8	16.8	16.8	1978	.6	1.1	1.1	.8	1.1	.5	.3	.9	.3	.4	.6	.4	.3
1979	15.7	16.3	16.1	16.0	15.9	16.4	16.6	15.4	14.6	15.7	15.5	15.3	14.6	1979	1.2	.5	.5	.5	1.2	.7	.9	2.0	2.7	1.2	2.4	1.0	.5
1980	12.4	12.9	13.1	13.5	12.5	11.0	10.2	9.8	11.4	12.7	13.9	14.4	13.8	1980	3.2	3.5	1.8	2.4	2.3	2.2	4.7	6.0	4.1	6.0	3.6	1.7	.9
1981		12.6	11.9	12.5										1981		.8	2.3	6.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	93.4	87.9	88.7	89.5	90.5	93.4	94.4	89.1	89.7	96.5	99.5	100.9	101.1	1977	2.8	2.1	4.4	2.4	1.8	2.0	2.5	4.6	3.6	3.4	2.2	2.1	2.7
1978	99.7	97.6	95.4	95.6	99.3	101.0	100.0	93.1	92.4	102.9	105.3	106.5	107.0	1978	3.1	4.5	2.6	2.4	2.5	2.7	2.4	4.6	3.7	3.1	3.3	2.8	2.5
1979	98.2	104.3	103.7	102.6	101.6	104.1	103.5	91.7	86.9	96.6	97.2	93.5	92.3	1979	4.8	3.1	2.6	2.9	3.7	3.1	3.9	7.8	8.5	4.8	5.5	6.9	6.1
1980	75.8	74.6	82.6	88.3	78.8	72.6	75.2	59.7	66.1	73.5	77.9	81.5	79.2	1980	6.8	8.2	3.5	5.6	12.0	12.2	9.2	8.7	6.7	4.5	3.0	5.3	3.6
1981		73.4	71.0	76.4										1981		9.9	5.0	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	351.65	323.87	309.54	332.69	337.93	351.35	379.76	357.41	344.54	358.01	370.16	365.90	377.94	1977	.8	.6	.5	.7	.8	.9	.9	.8	1.3	1.2	.7	.6	.4
1978	380.16	345.28	335.79	369.77	386.32	380.63	380.19	376.69	368.90	384.88	385.53	400.15	434.77	1978	.9	.6	.6	.6	1.1	.9	.9	1.0	1.2	1.3	1.0	.8	.5
1979	383.52	390.27	387.24	397.10	335.57	399.53	399.23	392.18	379.32	367.09	371.07	361.85	416.93	1979	.8	.7	.6	.8	.8	.9	.8	1.0	1.2	.9	.8	.5	.4
1980	422.65	375.71	384.35	409.25	397.15	389.26	412.97	423.60	421.20	435.74	464.45	461.32	492.31	1980	.5	.5	.5	.5	.6	.3	.4	.3	.7	.7	.6	.6	.4
1981		465.15	456.92	493.43										1981		.6	.8	.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	8.14	7.88	7.70	7.94	7.97	8.04	8.22	8.16	8.05	8.23	8.49	8.47	8.38	1977	1.2	.9	2.9	1.0	.3	.3	.7	2.7	1.5	.8	.9	1.0	1.5
1978	8.80	8.34	8.19	8.68	8.78	8.75	8.74	8.74	8.68	8.93	9.05	9.22	9.29	1978	1.5	3.1	1.5	1.1	.7	1.0	.7	2.9	1.9	.9	1.3	1.3	1.3
1979	9.40	9.27	9.22	9.41	9.27	9.49	9.62	9.45	9.32	9.27	9.30	9.35	9.81	1979	3.3	1.9	1.4	1.5	2.2	1.3	2.5	6.0	6.7	2.9	3.9	5.8	5.1
1980	10.41	9.56	9.78	10.08	10.08	9.93	10.35	10.67	10.40	10.68	10.98	11.01	11.24	1980	5.6	7.1	2.5	4.3	10.8	11.1	7.9	7.6	5.0	3.3	1.6	4.3	3.0
1981		11.29	11.31	11.61										1981		8.4	3.2	2.1									

See footnotes at end of tables.

MANUFACTURING

SIC 347

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3469—METAL STAMPINGS, NEC														SIC 3469—METAL STAMPINGS, NEC (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	120.4	116.6	117.8	120.2	120.6	119.4	120.5	118.5	121.1	120.6	122.7	123.1	124.2	1977	2.9	2.5	2.7	3.0	2.9	3.5	3.4	2.8	4.0	3.4	3.0	2.3	1.7
1978	123.4	124.6	125.2	126.2	125.7	126.2	124.8	120.5	121.7	122.0	122.1	121.4	120.5	1978	3.4	2.3	2.4	2.3	3.0	4.1	4.1	3.4	5.1	4.6	4.4	2.8	1.8
1979	119.3	120.5	118.9	118.7	118.4	119.6	121.3	118.5	120.4	119.2	119.5	118.5	118.1	1979	3.5	3.6	3.3	3.5	3.7	4.7	4.5	3.4	4.3	3.6	3.1	2.2	1.6
1980	110.3	117.4	116.8	116.7	115.5	110.5	106.6	103.3	106.3	106.6	107.3	108.3	108.1	1980	2.0	3.0	2.5	2.5	2.2	1.7	1.4	1.7	2.3	2.3	2.0	1.5	1.1
1981		107.8	108.4	108.2										1981		1.7	2.0	1.8									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	35.1	34.2	34.2	35.1	35.5	35.1	34.7	34.1	34.8	35.6	36.1	36.2	36.1	1977	.8	1.0	.8	.7	.7	.8	.8	1.8	.8	.7	.4	.5	.2
1978	36.3	35.9	36.2	36.7	36.9	37.5	37.1	35.1	35.6	36.2	36.4	36.0	35.5	1978	.5	.6	.6	.5	.7	.6	.4	.9	.6	.5	.3	.3	.5
1979	35.4	35.7	35.9	36.0	35.6	35.2	35.7	34.7	35.5	34.9	35.5	35.0	34.8	1979	.5	.7	.4	.4	.5	.6	.5	1.0	.7	.4	.5	.3	.4
1980	32.8	34.8	34.5	34.5	34.0	31.9	31.3	30.3	32.1	32.5	32.6	32.8	32.6	1980	1.2	.7	.7	1.6	.5	.8	1.3	2.1	2.5	1.9	1.5	.8	.6
1981		32.5	32.8	32.7										1981		1.4	1.2	1.3									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	94.2	90.8	91.8	94.0	94.5	93.4	94.0	92.3	94.6	94.4	96.6	96.7	97.7	1977	3.7	3.3	3.1	3.8	3.6	3.9	4.1	4.8	4.8	3.8	3.8	3.1	2.3
1978	97.0	98.1	98.3	99.1	98.7	99.2	98.1	93.8	95.3	96.0	96.4	95.7	95.0	1978	3.8	3.1	2.7	3.2	3.6	4.1	3.7	3.9	5.4	5.3	4.6	3.7	2.6
1979	93.5	94.7	92.7	92.2	92.1	94.2	95.5	93.2	94.5	93.4	93.8	93.3	92.7	1979	4.1	3.7	3.6	4.1	4.0	4.6	4.3	4.9	5.9	4.6	3.9	3.6	2.5
1980	85.2	92.3	91.7	91.7	90.3	85.5	81.8	78.4	80.0	82.1	82.6	83.1	83.2	1980	4.2	3.8	3.3	3.7	6.0	7.0	4.7	4.3	4.8	3.9	3.1	2.9	2.6
1981		82.5	83.3	83.4										1981		3.4	2.7	3.0									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	213.99	209.48	211.17	208.52	206.19	209.72	212.26	205.11	212.00	219.78	220.17	222.73	227.27	1977	1.8	1.3	1.4	1.6	1.8	2.0	1.8	2.0	3.2	2.5	2.0	1.4	1.0
1978	228.58	215.67	219.75	224.81	226.03	226.40	229.45	222.78	227.93	235.34	237.56	238.88	240.86	1978	2.1	1.3	1.3	1.8	2.0	2.3	2.0	2.0	3.7	3.4	2.7	1.8	1.4
1979	246.63	239.61	242.84	247.21	228.34	243.19	246.19	238.80	246.84	250.31	255.64	257.71	264.39	1979	2.2	1.9	1.8	2.3	2.2	2.6	2.4	2.3	3.6	2.7	1.9	1.5	1.1
1980	265.72	256.14	257.99	260.65	258.40	257.54	258.07	252.50	264.27	272.30	278.94	284.00	291.07	1980	1.3	1.7	1.5	1.5	1.5	1.4	1.2	1.3	1.9	1.3	1.1	.8	.8
1981		279.90	280.59	285.22										1981		1.1	1.0	1.3									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.31	5.29	5.24	5.20	5.22	5.23	5.28	5.30	5.30	5.40	5.37	5.38	5.45	1977	1.1	1.4	1.0	1.3	.9	1.0	1.3	1.9	.8	.4	1.0	1.1	.8
1978	5.63	5.46	5.48	5.51	5.54	5.59	5.61	5.64	5.67	5.74	5.78	5.77	5.79	1978	.7	.9	.6	.5	.7	.7	.8	1.0	.5	.5	.8	1.0	.5
1979	6.03	5.83	5.88	5.90	5.84	5.99	5.99	6.00	6.05	6.12	6.16	6.24	6.31	1979	.9	.8	1.0	.8	.8	.9	.8	1.4	1.1	.8	1.0	1.3	.7
1980	6.61	6.34	6.37	6.42	6.46	6.52	6.55	6.61	6.64	6.74	6.82	6.91	6.98	1980	2.0	1.1	.9	1.3	3.4	4.3	2.7	2.2	2.0	1.8	1.1	1.6	1.3
1981		6.98	7.05	7.06										1981		1.5	1.0	1.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 347—METAL SERVICES, NEC													
1977	40.3	39.6	40.3	40.1	39.5	40.1	40.2	38.7	40.0	40.7	41.0	41.4	41.7	ALL EMPLOYEES—IN THOUSANDS													
1978	40.6	39.5	40.1	40.8	40.8	40.5	40.9	39.5	40.2	41.0	41.1	41.4	41.6	1977	95.1	91.6	91.8	92.9	93.4	95.1	95.7	94.4	95.7	96.0	97.8	98.9	98.4
1979	40.9	41.1	41.3	41.9	39.1	40.6	41.1	39.8	40.8	40.9	41.5	41.3	41.9	1978	103.1	98.7	100.0	101.4	102.0	102.6	104.3	102.2	103.3	104.3	105.8	106.2	106.6
1980	40.2	40.4	40.5	40.6	40.0	39.5	39.4	38.2	39.8	40.4	40.9	41.1	41.7	1979	106.7	106.2	107.1	107.6	107.9	107.9	108.7	106.0	105.9	105.7	105.7	106.1	105.4
1981		40.1	39.8	40.4										1980	101.8	104.4	104.1	104.9	104.4	101.6	99.7	97.0	99.7	100.4	101.3	102.2	102.4
														1981		100.8	101.4	102.0									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.1	3.3	3.0	2.9	2.7	2.7	2.9	2.5	2.8	3.5	3.3	3.4	3.8	1977	23.3	22.3	22.4	22.7	23.0	23.4	23.4	22.6	23.1	23.7	23.9	24.6	24.5
1978	3.5	3.2	3.6	3.6	3.5	3.4	3.6	3.2	3.3	3.7	3.7	3.7	3.8	1978	25.7	24.6	24.7	25.1	25.6	25.7	26.6	25.1	25.8	25.8	26.3	26.6	26.4
1979	3.5	3.5	3.7	3.9	2.0	3.4	3.6	3.0	3.4	3.7	3.7	3.8	3.7	1979	26.0	26.2	26.0	26.4	26.4	26.4	26.6	25.5	25.3	25.8	25.8	25.8	25.6
1980	2.8	3.1	3.2	3.3	2.8	2.4	2.4	2.1	2.4	2.7	2.9	2.9	3.2	1980	24.4	25.3	25.2	25.2	25.2	24.4	23.8	22.9	23.6	24.0	24.4	24.3	24.1
1981		2.4	2.5	2.6										1981		23.9	23.6	24.1									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.8	3.7	3.6	3.9	3.7	4.5	4.3	5.0	4.9	4.2	3.6	2.9	2.0	1977	77.9	74.2	74.4	75.6	76.0	77.5	77.8	77.8	79.1	79.4	80.5	81.5	80.7
1978	4.1	3.0	3.1	3.0	3.9	4.9	4.7	4.5	5.9	5.2	4.9	3.2	2.4	1978	85.0	81.3	82.3	83.6	84.2	84.7	86.4	84.0	85.0	85.6	87.2	87.5	87.9
1979	4.1	4.4	3.8	4.0	4.3	5.4	5.3	4.6	5.3	4.1	3.8	2.6	2.1	1979	87.2	87.2	87.8	88.1	88.3	88.1	89.2	86.6	86.7	86.2	86.2	86.6	85.7
1980	3.4	3.9	3.3	4.3	2.8	2.6	2.8	3.9	5.0	4.4	3.7	2.4	1.8	1980	82.1	84.7	84.5	85.3	84.7	81.8	80.1	77.7	80.2	80.7	81.5	82.2	82.2
1981		3.4	3.3	3.3										1981		81.0	81.4	82.0									

See footnotes at end of tables.

SIC 347

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 347—METAL SERVICES, NEC (Con.)														SIC 347—METAL SERVICES, NEC (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	198.86	188.81	193.92	195.21	194.97	197.07	201.23	196.49	200.20	203.09	202.78	204.91	203.94	1977	2.9	2.1	2.5	2.5	3.2	3.0	3.2	2.8	4.2	4.1	3.1	2.6	1.9
1978	207.66	197.90	200.38	203.92	206.35	205.23	208.49	205.60	207.14	210.37	212.34	213.96	218.24	1978	3.5	2.3	2.1	3.1	3.2	3.4	3.8	3.9	5.4	4.8	4.2	3.0	2.2
1979	223.82	216.28	219.37	223.17	211.53	219.89	223.58	220.95	223.04	226.80	230.20	231.01	235.18	1979	3.2	2.9	2.5	3.0	3.4	3.4	3.5	3.3	4.5	3.9	3.4	3.0	1.7
1980	243.60	230.84	234.37	239.09	236.96	239.19	239.79	241.20	247.46	249.69	250.08	253.79	263.13	1980	2.2	2.8	2.4	2.5	2.3	2.5	2.2	2.0	2.5	2.3	2.0	1.6	1.3
1981		257.86	260.48	263.40										1981		1.6	1.6	1.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.91	4.78	4.80	4.82	4.85	4.89	4.92	4.90	4.98	4.99	4.97	5.01	4.95	1977	1.2	1.5	2.2	1.1	.6	.8	.8	1.1	1.1	.8	1.2	1.3	2.1
1978	5.14	5.01	5.06	5.06	5.07	5.08	5.11	5.14	5.14	5.22	5.23	5.27	5.31	1978	1.0	1.5	1.0	1.3	.8	.9	.7	1.0	.6	.3	1.3	1.0	1.3
1979	5.54	5.38	5.39	5.43	5.41	5.47	5.48	5.51	5.59	5.67	5.67	5.69	5.75	1979	1.2	1.3	1.6	1.0	1.0	1.0	.6	1.6	.9	.6	.9	2.0	2.4
1980	6.00	5.80	5.83	5.86	5.88	5.95	5.95	6.03	6.08	6.09	6.07	6.16	6.31	1980	2.2	1.6	1.1	1.3	2.8	4.4	2.6	3.3	1.7	1.4	2.1	1.6	2.4
1981		6.32	6.40	6.44										1981		1.8	1.5	2.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3471—PLATING AND POLISHING													
1977	40.5	39.5	40.4	40.5	40.2	40.3	40.9	40.1	40.2	40.7	40.8	40.9	41.2	ALL EMPLOYEES—IN THOUSANDS													
1978	40.4	39.5	39.6	40.3	40.7	40.4	40.8	40.0	40.3	40.3	40.6	40.6	41.1	1977	65.3	63.1	63.2	64.0	64.2	65.0	65.9	64.7	65.5	65.6	66.9	67.8	67.9
1979	40.4	40.2	40.7	41.1	39.1	40.2	40.8	40.1	39.9	40.0	40.6	40.6	40.9	1978	70.8	67.8	68.9	69.5	69.8	70.5	71.7	69.9	70.9	71.2	72.5	73.1	73.3
1980	40.6	39.8	40.2	40.8	40.3	40.2	40.3	40.0	40.7	41.0	41.2	41.2	41.7	1979	73.1	73.1	73.3	73.6	74.2	74.4	74.6	72.3	72.3	72.1	72.4	73.0	72.4
1981		40.8	40.7	40.9										1980	69.4	71.8	71.3	71.8	71.1	69.4	68.0	66.0	67.5	68.3	68.7	69.2	69.8
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		68.4	68.7	69.2									
1977	3.7	3.3	3.6	3.5	3.3	3.6	3.8	3.4	3.6	4.1	4.1	3.9	4.2	WOMEN EMPLOYEES—IN THOUSANDS													
1978	3.9	3.6	3.8	3.9	3.9	3.8	4.1	3.7	3.7	4.0	4.0	3.9	4.2	1977	17.2	16.3	16.5	16.7	17.0	17.3	17.4	16.7	17.1	17.5	17.5	18.0	17.8
1979	3.6	3.5	3.7	3.8	2.8	3.6	3.7	3.3	3.6	3.7	3.8	3.8	3.9	1978	18.2	17.8	17.9	17.9	18.2	18.2	19.0	17.6	18.2	18.1	18.5	18.7	18.5
1980	3.0	3.3	3.5	3.8	3.4	3.2	3.1	3.0	2.3	2.6	2.3	2.3	2.9	1979	18.0	18.1	18.0	18.3	18.2	18.3	18.3	17.5	17.6	17.9	18.0	18.0	17.8
1981		2.4	2.5	2.6										1980	17.0	17.6	17.4	17.5	17.3	17.0	16.8	15.9	16.5	16.8	17.1	17.1	17.1
														1981		16.9	16.8	17.1									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.7	5.9	6.0	6.3	5.3	6.2	6.8	5.4	6.7	6.0	5.9	4.8	3.0	1977	54.3	52.0	52.2	53.1	53.3	54.2	54.9	53.8	54.6	54.8	55.6	56.5	56.4
1978	6.2	5.1	4.6	5.9	6.3	6.6	7.2	6.8	7.9	8.4	7.7	4.8	3.2	1978	59.1	56.5	57.5	58.1	58.4	59.0	60.1	58.3	59.1	59.3	60.6	61.1	61.3
1979	5.8	5.9	4.9	5.3	6.0	6.3	7.6	5.9	6.6	6.1	6.4	4.5	3.7	1979	60.5	60.7	60.8	60.9	61.5	61.6	61.8	59.7	59.9	59.5	59.7	60.3	59.5
1980	4.5	5.3	4.9	5.0	4.5	4.6	4.3	4.4	5.5	5.4	4.7	3.4	2.1	1980	56.6	58.8	58.4	58.8	58.1	56.4	55.2	53.5	54.8	55.5	55.9	56.4	56.9
1981		4.0	4.1	4.4										1981		55.7	55.9	56.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.7	4.5	4.0	4.6	4.3	5.4	6.1	4.8	5.4	5.3	5.1	4.2	2.5	1977	186.06	176.61	181.60	181.55	181.03	183.14	187.05	181.37	185.72	189.34	191.29	192.78	195.23
1978	5.3	3.7	3.7	5.2	5.0	5.7	6.3	5.8	6.8	7.5	7.0	4.2	2.4	1978	199.39	190.39	190.61	196.18	198.13	197.96	201.14	196.91	197.60	202.61	203.52	205.23	210.23
1979	4.8	4.8	4.2	4.1	4.7	5.0	6.7	4.9	5.5	5.5	5.7	3.8	2.7	1979	215.20	207.36	210.77	217.01	205.00	212.40	215.61	212.51	213.94	217.25	221.35	222.31	228.48
1980	3.2	3.8	4.0	4.2	3.2	3.0	2.6	3.0	3.0	3.6	3.7	2.4	1.6	1980	233.44	224.19	228.97	231.09	229.25	230.10	227.94	226.94	235.03	237.41	239.19	242.20	253.53
1981		2.4	2.9	3.3										1981		247.95	252.97	255.04									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.8	1.3	1.9	1.5	1.0	.5	.5	.4	.7	.4	.4	.4	.3	1977	4.64	4.54	4.54	4.55	4.56	4.59	4.63	4.58	4.69	4.71	4.70	4.76	4.75
1978	.7	1.3	.8	.6	1.2	.7	.7	.6	.8	.7	.5	.4	.6	1978	4.96	4.82	4.85	4.88	4.88	4.90	4.93	4.96	4.94	5.04	5.05	5.08	5.14
1979	.8	1.0	.6	1.0	1.0	1.2	.8	.8	.8	.4	.4	.4	.9	1979	5.38	5.21	5.23	5.28	5.27	5.31	5.35	5.38	5.43	5.50	5.52	5.53	5.60
1980	1.2	1.2	.7	.6	1.2	1.4	1.5	1.3	2.3	1.6	.9	.9	.4	1980	5.88	5.69	5.71	5.72	5.76	5.84	5.80	5.91	5.95	5.98	5.95	6.04	6.26
1981		1.4	1.1	.8										1981		6.23	6.34	6.36									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.4	4.7	5.9	4.8	5.1	5.2	5.5	5.8	6.9	6.3	5.3	4.9	5.0	1977	40.1	38.9	40.0	39.9	39.7	39.9	40.4	39.6	39.6	40.2	40.7	40.5	41.1
1978	5.9	4.7	4.1	5.8	5.4	5.7	6.2	6.6	7.9	6.9	7.1	5.5	4.4	1978	40.2	39.5	39.3	40.2	40.6	40.4	40.8	39.7	40.0	40.2	40.3	40.4	40.9
1979	5.8	5.6	5.4	5.4	6.0	5.8	6.1	6.4	6.6	5.7	5.7	6.3	5.1	1979	40.0	39.8	40.3	41.1	39.8	40.0	40.3	39.5	39.4	39.5	40.1	40.2	40.8
1980	5.4	5.4	4.9	5.1	6.2	8.2	5.7	6.5	5.4	4.7	4.9	4.0	4.5	1980	39.7	39.4	40.1	40.4	39.8	39.4	39.3	38.4	39.5	39.7	40.2	40.1	40.5
1981		4.4	3.9	4.8										1981		39.8	39.9	40.1									

See footnotes at end of tables.

MANUFACTURING

SIC 348

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3471—PLATING AND POLISHING (Con.)														SIC 348—ORDNANCE AND ACCESSORIES, NEC													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	3.7	3.3	3.8	3.6	3.4	3.7	3.8	3.4	3.6	4.0	4.1	4.0	4.2	1977	58.1	56.8	56.8	57.1	57.7	58.0	58.9	59.1	59.0	58.9	58.1	58.8	58.3
1978	3.7	3.5	3.5	3.8	3.8	3.8	4.0	3.4	3.4	3.8	3.7	3.7	3.9	1978	61.4	58.9	59.2	59.5	60.0	60.6	61.8	62.3	62.6	62.4	62.6	62.9	63.6
1979	3.3	3.2	3.5	3.7	2.7	3.5	3.3	3.0	3.2	3.2	3.3	3.3	3.5	1979	63.7	63.8	64.2	64.4	64.5	64.3	64.9	64.3	63.1	62.7	62.6	62.9	62.6
1980	3.1	3.0	3.2	3.5	3.1	3.0	2.8	2.6	3.0	3.3	3.1	3.0	3.5	1980	60.6	62.5	62.2	61.5	61.3	61.3	61.4	59.3	59.6	59.3	59.3	59.7	59.6
1981		3.0	3.0	3.0										1981		59.7	59.6	59.8									
SIC 3479—METAL COATING AND ALLIED SERVICES														WOMEN EMPLOYEES—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														1977	15.4	14.7	14.6	14.8	15.1	15.2	15.7	15.4	15.7	15.7	15.6	16.0	16.1
1977	29.8	28.5	28.6	28.9	29.2	30.1	29.8	29.7	30.2	30.4	30.9	31.1	30.5	1978	16.8	16.0	16.0	16.2	16.3	16.6	16.8	17.0	17.2	17.0	17.1	17.4	17.6
1978	32.4	30.9	31.1	31.9	32.2	32.1	32.6	32.3	32.4	33.1	33.3	33.1	33.3	1979	18.0	17.7	17.9	18.0	18.2	18.3	18.5	18.5	18.0	17.8	17.7	17.8	17.7
1979	33.5	33.1	33.8	34.0	33.7	33.5	34.1	33.7	33.6	33.6	33.3	33.1	33.0	1980	17.2	17.8	17.6	17.4	17.4	17.2	17.3	17.1	16.9	16.8	16.9	17.3	
1980	32.4	32.6	32.8	33.1	33.3	32.2	31.7	31.0	32.2	32.1	32.6	33.0	32.6	1981		17.3	17.2	17.2									
1981		32.4	32.7	32.8										PRODUCTION WORKERS—IN THOUSANDS													
WOMEN EMPLOYEES—IN THOUSANDS														1977	40.8	39.6	39.5	39.9	40.6	40.7	41.7	41.8	41.6	41.4	40.6	41.2	40.7
1977	6.2	6.0	5.9	6.0	6.0	6.1	6.0	5.9	6.0	6.2	6.4	6.6	6.7	1978	42.8	41.2	41.4	41.5	41.9	42.1	43.1	43.6	43.9	43.6	43.6	43.8	44.1
1978	7.5	6.8	6.8	7.2	7.4	7.5	7.6	7.5	7.6	7.7	7.8	7.9	7.9	1979	43.8	44.5	44.7	44.8	44.7	44.6	45.0	44.3	42.9	42.5	42.4	42.4	42.3
1979	8.0	8.1	8.0	8.1	8.2	8.1	8.3	8.0	7.7	7.9	7.8	7.8	7.8	1980	40.4	42.1	41.8	41.2	41.3	40.9	40.9	39.3	39.4	39.4	39.3	39.7	39.8
1980	7.4	7.7	7.8	7.7	7.9	7.4	7.0	7.0	7.1	7.2	7.3	7.2	7.0	1981		39.6	39.0	39.1									
1981		7.0	6.8	7.0										PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
PRODUCTION WORKERS—IN THOUSANDS														1977	231.09	221.54	224.13	226.32	229.36	230.45	229.63	226.80	230.75	233.62	236.64	236.34	247.63
1977	23.6	22.2	22.2	22.5	22.7	23.3	22.9	24.0	24.5	24.6	24.9	25.0	24.3	1978	249.48	233.25	231.86	248.17	245.78	244.61	251.94	247.42	251.07	256.63	255.50	256.24	264.86
1978	25.9	24.8	24.8	25.5	25.8	25.7	26.3	25.7	25.9	26.3	26.6	26.4	26.6	1979	274.18	261.39	263.49	266.56	261.49	266.09	268.77	267.60	277.30	285.66	286.34	292.16	296.94
1979	26.7	26.5	27.0	27.2	26.8	26.5	27.4	26.9	26.8	26.7	26.5	26.3	26.2	1980	305.78	293.34	295.90	298.69	301.60	299.62	303.73	295.32	305.42	315.29	316.93	320.12	323.70
1980	25.6	25.9	26.1	26.5	26.6	25.4	24.9	24.2	25.4	25.2	25.6	25.8	25.3	1981		323.79	325.51	327.18									
1981		25.3	25.5	25.6										PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	5.65	5.47	5.44	5.48	5.54	5.58	5.56	5.67	5.74	5.74	5.80	5.85	5.91
1977	228.11	216.93	223.02	226.68	227.56	229.48	234.92	229.34	231.99	233.10	229.34	232.41	224.93	1978	6.16	5.92	5.93	5.98	5.98	6.01	6.13	6.17	6.23	6.29	6.34	6.39	6.46
1978	226.29	214.88	222.46	220.58	224.68	222.35	225.62	224.52	228.93	228.17	232.37	233.86	236.97	1979	6.72	6.47	6.49	6.47	6.57	6.57	6.62	6.69	6.83	6.90	6.95	7.04	7.07
1979	241.84	237.72	237.80	237.31	226.12	237.86	241.34	239.13	242.54	247.83	250.20	251.26	251.32	1980	7.44	7.12	7.13	7.18	7.25	7.29	7.39	7.42	7.56	7.69	7.73	7.77	7.80
1980	265.20	244.82	247.05	256.46	253.78	258.52	265.63	272.31	274.96	277.20	273.66	278.84	284.60	1981		7.84	7.92	7.98									
1981		279.07	277.75	280.50										PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	40.9	40.5	41.2	41.3	41.4	41.3	41.3	40.0	40.2	40.7	40.8	40.4	41.9
1977	5.51	5.33	5.40	5.41	5.51	5.57	5.58	5.59	5.59	5.58	5.56	5.42		1978	40.5	39.4	39.1	41.5	41.1	40.7	41.1	40.1	40.3	40.8	40.3	40.1	41.0
1978	5.56	5.44	5.52	5.46	5.48	5.49	5.53	5.53	5.57	5.62	5.64	5.69	5.71	1979	40.8	40.4	40.6	41.2	39.8	40.5	40.6	40.0	40.6	41.4	41.2	41.5	42.0
1979	5.87	5.77	5.73	5.76	5.71	5.83	5.76	5.79	5.93	6.03	6.00	6.04	6.10	1980	41.1	41.2	41.5	41.6	41.6	41.1	41.1	39.8	40.4	41.0	41.0	41.2	41.5
1980	6.24	6.03	6.10	6.15	6.13	6.17	6.25	6.26	6.35	6.30	6.32	6.41	6.41	1981		41.3	41.1	41.0									
1981		6.49	6.52	6.60										PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1977	2.5	2.8	2.4	2.4	2.5	2.2	2.3	2.4	2.4	2.6	2.6	2.5	3.3
1977	41.4	40.7	41.3	41.9	41.3	41.2	42.1	41.1	41.5	41.7	41.1	41.8	41.5	1978	3.0	2.6	3.4	3.2	3.0	2.6	3.3	2.8	3.2	3.6	2.9	2.7	3.1
1978	40.7	39.5	40.3	40.4	41.0	40.5	40.8	40.6	41.1	40.6	41.2	41.1	41.5	1979	2.7	2.7	2.7	2.6	1.9	2.6	2.7	2.5	2.7	3.2	3.0	3.0	3.2
1979	41.2	41.2	41.5	41.2	39.6	40.8	41.9	41.3	40.9	41.1	41.7	41.6	41.2	1980	2.7	2.7	2.8	2.8	2.5	2.4	2.7	2.3	2.5	2.8	3.1	3.1	3.1
1980	42.5	40.6	40.5	41.7	41.4	41.9	42.5	43.5	43.3	44.0	43.3	43.5	44.4	1981		3.1	3.1	2.9									
1981		43.0	42.6											ACCESSIONS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1977	2.2	2.6	2.5	2.5	2.0	3.0	2.8	1.9	2.1	1.8	2.0	1.8	1.5
1977	3.6	3.2	3.2	3.3	3.0	3.4	3.8	3.5	3.7	4.3	4.1	3.8	4.3	1978	2.4	3.6	2.0	2.0	1.9	2.7	2.9	2.4	3.0	2.6	2.6	1.4	1.3
1978	4.3	3.7	4.4	4.2	4.2	3.8	4.2	4.4	4.4	4.5	4.6	4.5	4.8	1979	2.1	1.7	1.9	1.9	2.1	2.3	2.4	1.9	2.0	2.3	2.7	1.9	1.6
1979	4.3	4.3	4.3	4.1	3.1	3.8	4.6	4.1	4.5	4.9	4.8	4.8	4.7	1980	2.1	2.6	2.1	2.3	2.1	2.2	2.6	1.5	1.7	2.2	2.5	1.7	1.1
1980	2.7	4.1	4.2	4.5	3.9	3.6	3.6	4.0	.7	1.0	.5	.9	1.5	1981		2.4	1.7	2.0									
1981		1.2	1.5	1.8																							

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 348—ORDNANCE AND ACCESSORIES, NEC (Con.)														SIC 3483—AMMUNITION, EXC. FOR SMALL ARMS, NEC (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.4	1.2	1.3	1.3	1.3	1.9	2.0	1.3	1.6	1.3	1.3	1.1	1.1	1977	5.34	5.15	5.11	5.12	5.18	5.34	5.37	5.43	5.42	5.38	5.45	5.53	5.51
1978	1.6	1.2	1.2	1.4	1.4	2.2	2.3	1.6	2.0	2.0	1.9	1.0	.9	1978	5.78	5.57	5.56	5.58	5.59	5.71	5.72	5.73	5.79	5.85	6.00	6.08	6.13
1979	1.6	1.3	1.4	1.6	1.7	1.8	1.8	1.5	1.6	1.8	2.0	1.4	1.1	1979	6.34	6.10	6.13	6.06	6.41	6.34	6.31	6.39	6.40	6.41	6.40	6.58	6.54
1980	1.1	1.4	1.3	1.2	1.2	1.1	1.8	1.0	.9	1.2	1.2	.9	.6	1980	6.83	6.62	6.55	6.57	6.69	6.80	6.91	6.90	6.89	6.96	6.97	7.04	7.06
1981		1.1	.9	1.1										1981		7.04	7.05	7.16									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	.6	1.2	1.1	.8	.5	.8	.5	.5	.3	.4	.5	.3	.2	1977	40.3	40.1	40.4	40.9	41.2	41.0	40.8	38.9	39.2	40.2	40.3	39.5	41.7
1978	.6	2.2	.6	.4	.3	.3	.4	.6	.8	.5	.6	.2	.2	1978	38.9	37.7	38.3	40.1	40.1	39.8	39.7	37.9	38.4	38.6	38.5	38.3	39.8
1979	.3	.2	.4	.2	.3	.3	.5	.3	.3	.3	.4	.2	.3	1979	39.3	39.1	39.4	40.2	38.0	38.5	38.7	38.2	38.9	40.0	39.7	40.6	40.7
1980	.6	.9	.6	.8	.4	.7	.6	.3	.7	.7	.9	.4	.3	1980	40.0	40.0	41.0	40.0	40.2	39.7	39.4	38.2	39.8	40.1	39.7	40.5	40.8
1981		1.1	.6	.6										1981		40.2	39.9	39.4									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.2	2.2	2.3	1.9	2.1	1.8	1.7	2.4	3.0	2.8	2.6	1.5	1.8	1977	1.8	2.0	1.8	1.5	1.1	1.4	1.6	1.6	1.9	2.0	2.0	2.9	
1978	1.8	1.5	1.5	1.7	1.6	1.7	1.6	2.3	2.6	2.5	1.8	1.3	1.2	1978	1.9	2.2	2.8	2.4	2.1	1.8	2.0	1.6	1.5	1.6	1.4	1.9	
1979	1.9	1.9	1.3	2.1	2.0	1.9	2.2	1.5	3.0	1.8	1.8	1.6	1.6	1979	1.8	1.7	1.7	1.7	1.5	1.5	1.4	1.5	2.1	2.2	2.0	2.2	2.1
1980	2.3	3.1	2.9	2.5	2.1	2.3	2.7	1.7	2.6	2.7	1.8	1.6	1.5	1980	1.9	1.7	1.9	1.5	1.5	1.5	1.8	1.4	1.9	2.1	2.3	2.3	2.4
1981		1.9	2.4	1.9										1981		2.4	2.1	1.9									
QUITS PER 100 EMPLOYEES														SIC 349—MISC. FABRICATED METAL PRODUCTS													
1977	.8	.6	.7	.7	.9	.7	.8	.8	1.4	1.1	.7	.6	.4	ALL EMPLOYEES—IN THOUSANDS													
1978	.8	.6	.6	.7	.8	.8	.9	.9	1.3	1.4	1.0	.6	.5	1977	240.8	233.3	232.3	235.4	235.9	238.8	245.0	241.6	243.0	242.9	246.0	247.1	248.6
1979	.9	.7	.6	1.0	.8	1.0	.9	.9	1.7	1.0	.8	.6	.6	1978	253.1	248.6	250.5	251.1	251.6	252.9	256.6	250.7	251.4	253.7	255.3	256.0	259.3
1980	.7	.9	.7	.8	.6	.6	.7	.6	1.0	.9	.6	.5	.3	1979	263.7	260.6	262.7	264.2	264.1	262.8	266.1	260.5	263.1	263.8	265.6	265.7	265.1
1981		.6	.6	.6										1980	255.0	265.1	265.8	266.2	264.0	256.5	251.4	245.5	247.3	249.0	248.4	249.5	250.7
LAYOFFS PER 100 EMPLOYEES														WOMEN EMPLOYEES—IN THOUSANDS													
1977	.8	.9	1.1	.7	.6	.5	.4	1.0	.9	1.0	1.4	.4	.9	1977	52.8	50.4	50.4	51.6	51.7	52.2	53.9	52.7	53.4	53.6	54.1	54.4	54.6
1978	.4	.4	.4	.4	.3	.3	.1	.8	.6	.4	.2	.3	.3	1978	57.3	54.5	55.2	55.8	56.4	56.9	57.6	56.7	57.1	58.3	59.3	59.3	59.9
1979	.5	.5	.2	.5	.6	.4	.8	.2	.8	.3	.5	.5	.5	1979	61.8	59.6	59.9	60.4	61.8	62.2	63.3	61.4	61.3	62.6	63.0	63.1	62.9
1980	1.0	1.3	1.6	1.1	1.0	1.1	1.4	.5	.9	1.2	.6	.5	.7	1980	60.2	63.3	63.0	63.4	62.7	60.4	59.2	57.0	57.3	58.3	58.7	59.3	59.3
1981		.5	1.3	.8										1981		59.2	59.7	60.2									
SIC 3483—AMMUNITION, EXC. FOR SMALL ARMS, NEC														PRODUCTION WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	24.5	23.5	23.2	23.2	23.6	23.9	24.7	25.2	25.1	25.2	24.9	25.5	25.6	1977	176.8	171.4	170.6	172.6	172.9	175.8	180.5	175.7	178.3	177.9	180.7	181.5	183.1
1978	26.8	25.8	26.1	26.2	26.3	26.4	26.8	27.3	27.2	27.1	27.3	27.6	27.8	1978	187.2	183.5	185.1	185.5	186.2	187.5	190.7	184.4	184.8	187.6	189.4	189.3	192.5
1979	27.3	27.9	28.0	28.1	27.9	27.7	27.7	27.2	27.3	26.9	26.6	26.5	26.1	1979	196.1	193.3	195.3	196.5	197.3	195.4	198.0	193.3	195.5	196.3	197.7	197.5	196.8
1980	24.9	25.7	25.2	24.5	24.5	24.4	24.4	24.6	24.8	24.9	25.2	25.4	25.4	1980	187.5	197.4	197.6	197.5	195.4	188.9	184.3	178.4	179.4	182.2	181.9	182.7	183.7
1981		25.4	25.3	25.2										1981		184.7	185.5	187.3									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	17.5	16.9	16.6	16.6	16.9	17.1	17.8	18.2	18.0	18.0	17.6	18.2	18.3	1977	226.70	212.79	220.32	220.73	219.23	223.44	228.78	223.04	225.92	229.39	232.40	237.31	243.02
1978	18.9	18.4	18.6	18.6	18.7	18.5	18.9	19.3	19.2	18.9	19.1	19.3	19.4	1978	246.63	234.99	238.17	242.26	242.35	242.17	246.60	241.80	245.22	249.90	251.94	256.27	264.39
1979	18.9	19.6	19.6	19.5	19.3	19.2	19.2	18.7	18.8	18.5	18.3	18.2	17.9	1979	263.57	258.32	260.38	262.06	262.11	259.90	264.50	260.18	261.63	267.65	268.77	275.47	284.34
1980	17.0	17.6	17.1	16.6	16.7	16.5	16.5	16.8	16.9	17.1	17.3	17.5	17.6	1980	283.41	277.43	277.85	277.70	276.58	278.40	279.70	272.26	282.03	287.36	289.67	296.46	306.36
1981		17.6	17.0	16.8										1981		298.69	298.05	304.84									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	215.20	206.52	206.44	209.41	213.42	218.94	219.10	211.23	212.46	216.28	219.64	218.44	229.77	1977	5.57	5.36	5.40	5.41	5.44	5.49	5.58	5.59	5.62	5.65	5.71	5.76	5.80
1978	224.84	209.99	212.95	223.76	224.16	227.26	227.08	217.17	222.34	225.81	231.00	232.86	243.97	1978	6.03	5.86	5.91	5.88	5.94	5.95	6.00	6.03	6.04	6.11	6.16	6.19	6.28
1979	249.16	238.51	241.52	243.61	243.58	244.09	244.20	244.10	248.96	256.40	254.08	267.15	266.18	1979	6.46	6.27	6.32	6.33	6.24	6.37	6.42	6.44	6.46	6.56	6.62	6.67	6.77
1980	273.20	264.80	268.55	262.80	268.94	269.96	272.25	263.58	274.22	279.10	276.71	285.12	288.05	1980	7.05	6.75	6.81	6.84	6.88	6.96	7.01	7.09	7.14	7.22	7.26	7.32	7.40
1981		283.01	281.30	282.10										1981		7.43	7.47	7.49									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 349—MISC. FABRICATED METAL PRODUCTS (Con.)														SIC 3494—VALVES AND PIPE FITTINGS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	40.7	39.7	40.8	40.8	40.3	40.7	41.0	39.9	40.2	40.6	40.7	41.2	41.9	1977	96.2	93.1	93.6	93.6	93.0	95.4	97.8	97.0	98.1	97.0	97.7	98.6	99.3
1978	40.9	40.1	40.3	41.2	40.8	40.7	41.1	40.1	40.6	40.9	40.9	41.4	42.1	1978	101.0	99.8	99.9	100.2	100.4	100.4	102.3	101.0	100.3	101.1	101.0	101.9	103.9
1979	40.8	41.2	41.2	41.4	38.8	40.8	41.2	40.4	40.5	40.8	40.6	41.3	42.0	1979	105.9	104.6	105.0	106.1	106.5	105.0	105.9	105.1	105.9	106.4	106.5	106.9	106.9
1980	40.2	41.1	40.8	40.6	40.2	40.0	39.9	38.4	39.5	39.8	39.9	40.5	41.4	1980	103.9	107.8	107.8	108.3	107.4	105.0	103.5	101.1	101.0	101.2	100.4	101.0	102.0
1981		40.2	39.9	40.7										1981		102.7	103.3	103.5									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.1	2.7	3.0	2.9	2.9	2.9	3.2	2.8	3.0	3.3	3.2	3.1	3.7	1977	19.4	18.4	18.7	19.0	19.1	19.4	20.1	19.7	20.1	19.6	19.6	19.7	19.8
1978	3.4	3.3	3.5	3.4	3.2	3.1	3.3	3.0	3.2	3.6	3.6	3.7	4.1	1978	20.9	20.0	20.1	20.3	20.5	20.7	20.9	20.9	21.0	21.4	21.3	21.7	22.0
1979	3.2	3.6	3.6	3.5	1.9	3.2	3.5	3.0	3.0	3.4	3.3	3.3	3.6	1979	23.5	22.4	22.5	22.7	23.8	23.8	24.0	23.6	23.7	24.0	23.9	24.1	23.9
1980	2.5	3.0	2.9	2.9	2.5	2.4	2.2	1.9	2.1	2.4	2.4	2.7	3.1	1980	23.0	24.2	24.2	24.6	24.4	23.8	23.2	22.4	21.9	21.8	21.7	22.1	22.2
1981		2.6	2.6	2.8										1981		22.4	22.5	22.8									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.7	3.5	4.3	3.8	3.7	4.2	4.3	4.0	4.4	3.9	3.5	2.6	1.9	1977	64.8	62.8	63.3	63.3	62.0	64.5	66.3	65.3	66.2	65.0	65.5	66.3	67.1
1978	3.8	3.5	3.0	3.4	3.6	4.5	4.4	3.8	4.7	4.6	4.3	3.3	2.5	1978	68.9	68.0	68.0	68.4	68.9	68.9	70.3	68.9	68.1	68.8	68.6	69.2	71.2
1979	3.8	4.4	3.7	3.7	3.7	4.7	4.8	3.8	4.3	4.3	3.8	2.9	2.0	1979	73.5	72.0	72.7	73.3	74.8	73.3	73.8	72.7	73.5	74.0	73.9	73.9	73.7
1980	3.2	3.3	3.3	3.0	2.7	3.0	3.2	3.1	4.1	3.9	3.5	2.9	1.8	1980	71.2	74.2	74.3	75.0	74.2	72.4	71.5	69.0	68.1	68.8	68.1	68.7	69.5
1981		3.4	3.4	3.6										1981		70.4	70.8	71.1									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.8	2.5	2.3	2.9	2.9	3.4	3.6	2.6	3.6	3.2	3.0	2.2	1.5	1977	246.20	228.40	237.54	238.37	236.33	239.95	246.27	240.94	244.50	251.09	255.25	261.01	269.18
1978	3.2	2.8	2.6	2.8	3.0	3.9	3.9	3.0	4.0	3.9	3.8	2.9	2.0	1978	266.48	258.54	262.09	261.84	260.21	261.67	269.66	260.76	263.94	269.19	270.17	278.38	286.18
1979	3.1	3.4	3.1	3.2	3.1	3.9	3.8	2.8	3.7	3.6	3.3	2.3	1.6	1979	280.98	275.64	276.47	279.54	254.92	276.30	279.45	275.40	276.74	286.18	285.22	296.23	306.59
1980	1.9	2.5	2.2	2.2	1.8	1.8	2.0	1.5	2.0	2.3	2.1	1.6	1.1	1980	302.88	295.48	296.23	295.92	294.26	299.47	298.89	291.43	299.41	306.06	311.18	319.35	328.55
1981		1.8	2.1	2.4										1981		320.31	323.16	329.54									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.7	.8	1.8	.8	.7	.6	.5	1.2	.6	.5	.4	.3	.3	1977	5.89	5.71	5.71	5.73	5.75	5.81	5.92	5.92	5.92	5.95	6.02	6.07	6.09
1978	.4	.5	.3	.5	.5	.4	.3	.6	.5	.5	.3	.2	.4	1978	6.36	6.20	6.27	6.19	6.24	6.26	6.33	6.36	6.36	6.44	6.51	6.55	6.64
1979	.5	.8	.4	.3	.5	.5	.8	.9	.4	.5	.3	.4	.3	1979	6.82	6.61	6.63	6.64	6.57	6.69	6.75	6.80	6.85	6.98	7.06	7.07	7.18
1980	1.1	.7	.9	.7	.8	.9	1.1	1.4	2.0	1.4	1.2	1.2	.6	1980	7.46	7.12	7.19	7.20	7.23	7.34	7.38	7.55	7.58	7.69	7.76	7.77	7.86
1981		1.5	1.1	1.0										1981		7.87	7.94	7.96									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.3	4.0	3.3	3.0	3.0	3.0	2.7	3.9	4.7	4.3	3.1	2.6	2.2	1977	41.8	40.0	41.6	41.6	41.1	41.3	41.6	40.7	41.3	42.2	42.4	43.0	44.2
1978	3.6	3.1	2.7	3.2	3.3	3.5	3.3	3.9	4.8	4.5	3.5	3.3	3.4	1978	41.9	41.7	41.8	42.3	41.7	41.8	42.6	41.0	41.5	41.8	41.5	42.5	43.1
1979	3.7	3.1	3.0	3.8	3.7	3.8	3.7	3.9	5.0	3.9	3.7	3.5	2.9	1979	41.2	41.7	41.7	42.1	38.8	41.3	41.4	40.5	40.4	41.0	40.4	41.9	42.7
1980	3.8	3.5	3.2	3.6	4.8	4.9	4.8	4.1	4.1	3.8	3.5	2.6	2.3	1980	40.6	41.5	41.2	41.1	40.7	40.8	40.5	38.6	39.5	39.8	40.1	41.1	41.8
1981		3.4	2.6	2.5										1981		40.7	40.7	41.4									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.7	1.3	1.2	1.7	1.6	1.8	1.8	1.9	2.9	2.6	1.7	1.5	1.0	1977	3.6	2.9	3.4	3.2	3.0	3.2	3.6	3.3	3.3	4.2	3.8	4.1	4.8
1978	2.1	1.4	1.4	1.8	2.0	2.2	2.1	2.1	3.4	3.1	2.3	1.9	1.4	1978	3.9	4.2	4.4	3.8	3.5	3.6	3.9	3.4	3.4	3.7	3.7	4.1	4.7
1979	2.1	1.8	1.8	2.2	2.0	2.4	2.2	2.0	3.3	2.4	2.0	1.4	1.1	1979	3.6	3.9	3.7	3.7	1.8	3.7	3.8	3.5	3.1	3.8	3.5	3.8	4.3
1980	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.3	2.0	1.6	1.2	.9	.7	1980	2.9	3.3	3.2	3.4	2.9	2.9	2.6	2.1	2.3	2.7	2.8	3.2	3.6
1981		1.1	.9	1.1										1981		2.9	3.1	3.2									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.8	1.8	1.4	.6	.6	.5	.3	1.3	.8	.8	.6	.5	.7	1977	2.8	2.9	2.5	2.9	3.0	3.5	3.5	3.2	3.0	2.8	2.8	2.2	1.8
1978	.6	.9	.5	.5	.4	.4	.3	.9	.6	.4	.4	.7	1.2	1978	2.7	2.7	2.2	2.6	2.7	3.2	3.0	2.6	2.8	3.1	2.9	2.4	1.9
1979	.8	.3	.3	.8	.8	.5	.6	1.1	.8	.7	.8	1.3	1.2	1979	3.0	3.0	2.6	2.6	3.3	3.6	3.8	3.1	3.2	3.5	2.8	2.5	1.6
1980	1.7	1.2	1.0	1.3	2.6	2.8	2.8	2.0	1.3	1.4	1.5	1.2	1.1	1980	2.7	2.7	2.9	2.6	2.8	2.9	3.0	2.2	3.0	2.8	2.9	2.6	1.6
1981		1.4	1.0	.7										1981		3.1	3.1	3.9									

See footnotes at end of tables.

SIC 3494
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3494—VALVES AND PIPE FITTINGS (Con.)

NEW HIRES PER 100 EMPLOYEES													
1977	2.3	2.1	1.9	2.5	2.5	3.0	2.9	2.1	2.5	2.2	2.4	1.9	1.5
1978	2.2	2.2	2.0	2.1	2.1	2.7	2.5	2.0	2.4	2.5	2.4	2.1	1.5
1979	2.4	2.5	2.2	2.2	2.6	3.1	3.0	2.1	2.7	2.8	2.4	1.8	1.3
1980	1.6	2.0	1.9	1.8	1.8	1.6	2.2	1.3	1.3	1.7	1.8	1.4	.9
1981		1.5	1.5	2.5									
RECALLS PER 100 EMPLOYEES													
1977	.4	.6	.5	.3	.4	.3	.4	.8	.3	.4	.2	.2	.2
1978	.3	.3	.1	.3	.4	.2	.2	.4	.2	.4	.3	.1	.3
1979	.4	.2	.2	.3	.6	.2	.5	.8	.3	.6	.2	.6	.2
1980	.8	.5	.8	.6	.8	.9	.6	.6	1.5	.9	.8	1.1	.6
1981		1.4	1.2	1.2									
SEPARATIONS PER 100 EMPLOYEES													
1977	2.4	2.1	2.2	2.2	2.1	2.3	1.9	3.0	3.3	3.1	2.2	2.0	1.8
1978	2.6	2.1	2.1	2.7	2.5	2.8	2.4	2.7	3.7	3.5	2.3	2.2	2.0
1979	2.7	2.4	2.4	2.3	2.6	3.0	2.8	2.6	4.2	3.1	2.5	2.3	1.9
1980	2.6	2.3	2.2	2.5	2.8	3.1	2.6	3.1	2.8	3.0	2.3	2.4	1.8
1981		2.6	2.1	1.8									
QUITS PER 100 EMPLOYEES													
1977	1.2	1.0	.8	1.1	1.1	1.2	1.2	1.3	2.0	1.7	1.1	1.0	.8
1978	1.4	1.1	1.0	1.3	1.4	1.4	1.2	1.3	2.3	2.1	1.4	1.1	1.0
1979	1.4	1.3	1.2	1.4	1.4	1.7	1.6	1.4	2.5	1.6	1.2	1.0	.8
1980	1.0	1.2	1.1	1.0	1.1	1.0	.9	.9	1.6	1.1	.8	.7	.5
1981		.9	.7	.9									
LAYOFFS PER 100 EMPLOYEES													
1977	.5	.4	.8	.4	.3	.4	.2	1.0	.5	.7	.5	.4	.4
1978	.4	.3	.3	.5	.3	.4	.3	.6	.6	.5	.2	.4	.2
1979	.5	.3	.4	.2	.5	.6	.4	.5	.9	.7	.6	.8	.5
1980	.9	.4	.5	.8	.9	1.4	.9	1.6	.6	1.2	.9	1.2	.9
1981		.5	.9	.3									

SIC 3496—MISC. FABRICATED WIRE PRODUCTS

ALL EMPLOYEES—IN THOUSANDS													
1977	48.4	45.9	45.6	47.0	47.4	48.3	49.3	48.8	48.7	49.4	49.8	50.1	50.3
1978	52.5	50.5	51.4	51.4	51.7	52.4	52.9	50.9	52.7	53.4	53.7	54.5	54.5
1979	56.1	54.5	55.4	55.8	55.7	55.3	56.6	54.8	55.9	56.1	57.3	57.8	57.5
1980	55.2	57.4	57.8	58.0	57.1	55.2	53.9	52.2	53.6	54.0	54.4	54.4	54.5
1981		54.2	54.4	55.4									
WOMEN EMPLOYEES—IN THOUSANDS													
1977	11.3	10.6	10.7	11.0	10.9	11.2	11.5	11.2	11.5	11.7	11.7	12.0	12.1
1978	13.0	12.0	12.5	12.6	12.7	12.9	13.0	12.7	13.2	13.3	13.6	13.7	13.8
1979	14.3	13.6	13.9	14.0	14.0	14.3	14.6	14.0	14.1	14.4	14.8	14.9	14.9
1980	14.5	15.1	15.2	15.4	15.3	14.4	14.0	13.3	13.9	14.2	14.3	14.4	14.5
1981		14.2	14.3	14.6									
PRODUCTION WORKERS—IN THOUSANDS													
1977	37.0	35.3	35.0	35.7	36.3	37.1	37.7	36.3	37.3	37.8	38.3	38.5	38.7
1978	40.4	38.9	39.6	39.4	39.8	40.4	40.8	38.8	40.4	41.2	41.7	41.9	42.1
1979	43.4	42.2	42.9	43.3	43.1	42.5	43.8	42.3	43.3	43.5	44.6	45.0	44.7
1980	43.2	45.2	45.7	45.6	45.1	43.2	41.6	40.3	41.7	42.2	42.5	42.4	42.5
1981		42.3	42.3	43.2									

SIC 3496—MISC. FABRICATED WIRE PRODUCTS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	197.71	187.89	189.82	191.00	193.06	195.53	200.60	196.21	197.79	198.97	200.19	206.85	210.83
1978	213.73	201.11	202.93	208.87	209.08	210.65	215.06	212.13	212.40	216.80	220.30	223.56	230.45
1979	233.04	230.11	228.83	230.77	216.33	228.97	235.75	230.85	229.71	233.62	236.64	242.84	251.40
1980	249.02	246.82	244.62	244.21	240.37	241.08	244.37	236.07	248.35	255.27	256.48	262.52	272.30
1981		261.88	258.33	267.15									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.98	4.83	4.83	4.86	4.90	4.95	4.99	4.98	5.02	5.05	5.03	5.12	5.18
1978	5.33	5.17	5.19	5.17	5.24	5.24	5.31	5.33	5.31	5.42	5.48	5.52	5.58
1979	5.74	5.64	5.65	5.67	5.59	5.71	5.75	5.70	5.70	5.74	5.80	5.88	6.00
1980	6.21	6.02	6.07	6.09	6.07	6.15	6.14	6.10	6.24	6.35	6.38	6.45	6.53
1981		6.58	6.59	6.58									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	39.7	38.9	39.3	39.3	39.4	39.5	40.2	39.4	39.4	39.4	39.8	40.4	40.7
1978	40.1	38.9	39.1	40.4	39.9	40.2	40.5	39.8	40.0	40.0	40.2	40.5	41.3
1979	40.6	40.8	40.5	40.7	38.7	40.1	41.0	40.5	40.3	40.7	40.8	41.3	41.9
1980	40.1	41.0	40.3	40.1	39.6	39.2	39.8	38.7	39.8	40.2	40.2	40.7	41.7
1981		39.8	39.2	40.6									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.5	2.0	2.1	2.1	2.4	2.3	2.6	2.3	2.6	2.8	2.7	2.7	2.9
1978	2.9	2.3	2.7	2.6	2.6	2.6	2.7	2.7	3.0	3.3	3.3	3.3	3.6
1979	3.2	3.6	3.3	3.5	1.7	3.2	3.7	3.3	3.2	3.4	3.3	3.3	3.4
1980	2.3	3.0	2.5	2.4	2.1	2.0	1.9	1.6	2.1	2.5	2.6	2.6	2.8
1981		2.3	2.5	2.7									
ACCESSIONS PER 100 EMPLOYEES													
1977	5.0	4.3	5.5	4.9	5.4	5.7	5.5	5.4	6.6	6.1	5.0	4.8	2.1
1978	5.7	4.5	4.1	4.9	5.5	7.2	6.6	6.2	8.0	7.0	6.3	5.0	3.5
1979	5.6	5.6	5.4	6.4	5.5	6.8	6.7	5.9	7.0	5.4	6.1	4.1	3.0
1980	4.3	4.8	4.2	3.7	3.0	3.8	4.4	5.1	6.3	4.9	5.3	4.1	2.1
1981		5.4	4.7	4.3									
NEW HIRES PER 100 EMPLOYEES													
1977	3.8	3.1	2.9	3.7	4.1	4.6	4.7	3.5	5.2	5.2	4.3	3.2	1.6
1978	5.0	3.7	3.4	4.1	4.7	6.5	6.0	4.7	7.3	6.5	5.9	4.6	3.1
1979	4.9	5.2	4.9	5.8	4.7	5.9	6.0	4.3	6.0	4.9	5.5	3.6	2.5
1980	2.6	3.6	3.1	3.0	2.1	2.4	2.2	2.3	3.2	3.3	3.2	1.9	1.4
1981		2.9	3.1	3.0									
RECALLS PER 100 EMPLOYEES													
1977	1.0	1.0	2.3	1.0	1.1	1.0	.6	1.5	1.1	.7	.5	.4	.4
1978	.5	.5	.5	.6	.7	.6	.4	1.4	.4	.3	.2	.2	.2
1979	.5	.3	.4	.4	.6	.7	.4	1.3	.6	.4	.4	.3	.4
1980	1.5	1.1	1.0	.6	.9	1.2	2.1	2.7	3.0	1.5	1.9	2.2	.6
1981		2.4	1.5	1.1									
SEPARATIONS PER 100 EMPLOYEES													
1977	4.4	5.2	3.9	4.4	3.5	4.2	4.1	5.7	6.4	5.5	4.5	3.7	2.3
1978	5.0	3.5	3.3	4.7	4.7	5.3	4.8	5.6	6.5	6.3	5.7	4.6	4.6
1979	5.3	4.5	4.3	5.4	5.0	5.7	5.4	6.5	7.5	5.1	5.7	3.8	5.3
1980	5.6	4.3	4.2	5.5	8.5	8.1	8.7	5.7	5.7	4.6	5.2	3.1	3.1
1981		5.3	3.6	3.7									

MANUFACTURING

SIC 351

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 3496—MISC. FABRICATED WIRE PRODUCTS (Con.)														SIC 35—MACHINERY, EXCEPT ELECTRICAL (Con.)														
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	2.6	2.1	1.9	2.7	2.2	2.7	2.7	2.8	4.2	3.9	3.0	2.3	1.2	1977	4.0	3.6	3.7	3.7	3.5	3.6	3.9	3.7	4.1	4.3	4.4	4.2	4.7	
1978	3.5	2.0	2.1	3.0	3.3	3.9	3.5	3.3	5.1	5.1	4.3	3.4	2.4	1978	4.3	4.0	4.4	4.3	4.1	3.9	4.1	3.9	4.0	4.5	4.4	4.5	5.0	
1979	3.4	3.2	3.0	3.9	3.6	4.1	3.6	3.3	5.2	3.6	3.4	2.3	1.9	1979	4.0	4.4	4.5	4.5	2.7	3.9	4.0	3.6	3.7	4.1	3.9	4.1	4.5	
1980	2.1	2.4	2.3	2.5	2.1	2.0	1.6	2.2	2.9	2.3	2.0	1.3	1.0	1980	3.4	3.8	3.8	3.8	3.4	3.1	3.0	2.7	3.0	3.3	3.2	3.3	3.8	
1981		1.3	1.3	1.6										1981		3.4	3.3	3.4										
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	.9	1.9	1.2	.7	.5	.5	.5	2.1	.9	.6	.6	.7	.6	1977	2.9	3.0	2.7	2.7	2.5	3.1	3.5	3.0	3.5	3.2	3.0	2.5	2.1	
1978	.6	.6	.4	.8	.3	.4	.4	1.5	.3	.2	.5	.5	1.3	1978	3.0	3.0	2.5	2.7	2.9	3.4	3.6	2.8	3.5	3.4	3.4	2.7	2.0	
1979	.9	.3	.2	.3	.6	.6	.7	2.1	.9	.7	1.0	.6	2.8	1979	2.9	3.3	2.7	2.8	2.9	3.2	3.7	3.0	3.1	3.1	3.0	2.3	1.8	
1980	2.6	1.0	1.0	2.0	5.4	4.9	6.0	2.6	1.9	1.4	2.2	1.2	1.7	1980	2.4	2.9	2.3	2.5	2.0	2.2	2.6	2.2	2.6	2.9	2.5	2.1	1.7	
1981		3.2	1.5	1.4										1981		2.6	2.4	2.5										
SIC 35—MACHINERY, EXCEPT ELECTRICAL														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	2.1	1.9	1.7	2.0	1.7	2.3	2.7	2.1	2.7	2.5	2.4	1.9	1.5	
1977	2,174.7	2,124.7	2,132.7	2,139.8	2,142.8	2,151.6	2,170.1	2,171.8	2,179.1	2,202.4	2,203.9	2,224.3	2,252.8	1978	2.4	2.2	2.0	2.0	2.2	2.7	3.0	2.3	2.8	2.8	2.8	2.3	1.6	
1978	2,325.5	2,253.7	2,264.1	2,279.7	2,294.5	2,290.6	2,326.3	2,319.2	2,320.7	2,354.8	2,373.9	2,397.8	2,430.9	1979	2.4	2.7	2.3	2.4	2.3	2.7	3.2	2.3	2.5	2.5	2.5	1.8	1.3	
1979	2,484.8	2,445.8	2,464.9	2,479.9	2,490.1	2,485.0	2,514.1	2,508.0	2,493.7	2,519.1	2,471.2	2,465.7	2,479.7	1980	1.6	2.1	1.8	1.8	1.6	1.6	1.8	1.3	1.5	1.7	1.5	1.2	1.0	
1980	2,497.0	2,548.0	2,547.0	2,550.9	2,532.2	2,522.9	2,497.4	2,448.6	2,426.4	2,453.4	2,461.2	2,479.6	2,496.8	1981		1.4	1.5	1.6										
1981		2,496.9	2,498.4	2,504.3										RECALLS PER 100 EMPLOYEES														
WOMEN EMPLOYEES—IN THOUSANDS														1977	.5	.9	.7	.5	.6	.5	.4	.6	.5	.4	.4	.3	.4	
1977	383.9	367.9	371.9	373.4	375.0	377.0	380.1	382.2	385.7	389.9	395.1	401.5	407.3	1978	.3	.6	.3	.3	.4	.4	.3	.3	.4	.3	.3	.2	.2	
1978	430.8	410.7	411.3	416.3	421.3	422.9	430.3	431.0	432.0	439.4	445.6	450.5	457.9	1979	.3	.4	.2	.2	.2	.2	.3	.4	.3	.3	.3	.2	.3	
1979	475.4	460.6	465.3	469.5	470.0	471.7	473.8	476.7	475.5	482.8	483.3	486.4	489.6	1980	.5	.5	.3	.4	.2	.4	.5	.6	.9	.8	.7	.6	.5	
1980	494.3	500.4	501.5	502.4	500.3	495.8	491.2	485.4	480.9	486.1	491.8	495.8	500.0	1981		1.0	.7	.6										
1981		500.5	500.6	502.3										SEPARATIONS PER 100 EMPLOYEES														
PRODUCTION WORKERS—IN THOUSANDS														1977	2.5	2.6	2.3	2.4	2.5	2.3	2.6	2.6	3.4	3.0	2.4	2.2	1.9	
1977	1,422.0	1,384.9	1,388.6	1,397.2	1,399.2	1,407.7	1,419.8	1,415.5	1,420.2	1,442.5	1,442.6	1,461.7	1,483.5	1978	2.5	2.5	2.2	2.5	2.6	2.4	2.6	2.6	3.5	3.2	2.6	2.1	1.8	
1978	1,526.4	1,482.5	1,490.7	1,501.3	1,509.2	1,500.8	1,524.9	1,512.3	1,508.8	1,543.5	1,558.3	1,577.5	1,607.2	1979	2.7	2.5	2.2	2.6	2.5	2.6	2.8	2.8	3.8	3.0	2.7	2.5	1.9	
1979	1,634.3	1,613.1	1,627.3	1,633.1	1,650.2	1,642.0	1,657.8	1,644.7	1,622.6	1,656.3	1,618.2	1,619.3	1,626.5	1980	2.9	2.8	2.4	2.6	3.4	3.8	3.5	3.1	3.5	2.9	2.6	1.8	1.7	
1980	1,604.9	1,673.1	1,665.5	1,665.2	1,647.9	1,630.1	1,600.6	1,554.5	1,533.3	1,561.7	1,563.1	1,576.4	1,587.0	1981		2.6	2.2	2.4										
1981		1,588.8	1,591.5	1,596.4										QUITS PER 100 EMPLOYEES														
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.1	.9	.8	1.1	1.1	1.2	1.2	1.2	1.9	1.7	1.2	.9	.7	
1977	259.79	245.03	249.67	250.69	249.49	253.38	258.75	255.22	259.36	267.74	270.26	272.61	281.65	1978	1.3	1.0	1.0	1.2	1.3	1.4	1.5	1.3	2.2	2.0	1.4	1.1	.8	
1978	285.44	268.14	275.22	280.03	278.04	277.55	283.83	279.71	280.80	290.07	292.32	298.35	311.74	1979	1.4	1.3	1.1	1.4	1.4	1.5	1.6	1.3	2.2	1.7	1.3	1.1	.7	
1979	305.98	298.91	304.30	306.72	285.11	301.18	307.13	302.41	302.82	312.66	308.76	313.08	325.37	1980	1.0	1.2	1.1	1.1	1.0	1.0	.9	.9	1.4	1.2	.9	.7	.6	
1980	328.00	317.48	318.72	321.63	319.80	319.90	322.75	319.20	323.21	336.61	337.81	346.09	358.70	1981		.9	.8	.8										
1981		351.44	349.25	355.14										LAYOFFS PER 100 EMPLOYEES														
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	.6	1.0	.8	.5	.7	.4	.6	.7	.7	.5	.5	.6	.6	
1977	6.26	6.05	6.06	6.07	6.10	6.15	6.22	6.24	6.28	6.39	6.45	6.46	6.55	1978	.4	.6	.5	.6	.5	.3	.3	.5	.4	.3	.3	.3	.3	
1978	6.78	6.54	6.60	6.62	6.62	6.64	6.71	6.74	6.75	6.89	6.96	7.02	7.15	1979	.5	.4	.3	.3	.3	.3	.4	.7	.6	.5	.5	.7	.6	
1979	7.32	7.10	7.16	7.20	7.11	7.24	7.33	7.34	7.35	7.48	7.44	7.49	7.62	1980	1.1	.8	.6	.8	1.6	2.0	1.8	1.6	1.3	1.0	1.0	.6	.6	
1980	8.00	7.65	7.68	7.75	7.80	7.86	7.93	8.00	8.02	8.21	8.30	8.38	8.50	1981		1.0	.8	.9										
1981		8.53	8.56	8.62										SIC 351—ENGINES AND TURBINES														
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS														
1977	41.5	40.5	41.2	41.3	40.9	41.2	41.6	40.9	41.3	41.9	41.9	42.2	43.0	1977	125.3	125.1	125.0	125.2	124.5	122.0	119.2	124.5	124.9	127.2	128.9	124.9	132.4	
1978	42.1	41.0	41.7	42.3	42.0	41.8	42.3	41.5	41.6	42.1	42.0	42.5	43.6	1978	136.8	132.4	132.0	131.9	132.5	132.5	136.5	137.7	136.9	140.2	141.7	143.2	144.4	
1979	41.8	42.1	42.5	42.6	40.1	41.6	41.9	41.2	41.2	41.8	41.5	41.8	42.7	1979	145.1	144.3	144.7	145.3	145.2	143.8	150.7	149.2	149.0	149.1	145.8	137.7	136.8	
1980	41.0	41.5	41.5	41.5	41.0	40.7	40.7	39.9	40.3	41.0	40.7	41.3	42.2	1980	135.2	143.5	140.6	138.7	137.2	138.2	134.2	129.4	129.9	131.5	131.7	133.3	133.6	
1981		41.2	40.8	41.2										1981		133.1	132.0	131.4										

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 351—ENGINES AND TURBINES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS																									
1977	20.2	19.3	20.3	20.8	20.8	19.8	18.7	19.4	19.3	20.3	20.8	20.9	21.5												
1978	23.4	22.1	22.1	22.4	22.8	22.5	22.6	22.9	23.1	23.7	24.5	25.5	26.1												
1979	26.5	26.3	26.6	26.7	26.8	27.0	26.5	26.5	26.9	27.3	26.7	25.5	25.6												
1980	25.4	27.5	26.5	26.4	26.3	25.3	24.9	24.6	24.3	24.4	24.4	24.9	24.7												
1981		24.6	24.4	23.4																					
PRODUCTION WORKERS—IN THOUSANDS																									
1977	80.1	80.1	80.0	80.4	79.6	77.8	75.4	78.8	79.4	81.4	82.9	80.2	85.6												
1978	89.0	85.7	85.4	85.3	85.6	85.3	88.6	89.5	88.3	91.8	93.2	94.4	95.3												
1979	95.3	94.5	95.2	95.4	95.3	94.5	99.5	98.2	97.9	98.1	95.9	90.1	89.4												
1980	86.8	94.5	92.0	90.7	89.2	89.2	85.8	81.8	80.7	83.5	83.6	85.2	85.5												
1981		86.3	86.1	84.9																					
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS																									
1977	306.60	286.64	285.60	285.19	282.20	283.71	291.92	303.84	317.77	332.76	331.14	331.36	338.34												
1978	337.22	325.01	330.50	339.58	323.47	319.30	324.58	332.31	334.91	346.86	345.26	352.33	369.33												
1979	358.75	354.48	361.68	361.24	333.20	353.12	362.25	364.27	349.55	371.21	362.80	358.60	369.87												
1980	386.68	372.25	379.63	379.63	379.75	363.94	372.06	383.17	383.73	393.00	397.41	407.15	429.52												
1981		419.58	415.15	419.60																					
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS																									
1977	7.30	7.06	7.00	6.99	7.02	7.04	7.12	7.20	7.39	7.58	7.63	7.60	7.76												
1978	8.01	7.72	7.74	7.99	7.72	7.75	7.84	7.95	8.07	8.20	8.24	8.29	8.51												
1979	8.75	8.40	8.51	8.54	8.33	8.55	8.75	8.82	8.94	9.01	9.07	9.01	9.11												
1980	9.74	9.26	9.42	9.42	9.47	9.38	9.54	9.85	9.89	10.00	10.19	10.23	10.40												
1981		10.36	10.51	10.49																					
PRODUCTION-WORKER AVERAGE WEEKLY HOURS																									
1977	42.0	40.6	40.8	40.8	40.2	40.3	41.0	42.2	43.0	43.9	43.4	43.6	43.6												
1978	42.1	42.1	42.7	42.5	41.9	41.2	41.4	41.8	41.5	42.3	41.9	42.5	43.4												
1979	41.0	42.2	42.5	42.3	40.0	41.3	41.4	41.3	39.1	41.2	40.0	39.8	40.6												
1980	39.7	40.2	40.3	40.3	40.1	38.8	39.0	38.9	38.8	39.3	39.0	39.8	41.3												
1981		40.5	39.5	40.0																					
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS																									
1977	3.7	3.0	2.6	2.9	2.8	2.7	3.1	3.9	4.2	4.8	4.5	4.5	4.8												
1978	4.2	4.1	4.3	4.4	3.9	3.6	3.6	4.1	3.6	4.2	4.1	4.3	5.6												
1979	3.5	4.2	4.5	4.3	2.3	3.7	3.8	3.6	3.0	3.5	3.2	2.9	3.5												
1980	2.4	2.9	3.1	2.9	2.7	1.6	1.9	1.5	2.0	2.0	2.2	2.6	3.7												
1981		2.7	2.8	2.7																					
ACCESSIONS PER 100 EMPLOYEES																									
1977	2.3	2.0	2.0	2.0	1.7	2.4	2.0	2.2	2.8	3.1	2.7	1.9	3.0												
1978	2.0	2.2	1.2	1.5	1.7	2.4	2.7	2.6	2.5	2.5	2.1	1.8	1.5												
1979	2.5	2.7	1.9	1.8	2.6	2.7	2.9	4.2	2.1	2.8	2.9	1.9	1.4												
1980	2.1	1.8	1.6	2.4	1.8	2.0	2.2	2.6	1.8	2.8	2.2	1.7	2.0												
1981		4.1	2.2	2.3																					
NEW HIRES PER 100 EMPLOYEES																									
1977	1.1	.7	.8	.9	.8	1.2	1.0	.9	1.6	1.8	1.5	.9	.8												
1978	1.1	1.1	.7	.6	.7	1.1	1.8	1.4	1.4	1.7	1.3	.9	.7												
1979	1.3	1.5	1.1	1.0	1.4	1.5	1.8	.9	1.2	1.7	1.6	.7	.5												
1980	.5	.7	.5	.5	.6	.5	.7	.4	.5	.4	.7	.4	.4												
1981		.6	.8	.9																					

SIC 351—ENGINES AND TURBINES (Con.)

RECALLS PER 100 EMPLOYEES													
1977	0.6	1.1	0.6	0.4	0.1	0.6	0.5	0.4	0.4	0.5	0.8	0.3	1.7
1978	.3	.3	.1	.2	.3	.5	.4	.8	.4	.1	.3	.1	.2
1979	.4	.3	.1	(^a)	.1	.3	.2	2.4	.2	.1	.1	.3	.2
1980	.8	.2	.4	.9	.3	.5	.9	1.8	.8	1.5	.8	.6	.8
1981		3.0	.7	.7									
SEPARATIONS PER 100 EMPLOYEES													
1977	1.9	1.5	1.5	1.7	3.4	2.3	2.0	2.1	2.9	1.7	1.4	1.7	1.2
1978	1.9	2.0	1.7	1.6	2.9	1.5	2.3	1.6	2.0	1.9	1.6	1.9	1.5
1979	2.6	2.3	2.1	2.0	2.9	2.3	3.0	3.6	2.8	2.7	3.0	2.6	1.7
1980	3.2	4.1	2.1	2.8	5.6	6.2	4.2	3.7	2.3	2.9	2.0	1.0	1.8
1981		2.1	2.6	3.9									
QUITS PER 100 EMPLOYEES													
1977	.4	.4	.4	.5	.4	.4	.3	.4	.8	.7	.5	.3	.2
1978	.5	.5	.3	.3	.4	.5	.7	.6	.8	.7	.6	.3	.2
1979	.6	.5	.4	.4	.5	.6	.6	.4	1.0	.9	.8	.4	.3
1980	.4	.4	.3	.4	.4	.5	.3	.3	.4	.3	.3	.2	.2
1981		.3	.3	.3									
LAYOFFS PER 100 EMPLOYEES													
1977	.5	.4	.3	.3	1.3	.9	.7	.6	1.2	.1	.1	.6	.1
1978	.4	.3	.5	.2	1.5	.2	.6	.1	.2	.2	.1	.5	.2
1979	.8	.4	.4	.4	.9	.5	1.1	1.9	.7	.5	.8	1.0	.6
1980	1.8	2.4	.5	1.0	3.9	3.9	2.8	2.3	1.1	1.4	.7	.3	.8
1981		1.0	1.5	2.7									

MANUFACTURING

SIC 3519

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3511—TURBINES AND TURBINE GENERATOR SETS (Con.)														SIC 3511—TURBINES AND TURBINE GENERATOR SETS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.81	6.65	6.52	6.60	6.58	6.61	6.67	6.87	6.90	7.01	7.02	7.03	7.21	1977	0.2	0.4	0.5	0.5	0.2	0.2	0.1	0.1	(⁵)	(⁵)	0.2	0.3	(⁵)
1978	7.39	7.09	7.16	7.20	7.19	7.16	7.15	7.48	7.44	7.59	7.63	7.62	7.88	1978	.3	(⁵)	.5	.1	.1	.3	.3	.1	0.2	0.2	.2	.6	0.5
1979	7.97	7.76	7.76	7.80	7.77	7.79	7.79	7.86	8.12	8.15	8.24	8.30	8.38	1979	.6	.6	.5	.6	.5	.6	.9	.3	.6	1.1	.7	.3	(⁵)
1980	9.01	8.43	8.49	8.57	8.57	8.65	8.68	9.11	9.46	9.36	9.51	9.54	9.66	1980	.2	.4	.1	.2	.3	.1	.2	.2	.1	.2	.2	(⁵)	.2
1981		9.86	9.84	9.82										1981		.2	.2	.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3519—INTERNAL COMBUSTION ENGINES, NEC													
1977	40.3	40.5	40.2	40.5	40.0	39.0	39.9	39.9	40.5	40.9	40.7	41.0	40.9	ALL EMPLOYEES—IN THOUSANDS													
1978	40.3	38.2	39.5	39.7	39.3	39.4	39.6	40.8	40.2	42.0	42.0	41.7	41.3	1977	81.2	79.9	80.2	80.6	80.3	77.9	75.2	80.5	81.2	83.6	85.3	81.3	88.7
1979	39.8	40.5	40.8	41.1	39.5	40.5	40.4	40.1	33.4	39.7	39.7	40.6	41.3	1978	93.7	89.2	89.2	89.3	89.9	89.8	93.6	94.1	93.3	96.6	98.4	100.1	101.2
1980	40.6	39.5	39.6	39.9	40.8	40.5	40.6	39.4	40.6	41.0	41.1	41.7	42.6	1979	103.4	101.8	102.8	103.1	103.7	102.2	108.9	107.6	107.5	107.7	104.2	96.1	95.2
1981		41.4	41.1	41.2										1980	93.5	102.1	99.2	97.2	95.8	96.6	92.5	88.9	88.4	89.5	89.6	90.8	91.3
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.5	3.4	2.0	3.3	3.0	2.6	3.3	3.3	4.2	4.2	3.8	4.1	5.2	1977	14.5	13.7	14.6	15.2	15.2	14.2	13.1	13.7	13.6	14.7	15.2	15.2	15.9
1978	4.1	2.1	3.6	3.9	3.6	3.5	3.6	4.3	3.9	4.8	5.2	4.6	5.7	1978	17.6	16.5	16.5	16.7	17.1	16.8	16.7	17.0	17.2	17.8	18.6	19.7	20.3
1979	3.7	3.8	3.8	3.8	3.5	3.5	3.7	3.2	3.0	3.7	3.6	3.7	4.7	1979	20.7	20.4	20.8	20.9	21.1	21.2	20.7	20.6	21.0	21.4	20.8	19.5	19.7
1980	3.9	3.0	3.2	3.7	3.8	3.7	4.0	3.6	4.4	3.9	4.1	4.5	4.8	1980	19.3	21.5	20.5	20.4	20.2	19.3	18.7	18.5	18.1	18.2	18.3	18.7	18.6
1981		3.6	3.2	3.5										1981		18.7	18.3	17.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	1.2	1.4	1.0	1.0	1.1	.9	1.5	1.3	1.0	1.1	1.6	1.2	.9	1977	56.9	55.9	56.3	56.7	56.3	54.6	52.3	55.7	56.4	58.5	59.9	57.1	62.6
1978	1.5	1.6	.7	1.6	2.0	1.7	1.9	1.7	1.2	1.5	1.2	1.5	1.1	1978	66.3	63.0	62.9	62.8	63.1	62.8	66.1	66.4	65.1	68.7	70.3	71.7	72.5
1979	1.6	1.1	1.5	1.2	2.0	1.2	1.6	1.5	2.2	2.2	2.0	1.1	1.3	1979	73.8	72.4	73.4	73.5	73.7	73.0	78.0	76.9	76.7	77.0	74.6	68.7	68.1
1980	1.5	1.8	1.3	1.8	1.9	1.6	1.6	1.3	1.3	1.6	1.7	1.2	1.4	1980	65.7	73.6	71.1	69.7	68.1	67.8	64.5	61.7	61.1	62.0	61.8	63.2	63.5
1981		1.5	1.5	1.8										1981		64.3	63.9	62.6									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	.4	.5	.4	.3	.3	.4	.7	.6	.3	.3	.4	.5	.3	1977	319.07	294.26	295.51	292.44	290.16	295.30	303.37	315.49	333.52	350.88	348.10	348.33	354.57
1978	.6	.4	.3	.5	.7	.4	.9	.8	.4	1.0	.4	.7	.4	1978	350.99	344.52	347.33	358.88	338.12	333.11	338.52	341.43	346.93	356.16	353.64	363.80	383.23
1979	.7	.4	.8	.6	.9	.4	.9	.5	.9	1.1	.8	.3	.6	1979	370.46	366.37	374.96	373.63	340.45	363.96	375.30	377.73	371.59	383.97	373.33	364.98	377.74
1980	.6	.8	.4	.8	.9	.6	.8	.5	.4	.7	.5	.3	.4	1980	392.21	383.40	392.45	390.67	389.42	367.48	377.86	391.49	383.53	395.90	399.19	410.16	436.40
1981		.6	.8	1.2										1981		423.31	419.25	425.30									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	(⁵)	.1	(⁵)	.1	(⁵)	.1	(⁵)	(⁵)	(⁵)	(⁵)	.1	(⁵)	(⁵)	1977	7.49	7.23	7.19	7.15	7.20	7.22	7.31	7.32	7.58	7.78	7.84	7.81	7.95
1978	.1	(⁵)	(⁵)	(⁵)	.2	.2	.2	(⁵)	.1	(⁵)	(⁵)	(⁵)	(⁵)	1978	8.22	7.92	7.93	8.25	7.90	7.95	8.06	8.11	8.28	8.40	8.44	8.50	8.69
1979	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	.1	(⁵)	.1	.1	(⁵)	.1	.1	(⁵)	1979	8.97	8.58	8.72	8.75	8.49	8.77	9.00	9.08	9.13	9.23	9.31	9.24	9.35
1980	.1	.1	.3	.3	.2	.2	.1	.1	.1	.1	.1	(⁵)	.1	1980	9.98	9.49	9.69	9.67	9.76	9.62	9.84	10.09	10.04	10.23	10.45	10.49	10.67
1981		.1	.1	(⁵)										1981		10.53	10.75	10.74									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.5	1.9	1.9	1.1	1.9	1.5	1.4	1.4	1.4	1.7	1.7	1.7	.8	1977	42.6	40.7	41.1	40.9	40.3	40.9	41.5	43.1	44.0	45.1	44.4	44.6	44.6
1978	1.7	1.9	1.4	1.6	1.8	1.6	1.5	1.9	1.4	1.7	2.1	1.9	1.9	1978	42.7	43.5	43.8	43.5	42.8	41.9	42.0	42.1	41.9	42.4	41.9	42.8	44.1
1979	2.2	2.3	2.2	1.9	2.6	1.9	2.1	2.4	2.6	3.1	2.5	1.7	1.6	1979	41.3	42.7	43.0	42.7	40.1	41.5	41.7	41.6	40.7	41.6	40.1	39.5	40.4
1980	1.6	2.3	1.5	1.9	2.1	1.5	1.7	1.8	1.4	1.5	2.0	.8	1.3	1980	39.3	40.4	40.5	40.4	39.9	38.2	38.4	38.8	38.2	38.7	38.2	39.1	40.9
1981		1.8	1.2	1.5										1981		40.2	39.0	39.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.3	.4	.4	.2	.3	.2	.2	.3	.4	.6	.3	.3	.1	1977	3.7	2.8	2.8	2.7	2.7	2.7	3.0	4.2	4.2	5.0	4.7	4.6	4.7
1978	.3	.2	.2	.2	.4	.4	.4	.5	.3	.4	.4	.2	.1	1978	4.2	4.8	4.5	4.6	4.0	3.6	3.6	4.1	3.5	4.0	3.8	4.2	5.5
1979	.3	.4	.3	.2	.3	.5	.3	.3	.4	.5	.4	.3	.2	1979	3.5	4.3	4.7	4.4	2.0	3.7	3.8	3.7	3.0	3.4	3.1	2.7	3.1
1980	.2	.3	.2	.2	.3	.2	.2	.2	.3	.4	.3	.1	.1	1980	2.0	2.9	3.1	2.6	2.4	1.0	1.2	.8	1.3	1.4	1.5	1.9	3.3
1981		.2	.2	.1										1981		2.4	2.7	2.4									

See footnotes at end of tables.

SIC 3519

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3519—INTERNAL COMBUSTION ENGINES, NEC (Con.)														SIC 352—FARM AND GARDEN MACHINERY (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.9	2.4	2.5	2.5	2.0	3.2	2.3	2.7	3.8	4.1	3.3	2.2	4.1	1977	116.1	117.2	117.7	118.9	117.7	120.0	118.9	115.4	111.1	115.4	113.8	113.4	113.7
1978	2.3	2.5	1.4	1.5	1.5	2.7	3.0	3.0	3.1	2.9	2.5	1.9	1.7	1978	114.3	111.1	114.9	115.4	114.8	104.6	112.0	107.0	107.0	115.9	118.0	120.8	129.9
1979	2.9	3.3	2.0	2.0	2.8	3.3	3.4	5.3	2.1	3.0	3.2	2.3	1.5	1979	129.2	128.4	130.8	132.6	133.9	133.6	133.6	131.6	122.2	132.1	113.6	127.5	130.7
1980	2.3	1.8	1.7	2.6	1.7	2.1	2.5	3.2	2.1	3.4	2.5	1.9	2.3	1980	117.7	130.6	128.0	125.3	122.5	127.9	120.1	112.7	97.0	108.8	111.5	112.9	114.9
1981		5.3	2.5	2.5										1981		116.8	114.6	117.0									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.4	.8	1.1	1.2	1.0	1.7	1.2	1.1	2.3	2.6	2.0	1.1	1.0	1977	272.43	258.84	259.05	259.61	261.87	263.41	274.29	267.87	269.20	282.08	291.40	278.90	302.02
1978	1.4	1.4	.9	.7	.7	1.4	2.2	1.7	1.9	2.0	1.7	1.0	.8	1978	300.94	285.63	294.99	298.57	289.38	284.12	305.24	295.89	289.04	306.75	306.32	310.84	339.91
1979	1.5	2.0	1.2	1.1	1.6	1.9	2.2	1.1	1.3	1.9	1.9	.9	.5	1979	335.12	316.93	333.56	334.48	318.24	331.75	345.17	340.98	331.55	343.83	310.16	332.77	373.53
1980	.5	.6	.5	.4	.5	.4	.6	.4	.6	.3	.8	.5	.4	1980	352.15	332.10	332.91	337.02	335.76	336.73	346.32	354.99	336.96	380.14	371.05	373.32	390.73
1981		.6	.8	.8										1981		389.63	372.67	387.60									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.9	1.6	.9	.5	.2	.9	.7	.6	.6	.8	1.1	.4	2.5	1977	6.71	6.52	6.46	6.41	6.45	6.52	6.69	6.68	6.68	6.88	7.09	6.99	7.14
1978	.4	.5	.1	.3	.3	.7	.5	1.1	.5	.2	.5	.1	.3	1978	7.34	7.07	7.16	7.16	7.11	7.05	7.32	7.27	7.19	7.50	7.62	7.60	7.85
1979	.5	.4	.1	(²)	.1	.4	.3	3.3	.2	.1	.1	.4	.3	1979	7.96	7.73	7.83	7.87	7.80	7.88	8.16	8.08	7.97	8.09	7.51	7.98	8.47
1980	1.1	.3	.4	1.1	.3	.6	1.3	2.6	1.1	2.2	1.2	.9	1.1	1980	8.76	8.10	8.10	8.20	8.27	8.59	8.88	9.01	8.64	9.34	9.37	9.38	9.53
1981		4.3	1.0	1.0										1981		9.48	9.34	9.50									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.2	1.2	1.3	2.0	4.2	2.8	2.3	2.5	3.7	1.7	1.2	1.7	1.4	1977	40.6	39.7	40.1	40.5	40.6	40.4	41.0	40.1	40.3	41.0	41.1	39.9	42.3
1978	1.9	2.0	1.8	1.6	3.4	1.5	2.6	1.4	2.3	2.0	1.4	1.9	1.4	1978	41.0	40.4	41.2	41.7	40.7	40.3	41.7	40.7	40.2	40.9	40.2	40.9	43.3
1979	2.7	2.3	2.0	2.1	3.0	2.4	3.3	4.1	2.9	2.5	3.2	3.0	1.8	1979	42.1	41.0	42.6	42.5	40.8	42.1	42.3	42.2	41.6	42.5	41.3	41.7	44.1
1980	3.9	4.9	2.3	3.2	7.1	8.2	5.3	4.5	2.7	3.5	2.0	1.1	2.1	1980	40.2	41.0	41.1	41.1	40.6	39.2	39.0	39.4	39.0	40.7	39.6	39.8	41.0
1981		2.2	3.2	5.0										1981		41.1	39.9	40.8									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.5	.4	.4	.6	.4	.5	.4	.5	1.0	.7	.6	.3	.3	1977	3.9	4.3	4.1	4.0	3.8	3.5	3.7	3.7	4.4	4.1	5.1	2.8	3.5
1978	.6	.6	.4	.4	.4	.5	.8	.7	1.0	.9	.7	.4	.3	1978	3.8	3.6	3.7	4.1	3.3	3.0	3.5	3.0	3.4	4.5	4.2	4.3	4.7
1979	.7	.6	.4	.5	.6	.7	.7	.5	1.3	1.0	.9	.4	.3	1979	4.6	4.8	5.8	5.4	3.4	4.8	4.8	4.3	4.0	5.3	3.6	4.3	4.5
1980	.4	.5	.4	.5	.5	.6	.4	.4	.5	.3	.3	.3	.2	1980	3.0	3.9	3.7	3.7	2.8	2.3	2.1	1.9	2.3	4.0	3.1	2.9	3.8
1981		.3	.3	.4										1981		3.9	3.3	3.4									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	.4	.2	.2	1.9	1.3	1.0	.8	1.8	2	.1	.7	.1	1977	3.0	3.6	2.8	3.0	2.3	3.3	2.9	2.7	3.9	3.4	3.3	2.8	2.6
1978	.4	.4	.5	.3	2.1	.2	.8	.1	.2	.2	.1	.4	.1	1978	4.2	4.5	3.3	3.8	4.0	4.1	3.9	3.3	7.0	4.6	5.2	3.9	2.5
1979	.8	.3	.3	.3	1.0	.5	1.2	2.5	.8	.3	.8	1.3	.8	1979	3.9	4.8	4.0	3.8	4.3	4.1	4.6	3.3	4.4	4.0	4.3	2.9	2.3
1980	2.5	3.2	.7	1.4	5.5	5.6	3.9	3.3	1.5	2.0	1.0	.4	1.1	1980	2.7	3.9	2.6	1.9	1.8	2.3	2.4	1.8	3.6	3.9	3.1	2.2	2.5
1981		1.3	2.1	3.7										1981		2.9	2.6	2.1									
SIC 352—FARM AND GARDEN MACHINERY														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.7	1.9	1.7	1.8	1.4	1.9	1.8	1.5	2.2	1.9	1.9	1.3	1.4
1977	167.5	167.9	168.7	169.6	168.3	171.0	170.5	167.4	163.7	166.9	165.5	165.0	165.2	1978	2.5	2.4	2.2	2.0	1.9	2.4	2.5	2.0	3.2	3.2	3.1	2.9	1.8
1978	165.0	162.4	166.8	166.3	166.3	154.8	162.4	158.1	157.4	166.0	169.2	170.8	180.0	1979	3.1	3.8	3.0	3.1	3.3	3.4	3.7	2.8	3.3	3.3	3.4	2.4	1.7
1979	182.3	179.0	182.3	185.4	186.7	187.1	188.7	186.8	177.6	186.8	166.0	179.0	182.5	1980	1.2	2.3	1.9	1.4	1.3	1.0	1.0	.9	1.1	1.2	.8	.7	.7
1980	171.9	182.5	180.7	179.1	172.5	182.8	174.5	165.2	149.2	164.3	168.6	170.7	172.3	1981		1.1	1.2	.9									
1981		174.2	170.6	173.1																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	22.5	22.1	22.5	22.7	22.8	23.0	22.9	22.1	22.1	21.9	22.1	22.2	23.3	1977	.9	1.3	.8	1.0	.7	.9	.6	.9	1.3	1.1	.8	1.0	.9
1978	24.1	23.0	23.2	23.5	24.0	23.3	23.7	23.4	23.0	24.6	25.2	25.5	26.6	1978	1.2	1.8	.9	1.4	1.8	1.3	.8	.9	2.4	.9	1.3	.6	.3
1979	27.8	26.7	27.5	27.9	27.6	28.0	28.6	28.7	26.8	28.5	26.1	28.5	29.2	1979	.4	.7	.6	.5	.6	.4	.4	.2	.8	.3	.5	.1	.2
1980	27.5	29.5	29.7	29.0	28.2	28.8	26.6	25.8	23.5	25.8	27.3	27.8	28.3	1980	1.2	1.3	.5	.3	.3	1.1	1.1	.7	2.3	2.4	2.1	1.4	1.6
1981		28.6	28.2	28.7										1981		1.6	1.1	1.0									

See footnotes at end of tables.

MANUFACTURING

SIC 3523

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 352—FARM AND GARDEN MACHINERY (Con.)														SIC 3523—FARM MACHINERY AND EQUIPMENT (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.5	2.9	3.1	2.9	3.2	2.7	3.0	3.4	5.6	4.2	4.4	3.5	3.3	1977	40.6	39.8	40.1	40.3	40.5	40.4	40.8	40.2	40.4	41.1	41.2	39.8	42.4
1978	3.9	3.4	3.7	5.6	4.3	3.3	4.0	5.0	4.8	3.6	3.8	3.0	2.7	1978	41.1	40.2	40.9	41.5	40.6	40.3	41.8	41.1	40.4	41.2	40.3	41.0	43.7
1979	3.2	3.7	3.0	3.7	3.2	3.0	3.3	3.2	4.2	3.1	3.5	2.3	1.9	1979	42.6	41.2	43.0	43.0	41.3	42.5	42.7	42.9	42.1	43.1	41.8	42.3	45.0
1980	4.7	3.7	3.4	3.3	5.9	7.5	8.7	6.3	5.4	4.3	3.5	1.8	2.2	1980	40.6	41.4	41.5	41.6	41.0	39.7	39.4	40.0	39.6	41.2	40.0	40.2	41.6
1981		3.0	2.4	2.5										1981		41.6	40.2	41.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.1	.9	.9	1.2	1.2	1.2	1.0	1.0	1.9	1.4	1.1	.8	.7	1977	4.1	4.5	4.4	4.1	4.0	3.6	3.8	3.9	4.7	4.4	5.4	2.9	3.5
1978	1.5	1.0	1.2	1.3	1.5	1.6	1.6	1.6	2.4	2.1	1.5	1.2	.9	1978	3.9	3.6	3.7	4.0	3.2	3.0	3.5	3.1	3.5	4.8	4.4	4.4	4.9
1979	1.7	1.7	1.5	2.1	2.0	1.8	1.8	1.7	2.7	2.0	1.8	1.3	.8	1979	4.9	5.0	6.2	5.7	3.7	5.2	5.2	4.7	4.3	5.7	3.7	4.6	4.9
1980	.9	1.3	1.2	1.1	1.0	1.0	.8	.9	1.3	.9	.8	.4	.5	1980	3.3	4.1	3.9	4.0	3.0	2.5	2.3	2.0	2.6	4.4	3.4	3.2	4.3
1981		.7	.6	.7										1981		4.3	3.6	3.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.5	.9	1.3	.9	1.1	.7	.9	1.3	2.6	1.8	2.2	2.0	1.9	1977	3.0	3.5	2.5	3.0	2.4	3.4	3.0	2.7	3.8	3.2	3.2	2.6	2.5
1978	1.4	1.5	1.1	3.3	1.7	.7	1.0	2.6	.8	.4	1.1	1.0	1.1	1978	3.8	4.0	3.1	2.7	4.2	4.0	3.8	3.0	5.8	4.5	4.9	3.6	2.4
1979	.5	1.1	.4	.8	.3	.3	.4	.8	.4	.2	.6	.4	.5	1979	3.8	4.6	4.1	3.7	4.0	4.1	4.7	3.3	4.0	3.9	3.9	2.8	2.2
1980	2.9	1.4	1.3	1.6	4.0	5.7	6.7	4.6	3.1	2.4	2.0	1.0	1.3	1980	2.4	3.7	2.7	1.8	1.7	2.1	2.4	1.9	2.5	3.6	2.7	1.7	2.4
1981		1.4	1.2	1.1										1981		3.2	2.7	2.4									
SIC 3523—FARM MACHINERY AND EQUIPMENT														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.6	1.8	1.4	1.6	1.4	1.9	1.8	1.5	2.2	1.9	1.8	1.2	1.2
1977	149.5	149.4	150.3	150.8	149.4	152.3	151.9	150.5	147.7	150.2	148.2	146.7	146.3	1978	2.2	1.8	1.9	1.7	1.8	2.1	2.3	1.8	2.7	3.0	2.7	2.5	1.7
1978	145.1	142.5	146.8	145.6	145.0	134.3	142.3	139.8	139.4	146.8	149.8	150.1	158.3	1979	3.0	3.5	3.0	3.0	3.0	3.3	3.8	2.7	3.1	3.2	3.0	2.3	1.6
1979	158.9	156.5	158.7	161.5	163.1	162.9	164.4	162.6	157.0	163.4	143.5	154.9	158.0	1980	1.2	2.1	2.0	1.4	1.3	1.0	1.0	.9	1.1	1.2	.8	.6	.6
1980	149.7	156.6	154.5	153.4	147.8	160.4	154.8	148.6	131.3	144.8	147.1	147.9	148.6	1981		1.2	1.3	1.0									
1981		149.8	145.9	148.4										RECALLS PER 100 EMPLOYEES													
WOMEN EMPLOYEES—IN THOUSANDS														1977	.9	1.3	.8	1.1	.7	.9	.7	.8	1.2	.8	.8	.9	.9
1977	17.7	17.6	17.7	17.6	17.6	17.8	17.7	17.6	17.9	17.7	17.7	17.4	18.2	1978	1.1	1.8	1.0	.6	2.0	1.4	.9	.7	1.6	.9	1.3	.6	.3
1978	18.2	17.6	17.6	17.6	17.7	17.4	17.9	18.1	17.7	18.5	19.2	19.1	19.7	1979	.4	.8	.7	.5	.6	.4	.4	.2	.5	.3	.4	.1	.2
1979	21.1	20.0	20.7	21.0	20.8	21.1	21.6	21.7	21.2	21.8	19.6	21.6	22.0	1980	1.0	1.2	.5	.2	.2	.8	1.1	.8	1.1	2.1	1.7	.9	1.5
1980	21.2	21.9	22.0	21.4	21.0	22.8	21.2	20.9	18.6	20.6	21.1	21.1	21.4	1981		1.8	1.0	1.1									
1981		21.4	20.9	21.2										SEPARATIONS PER 100 EMPLOYEES													
PRODUCTION WORKERS—IN THOUSANDS														1977	3.5	2.9	2.9	2.8	3.2	2.6	3.0	3.2	5.8	4.2	4.7	3.7	3.5
1977	103.7	104.1	104.6	105.3	104.0	106.6	105.8	104.3	101.0	104.3	102.5	101.1	100.8	1978	3.8	3.4	3.4	5.9	4.3	3.1	3.9	3.4	4.8	3.5	4.0	3.0	2.6
1978	100.5	97.3	100.9	100.8	99.8	90.3	98.1	95.1	95.4	102.9	104.9	106.4	114.4	1979	3.1	3.8	3.0	3.6	3.1	3.0	3.1	2.6	4.2	3.1	3.3	2.1	1.9
1979	112.7	112.4	113.4	115.4	117.1	116.5	116.6	114.7	108.8	115.9	97.8	110.6	113.3	1980	4.3	3.7	3.2	2.7	5.8	6.3	7.3	5.5	5.6	4.3	3.8	1.6	2.3
1980	102.4	111.9	109.3	107.0	105.2	112.9	108.0	102.8	85.6	95.5	96.4	96.7	97.8	1981		2.7	2.0	2.3									
1981		99.0	96.6	99.0										QUITS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.1	.9	.8	1.1	1.2	1.2	1.0	1.0	1.9	1.4	1.1	.8	.7
1977	278.11	265.07	264.66	263.97	266.49	269.06	279.89	273.36	273.51	288.11	298.29	284.17	309.94	1978	1.4	.9	1.1	1.2	1.4	1.3	1.4	1.4	2.4	2.0	1.5	1.1	.8
1978	310.72	292.66	301.02	306.27	298.00	292.98	315.17	307.02	298.15	318.06	315.55	321.03	354.41	1979	1.7	1.7	1.5	2.0	2.0	1.7	1.7	1.6	2.7	1.9	1.6	1.2	.7
1979	349.32	330.01	349.59	350.88	332.47	346.80	360.39	357.36	341.01	356.87	319.77	346.86	393.30	1980	.9	1.3	1.2	1.0	1.0	1.0	.8	.9	1.3	.9	.8	.4	.4
1980	365.81	346.10	346.11	351.52	349.32	350.15	357.75	366.80	348.08	395.93	387.60	391.55	412.67	1981		.6	.6	.7									
1981		411.42	392.35	407.71										LAYOFFS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1.5	1.0	1.2	.9	1.1	.6	.9	1.1	2.8	1.8	2.4	2.2	2.1
1977	6.85	6.66	6.60	6.55	6.58	6.66	6.86	6.80	6.77	7.01	7.24	7.14	7.31	1978	1.3	1.6	1.2	3.7	1.8	.7	1.1	1.2	.8	.4	1.2	1.1	1.1
1978	7.56	7.28	7.36	7.38	7.34	7.27	7.54	7.47	7.38	7.72	7.83	7.83	8.11	1979	.5	1.2	.4	.8	.3	.3	.3	.3	.4	.2	.6	.3	.6
1979	8.20	8.01	8.13	8.16	8.05	8.16	8.44	8.33	8.10	8.28	7.65	8.20	8.74	1980	2.6	1.4	1.2	1.1	3.9	4.6	5.2	3.8	3.2	2.4	2.2	.8	1.4
1980	9.01	8.36	8.34	8.45	8.52	8.82	9.08	9.17	8.79	9.61	9.69	9.74	9.92	1981		1.1	.8	.9									
1981		9.89	9.76	9.92																							

See footnotes at end of tables.

SIC 353
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 353—CONSTRUCTION AND RELATED MACHINERY														SIC 353—CONSTRUCTION AND RELATED MACHINERY (Con.)														
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES														
1977	349.3	342.2	342.0	342.6	343.2	344.6	348.2	349.9	353.9	356.6	353.5	357.1	358.0	1977	1.9	1.4	1.4	1.5	1.4	2.2	2.4	2.0	2.7	2.2	2.2	1.9	1.4	
1978	372.6	360.8	360.2	362.0	365.1	368.4	374.5	374.1	375.4	378.5	380.9	384.5	387.1	1978	2.4	2.0	2.0	1.9	2.1	2.9	3.2	2.4	3.0	2.8	2.8	2.2	1.4	
1979	382.8	389.3	391.1	393.3	394.1	394.6	398.4	396.9	396.2	399.7	359.8	339.2	340.9	1979	2.1	2.5	2.2	2.2	1.9	2.3	2.5	1.9	2.2	2.0	2.1	1.7	1.2	
1980	388.7	397.0	396.0	398.5	396.5	393.3	389.7	380.1	377.5	384.1	378.5	385.1	388.4	1980	1.5	1.8	1.6	1.7	1.3	1.5	1.6	1.4	1.4	1.7	1.4	1.2	1.0	
1981		388.7	390.5	393.4										1981		1.7	1.6	1.8										
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES														
1977	36.2	35.6	35.5	35.9	35.6	35.6	35.8	36.5	36.8	36.9	36.7	36.7	37.0	1977	.8	1.7	1.5	.4	1.4	.5	.5	1.7	.5	.4	.3	.2	.7	
1978	39.8	37.7	37.7	38.1	39.1	39.5	40.1	40.3	40.6	40.6	40.9	41.2	41.5	1978	.3	1.0	.3	.2	.4	.4	.2	.3	.2	.1	.1	.1	.1	
1979	43.0	41.8	42.3	42.8	42.3	42.7	43.7	43.8	44.1	45.1	43.3	41.9	42.3	1979	.3	.2	.1	.2	.1	.1	.2	.4	.5	.1	.2	.3	.9	
1980	48.4	48.4	48.4	48.8	48.2	47.8	48.1	47.5	47.5	48.2	48.6	49.4	50.0	1980	.4	.2	.2	.3	.2	.2	.3	.4	.8	.6	.5	.5	.3	
1981		50.3	50.5	51.2										1981		.9	.6	.6										
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	231.9	226.8	226.6	226.3	226.3	228.3	230.7	231.5	234.8	237.9	234.9	238.4	239.7	1977	2.6	3.9	3.0	2.0	2.9	2.0	3.3	2.2	2.9	2.3	1.9	2.5	2.2	
1978	248.9	240.9	240.5	241.3	243.5	246.0	250.4	249.7	249.8	252.6	254.6	257.5	259.8	1978	2.2	2.4	1.9	2.1	2.0	2.1	2.2	2.3	3.1	2.7	2.3	1.7	1.5	
1979	254.9	261.0	262.4	263.6	265.0	264.3	265.4	264.7	261.2	266.8	236.8	223.8	223.8	1979	2.4	2.2	1.9	2.4	2.1	2.3	2.6	2.3	3.3	2.7	2.4	3.1	1.9	
1980	254.0	264.1	261.9	263.4	261.4	258.3	253.8	244.8	244.9	250.6	244.4	248.5	251.6	1980	2.5	2.5	2.1	2.1	2.7	3.6	3.5	3.1	2.8	2.6	2.6	1.7	1.4	
1981		253.2	256.2	258.8										1981		2.5	2.0	2.1										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	275.88	254.00	259.84	266.62	265.44	269.86	277.22	269.73	279.14	283.98	290.09	290.79	299.63	1977	1.1	.8	.7	1.0	.9	1.1	1.2	1.2	1.9	1.3	1.1	.8	.6	
1978	306.07	287.23	296.36	298.49	298.91	297.62	303.12	294.48	306.79	313.34	317.58	319.60	335.51	1978	1.2	.9	.8	1.1	1.1	1.2	1.3	1.4	2.0	1.7	1.3	.9	.8	
1979	324.12	319.45	325.21	325.63	300.65	321.98	330.26	321.53	329.51	335.71	325.86	323.01	330.22	1979	1.2	1.2	1.0	1.4	1.2	1.3	1.3	1.2	1.9	1.4	1.1	1.0	.6	
1980	351.29	332.52	334.36	340.71	341.88	339.76	346.63	343.80	349.80	359.38	364.67	371.21	388.88	1980	.9	1.0	.9	1.0	.9	.9	.8	.8	1.3	1.1	.9	.6	.5	
1981		381.47	381.41	391.15										1981		.9	.7	.8										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	6.68	6.35	6.40	6.44	6.49	6.55	6.68	6.66	6.71	6.81	6.94	6.94	7.05	1977	1.0	2.5	1.7	.5	1.4	.3	1.5	.4	.4	.4	.3	1.1	1.1	
1978	7.27	7.04	7.09	7.09	7.10	7.12	7.20	7.20	7.27	7.39	7.49	7.52	7.66	1978	.3	.8	.5	.3	.2	.2	.1	.2	.2	.3	.3	.2	.2	
1979	7.81	7.57	7.67	7.68	7.65	7.74	7.92	7.90	7.94	8.07	7.89	7.84	7.90	1979	.5	.3	.3	.3	.2	.3	.5	.5	.5	.8	.6	1.5	.7	
1980	8.61	8.17	8.20	8.31	8.40	8.41	8.58	8.66	8.68	8.83	8.96	9.01	9.15	1980	1.0	.7	.5	.6	1.2	1.9	2.0	1.7	.8	.8	1.2	.7	.5	
1981		9.17	9.28	9.38										1981		.9	.7	.6										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3531—CONSTRUCTION MACHINERY														
1977	41.3	40.0	40.6	41.4	40.9	41.2	41.5	40.5	41.6	41.7	41.8	41.9	42.5	ALL EMPLOYEES—IN THOUSANDS														
1978	42.1	40.8	41.8	42.1	42.1	41.8	42.1	40.9	42.2	42.4	42.4	42.5	43.8	1977	154.0	150.8	150.0	150.4	151.3	151.7	153.1	153.5	155.1	157.3	156.1	159.1	159.9	
1979	41.5	42.2	42.4	42.4	39.3	41.6	41.7	40.7	41.5	41.6	41.3	41.2	41.8	1978	164.1	160.1	160.4	160.6	161.8	162.7	164.6	163.8	164.5	166.3	167.2	168.5	169.0	
1980	40.8	40.7	40.8	41.0	40.7	40.4	40.4	39.7	40.3	40.7	40.7	41.2	42.5	1979	156.2	169.7	170.8	170.9	171.5	171.4	171.5	169.4	169.0	170.1	128.8	106.0	104.9	
1981		41.6	41.1	41.7										1980	148.5	157.8	157.3	158.2	156.2	153.6	149.1	143.1	140.9	143.6	138.4	141.4	141.8	
														1981		142.1	144.5	144.9										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS														
1977	3.4	2.7	2.8	3.1	3.0	3.2	3.4	3.2	3.7	3.8	3.9	3.5	4.2	1977	13.1	13.1	13.0	13.4	13.1	12.9	12.8	13.0	13.2	13.2	13.0	12.9	13.2	
1978	3.9	3.4	3.8	3.9	3.6	3.5	3.8	3.8	3.9	3.9	4.1	3.9	4.5	1978	13.8	13.5	13.4	13.4	14.2	14.1	14.1	14.1	14.0	13.7	13.7	13.7	13.5	
1979	3.4	3.8	3.7	3.6	1.9	3.1	3.3	3.1	3.4	3.6	3.5	3.7	4.1	1979	13.1	13.5	13.7	13.7	13.6	13.6	13.7	13.5	14.0	14.5	12.3	10.2	10.3	
1980	3.0	3.4	3.3	3.3	3.0	2.8	2.7	2.4	2.8	2.9	2.8	2.8	3.6	1980	14.5	15.9	15.5	15.6	14.6	14.2	14.2	13.9	13.8	13.8	13.9	14.3	14.4	
1981		3.3	3.2	3.3										1981		14.6	14.7	14.9										
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS														
1977	2.9	3.4	3.1	2.2	3.1	3.0	3.1	3.9	3.3	2.7	2.6	2.3	2.2	1977	105.4	102.8	102.1	102.5	103.2	103.5	104.2	104.5	105.7	108.1	106.7	109.6	111.3	
1978	2.8	3.2	2.4	2.3	2.6	3.4	3.5	2.8	3.2	3.2	3.1	2.5	1.7	1978	112.5	110.1	110.6	110.2	110.9	111.4	112.5	111.9	111.9	113.7	114.2	115.6	116.5	
1979	2.5	2.8	2.5	2.5	2.2	2.6	2.8	2.6	2.8	2.2	2.5	2.1	2.3	1979	106.2	116.6	117.2	117.4	117.9	117.2	116.7	115.6	113.2	116.0	85.9	71.1	70.0	
1980	2.0	2.4	2.0	2.2	1.7	1.8	2.0	1.9	2.5	2.6	2.1	1.9	1.5	1980	99.3	107.4	106.5	107.4	105.6	103.5	98.8	93.6	93.9	97.1	91.1	92.6	93.6	
1981		2.8	2.4	2.6										1981		94.3	97.1	97.3										

See footnotes at end of tables.

MANUFACTURING

SIC 3532

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3531—CONSTRUCTION MACHINERY (Con.)														SIC 3531—CONSTRUCTION MACHINERY (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	301.02	277.11	280.76	292.52	289.48	291.41	304.38	292.40	303.23	315.17	321.63	318.78	324.79	1977	0.7	0.5	0.5	0.7	0.6	0.7	0.8	0.8	1.3	0.8	0.6	0.5	0.4
1978	332.83	313.13	325.68	321.31	323.11	318.94	330.34	315.22	334.43	343.16	348.20	347.36	366.36	1978	.8	.6	.5	.7	.7	.7	.9	.9	1.2	1.3	.9	.7	.5
1979	349.57	344.42	357.85	357.42	328.18	346.76	363.19	350.88	360.55	366.74	341.48	331.24	331.57	1979	.8	.8	.7	.8	.8	.7	.9	.8	1.3	.9	.7	.5	.3
1980	371.11	353.86	357.75	368.68	364.80	355.42	370.37	368.81	366.15	376.94	382.62	391.22	403.97	1980	.5	.6	.5	.6	.5	.5	.4	.4	.6	.5	.4	.3	.3
1981		403.13	408.86	428.09										1981		.4	.4	.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	7.36	6.98	7.09	7.10	7.13	7.16	7.37	7.31	7.36	7.54	7.75	7.70	7.77	1977	1.5	3.9	2.9	.5	2.6	.3	2.8	.6	.3	.1	.2	2.0	2.0
1978	8.02	7.77	7.81	7.78	7.73	7.76	7.96	7.92	8.02	8.19	8.35	8.35	8.52	1978	.2	.4	.4	.2	.3	.2	.1	.1	.2	.3	.4	.1	.2
1979	8.61	8.38	8.50	8.51	8.48	8.52	8.88	8.75	8.73	8.88	8.58	8.45	8.48	1979	.8	.4	.4	.4	.4	.2	.7	.2	.6	1.4	1.1	3.9	1.8
1980	9.54	9.05	9.08	9.24	9.33	9.28	9.62	9.68	9.56	9.74	9.99	9.98	10.15	1980	1.5	.7	.5	1.0	1.9	2.8	3.2	2.8	1.4	.9	1.8	.8	.8
1981		10.18	10.43	10.57										1981		.8	.7	.8									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3532—MINING MACHINERY													
1977	40.9	39.7	39.6	41.2	40.6	40.7	41.3	40.0	41.2	41.8	41.5	41.4	41.8	ALL EMPLOYEES—IN THOUSANDS													
1978	41.5	40.3	41.7	41.3	41.8	41.1	41.5	39.8	41.7	41.9	41.7	41.6	43.0	1977	34.0	33.7	33.7	33.6	33.4	33.4	33.9	34.3	34.7	35.0	35.1	33.3	33.8
1979	40.6	41.1	42.1	42.0	38.7	40.7	40.9	40.1	41.3	41.3	39.8	39.2	39.1	1978	33.7	33.1	32.2	32.5	33.4	33.9	34.3	34.2	34.2	34.3	34.2	33.9	33.9
1980	38.9	39.1	39.4	39.9	39.1	38.3	38.5	38.1	38.3	38.7	38.3	39.2	39.8	1979	35.6	33.8	33.8	34.0	34.3	34.6	35.3	35.5	36.4	36.8	37.1	37.6	37.9
1981		39.6	39.2	40.5										1980	37.9	38.3	38.7	39.0	38.9	38.4	38.7	36.5	37.5	37.3	36.3	37.6	38.0
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		38.2	38.1	38.7									
1977	3.0	2.3	2.3	3.1	2.8	2.7	2.9	2.8	3.0	3.4	3.3	3.0	3.7	PRODUCTION WORKERS—IN THOUSANDS													
1978	3.1	3.0	3.4	3.3	3.0	3.0	3.0	3.0	3.2	3.4	3.2	2.9	3.3	1977	21.8	21.9	21.9	21.7	21.4	21.5	21.6	21.9	22.1	22.3	22.3	21.3	21.4
1979	2.5	2.5	3.0	2.9	1.6	2.5	2.5	2.3	2.5	2.5	2.3	2.2	2.6	1978	21.4	20.9	20.1	20.3	21.0	21.5	21.9	21.8	21.8	21.9	22.0	21.7	21.7
1980	1.5	2.4	2.4	2.2	1.8	1.1	1.1	.8	1.1	1.1	1.1	1.3	1.7	1979	22.6	21.5	21.6	21.9	21.9	22.0	22.4	22.3	23.0	23.4	23.4	23.8	23.9
1981		1.8	1.8	1.9										1980	23.5	24.4	24.8	24.5	24.4	23.8	24.0	22.1	22.9	22.8	22.2	23.0	23.5
ACCESSIONS PER 100 EMPLOYEES														1981		23.7	23.6	24.1									
1977	3.0	4.7	4.3	2.0	4.1	2.3	2.9	4.9	2.6	2.1	1.8	1.8	2.4	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	2.3	3.6	1.9	1.9	2.3	2.3	2.8	2.3	2.3	2.7	2.6	1.9	1.4	1977	259.37	244.00	252.14	252.94	249.71	259.29	260.98	258.05	262.52	260.09	268.71	269.12	274.73
1979	2.0	2.5	2.2	2.0	1.7	1.8	2.1	1.8	1.8	1.5	1.7	1.8	3.5	1978	295.53	266.06	276.06	284.82	284.54	292.73	291.07	286.23	294.42	306.59	315.66	314.63	329.43
1980	1.4	1.5	1.3	2.0	.9	.8	1.0	1.0	2.5	2.0	1.4	1.1	1.2	1979	331.27	324.63	330.71	322.24	305.66	320.02	324.79	338.19	329.47	336.66	345.66	340.17	354.28
1981		2.1	1.9	2.0										1980	352.31	341.11	347.31	357.81	351.50	344.02	344.43	337.50	341.48	349.00	355.88	370.66	384.93
NEW HIRES PER 100 EMPLOYEES														1981		375.16	380.64	385.63									
1977	1.3	1.0	1.0	1.1	1.0	1.3	1.8	1.2	1.9	1.7	1.5	1.4	1.1	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	1.8	1.4	1.5	1.5	1.8	2.0	2.4	1.9	2.0	2.3	2.3	1.6	1.1	1977	6.42	6.10	6.18	6.23	6.29	6.45	6.46	6.50	6.45	6.47	6.57	6.58	6.75
1979	1.4	2.0	1.8	1.6	1.4	1.4	1.7	1.3	1.2	1.3	1.1	.8	.5	1978	7.07	6.77	6.85	6.93	6.94	7.02	6.98	7.05	7.01	7.13	7.29	7.30	7.47
1980	.6	1.0	.9	1.2	.5	.5	.5	.5	.4	.5	.4	.3	.5	1979	7.85	7.48	7.62	7.60	7.68	7.73	7.77	8.11	7.92	7.94	8.02	8.08	8.22
1981		.8	.7	.9										1980	8.51	8.18	8.23	8.36	8.29	8.35	8.36	8.48	8.58	8.66	8.68	8.91	9.10
RECALLS PER 100 EMPLOYEES														1981		9.04	9.15	9.27									
1977	1.4	3.3	2.9	.5	2.7	.6	.8	3.5	.6	.3	.2	.2	1.2	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	.3	2.0	.3	.2	.3	.2	.2	.3	.2	.2	.1	.1	.1	1977	40.4	40.0	40.8	40.6	39.7	40.2	40.4	39.7	40.7	40.2	40.9	40.9	40.7
1979	.4	.3	.2	.2	.1	.2	.2	.3	.4	.1	.3	.9	2.8	1978	41.8	39.3	40.3	41.1	41.0	41.7	41.7	40.6	42.0	43.0	43.3	43.1	44.1
1980	.6	.3	.3	.5	.3	.2	.4	.4	1.7	1.0	.6	.7	.6	1979	42.2	43.4	43.4	42.4	39.8	41.4	41.8	41.7	41.6	42.4	43.1	42.1	43.1
1981		1.2	1.0	.9										1980	41.4	41.7	42.2	42.8	42.4	41.2	41.2	39.8	39.8	40.3	41.0	41.6	42.3
SEPARATIONS PER 100 EMPLOYEES														1981		41.5	41.6	41.6									
1977	2.7	4.9	3.9	1.7	3.8	1.5	4.1	1.9	2.1	1.4	1.2	2.9	2.8	PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1978	1.6	1.6	1.4	1.6	1.5	1.5	1.5	1.6	2.0	2.2	1.9	1.3	1.2	1977	3.0	2.5	2.7	2.9	2.5	3.1	3.2	2.6	3.5	3.0	3.6	3.1	2.7
1979	2.2	1.8	1.6	1.8	1.7	1.5	2.2	1.6	2.7	2.8	2.4	4.8	2.5	1978	3.5	2.4	2.7	3.2	3.0	3.4	4.1	3.7	3.5	3.4	3.8	3.6	4.8
1980	2.5	1.7	1.6	2.1	2.9	4.1	4.3	3.8	2.5	1.9	2.5	1.4	1.4	1979	3.4	4.2	4.7	3.7	1.9	3.1	3.1	3.0	3.3	3.8	3.6	3.1	3.8
1981		1.6	1.7	2.0										1980	2.9	3.6	3.8	4.3	3.5	2.7	2.5	2.1	2.2	2.3	2.3	2.4	3.4
														1981		2.5	2.8	2.8									

See footnotes at end of tables.

SIC 3533

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3533—OIL FIELD MACHINERY														SIC 3533—OIL FIELD MACHINERY (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	69.4	67.2	67.3	67.8	68.2	68.2	69.3	70.4	71.5	71.9	68.9	70.8	71.8	1977	3.0	2.0	2.0	2.6	2.0	3.8	3.5	3.2	3.8	3.5	3.9	2.9	2.2
1978	77.3	72.8	72.5	73.9	74.6	75.6	77.9	78.6	79.0	79.2	80.0	81.2	81.8	1978	3.7	3.7	3.4	3.3	3.1	4.7	4.7	3.7	4.2	3.8	4.0	3.0	2.3
1979	84.6	82.6	83.1	84.1	84.0	84.2	85.1	85.4	85.0	84.5	84.9	85.6	86.9	1979	3.0	3.2	3.1	3.2	2.9	3.4	3.4	3.0	3.5	2.8	3.3	2.6	1.8
1980	93.9	88.2	88.7	89.9	90.6	92.2	93.6	93.8	94.8	96.5	97.4	99.6	100.9	1980	3.1	3.2	2.7	3.2	3.0	3.7	3.4	3.3	3.3	3.9	3.1	2.5	2.1
1981		101.8	102.1	104.0										1981		3.3	3.3	3.6									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	8.1	8.0	8.0	7.9	7.9	7.9	8.1	8.2	8.2	8.4	8.0	8.1	8.2	1977	.3	.2	.3	.3	.3	.3	.2	.2	.3	.7	.5	.3	.2
1978	9.2	8.4	8.4	8.6	8.7	8.9	9.3	9.5	9.5	9.5	9.7	9.9	10.1	1978	.1	.2	.2	.1	.1	.1	.1	.1	(¹)	.1	.1	.1	.1
1979	11.4	10.4	10.6	10.9	11.0	11.2	11.5	11.7	11.5	11.6	11.9	12.0	12.2	1979	.2	(¹)	(¹)	(¹)	(¹)	.1	.1	1.0	1.0	.1	(¹)	(¹)	(¹)
1980	13.5	12.4	12.5	12.8	12.9	13.3	13.6	13.7	13.7	13.8	14.0	14.3	14.4	1980	.1	.2	.1	.1	.1	(¹)	(¹)	(¹)	(¹)	.1	.1	(¹)	(¹)
1981		14.7	14.7	15.0										1981		.1	(¹)	.1									(¹)
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	47.2	45.9	46.0	45.9	45.8	46.2	47.1	47.8	48.6	49.1	46.7	47.8	48.9	1977	3.0	4.3	2.2	2.9	2.4	2.8	2.7	2.7	4.4	3.3	2.9	2.8	2.1
1978	53.3	49.7	49.4	50.7	51.3	52.3	54.0	54.6	54.6	54.9	55.6	56.2	56.7	1978	3.0	2.7	2.6	2.8	2.8	3.1	3.2	3.6	4.8	3.5	2.8	1.9	1.8
1979	58.1	57.8	58.0	58.1	57.9	58.1	58.1	58.4	57.8	57.6	57.7	58.4	59.1	1979	2.9	3.0	2.6	3.0	2.7	3.5	3.3	3.6	4.2	2.9	2.5	2.5	1.5
1980	64.3	60.3	60.5	61.5	62.2	63.3	64.3	64.3	65.4	66.0	66.6	67.8	68.8	1980	2.3	2.7	2.2	2.3	2.2	2.4	2.3	2.3	3.3	2.8	2.2	1.6	1.5
1981		69.9	70.5	72.1										1981		2.7	1.8	2.2									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	265.31	241.78	250.38	256.01	257.13	263.59	263.22	263.95	275.79	266.64	273.02	278.81	292.05	1977	1.8	1.5	1.2	1.7	1.4	1.8	1.7	1.8	3.1	2.2	2.0	1.5	1.2
1978	295.03	280.15	284.91	292.79	287.98	289.30	287.10	285.12	294.13	300.08	302.57	309.52	324.10	1978	1.9	1.7	1.5	1.8	1.8	2.1	2.2	2.4	3.3	2.3	1.9	1.2	1.1
1979	310.89	309.72	300.24	308.70	281.40	315.42	307.45	298.16	308.55	314.08	316.94	329.28	336.38	1979	1.9	2.0	1.7	1.9	1.9	2.3	2.0	1.8	3.1	2.1	1.6	1.6	1.0
1980	358.16	325.71	327.08	332.21	343.87	351.92	346.09	345.56	363.38	370.05	382.10	389.08	409.62	1980	1.5	1.6	1.3	1.6	1.4	1.6	1.3	1.4	2.4	1.9	1.4	1.0	1.0
1981		398.05	396.83	400.37										1981		1.8	1.2	1.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.17	5.84	5.85	5.94	6.05	6.13	6.15	6.24	6.34	6.23	6.32	6.38	6.49	1977	.4	2.1	.3	.5	.3	.2	.3	.1	.3	.1	.1	.1	.2
1978	6.69	6.47	6.49	6.55	6.56	6.59	6.60	6.60	6.70	6.82	6.83	6.94	7.00	1978	.1	.2	.1	.2	.1	(¹)	(¹)	.2	.2	.2	(¹)	.1	.1
1979	7.23	6.96	6.95	7.00	7.00	7.12	7.15	7.15	7.26	7.39	7.44	7.64	7.68	1979	.2	(¹)	.1	(¹)	(¹)	.3	.3	1.0	.1	.1	.1	.1	(¹)
1980	8.14	7.61	7.66	7.78	7.96	7.98	8.03	8.15	8.24	8.26	8.51	8.57	8.66	1980	.1	.2	.1	(¹)	(¹)	.1	.1	.1	(¹)	.1	.1	(¹)	(¹)
1981		8.71	8.76	8.78										1981		.1	(¹)	(¹)									(¹)
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3535—CONVEYORS AND CONVEYING EQUIPMENT													
1977	43.0	41.4	42.8	43.1	42.5	43.0	42.8	42.3	43.5	42.8	43.2	43.7	45.0	ALL EMPLOYEES—IN THOUSANDS													
1978	44.1	43.3	43.9	44.7	43.9	43.9	43.5	43.2	43.9	44.0	44.3	44.6	46.3	1977	29.4	27.8	27.7	27.7	28.2	28.6	29.1	29.3	29.9	30.3	30.9	31.1	31.6
1979	43.0	44.5	43.2	44.1	40.2	44.3	43.0	41.7	42.5	42.5	42.6	43.1	43.8	1978	31.9	31.4	31.5	31.6	31.4	31.7	32.2	32.1	32.2	32.0	32.0	32.2	33.0
1980	44.0	42.8	42.7	42.7	43.2	44.1	43.1	42.4	44.1	44.8	44.9	45.4	47.3	1979	34.0	33.1	33.1	32.9	32.8	33.2	33.9	33.8	34.0	34.5	34.8	35.3	36.1
1981		45.7	45.3	45.6										1980	35.1	36.0	35.4	35.4	35.4	35.6	35.5	34.7	35.0	34.6	34.4	34.6	35.1
1981														1981		34.6	34.2	33.9									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.9	3.9	4.4	4.4	4.6	5.1	4.9	5.0	5.6	5.0	5.2	4.7	5.9	1977	17.4	16.2	16.2	16.0	16.3	16.6	17.2	17.3	17.9	18.3	18.7	18.8	19.2
1978	5.3	4.7	5.3	5.4	4.9	4.7	5.2	5.1	5.2	5.4	5.9	5.6	6.5	1978	19.0	19.0	18.9	18.7	18.7	18.8	19.2	18.9	19.1	18.8	18.8	18.9	19.6
1979	4.8	6.1	4.4	5.2	2.9	4.3	4.6	4.5	4.5	4.8	5.0	5.4	5.9	1979	20.4	19.5	19.9	19.7	20.5	20.3	20.5	20.5	20.4	20.7	20.6	21.0	21.7
1980	5.5	5.3	5.0	5.2	5.3	5.8	5.3	5.1	5.5	5.7	5.4	5.5	6.4	1980	19.8	21.7	20.2	20.1	20.0	20.2	19.8	19.0	19.3	19.0	19.0	19.2	19.6
1981		6.2	5.7	6.3										1981		19.3	19.2	19.2									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.5	2.6	2.5	3.0	2.4	4.4	3.9	3.6	4.3	4.3	4.6	3.4	2.6	1977	234.77	202.01	212.50	215.36	223.02	228.25	243.80	239.51	247.53	245.34	242.80	249.95	253.73
1978	4.0	4.2	3.8	3.5	3.4	5.2	5.0	3.9	4.6	4.0	4.3	3.3	2.6	1978	257.27	236.41	243.19	249.83	259.98	256.81	259.01	266.05	263.30	254.56	256.85	263.11	277.33
1979	3.4	3.4	3.2	3.4	3.1	3.8	3.7	4.2	4.7	2.9	3.4	2.7	1.9	1979	282.05	265.85	268.16	271.55	254.87	271.41	280.43	292.28	288.93	294.17	293.82	309.21	
1980	3.4	3.8	2.9	3.4	3.2	3.8	3.5	3.5	3.5	4.2	3.3	3.0	2.2	1980	313.43	298.91	302.73	301.67	304.78	309.50	311.04	315.61	321.58	320.39	321.59	315.59	336.20
1981		3.7	3.5	3.9										1981		319.80	310.57	311.33									

See footnotes at end of tables.

MANUFACTURING

SIC 354

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3535—CONVEYORS AND CONVEYING EQUIPMENT (Con.)														SIC 3537—INDUSTRIAL TRUCKS AND TRACTORS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	5.63	5.22	5.26	5.24	5.40	5.54	5.75	5.73	5.77	5.80	5.74	5.84	5.97	1977	2.8	2.6	2.1	1.9	2.2	2.6	2.8	2.0	2.9	3.5	3.9	3.1	4.2
1978	6.14	5.94	5.99	6.02	6.19	6.10	6.08	6.26	6.21	6.09	6.13	6.22	6.39	1978	3.5	3.5	3.8	3.6	3.4	2.6	3.1	2.9	3.7	3.2	3.9	3.8	4.3
1979	6.78	6.36	6.40	6.45	6.42	6.54	6.67	6.79	7.06	7.03	7.14	7.08	7.31	1979	3.0	3.7	3.5	3.1	1.4	2.2	3.3	2.5	3.1	3.6	3.2	3.0	3.5
1980	7.72	7.22	7.33	7.34	7.47	7.68	7.68	7.91	7.96	7.95	7.98	8.01	8.22	1980	2.1	2.6	2.4	2.4	2.1	1.8	2.0	1.4	2.0	2.1	1.8	1.8	2.1
1981		8.20	8.13	8.15										1981		2.3	2.3	1.9									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 354—METALWORKING MACHINERY													
1977	41.7	38.7	40.4	41.1	41.3	41.2	42.4	41.8	42.9	42.3	42.3	42.8	42.5	ALL EMPLOYEES—IN THOUSANDS													
1978	41.9	39.8	40.6	41.5	42.0	42.1	42.6	42.5	42.4	41.8	41.9	42.3	43.4	1977	324.7	317.4	317.9	319.5	320.9	322.4	325.4	321.2	322.0	329.3	329.0	333.5	337.9
1979	41.6	41.8	41.9	42.1	39.7	41.5	42.9	41.3	41.4	41.1	41.2	41.5	42.3	1978	346.7	338.3	341.0	344.8	345.1	345.5	347.2	344.9	343.6	348.2	350.1	353.7	357.8
1980	40.6	41.4	41.3	41.1	40.8	40.3	40.5	39.9	40.4	40.3	40.3	39.4	40.9	1979	368.8	360.0	363.3	364.3	366.1	364.9	370.5	366.9	369.0	371.8	374.3	376.7	378.3
1981		39.0	38.2	38.2										1980	372.0	379.2	380.7	382.0	381.0	376.5	372.5	366.6	362.9	363.3	364.1	366.7	368.3
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.7	1.6	1.9	2.7	3.2	3.3	4.4	3.9	4.4	4.6	4.7	4.8	4.5	1977	47.0	44.8	45.0	45.6	45.9	46.6	46.9	46.5	47.2	47.8	48.4	49.4	49.7
1978	4.2	3.4	3.9	3.6	3.9	4.2	4.4	4.6	4.6	3.9	4.1	4.0	5.3	1978	52.3	50.2	50.8	51.3	51.9	51.8	52.5	52.2	52.3	52.7	53.5	54.0	54.4
1979	3.6	4.0	3.6	3.9	2.5	3.4	4.2	4.0	4.0	3.5	3.4	3.7	3.5	1979	56.2	55.3	56.0	56.5	55.0	55.4	56.1	55.6	56.1	56.1	56.9	57.3	57.7
1980	2.9	2.8	2.9	3.0	2.6	3.2	2.8	3.0	2.8	3.0	2.9	2.3	3.8	1980	57.7	58.1	59.0	59.4	59.3	58.6	58.0	56.8	56.3	56.1	56.8	57.0	57.1
1981		2.8	2.4	2.4										1981		56.9	56.9	57.0									
SIC 3537—INDUSTRIAL TRUCKS AND TRACTORS														PRODUCTION WORKERS—IN THOUSANDS													
1977	32.3	31.2	31.6	31.7	31.6	32.2	32.4	32.3	32.7	32.8	33.3	33.7	32.3	1977	235.6	230.2	230.5	232.1	233.0	234.1	236.5	231.6	232.2	239.2	238.3	243.0	246.9
1978	35.9	34.6	34.7	34.6	34.9	35.2	35.7	36.0	36.1	36.5	36.8	37.6	38.0	1978	252.9	247.5	249.9	252.4	251.9	251.9	252.3	250.6	249.3	254.5	255.1	257.9	261.0
1979	38.7	38.0	38.2	38.9	38.7	38.5	39.2	39.1	39.0	38.7	38.7	38.6	38.6	1979	271.3	263.2	266.0	266.4	270.8	269.6	273.5	269.6	270.1	273.5	275.4	277.1	280.1
1980	36.9	39.8	39.2	39.3	38.6	37.0	36.3	35.5	33.2	36.0	35.8	36.1	36.3	1980	271.8	280.3	281.2	281.9	280.9	276.0	271.5	265.5	262.1	263.7	263.9	266.6	267.8
1981		36.3	36.3	36.4										1981		265.1	264.0	262.2									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	22.1	21.2	21.4	21.4	21.3	22.1	22.2	21.9	22.5	22.6	23.0	23.4	21.8	1977	279.72	262.50	271.56	270.08	269.66	272.00	279.29	274.55	278.20	284.26	291.27	296.59	305.10
1978	24.9	24.0	24.2	24.1	24.2	24.5	24.8	25.0	24.9	25.2	25.6	26.3	26.5	1978	308.88	294.25	301.64	304.58	303.85	303.10	306.24	302.93	301.10	311.58	316.24	324.12	335.51
1979	26.8	26.2	26.3	26.9	26.8	26.9	27.1	27.2	27.2	27.0	26.9	26.7	26.0	1979	329.30	326.64	329.89	332.72	309.86	323.76	327.75	317.48	321.00	334.18	336.01	341.39	352.54
1980	24.4	27.0	26.6	26.7	26.1	24.7	24.1	23.2	21.2	23.4	23.2	23.4	23.5	1980	348.08	348.13	347.85	346.40	341.65	343.48	343.51	330.48	338.24	348.19	350.70	361.25	372.82
1981		23.9	24.2	24.4										1981		368.46	365.75	372.66									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	245.22	233.05	238.58	237.98	238.55	245.18	244.17	228.92	234.23	254.00	258.54	255.63	268.39	1977	6.49	6.28	6.33	6.34	6.36	6.40	6.45	6.46	6.50	6.58	6.65	6.68	6.75
1978	271.17	255.27	265.79	268.51	266.09	261.05	269.37	260.56	271.17	273.91	280.98	281.93	298.74	1978	7.02	6.78	6.83	6.84	6.86	6.89	6.92	6.96	6.98	6.97	7.13	7.22	7.30
1979	290.50	289.12	292.88	288.43	271.47	280.99	295.36	283.86	286.56	295.16	297.60	295.89	308.90	1979	7.57	7.39	7.43	7.46	7.36	7.46	7.50	7.47	7.50	7.70	7.76	7.83	7.94
1980	299.92	290.66	290.72	296.56	296.38	297.96	302.25	292.81	280.87	303.62	300.96	316.34	328.84	1980	8.19	7.93	7.96	8.00	8.02	8.12	8.14	8.14	8.17	8.31	8.39	8.52	8.63
1981		317.07	310.66	311.33										1981		8.69	8.75	8.81									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	6.04	5.90	5.92	5.92	5.89	5.98	5.97	5.90	5.90	6.15	6.26	6.25	6.33	1977	43.1	41.8	42.9	42.6	42.4	42.5	43.3	42.5	42.8	43.2	43.8	44.4	45.2
1978	6.63	6.43	6.42	6.47	6.49	6.51	6.57	6.63	6.63	6.73	6.82	6.81	6.98	1978	44.0	43.4	44.1	44.4	44.1	43.8	44.0	43.4	43.2	43.7	43.8	44.4	45.4
1979	7.12	6.95	6.99	6.95	6.89	7.06	7.10	7.15	7.20	7.27	7.33	7.27	7.32	1979	43.5	44.2	44.4	44.6	44.2	43.4	43.7	42.5	42.8	43.4	43.3	43.6	44.4
1980	7.71	7.34	7.36	7.47	7.58	7.64	7.75	7.85	7.53	7.99	7.92	8.07	8.18	1980	42.5	43.9	43.7	43.3	42.6	42.3	42.2	40.6	41.4	41.9	41.8	42.4	43.2
1981		8.13	8.09	8.15										1981		42.4	41.8	42.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	40.6	39.5	40.3	40.2	40.5	41.0	40.9	38.8	39.7	41.3	41.3	40.9	42.4	1977	5.5	5.2	5.4	5.3	5.0	5.1	5.5	5.2	5.5	5.6	5.8	6.2	6.6
1978	40.9	39.7	41.4	41.5	41.0	40.1	41.0	39.3	40.9	40.7	41.2	41.4	42.8	1978	5.9	5.9	6.3	6.0	5.9	5.6	5.6	5.4	5.2	5.9	5.9	6.3	6.8
1979	40.8	41.6	41.9	41.5	39.4	39.8	41.6	39.7	39.8	40.6	40.6	40.7	42.2	1979	5.7	6.2	6.4	6.4	4.2	5.5	5.6	5.1	5.3	5.6	5.6	5.8	6.1
1980	38.9	39.6	39.5	39.7	39.1	39.0	39.0	37.3	37.3	38.0	38.0	39.2	40.2	1980	4.8	5.8	5.7	5.5	4.9	4.6	4.5	3.8	3.9	4.3	4.3	4.7	5.0
1981		39.0	38.4	38.2										1981		4.7	4.4	4.5									

SIC 354
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 354—METALWORKING MACHINERY (Con.)														SIC 3541—MACHINE TOOLS, METAL CUTTING TYPES (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.8	3.1	2.4	3.0	2.5	3.1	3.5	2.6	3.3	3.2	3.0	2.6	1.9	1977	41.9	40.9	41.4	41.5	41.0	40.8	41.0	41.0	41.2	42.7	42.4	43.5	45.0
1978	2.8	2.9	2.3	2.6	2.7	3.4	3.3	2.5	2.9	3.2	3.3	2.4	2.0	1978	45.9	45.2	46.1	45.8	45.6	45.7	45.5	46.3	45.7	46.6	45.6	46.3	46.8
1979	2.9	3.5	2.9	2.9	2.7	3.1	3.8	2.8	3.0	3.0	3.0	2.3	1.9	1979	51.2	47.7	48.7	49.1	51.2	51.1	51.5	51.1	51.0	51.8	52.5	53.0	55.2
1980	2.3	2.9	2.5	2.6	1.9	2.3	2.5	1.9	2.2	2.3	2.5	2.0	1.5	1980	54.4	55.1	55.4	55.4	55.7	56.0	54.8	55.0	53.2	52.6	52.7	53.6	53.5
1981		2.2	2.1	2.1										1981		53.2	52.6	52.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.2	2.3	1.8	2.2	1.8	2.4	2.9	2.0	2.8	2.7	2.4	2.1	1.4	1977	290.18	266.46	276.46	273.70	279.68	283.16	291.28	284.19	288.63	293.23	306.43	311.21	321.08
1978	2.3	2.4	1.8	2.1	2.2	2.7	2.8	2.1	2.5	2.7	2.7	2.1	1.6	1978	322.56	306.05	313.98	320.81	316.85	316.80	323.18	311.03	310.87	326.03	332.57	340.80	352.20
1979	2.4	2.9	2.4	2.4	2.3	2.6	3.2	2.2	2.5	2.5	2.6	1.9	1.4	1979	344.21	339.15	342.45	341.69	317.37	333.32	336.60	325.04	334.95	351.30	359.84	364.05	377.48
1980	1.6	2.3	2.1	2.2	1.6	1.7	1.8	1.1	1.3	1.6	1.6	1.3	.9	1980	366.64	366.38	369.90	364.97	361.68	363.49	361.05	341.54	351.95	364.63	370.66	383.24	401.40
1981		1.6	1.5	1.4										1981		387.19	382.73	387.56									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.4	.5	.5	.6	.5	.4	.4	.4	.3	.3	.3	.3	.3	1977	6.61	6.39	6.37	6.38	6.40	6.45	6.59	6.64	6.62	6.71	6.84	6.87	6.98
1978	.3	.3	.3	.3	.3	.4	.3	.3	.3	.2	.4	.2	.2	1978	7.20	6.94	7.04	7.02	7.01	7.04	7.15	7.15	7.13	7.31	7.44	7.49	7.64
1979	.3	.3	.3	.3	.2	.3	.4	.3	.3	.2	.3	.2	.3	1979	7.77	7.52	7.61	7.61	7.45	7.61	7.65	7.63	7.70	7.93	8.05	8.09	8.26
1980	.4	.4	.3	.3	.2	.4	.4	.6	.6	.6	.6	.5	.4	1980	8.39	8.16	8.22	8.22	8.22	8.28	8.30	8.31	8.34	8.46	8.60	8.71	8.92
1981		.5	.4	.5										1981		8.84	8.88	8.93									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.4	2.6	2.2	2.3	2.2	2.2	2.4	2.6	3.4	2.8	2.5	2.1	1.6	1977	43.9	41.7	43.4	42.9	43.7	43.9	44.2	42.8	43.6	43.7	44.8	45.3	46.0
1978	2.5	2.4	2.0	2.5	2.5	2.5	2.5	2.4	3.3	3.2	2.4	1.9	1.8	1978	44.8	44.1	44.6	45.7	45.2	45.0	45.2	43.5	43.6	44.6	44.7	45.5	46.1
1979	2.5	2.5	2.1	2.6	2.3	2.3	2.6	2.6	3.8	2.9	2.6	2.2	1.9	1979	44.3	45.1	45.0	44.9	42.6	43.8	44.0	42.6	43.5	44.3	44.7	45.0	45.7
1980	2.5	2.3	2.0	2.6	2.8	3.0	2.5	3.0	3.5	2.7	2.6	1.9	1.6	1980	43.7	44.9	45.0	44.4	44.0	43.9	43.5	41.1	42.2	43.1	43.1	44.0	45.0
1981		2.8	2.2	2.4										1981		43.8	43.1	43.4									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.2	1.1	.9	1.1	1.2	1.2	1.3	1.3	2.0	1.8	1.3	1.0	.7	1977	5.4	4.4	4.8	4.6	4.7	4.9	5.4	5.2	5.6	5.6	5.8	6.4	7.0
1978	1.4	1.2	.9	1.3	1.4	1.3	1.5	1.2	2.2	1.9	1.4	1.0	.9	1978	6.4	6.0	6.4	6.6	6.2	6.0	6.4	5.5	5.6	6.3	6.8	7.3	7.6
1979	1.4	1.3	1.1	1.4	1.3	1.3	1.4	1.3	2.3	1.7	1.3	1.0	.7	1979	6.2	6.6	6.7	6.5	4.8	5.8	5.8	5.3	5.8	6.4	6.6	6.8	7.3
1980	1.0	1.2	1.0	1.2	1.0	1.0	.8	.9	1.4	1.2	1.0	.7	.5	1980	5.9	6.5	6.7	6.5	6.0	6.1	5.9	4.8	4.8	5.3	5.2	5.8	6.5
1981		1.0	.8	.8										1981		5.3	5.0	5.1									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.5	.9	.6	.5	.4	.4	.5	.7	.6	.3	.5	.3	.3	1977	1.9	2.0	1.8	1.9	1.6	2.3	2.4	1.7	2.2	1.9	2.3	1.7	1.3
1978	.4	.4	.5	.5	.4	.5	.3	.6	.3	.3	.3	.2	.3	1978	2.1	2.2	1.9	1.8	1.7	2.6	2.7	1.8	2.2	2.2	2.7	1.8	1.4
1979	.4	.3	.3	.3	.3	.2	.3	.5	.5	.3	.5	.5	.6	1979	2.4	2.6	2.4	2.5	2.1	2.6	3.5	1.9	2.4	2.4	2.4	2.0	1.7
1980	.9	.4	.3	.6	1.2	1.3	1.0	1.4	1.3	.9	1.0	.8	.5	1980	1.6	2.2	1.8	1.9	1.5	2.1	2.1	1.4	1.2	1.6	1.2	1.0	.8
1981		1.2	.7	.9										1981		1.4	1.3	1.0									
SIC 3541—MACHINE TOOLS, METAL CUTTING TYPES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	65.2	63.7	64.0	64.2	64.0	63.9	64.4	64.6	65.1	66.7	66.0	66.9	68.6	1977	1.5	1.5	1.3	1.4	1.2	1.8	2.0	1.4	1.9	1.7	1.9	1.4	1.0
1978	70.9	69.1	69.7	70.2	70.3	70.5	70.6	71.5	71.1	71.7	71.2	72.2	72.8	1978	1.8	2.0	1.6	1.6	1.5	2.2	2.4	1.6	1.8	1.9	2.5	1.6	1.2
1979	77.4	73.5	74.6	75.3	76.1	76.2	77.7	77.4	77.8	78.5	79.6	80.6	81.1	1979	2.1	2.3	2.1	2.1	1.9	2.2	3.2	1.7	2.2	2.1	2.2	1.8	1.4
1980	81.4	81.4	82.0	82.1	82.7	83.1	81.9	82.6	80.4	79.3	79.6	81.1	80.9	1980	1.4	2.0	1.7	1.7	1.4	1.8	1.9	1.2	1.0	1.3	1.0	.8	.6
1981		80.7	80.3	80.3										1981		1.1	1.0	.9									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	7.3	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.4	7.5	7.6	7.7	7.7	1977	.3	.4	.4	.4	.3	.3	.3	.2	.2	.1	.3	.2	.2
1978	8.4	7.9	8.0	8.2	8.3	8.3	8.5	8.5	8.6	8.4	8.6	8.8	8.9	1978	.2	.1	.2	.1	.1	.2	.2	.1	.3	.2	.2	.1	.1
1979	9.7	9.0	9.2	9.4	9.4	9.6	9.7	9.9	9.8	9.8	9.9	10.2	10.5	1979	.1	.1	.2	.3	.1	.2	.2	.1	.1	.2	.1	.1	.1
1980	10.5	10.5	10.6	10.7	10.7	10.8	10.6	10.6	10.4	10.2	10.3	10.6	10.5	1980	.1	.1	.1	.1	(⁵)	.1	.1	.2	.1	.1	.1	.1	.1
1981		10.7	10.8	10.8										1981		.2	.2	.1									

See footnotes at end of tables.

MANUFACTURING

SIC 3544

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3541—MACHINE TOOLS, METAL CUTTING TYPES (Con.)

SEPARATIONS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
	1.7	1.6	1.8	1.8	1.7	2.0	1.5	1.5	2.5	2.2	1.7	1.3	1.1	1.7	1.6	1.7	1.5	1.3
	1.7	1.6	1.7	1.6	1.5	1.7	1.8	1.8	2.5	1.8	1.3	1.4	1.2	1.7	1.6	1.7	1.5	1.3
	1.7	2.2	1.7	1.9	1.4	1.5	1.9	1.4	2.6	2.0	1.6	1.2	1.2	1.7	1.6	1.7	1.5	1.3
	1.5	1.7	1.3	1.5	1.7	1.6	1.7	1.7	2.3	1.5	1.4	1.0	1.0	1.5	1.7	1.3	1.5	1.3
		1.8	1.2	1.3														

QUITS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
	.8	.7	.5	.8	.8	.8	.9	.8	1.4	1.3	.8	.6	.5	.8	.7	.5	.8	.5
	.9	.8	.7	.9	.8	.9	1.1	.9	1.6	1.3	.7	.8	.6	.9	.8	.7	.9	.6
	1.0	1.1	.8	1.0	.8	.9	1.1	.8	1.8	1.4	.9	.7	.6	1.0	1.1	.8	1.0	.6
	.7	.9	.7	.8	.6	.6	.7	.6	1.3	1.0	.7	.4	.3	.7	.9	.7	.8	.3
		.7	.5	.5														

LAYOFFS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
	.4	.4	.6	.4	.3	.6	.1	.2	.5	.3	.4	.3	.1	.4	.2	.5	.1	.4
	.2	.2	.5	.1	.2	.3	.1	.3	.1	(¹)	.1	.1	.1	.2	.2	.5	.1	.4
	.1	.3	.2	.2	.1	(¹)	.2	.1	.2	(¹)	.1	.1	.1	.1	.3	.2	.1	.4
	.3	.2	.1	.1	.4	.5	.6	.5	.4	.1	.2	.2	.2	.3	.2	.1	.1	.4
		.4	.2	.4														

SIC 3542—MACHINE TOOLS, METAL FORMING TYPES

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	23.3	23.0	23.2	23.1	23.2	23.0	23.2	23.2	22.9	23.4	23.6	23.5	24.0	23.3	23.0	23.2	23.1	23.0
	25.0	24.0	24.3	24.6	24.8	24.8	25.1	25.0	24.7	25.3	25.3	25.7	26.1	25.0	24.0	24.3	24.6	24.6
	26.9	26.2	26.5	26.7	26.7	26.7	27.0	27.1	26.9	26.9	27.1	27.4	27.5	26.2	26.2	26.5	26.7	26.0
	26.8	27.5	27.4	27.5	27.5	27.1	27.0	26.5	26.6	26.3	26.0	26.1	26.2	26.8	27.5	27.4	27.5	26.0
		26.1	25.9	26.0														

PRODUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
	15.4	15.2	15.2	15.3	15.4	15.2	15.4	15.2	14.9	15.4	15.6	15.5	15.9	15.4	15.2	15.2	15.3	15.2
	16.5	15.8	16.1	16.3	16.5	16.4	16.6	16.4	16.0	16.7	16.7	16.9	17.2	16.5	16.4	16.6	16.4	16.4
	17.7	17.3	17.5	17.6	17.6	17.5	17.8	17.7	17.4	17.7	17.8	18.0	18.1	17.7	17.5	17.6	17.6	16.4
	17.3	18.1	18.0	18.0	18.1	17.7	17.6	17.1	16.9	16.7	16.3	16.5	16.6	17.3	18.1	18.0	18.0	16.4
		16.5	16.4	16.4														

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	276.18	269.66	276.62	267.54	265.21	262.70	273.68	264.55	273.07	275.27	287.70	293.78	304.23	276.18	269.66	276.62	267.54	265.21
	315.62	292.46	294.42	306.01	305.02	307.64	324.56	319.49	314.81	321.00	322.39	334.40	344.06	315.62	292.46	294.42	306.01	305.02
	330.79	317.67	327.56	330.71	310.31	326.32	332.63	324.28	310.00	337.93	342.08	348.43	357.18	330.79	317.67	327.56	330.71	310.31
	348.94	350.10	347.62	361.44	344.87	349.87	348.47	340.28	338.12	346.46	345.26	357.06	359.31	348.94	350.10	347.62	361.44	344.87
		351.75	355.69	359.20														

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
	6.56	6.33	6.33	6.31	6.36	6.33	6.47	6.50	6.58	6.78	6.85	6.88	6.93	6.56	6.33	6.33	6.31	6.36
	7.34	6.98	7.01	7.10	7.11	7.29	7.41	7.43	7.39	7.50	7.48	7.60	7.68	7.34	6.98	7.01	7.10	7.11
	7.82	7.51	7.60	7.62	7.55	7.66	7.79	7.89	7.75	7.97	8.03	8.16	8.23	7.82	7.51	7.60	7.62	7.55
	8.49	8.18	8.16	8.29	8.31	8.37	8.52	8.77	8.56	8.64	8.61	8.73	8.85	8.49	8.18	8.16	8.29	8.31
		8.75	8.87	8.98														

PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
	42.1	42.6	43.7	42.4	41.7	41.5	42.3	40.7	41.5	40.6	42.0	42.7	43.9	42.1	42.6	43.7	42.4	41.7
	43.0	41.9	42.0	43.1	42.9	42.2	43.8	43.0	42.6	42.8	43.1	44.0	44.8	43.0	41.9	42.0	43.1	42.9
	42.3	42.3	43.1	43.4	41.1	42.6	42.7	41.1	40.0	42.4	42.6	42.7	43.4	42.3	42.3	43.1	43.4	41.1
	41.1	42.8	42.6	43.6	41.5	41.8	40.9	38.8	39.5	40.1	40.1	40.9	40.6	41.1	42.8	42.6	43.6	41.5
		40.2	40.1	40.0														

SIC 3542—MACHINE TOOLS, METAL FORMING TYPES (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1977	1978	1979	1980	1981
	4.9	5.2	5.5	4.8	4.1	4.1	4.8	4.5	4.1	4.9	5.3	5.2	6.1	4.9	5.2	5.5	4.8	4.1
	6.2	5.6	5.8	5.9	5.6	5.5	6.3	6.1	5.6	6.2	5.9	6.7	8.8	6.2	5.6	5.8	5.9	5.6
	6.4	7.2	7.6	7.7	4.8	6.3	6.5	6.0	5.0	6.2	6.3	6.2	6.4	6.4	7.2	7.6	7.7	4.8
	4.5	5.8	5.5	5.9	4.7	4.5	4.6	4.0	3.6	3.9	3.7	3.8	3.5	4.5	5.8	5.5	5.9	4.7
		3.3	3.2	3.0														

SIC 3544—SPECIAL DIES, TOOLS, JIGS, AND FIXTURES

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	123.2	119.7	120.1	121.0	121.4	122.3	123.3	121.0	121.4	124.4	125.4	128.4	129.7	123.2	119.7	120.1	121.0	121.4
	130.4	129.4	130.1	130.4	129.8	129.5	130.8	128.5	128.4	129.7	131.3	132.5	134.0	130.4	129.4	130.1	130.4	129.8
	137.6	135.2	136.0	137.1	137.7	137.0	138.7	137.3	136.8	138.3	138.9	138.8	138.8	137.6	135.2	136.0	137.1	137.7
	136.2	139.3	139.6	140.2	138.6	136.7	134.9	132.5	131.4	133.7	134.5	135.7	136.8	136.2	139.3	139.6	140.2	138.6
		134.7	135.0	134.2														

WOMEN EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
	12.4	11.4	11.5	11.8	12.0	12.4	12.6	12.4	12.5	12.7	12.7	13.3	13.3	12.4	11.4	11.5	11.8	12.0
	14.3	13.6	13.7	13.7	13.9	13.7	14.2	14.2	14.4	14.6	15.1	15.2	15.2	14.3	13.6	13.7	13.7	13.9
	15.7	15.7	15.6	15.9	15.9	15.9	15.7	15.6	15.5	15.5	15.7	15.5	15.3	15.7	15.7	15.6	15.9	15.9
	15.6	15.3	15.7	15.9	15.6	15.6	15.7	15.4	15.2	15.4	15.7	15.7	15.6	15.6	15.3	15.7	15.9	15.6
		15.1	15.2	15.1														

PRODUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
	98.4	95.4	95.9	96.7	97.0	97.6	98.7	96.4	96.5	99.5	100.1	103.1	104.3	98.4	95.4	95.9	96.7	97.0
	104.5	104.2	104.6	104.7	103.9	103.4	104.3	102.9	102.6	104.2	105.4	106.4	107.7	104.5	104.2	104.6	104.7	103.9
	110.6	108.6	109.3	110.4	111.2	110.6	111.9	110.4	109.4	110.7	111.4	111.4	111.4	110.6	108.6	109.3	110.4	111.2
	108.6	111.9	112.2	112.5	111.3	109.2	107.5	104.9	103.7	106.1	106.9	108.4	108.8	108.6	111.9	112.2	112.5	111.3
		107.1	107.6	107.4														

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SIC 3544
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3544—SPECIAL DIES, TOOLS, JIGS, AND FIXTURES (Con.)														SIC 3545—MACHINE TOOL ACCESSORIES (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.6	4.4	3.3	3.6	3.3	3.7	4.5	3.1	4.2	3.8	3.7	3.6	2.4	1977	41.5	40.3	40.4	40.7	40.8	41.6	42.1	41.0	41.5	42.2	42.4	42.4	42.9
1978	3.3	3.3	2.6	3.1	3.3	4.1	4.0	3.0	3.4	4.0	3.9	2.9	2.4	1978	44.7	42.9	43.3	43.6	43.8	44.2	45.0	44.8	44.8	45.3	45.5	46.2	46.8
1979	3.3	4.2	3.6	3.4	3.2	3.3	4.3	3.4	3.2	3.2	3.3	2.5	2.1	1979	49.0	47.1	47.6	46.9	48.8	48.4	49.7	48.2	49.6	49.9	50.1	50.9	51.3
1980	3.0	3.7	3.1	3.2	2.4	3.0	3.6	2.6	3.1	3.3	3.8	2.9	1.9	1980	50.1	51.1	51.3	51.7	51.8	51.1	51.0	49.0	49.2	48.8	48.8	48.7	49.0
1981		3.2	3.2	3.2										1981		48.7	48.4	48.0									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.0	3.3	2.6	2.9	2.4	3.1	3.8	2.7	3.6	3.5	3.1	2.8	1.8	1977	247.80	229.80	235.09	241.44	239.54	242.36	246.29	244.02	245.86	256.45	253.68	261.97	271.39
1978	2.7	2.6	2.1	2.4	2.7	3.2	3.5	2.7	2.9	3.0	2.8	2.3	1.7	1978	272.21	259.76	265.59	273.50	270.19	270.47	270.67	265.44	268.82	274.56	275.14	281.39	291.45
1979	2.6	3.4	2.8	2.7	2.7	2.8	3.7	2.4	2.6	2.6	2.7	1.9	1.3	1979	294.79	291.36	292.28	295.31	277.57	287.30	290.53	282.31	291.02	304.16	302.02	308.29	311.61
1980	2.0	2.6	2.3	2.3	1.8	2.0	2.2	1.5	1.8	2.2	2.5	2.0	1.3	1980	310.42	313.77	308.67	310.98	308.59	307.33	306.36	297.01	302.19	308.21	310.75	319.46	328.02
1981		2.4	2.4	2.3										1981		325.07	325.13	335.20									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.4	.7	.5	.5	.6	.3	.3	.1	.2	.2	.2	.3	.4	1977	5.90	5.66	5.72	5.79	5.80	5.84	5.85	5.88	5.91	6.02	6.04	6.05	6.14
1978	.3	.4	.2	.3	.4	.5	.3	.1	.3	.4	.7	.3	.2	1978	6.36	6.17	6.22	6.23	6.24	6.29	6.28	6.32	6.34	6.43	6.52	6.59	6.70
1979	.4	.4	.5	.3	.2	.3	.4	.4	.3	.3	.4	.3	.5	1979	6.92	6.76	6.75	6.82	6.77	6.76	6.82	6.77	6.88	7.09	7.14	7.22	7.18
1980	.7	.7	.6	.6	.4	.7	.8	.7	.8	.9	.9	.8	.4	1980	7.48	7.28	7.28	7.30	7.33	7.37	7.40	7.37	7.48	7.61	7.73	7.83	7.81
1981		.6	.4	.6										1981		7.89	7.93	8.00									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.9	3.1	2.4	3.0	2.8	2.7	2.9	2.9	4.0	3.1	3.2	2.7	1.8	1977	42.0	40.6	41.1	41.7	41.3	41.5	42.1	41.5	41.6	42.6	42.0	43.3	44.2
1978	3.0	2.8	2.3	2.9	3.2	3.0	3.2	2.6	4.1	4.0	3.2	2.2	2.2	1978	42.8	42.1	42.7	43.9	43.3	43.0	43.1	42.0	42.4	42.7	42.2	42.7	43.5
1979	3.3	3.1	2.5	3.0	3.0	2.8	3.4	3.5	5.2	3.6	3.5	3.0	2.7	1979	42.6	43.1	43.3	43.3	41.0	42.5	42.6	41.7	42.3	42.9	42.3	42.7	43.4
1980	3.3	3.0	2.6	3.6	3.9	3.9	3.1	3.8	4.1	3.5	3.3	2.7	2.1	1980	41.5	43.1	42.4	42.6	42.1	41.7	41.4	40.3	40.4	40.5	40.2	40.8	42.0
1981		2.7	2.8	2.9										1981		41.2	41.0	41.9									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.6	1.6	1.2	1.5	1.7	1.5	1.9	1.7	2.4	2.0	1.7	1.4	.9	1977	4.1	3.5	3.5	3.9	3.7	3.8	3.9	3.9	3.9	4.6	4.2	4.6	5.3
1978	1.6	1.5	1.1	1.5	1.7	1.5	2.0	1.5	2.7	2.1	1.8	1.2	1.1	1978	4.8	4.4	4.9	5.0	4.6	4.4	4.3	4.2	4.3	5.1	4.9	5.2	5.8
1979	1.6	1.6	1.4	1.8	1.7	1.7	1.8	1.6	2.6	1.9	1.6	1.2	.8	1979	5.2	5.4	5.5	5.3	3.7	5.2	5.2	4.8	5.3	5.4	5.2	5.7	5.8
1980	1.2	1.4	1.3	1.3	1.1	1.2	1.0	1.2	1.7	1.4	1.3	1.0	.7	1980	4.1	5.4	5.0	5.0	4.6	4.0	3.9	3.2	3.3	3.3	3.1	3.7	4.0
1981		1.2	1.2	1.1										1981		3.6	3.7	3.7									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.5	.8	.5	.7	.3	.4	.4	.5	.6	.3	.6	.5	.3	1977	2.5	1.8	1.8	2.4	2.1	2.6	3.1	2.9	3.2	3.1	2.7	2.1	2.0
1978	.5	.4	.5	.5	.6	.5	.4	.5	.5	.6	.3	.3	.4	1978	2.9	2.7	2.3	2.6	2.8	3.4	3.2	3.1	3.3	3.3	3.3	2.8	2.2
1979	.6	.5	.2	.2	.3	.3	.5	.7	1.1	.6	.9	1.1	1.2	1979	3.0	3.5	2.8	2.8	3.2	3.5	3.6	2.6	2.8	3.4	3.1	2.5	2.0
1980	1.2	.6	.5	1.3	2.0	1.9	1.4	1.7	1.3	1.2	1.2	1.2	.7	1980	2.0	2.5	2.4	2.7	1.9	2.2	2.0	2.1	1.5	1.8	2.0	1.7	1.2
1981		.8	.9	1.0										1981		1.6	1.4	1.5									
SIC 3545—MACHINE TOOL ACCESSORIES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.0	1.4	1.3	1.9	1.6	2.2	2.7	1.9	2.8	2.8	2.3	1.8	1.5
1977	58.3	56.3	56.6	57.0	57.2	58.1	58.8	58.2	58.5	59.1	59.7	59.7	60.2	1978	2.5	2.3	1.8	2.3	2.3	2.9	2.8	2.1	2.8	3.0	3.1	2.6	1.8
1978	62.8	60.4	60.7	61.1	61.5	62.1	63.0	62.8	63.0	63.5	64.1	65.0	66.0	1979	2.6	3.1	2.5	2.5	2.6	3.2	3.3	2.3	2.3	2.9	2.7	2.0	1.6
1979	68.1	66.3	66.9	66.5	67.4	67.0	68.6	67.1	68.7	68.8	69.1	70.0	70.6	1980	1.5	2.2	2.2	2.5	1.7	1.8	1.7	.8	1.0	1.3	1.3	1.1	.7
1980	70.3	71.0	71.3	71.8	72.0	71.3	71.8	69.2	69.5	69.0	68.9	68.7	69.1	1981		1.1	.9	.9									
1981		68.8	68.7	68.0										RECALLS PER 100 EMPLOYEES													
WOMEN EMPLOYEES—IN THOUSANDS														1977	.3	.3	.4	.4	.3	.3	.3	.9	.3	.1	.2	.2	.3
1977	11.5	11.0	11.0	11.2	11.2	11.4	11.5	11.4	11.4	11.6	11.8	11.9	12.1	1978	.2	.3	.4	.1	.3	.2	.2	.7	.3	.1	.1	.2	
1978	12.7	12.0	12.1	12.2	12.4	12.4	12.7	12.7	12.8	12.9	13.1	13.4	13.5	1979	.2	.2	.1	.1	.1	.2	.1	.2	.2	.2	.3	.2	
1979	13.4	13.7	14.1	14.1	12.7	12.9	13.2	12.9	13.2	13.1	13.4	13.6	13.8	1980	.3	.1	.1	.1	.1	.2	.2	1.1	.3	.4	.5	.4	
1980	13.8	13.9	14.1	14.2	14.4	14.2	14.2	13.7	13.4	13.3	13.4	13.2	13.4	1981		.4	.4	.5								.3	
1981		13.3	13.2	13.3																							

See footnotes at end of tables.

MANUFACTURING

SIC 355

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3545—MACHINE TOOL ACCESSORIES (Con.)														SIC 3546—POWER DRIVEN HAND TOOLS (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.1	1.9	1.8	1.7	1.6	1.8	2.3	3.0	2.9	2.7	2.0	2.3	1.6	1977	3.4	3.5	3.0	2.8	2.6	2.7	3.5	3.0	3.6	3.5	3.5	3.9	4.7
1978	2.4	2.5	1.6	2.3	2.3	2.1	2.6	3.1	3.3	3.3	2.3	2.0	1.6	1978	3.5	3.8	3.6	4.1	3.4	2.8	2.8	2.5	2.8	4.1	3.3	3.7	4.5
1979	2.3	2.0	2.1	2.3	2.4	2.4	2.3	2.4	3.5	2.6	2.4	1.9	1.3	1979	3.5	2.9	3.8	3.6	.9	3.2	4.0	3.1	3.9	4.1	3.8	4.4	4.7
1980	2.3	2.1	1.6	1.9	2.2	2.6	2.3	3.2	3.6	3.0	2.5	1.5	1.2	1980	2.6	4.3	3.5	2.9	2.1	1.7	2.0	1.4	2.3	2.5	2.0	2.8	2.8
1981		2.4	2.4	2.4										1981		2.2	1.9	1.5									
QUITS PER 100 EMPLOYEES														SIC 355—SPECIAL INDUSTRY MACHINERY													
1977	1.1	.8	.8	.9	1.0	1.0	1.0	1.2	2.1	1.8	1.2	1.0	.7	ALL EMPLOYEES—IN THOUSANDS													
1978	1.5	1.3	.9	1.5	1.5	1.4	1.4	1.2	2.3	2.5	1.5	1.3	.9	1977	189.9	188.4	188.2	188.0	186.4	187.5	190.6	189.2	190.5	191.9	190.8	193.2	194.2
1979	1.4	1.1	1.1	1.5	1.4	1.4	1.4	1.3	2.4	1.7	1.4	1.1	.7	1978	196.7	193.9	194.5	195.4	196.4	196.3	198.1	194.4	195.1	197.1	197.3	200.4	201.4
1980	1.0	1.1	.9	1.2	1.2	1.1	.8	.9	1.3	1.1	.8	.7	.6	1979	205.2	201.4	202.2	203.2	203.1	204.2	206.5	204.3	205.7	206.2	207.3	208.9	209.2
1981		.9	.7	.8										1980	208.6	210.2	211.0	212.5	211.7	210.1	211.5	206.6	206.4	205.9	205.0	205.6	206.4
														1981		206.3	205.8	206.1									
LAYOFFS PER 100 EMPLOYEES														WOMEN EMPLOYEES—IN THOUSANDS													
1977	.3	.3	.3	.2	.1	.1	.4	1.2	.1	.2	.1	.2	.3	1977	26.3	25.3	25.5	25.4	25.6	25.9	26.2	26.2	26.8	27.0	27.2	27.3	27.5
1978	.2	.3	.1	.1	.1	.1	.3	1.1	.2	.1	.1	.1	.1	1978	28.8	27.5	27.5	28.3	28.5	28.6	29.0	28.9	29.2	29.3	29.5	29.8	29.9
1979	.2	.1	.2	.1	.4	.1	.1	.3	.2	.1	.2	.1	.1	1979	29.8	29.6	29.5	29.6	28.9	29.3	29.7	29.8	30.1	30.1	30.2	30.5	30.8
1980	.7	.3	.1	.1	.3	.7	.8	1.7	1.5	1.3	1.0	.4	.2	1980	31.0	30.7	31.0	31.0	31.2	31.1	31.2	31.0	30.6	30.7	30.8	31.0	31.1
1981		.8	1.0	.7										1981		30.8	30.6	30.6									
SIC 3546—POWER DRIVEN HAND TOOLS														PRODUCTION WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	32.2	30.7	31.1	31.4	31.9	32.0	32.2	31.9	32.0	32.4	33.0	33.6	34.3	1977	119.2	118.6	118.4	117.9	116.8	117.0	119.4	118.7	120.0	120.4	119.6	121.5	122.6
1978	34.0	34.5	34.9	35.2	35.2	34.9	33.5	33.2	32.1	33.5	33.5	33.4	33.6	1978	123.5	121.8	122.5	122.5	123.6	123.5	124.0	121.5	121.9	123.1	123.6	126.2	127.4
1979	33.0	33.4	33.5	32.8	32.4	32.2	32.5	32.4	33.0	33.2	33.2	33.5	34.0	1979	131.1	127.5	127.7	127.4	130.6	131.4	132.9	129.8	131.2	132.3	133.1	134.2	134.7
1980	31.8	34.0	34.2	34.1	33.9	32.2	31.2	30.3	30.0	30.0	30.5	30.7	30.9	1980	133.1	135.2	136.3	137.3	136.1	134.2	134.8	131.4	131.0	130.4	129.4	130.0	130.6
1981		30.8	30.2	30.0										1981		130.6	130.2	130.4									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	23.9	22.5	23.0	23.3	23.6	23.8	23.9	23.7	23.9	24.1	24.5	25.1	25.7	1977	244.91	230.35	239.20	239.29	234.43	238.62	243.61	239.57	240.98	251.87	251.52	257.27	267.65
1978	25.3	25.9	26.1	26.3	26.2	26.1	24.5	24.2	23.8	25.1	25.2	25.1	25.3	1978	266.85	251.93	253.56	264.59	263.13	264.38	268.38	262.11	261.29	271.00	272.41	279.72	288.96
1979	25.2	25.2	25.3	24.8	24.5	24.4	24.9	24.7	25.2	25.6	25.6	25.9	26.4	1979	287.60	277.79	282.66	285.86	269.20	282.08	286.33	283.15	281.36	290.50	292.40	303.12	314.06
1980	24.5	26.7	26.8	26.7	26.4	24.6	23.7	22.8	22.7	22.8	23.1	23.4	23.8	1980	310.58	303.36	303.36	304.41	302.32	304.96	307.02	301.20	306.68	315.70	317.34	325.68	337.45
1981		23.7	23.3	23.2										1981		327.89	327.54	331.20									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	210.31	200.00	202.18	201.56	202.58	204.17	211.04	208.58	207.43	213.20	214.08	221.08	232.52	1977	5.93	5.73	5.75	5.78	5.76	5.82	5.87	5.93	5.95	6.04	6.09	6.14	6.21
1978	225.62	215.86	220.04	228.90	221.81	218.14	217.20	210.14	219.92	233.38	230.77	238.71	249.90	1978	6.43	6.19	6.23	6.27	6.31	6.34	6.39	6.44	6.42	6.53	6.58	6.66	6.72
1979	244.99	232.85	244.50	245.78	223.69	249.28	249.64	237.61	243.76	248.21	248.05	257.00	257.55	1979	6.93	6.71	6.73	6.79	6.73	6.83	6.85	6.94	6.93	7.00	7.08	7.20	7.27
1980	258.16	261.24	256.06	251.07	246.41	244.86	254.02	243.92	259.84	263.91	260.89	273.82	279.18	1980	7.52	7.24	7.24	7.30	7.32	7.42	7.47	7.53	7.61	7.70	7.74	7.81	7.94
1981		266.66	271.05	271.10										1981		7.92	7.95	8.00									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.18	5.00	5.08	5.09	5.09	5.13	5.16	5.15	5.16	5.20	5.26	5.34	5.42	1977	41.3	40.2	41.6	41.4	40.7	41.0	41.5	40.4	40.5	41.7	41.3	41.9	43.1
1978	5.53	5.41	5.38	5.45	5.41	5.44	5.43	5.43	5.61	5.67	5.78	5.88	5.88	1978	41.5	40.7	40.7	42.2	41.7	41.7	42.0	40.7	40.7	41.5	41.4	42.0	43.0
1979	5.99	5.88	5.92	5.98	5.81	6.14	6.03	5.97	5.96	6.01	6.05	6.09	6.06	1979	41.5	41.4	42.0	42.1	40.0	41.3	41.8	40.8	40.6	41.5	41.3	42.1	43.2
1980	6.39	6.22	6.20	6.23	6.27	6.41	6.48	6.47	6.40	6.39	6.41	6.63	6.60	1980	41.3	41.9	41.9	41.7	41.3	41.1	41.1	40.0	40.3	41.0	41.0	41.7	42.5
1981		6.82	6.95	7.06										1981		41.4	41.2	41.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	40.6	40.0	39.8	39.6	39.8	39.8	40.9	40.5	40.2	41.0	40.7	41.4	42.9	1977	3.6	3.2	3.5	3.5	3.0	3.3	3.4	3.3	3.5	4.3	3.9	3.9	4.8
1978	40.8	39.9	40.9	42.0	41.0	40.1	40.0	38.7	40.5	41.6	40.7	41.3	42.5	1978	3.9	3.5	3.9	4.1	3.8	3.7	3.9	3.5	3.6	4.2	4.0	4.3	4.8
1979	40.9	39.6	41.3	41.1	38.5	40.6	41.4	39.8	40.9	41.3	41.0	42.2	42.5	1979	3.8	3.8	4.1	4.2	2.4	3.5	3.8	3.4	3.4	3.9	3.8	4.2	4.5
1980	40.4	42.0	41.3	40.3	39.3	38.2	39.2	37.7	40.6	41.3	40.7	41.3	42.3	1980	3.3	3.8	3.7	3.8	3.4	3.1	3.1	2.8	2.8	3.2	2.9	3.1	3.7
1981		39.1	39.0	38.4										1981		3.1	3.1	3.0									

SIC 355
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 355—SPECIAL INDUSTRY MACHINERY (Con.)

ACCESSIONS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.3	2.2	1.9	2.0	2.1	2.6	2.8	2.7	3.1	2.8	2.3	1.9	1.5	1977	27.2	26.3	26.7	27.0	26.3	26.1	27.5	27.3	27.5	27.8	27.6	27.8	27.9
1978	2.5	2.6	2.1	2.4	2.5	2.9	3.0	2.6	2.7	3.0	2.7	2.1	1.6	1978	28.2	28.1	28.1	28.3	28.4	28.4	28.5	28.1	27.9	28.0	28.0	28.3	28.6
1979	2.4	2.5	2.3	2.1	2.3	2.6	3.1	2.5	2.7	2.6	2.6	1.8	1.4	1979	29.8	29.0	29.1	29.1	29.9	29.9	30.1	29.9	30.1	30.1	29.9	30.1	30.1
1980	2.0	2.4	2.2	2.3	1.8	2.1	2.2	1.9	2.1	2.2	1.9	1.5	1.3	1980	29.5	30.4	30.6	30.8	30.3	30.2	30.1	29.1	28.4	28.4	28.0	28.9	29.0
1981		1.6	1.8	2.1										1981		29.1	28.9	29.2									

NEW HIRES PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.8	1.5	1.4	1.5	1.6	2.1	2.3	1.6	2.4	2.2	1.9	1.5	1.2	1977	257.09	244.20	251.87	250.69	243.61	250.92	255.23	256.85	258.08	263.11	261.81	266.80	275.18
1978	2.1	2.0	1.6	1.9	1.9	2.4	2.6	2.0	2.4	2.5	2.4	1.9	1.4	1978	280.13	260.50	265.68	271.00	270.50	276.71	280.90	280.01	280.69	283.45	286.35	295.96	304.29
1979	2.1	2.1	1.9	1.9	2.0	2.3	2.7	2.1	2.3	2.3	2.3	1.6	1.2	1979	301.17	295.24	297.65	300.42	285.29	297.25	297.25	294.00	297.92	300.29	305.70	313.05	325.21
1980	1.5	2.1	1.9	1.8	1.5	1.7	1.7	1.3	1.5	1.6	1.2	1.0	.9	1980	324.39	312.71	316.23	316.83	314.65	321.50	318.37	310.01	323.57	330.00	336.13	341.50	354.90
1981		1.1	1.4	1.6										1981		343.10	341.82										

RECALLS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	.4	.5	.4	.3	.3	.4	.4	.9	.5	.4	.3	.2	.1	1977	6.24	6.00	6.04	6.07	6.06	6.15	6.21	6.28	6.31	6.34	6.37	6.46	6.49
1978	.3	.3	.3	.3	.4	.3	.2	.4	.2	.2	.2	.1	.1	1978	6.75	6.48	6.48	6.53	6.63	6.70	6.72	6.78	6.83	6.90	7.03	7.06	
1979	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	1979	7.31	7.08	7.07	7.17	7.15	7.25	7.25	7.35	7.32	7.36	7.42	7.58	7.67
1980	.3	.2	.2	.2	.2	.3	.3	.4	.5	.5	.6	.3	.2	1980	7.99	7.59	7.62	7.69	7.75	7.88	7.90	7.99	8.13	8.25	8.32	8.37	8.45
1981		.4	.4	.4										1981		8.43	8.44	8.46									

SEPARATIONS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	2.2	2.4	1.9	2.1	2.2	2.1	1.9	3.0	2.9	2.7	2.2	1.6	1.5	1977	41.2	40.7	41.7	41.3	40.2	40.8	41.1	40.9	40.9	41.5	41.1	41.3	42.4
1978	2.2	2.4	2.1	2.1	2.1	2.1	2.1	2.5	3.0	2.8	2.0	1.8	1.4	1978	41.5	40.2	41.0	41.5	40.8	41.3	41.8	41.3	41.4	41.5	41.5	42.1	43.1
1979	2.2	2.1	1.7	2.2	2.4	2.3	2.6	2.2	3.4	2.7	2.1	1.7	1.3	1979	41.2	41.7	42.1	41.9	39.9	41.0	41.0	40.0	40.7	40.8	41.2	41.3	42.4
1980	2.3	2.3	2.1	2.2	2.3	2.5	2.6	2.5	3.3	2.9	2.2	1.6	1.4	1980	40.6	41.2	41.5	41.2	40.6	40.8	40.3	38.8	39.8	40.0	40.4	40.8	42.0
1981		2.5	1.9	2.2										1981		40.7	40.5	40.4									

QUITS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	1.0	.8	.7	.9	1.0	1.0	.9	1.0	1.7	1.5	1.0	.8	.7	1977	3.1	3.1	3.1	3.0	2.5	2.7	2.9	2.8	3.4	3.6	3.3	3.4	3.8
1978	1.2	1.1	.9	1.2	1.2	1.2	1.3	1.3	1.9	1.6	1.2	1.1	.8	1978	3.4	2.9	3.0	3.3	3.0	3.2	3.3	3.1	3.4	3.7	3.5	3.8	4.4
1979	1.3	1.1	1.0	1.2	1.3	1.4	1.5	1.3	2.1	1.5	1.1	.9	.7	1979	3.3	3.6	4.1	3.9	2.1	2.9	3.1	2.8	2.9	3.5	3.3	3.6	4.1
1980	1.0	1.2	1.0	1.0	1.0	1.0	.9	.8	1.4	1.3	.9	.6	.5	1980	2.6	3.2	2.9	2.8	2.7	2.6	2.3	1.9	2.3	2.5	2.6	2.6	3.1
1981		.8	.7	.8										1981		2.4	2.4	2.3									

LAYOFFS PER 100 EMPLOYEES														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	.6	1.0	.7	.6	.6	.4	.5	1.2	.5	.6	.6	.4	.3	1977	2.3	2.6	1.8	1.9	2.1	2.6	2.7	2.6	3.3	3.0	2.3	1.6	1.0
1978	.3	.7	.6	.3	.3	.2	.2	.5	.4	.4	.2	.3	.1	1978	2.4	3.2	2.2	2.2	2.5	2.7	2.6	2.1	2.6	2.4	2.5	2.2	1.7
1979	.3	.3	.2	.3	.4	.2	.5	.3	.5	.5	.3	.3	.2	1979	2.3	2.7	2.4	2.3	2.2	2.6	2.7	2.2	2.0	2.3	2.5	1.9	1.2
1980	.7	.5	.4	.5	.7	.8	.9	1.0	1.2	.9	.8	.6	.4	1980	1.9	2.4	2.3	2.2	1.7	1.9	1.8	1.7	1.8	2.3	2.3	1.5	1.1
1981		1.1	.7	.9										1981		1.6	2.0	2.0									

SIC 3551—FOOD PRODUCTS MACHINERY

ALL EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	43.7	42.6	42.8	43.2	42.6	43.0	43.8	43.7	44.0	44.5	44.5	44.6	44.7	1977	1.7	1.5	1.3	1.5	1.5	2.0	2.2	1.9	2.5	2.1	2.0	1.4	.8
1978	45.4	44.9	45.1	45.3	45.4	45.3	45.6	45.2	45.1	45.6	45.4	45.7	46.0	1978	2.0	2.3	1.8	1.9	1.9	2.2	2.3	1.8	2.3	2.2	2.2	2.0	1.5
1979	46.5	46.3	46.5	46.4	46.3	46.5	46.7	46.4	46.6	46.6	46.4	46.6	46.7	1979	2.0	2.4	2.1	2.1	1.9	2.4	2.4	1.9	1.8	2.0	2.2	1.6	1.0
1980	46.2	47.0	47.1	47.7	47.3	47.2	47.2	45.9	44.7	44.8	44.4	45.3	45.6	1980	1.5	2.0	2.0	1.8	1.5	1.6	1.5	1.4	1.6	1.6	1.1	1.0	.8
1981		45.6	45.2	45.6										1981		1.0	1.4	1.7									

WOMEN EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.7	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.9	5.8	5.8	5.8	5.8	1977	.4	.9	.4	.3	.5	.5	.4	.6	.7	.5	.2	.1	.1
1978	6.0	5.9	5.9	6.0	5.9	5.9	6.0	5.9	6.0	6.2	6.1	6.1	6.2	1978	.2	.4	.3	.2	.5	.3	.2	.2	.2	.1	.2	.1	.1
1979	6.3	6.2	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.5	6.5	1979	.2	.2	.2	.1	.1	.1	.2	.2	.1	.2	.2	.1	.1
1980	6.4	6.5	6.6	6.7	6.7	6.6	6.6	6.4	6.2	6.1	6.1	6.2	6.2	1980	.3	.3	.2	.3	.1	.2	.2	.2	.2	.6	1.1	.4	.2
1981		6.0	5.9	6.0										1981		.5	.6	.3									

SIC 3551—FOOD PRODUCTS MACHINERY (Con.)

PRODUCTION WORKERS—IN THOUSANDS														
1977	27.2	26.3	26.7	27.0	26.3	26.1	27.5	27.3	27.5	27.8	27.6	27.8	27.9	27.9
1978	28.2	28.1	28.1	28.3	28.4	28.4	28.5	28.1	27.9	28.0	28.0	28.3	28.6	28.6
1979	29.8	29.0	29.1	29.1	29.9	29.9	30.1	29.9	30.1	30.1	29.9	30.1	30.1	30.1
1980	29.5	30.4	30.6	30.8	30.3	30.2	30.1	29.1	28.4	28.4	28.0	28.9	29.0	
1981		29.1	28.9	29.2										

MANUFACTURING

SIC 3552

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3551—FOOD PRODUCTS MACHINERY (Con.)														SIC 3552—TEXTILE MACHINERY (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.2	2.2	1.8	1.7	2.4	2.1	2.2	2.7	3.0	2.9	2.6	1.8	1.4	1977	40.5	39.3	40.4	40.5	39.8	40.1	41.3	39.5	40.5	41.1	39.8	41.3	42.2
1978	2.2	2.6	2.2	2.5	2.0	2.1	2.2	2.1	2.8	2.5	2.3	1.5	1.3	1978	40.7	39.7	39.2	40.7	40.7	40.8	41.7	39.9	40.2	41.0	40.7	41.3	42.8
1979	2.1	1.8	1.7	2.0	2.1	2.2	2.5	2.2	3.1	2.5	2.1	1.8	1.1	1979	41.0	40.6	41.3	41.6	39.9	40.7	41.5	40.3	40.8	41.1	41.1	40.8	42.1
1980	2.4	1.8	1.8	2.6	1.9	2.7	2.4	2.8	2.8	3.4	2.8	1.7	1.9	1980	40.8	41.2	41.6	41.3	40.3	40.5	40.6	39.4	39.7	40.8	40.6	41.1	42.1
1981		3.5	2.0	2.8										1981		40.4	40.3	40.8									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.0	.8	.7	.9	1.2	.9	.9	1.2	1.5	1.5	1.2	.9	.7	1977	2.6	2.3	2.2	2.5	1.9	2.5	2.5	2.3	2.7	3.1	2.7	2.8	3.6
1978	1.2	1.2	1.0	1.3	1.1	1.2	1.3	1.2	1.8	1.6	1.4	1.0	.7	1978	3.1	2.7	3.9	2.8	2.8	3.0	3.3	2.6	2.5	3.4	3.0	3.0	4.1
1979	1.2	1.0	1.0	1.3	1.0	1.3	1.5	1.2	2.1	1.2	1.2	1.0	.6	1979	3.0	2.9	3.3	3.4	2.2	2.9	3.2	2.5	2.4	3.2	3.2	3.0	3.6
1980	1.0	1.0	1.0	1.1	.9	1.1	.9	1.0	1.4	1.4	.9	.6	.7	1980	2.4	2.8	3.0	3.2	2.2	2.5	2.3	1.8	1.9	2.3	2.0	2.1	2.6
1981		.7	.7	.6										1981		2.1	2.2	2.0									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	.8	.6	.3	.7	.6	.7	.8	.7	.8	.8	.5	.2	1977	2.9	1.6	2.3	2.4	2.1	3.4	3.5	5.7	4.0	3.1	2.6	2.3	1.8
1978	.3	.6	.4	.6	.3	.3	.2	.3	.4	.3	.1	.1	.2	1978	3.3	3.0	2.3	2.8	3.4	4.2	4.0	3.9	4.1	4.0	3.8	2.7	2.0
1979	.3	.1	.2	.1	.6	.3	.4	.3	.3	.7	.4	.4	.1	1979	3.0	2.9	2.1	2.9	3.1	3.5	3.6	3.0	4.3	3.2	3.5	2.3	1.7
1980	.8	.3	.3	.8	.5	.9	1.0	1.2	.8	1.3	1.4	.8	.8	1980	2.4	2.6	2.8	2.9	2.0	2.5	2.0	2.0	2.7	2.7	2.7	1.7	1.8
1981		2.0	.9	1.7										1981		2.1	2.1	2.4									
SIC 3552—TEXTILE MACHINERY														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.8	1.0	1.6	1.7	1.6	2.6	2.4	1.4	2.7	2.0	1.9	1.5	1.2
1977	29.2	30.9	30.5	30.3	30.0	29.8	29.7	28.7	29.0	28.7	27.0	28.0	27.9	1978	2.4	2.1	1.3	1.8	2.3	3.1	3.2	2.2	3.5	2.9	3.0	2.2	1.5
1978	26.5	27.2	26.8	26.6	26.7	26.8	27.1	25.4	25.7	26.7	26.2	26.6	26.7	1979	2.4	2.2	1.5	2.2	2.4	2.8	3.0	2.1	3.5	2.8	2.9	1.9	1.4
1979	26.9	26.5	26.6	26.8	26.6	26.6	27.1	26.5	27.0	27.1	27.1	27.5	27.6	1980	1.7	2.1	2.1	2.2	1.6	2.0	1.5	1.4	1.8	1.7	1.6	.9	1.1
1980	27.0	27.8	28.1	28.1	27.9	27.5	27.3	25.9	26.5	26.3	26.0	26.0	26.2	1981		1.4	1.5	1.8									
1981		26.2	26.1	25.6																							
WOMEN EMPLOYEES—IN THOUSANDS														1977	.9	.4	.3	.4	.3	.5	.8	4.3	1.1	.9	.5	.6	.4
1977	5.5	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.5	5.5	5.4	5.4	5.3	1978	.6	.6	.6	.8	.8	.6	.4	1.4	.3	.8	.6	.2	.2
1978	5.1	5.2	5.0	5.0	5.1	5.1	5.1	4.9	5.0	5.1	5.0	5.0	5.1	1979	.3	.3	.4	.4	.3	.3	.3	.5	.5	.2	.3	.1	.1
1979	5.2	5.1	5.1	5.1	5.0	5.1	5.2	5.1	5.3	5.3	5.3	5.3	5.3	1980	.4	.2	.5	.4	.2	.3	.2	.3	.7	.8	.9	.5	.4
1980	5.1	5.3	5.4	5.3	5.3	5.3	5.1	5.0	5.0	5.0	4.9	4.9	5.0	1981		.4	.5	.4									
1981		5.1	5.1	4.9																							
PRODUCTION WORKERS—IN THOUSANDS														1977	3.3	3.6	2.3	3.2	2.9	3.1	2.7	6.8	4.5	2.8	3.5	1.8	2.4
1977	20.8	22.0	21.6	21.5	21.3	21.2	21.2	20.3	20.7	20.5	19.1	19.9	19.9	1978	3.1	3.6	2.6	2.9	3.2	2.9	3.0	4.2	5.0	3.4	2.7	2.3	2.1
1978	18.8	19.3	18.9	18.8	18.9	19.0	19.2	17.7	18.4	18.8	18.5	18.8	18.9	1979	3.4	2.9	2.6	3.0	3.6	3.5	4.5	3.7	5.3	4.6	3.1	2.4	1.8
1979	19.1	18.7	18.7	18.8	19.0	18.8	19.2	18.6	19.0	19.3	19.4	19.7	19.7	1980	2.9	2.8	2.5	3.3	3.2	3.3	2.7	3.2	4.3	2.7	2.6	1.9	1.9
1980	19.0	19.8	20.1	20.1	19.9	19.4	19.1	18.2	18.6	18.5	18.1	18.2	18.4	1981		2.3	2.6	3.6									
1981		18.3	18.2	17.8																							
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.3	1.0	.9	1.2	1.2	1.5	1.1	1.2	2.4	1.5	1.4	.8	1.0
1977	198.45	187.85	192.30	194.81	190.24	194.49	199.89	192.76	199.26	205.09	200.59	210.63	216.06	1978	1.6	1.2	1.0	1.4	1.7	1.5	1.7	1.8	2.8	1.8	1.6	1.3	1.1
1978	215.30	205.25	201.49	209.61	210.83	212.57	223.10	208.68	211.85	220.58	220.19	224.26	237.54	1979	1.7	1.5	1.3	1.7	1.7	2.0	1.8	1.8	2.5	2.2	1.4	1.1	.9
1979	232.88	223.30	227.98	230.88	221.05	227.92	234.48	227.29	231.34	236.74	240.85	239.90	249.65	1980	1.2	1.6	1.4	1.3	1.4	1.2	1.0	1.2	1.8	1.3	1.2	.7	.7
1980	249.70	246.79	248.35	249.04	241.80	245.84	246.85	239.95	241.38	250.92	254.16	259.75	268.60	1981		.9	.9	1.0									
1981		258.56	259.13	262.34																							
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1.4	1.8	.9	1.4	1.1	.7	1.0	4.9	1.4	.7	1.5	.5	.9
1977	4.90	4.78	4.76	4.81	4.78	4.85	4.84	4.88	4.92	4.99	5.04	5.10	5.12	1978	.6	1.3	.9	.7	.6	.4	.3	1.5	.8	.6	.1	.2	.1
1978	5.29	5.17	5.14	5.15	5.18	5.21	5.35	5.23	5.27	5.38	5.41	5.43	5.55	1979	.9	.5	.5	.5	.8	.4	1.6	1.2	1.8	1.4	.7	.6	.3
1979	5.68	5.50	5.52	5.55	5.54	5.60	5.65	5.64	5.67	5.76	5.86	5.88	5.93	1980	.8	.3	.4	1.3	.9	1.1	.9	1.0	1.6	.6	.8	.6	.6
1980	6.12	5.99	5.97	6.03	6.00	6.07	6.08	6.09	6.08	6.15	6.26	6.32	6.38	1981		.7	1.2	1.9									
1981		6.40	6.43	6.43																							

See footnotes at end of tables.

SIC 3555
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3555—PRINTING TRADES MACHINERY														SIC 356—GENERAL INDUSTRIAL MACHINERY (Con.)													
ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	32.3	30.2	30.6	31.0	31.2	31.3	32.1	32.5	32.7	33.5	33.6	34.3	34.8	1977	52.5	51.3	51.2	51.2	51.4	52.0	52.6	52.6	52.4	52.9	53.5	54.3	54.2
1978	36.4	35.1	35.6	36.1	36.4	36.4	37.0	36.3	36.4	36.3	36.2	37.3	37.5	1978	57.3	54.6	54.9	55.6	56.2	56.4	57.3	57.2	57.5	58.7	59.1	59.5	61.0
1979	37.7	36.8	36.7	36.6	36.8	36.8	37.4	37.8	38.0	38.0	38.5	39.2	39.2	1979	62.8	61.3	61.7	62.5	63.0	62.0	63.0	63.0	62.2	62.7	64.2	64.1	64.0
1980	40.9	39.3	39.5	39.7	40.0	40.1	41.0	41.5	42.0	41.9	41.9	42.0	42.4	1980	62.7	64.4	65.0	65.1	64.4	63.0	62.3	61.2	61.3	61.7	61.1	61.1	62.1
1981		42.5	42.5	42.5										1981		62.1	62.7	62.9									
WOMEN EMPLOYEES—IN THOUSANDS														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.1	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.8	1977	196.6	191.4	191.9	192.7	193.4	194.2	197.0	196.7	197.3	199.1	199.4	202.8	203.7
1978	6.7	5.8	6.1	6.5	6.6	6.7	6.9	7.0	7.0	6.8	6.9	7.1	6.9	1978	209.0	203.4	205.1	206.8	208.0	207.6	208.8	206.1	206.6	210.6	212.2	214.2	218.3
1979	6.2	6.7	6.6	6.5	5.8	5.9	6.0	6.1	6.1	6.1	6.1	6.3	6.4	1979	219.4	218.8	219.5	219.9	221.5	216.8	217.6	216.1	213.5	217.4	222.8	224.0	224.3
1980	6.9	6.4	6.4	6.4	6.6	6.6	6.8	7.1	7.1	7.2	7.3	7.4	7.4	1980	210.1	224.3	221.6	220.8	216.6	211.3	208.4	202.2	202.0	204.3	203.3	202.4	203.4
1981		7.3	7.2	7.2										1981		203.4	204.2	204.1									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	19.0	17.7	17.9	18.1	18.2	18.3	18.8	19.1	19.3	19.7	19.9	20.2	20.5	1977	256.47	242.60	247.99	248.02	247.04	250.50	256.06	254.16	260.19	265.01	264.77	268.36	275.80
1978	21.6	20.6	20.9	21.1	21.4	21.4	21.8	21.7	21.7	21.5	21.5	22.3	22.7	1978	278.78	261.55	265.98	269.86	271.26	271.83	277.38	274.46	277.43	284.81	285.94	292.46	304.31
1979	22.9	22.2	22.0	21.9	22.4	22.3	22.7	22.6	23.2	23.5	23.8	24.1	24.2	1979	303.78	293.28	296.65	300.17	276.90	298.60	304.41	298.66	300.21	310.34	314.84	320.38	329.22
1980	25.3	24.1	24.6	24.7	24.8	24.7	25.6	25.9	26.0	25.9	25.9	25.8	26.0	1980	325.97	317.82	315.53	320.44	319.02	322.29	320.72	317.20	323.21	333.74	332.91	344.02	355.75
1981		26.3	26.2	26.2										1981		346.01	344.32	348.94									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	262.08	256.68	266.17	259.37	257.09	257.71	259.53	251.43	250.34	264.80	264.38	269.24	284.27	1977	6.21	5.99	5.99	6.02	6.04	6.08	6.17	6.26	6.30	6.34	6.38	6.42	6.52
1978	275.52	271.97	268.09	279.07	281.23	275.84	279.07	260.40	255.19	279.47	274.90	280.90	294.50	1978	6.75	6.49	6.60	6.55	6.60	6.63	6.70	6.76	6.75	6.83	6.89	6.98	7.11
1979	301.61	279.19	285.69	290.07	278.66	293.56	297.62	292.70	297.86	312.05	306.72	327.22	347.30	1979	7.32	7.05	7.08	7.13	7.01	7.23	7.30	7.32	7.34	7.46	7.55	7.61	7.71
1980	329.99	331.32	320.46	323.36	318.85	323.76	327.33	313.05	324.59	330.96	332.63	350.40	361.35	1980	7.97	7.64	7.64	7.74	7.80	7.88	7.88	7.99	8.06	8.16	8.22	8.35	8.43
1981		353.81	351.78	358.99										1981		8.46	8.46	8.49									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	6.30	6.20	6.19	6.22	6.21	6.24	6.33	6.27	6.29	6.35	6.34	6.38	6.52	1977	41.3	40.5	41.4	41.2	40.9	41.2	41.5	40.6	41.3	41.8	41.5	41.8	42.3
1978	6.56	6.46	6.46	6.46	6.48	6.46	6.49	6.51	6.51	6.67	6.64	6.72	6.77	1978	41.3	40.3	40.3	41.2	41.1	41.0	41.4	40.6	41.1	41.7	41.5	41.9	42.8
1979	7.08	6.76	6.77	6.89	6.83	6.94	6.97	7.07	7.16	7.19	7.20	7.42	7.55	1979	41.5	41.6	41.9	42.1	39.5	41.3	41.7	40.8	40.9	41.6	41.7	42.1	42.7
1980	7.71	7.53	7.47	7.52	7.52	7.60	7.63	7.58	7.71	7.88	7.79	8.00	8.25	1980	40.9	41.6	41.3	41.4	40.9	40.9	40.7	39.7	40.1	40.9	40.5	41.2	42.2
1981		8.19	8.20	8.31										1981		40.9	40.7	41.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	41.6	41.4	43.0	41.7	41.4	41.3	41.0	40.1	39.8	41.7	41.7	42.2	43.6	1977	3.7	3.4	3.5	3.4	3.2	3.4	3.8	3.5	3.9	4.3	3.9	3.9	4.6
1978	42.0	42.1	41.5	43.2	43.4	42.7	43.0	40.0	39.2	41.9	41.4	41.8	43.5	1978	4.1	3.8	4.5	3.9	3.7	3.6	3.9	3.7	3.9	4.5	4.4	4.5	5.2
1979	42.6	41.3	42.2	42.1	40.8	42.3	42.7	41.4	41.6	43.4	42.6	44.1	46.0	1979	4.1	4.3	4.4	4.5	2.4	4.0	4.2	3.6	3.7	4.2	4.3	4.5	4.9
1980	42.8	44.0	42.9	43.0	42.4	42.6	42.9	41.3	42.1	42.0	42.7	43.8	43.8	1980	3.4	4.0	3.7	3.8	3.4	3.4	3.1	2.9	3.0	3.4	3.1	3.4	3.9
1981		43.2	42.9	43.2										1981		3.2	3.2	3.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	4.8	5.1	5.6	4.9	4.5	4.6	4.3	4.5	4.4	5.3	4.5	4.3	5.8	1977	2.4	2.3	2.6	2.4	2.1	2.9	3.1	2.4	2.8	2.5	2.3	2.0	1.5
1978	4.3	4.3	4.3	5.1	4.4	4.2	4.2	3.5	3.3	4.9	4.3	4.5	5.1	1978	2.5	2.3	2.1	2.3	2.4	3.0	3.0	2.5	2.9	2.7	2.8	2.2	1.8
1979	4.1	4.0	4.2	4.2	2.7	3.9	3.8	3.7	4.1	4.5	4.2	4.9	5.2	1979	2.4	2.8	2.2	2.5	2.4	3.2	2.9	2.5	2.6	2.5	2.7	1.8	1.5
1980	4.2	5.0	4.0	4.5	4.3	4.0	4.1	3.5	4.2	3.9	3.7	4.3	4.7	1980	2.1	2.5	2.0	2.2	1.8	2.1	2.7	2.2	2.3	2.3	1.8	1.8	1.4
1981		4.7	4.4	4.4										1981		2.4	2.1	2.4									
SIC 356—GENERAL INDUSTRIAL MACHINERY														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.8	1.6	1.7	1.7	1.5	2.1	2.4	1.9	2.2	2.0	1.9	1.6	1.2
1977	295.0	289.0	289.9	290.0	291.0	291.2	295.3	295.2	296.4	298.1	298.2	301.8	303.7	1978	2.0	1.8	1.6	1.7	1.8	2.3	2.5	2.0	2.5	2.3	2.3	1.7	1.4
1978	312.6	303.1	304.6	308.1	309.4	310.0	312.2	310.3	312.3	316.2	317.7	321.1	325.9	1979	2.0	2.4	1.8	2.0	1.9	2.6	2.5	2.0	2.0	1.9	2.2	1.4	1.1
1979	329.0	326.8	327.3	329.0	330.0	326.1	328.0	327.8	324.9	327.1	332.5	334.0	334.5	1980	1.3	1.7	1.5	1.6	1.3	1.4	1.7	1.0	1.2	1.3	1.1	1.0	.7
1980	321.6	334.3	333.8	333.3	329.5	324.0	321.0	313.7	313.8	315.0	313.6	312.6	314.5	1981		1.1	1.2	1.4									
1981		314.8	315.6	315.0																							

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 356—GENERAL INDUSTRIAL MACHINERY (Con.)														SIC 3561—PUMPS AND PUMPING EQUIPMENT (Con.)													
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	0.4	0.5	0.7	0.5	0.4	0.5	0.4	0.3	0.4	0.2	0.2	0.2	0.1	1977	6.23	5.95	5.98	6.00	6.00	6.05	6.13	6.31	6.33	6.40	6.41	6.50	6.63
1978	.3	.4	.3	.4	.3	.5	.3	.2	.2	.2	.2	.2	.2	1978	6.74	6.53	6.63	6.58	6.63	6.61	6.72	6.67	6.71	6.83	6.91	6.96	7.08
1979	.2	.2	.2	.3	.2	.3	.2	.3	.3	.4	.3	.2	.2	1979	7.30	6.98	7.10	7.16	7.02	7.16	7.24	7.28	7.34	7.44	7.54	7.61	7.73
1980	.5	.4	.3	.3	.3	.4	.7	.8	.5	.7	.6	.5	.5	1980	7.97	7.63	7.68	7.70	7.74	7.84	7.92	8.05	8.07	8.17	8.17	8.34	8.48
1981		1.0	.7	.7										1981		8.59	8.55	8.55									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.2	2.2	2.2	2.4	2.0	2.1	2.0	2.2	2.8	2.8	2.1	1.7	1.7	1977	41.8	40.8	42.2	42.4	41.8	42.0	41.9	40.2	41.6	41.9	41.6	42.4	42.9
1978	2.2	2.1	1.7	2.1	2.2	2.2	2.2	2.1	3.1	2.7	2.3	1.7	1.5	1978	40.9	39.5	40.7	41.2	41.0	40.7	40.7	39.8	40.2	41.0	41.3	41.5	42.7
1979	2.4	2.2	1.9	2.4	2.2	2.5	2.5	2.4	3.5	2.9	2.4	2.2	1.7	1979	41.1	41.4	42.1	42.0	39.6	41.0	41.4	40.0	40.4	40.4	41.1	41.3	42.9
1980	2.7	2.4	2.3	2.6	3.2	3.3	3.5	3.0	3.4	2.8	2.3	1.8	1.4	1980	40.3	41.2	41.0	41.2	40.3	40.1	39.7	38.2	40.0	40.2	39.9	40.1	41.5
1981		2.4	1.9	2.3										1981		40.6	40.1	40.7									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.0	.8	.7	.9	.9	1.0	1.1	1.1	1.7	1.5	.9	.8	.6	1977	4.2	4.0	4.6	4.8	3.9	4.0	4.2	3.5	4.0	4.3	4.2	4.4	4.8
1978	1.2	.8	.8	1.0	1.1	1.2	1.3	1.1	2.1	1.7	1.2	.9	.7	1978	3.8	3.4	4.1	3.9	3.8	3.5	3.5	3.3	3.1	3.8	4.1	4.1	4.6
1979	1.2	1.1	.9	1.2	1.1	1.3	1.3	1.1	2.1	1.5	1.1	.9	.6	1979	3.6	3.8	4.4	4.3	2.2	3.5	3.6	3.0	3.1	3.5	3.6	3.8	4.5
1980	.9	.9	.9	.9	.9	.8	.8	.7	1.3	1.1	.8	.6	.5	1980	2.8	3.4	3.3	3.4	2.8	2.5	2.3	2.2	2.6	2.4	2.5	2.5	3.2
1981		.8	.6	.7										1981		2.6	2.7	2.9									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.5	.6	.8	.7	.4	.4	.3	.4	.4	.5	.5	.3	.4	1977	2.5	2.7	2.8	2.7	2.3	3.3	3.3	2.1	2.8	2.4	2.2	1.8	1.4
1978	.3	.7	.3	.3	.4	.2	.3	.4	.3	.2	.4	.2	.2	1978	2.1	2.3	1.9	2.1	2.0	2.6	2.6	1.9	2.3	2.2	2.4	1.9	1.3
1979	.5	.3	.2	.3	.3	.4	.4	.6	.6	.7	.6	.7	.6	1979	2.1	2.4	2.1	2.3	2.0	2.8	2.4	1.8	2.3	1.9	2.2	1.4	1.2
1980	1.2	.7	.8	1.0	1.6	1.8	2.1	1.7	1.4	1.1	1.0	.8	.5	1980	1.9	1.9	1.8	2.0	1.3	1.8	2.0	3.1	1.8	2.2	1.7	1.4	1.2
1981		.8	.7	1.0										1981		2.3	2.0	2.2									
SIC 3561—PUMPS AND PUMPING EQUIPMENT														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.1	1.9	2.1	2.1	2.0	2.8	2.9	1.9	2.6	2.1	1.9	1.6	1.0
1977	58.9	57.4	57.8	57.5	57.1	57.7	58.8	59.2	60.0	60.2	60.2	60.3	60.3	1978	1.9	2.0	1.7	1.8	1.8	2.4	2.4	1.7	2.1	2.0	2.2	1.7	1.1
1978	61.0	60.1	59.7	60.1	60.4	60.5	61.3	60.4	60.9	61.5	61.6	61.8	63.1	1979	1.9	2.2	2.0	2.0	1.9	2.6	2.2	1.6	2.1	1.6	1.9	1.2	1.1
1979	64.5	63.4	64.1	64.6	64.7	64.6	64.3	64.2	63.7	64.7	64.8	65.5	65.5	1980	1.3	1.7	1.5	1.7	1.1	1.4	1.5	1.0	1.4	1.6	1.2	.9	.8
1980	63.1	65.3	65.6	65.1	64.5	63.6	63.1	62.4	61.8	62.0	61.5	61.9	60.8	1981		1.2	1.5	1.3									
1981		61.7	62.3	62.0																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	10.1	9.8	9.7	9.8	9.8	10.2	10.3	10.2	10.4	10.2	10.2	10.3	10.1	1977	.2	.6	.4	.3	.2	.3	.2	.1	.1	.1	.1	(⁵)	.1
1978	10.6	10.1	10.1	10.1	10.3	10.4	10.6	10.6	10.8	10.9	11.1	11.1	11.4	1978	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1
1979	11.7	11.4	11.5	11.6	11.7	11.7	11.9	11.7	11.6	11.8	11.8	11.9	11.9	1979	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.2	.1	.1
1980	11.6	11.7	11.9	11.9	11.9	11.7	11.5	11.4	11.3	11.4	11.4	11.3	11.3	1980	.4	.1	.2	.2	.1	.2	.4	1.9	.3	.5	.4	.3	.2
1981		11.5	11.6	11.6										1981		.9	.4	.6									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	36.6	35.4	35.6	35.5	35.0	35.9	36.6	37.1	37.6	37.7	37.7	37.7	37.8	1977	2.1	2.5	1.7	1.8	1.7	2.1	2.3	2.3	2.6	2.8	1.8	1.5	1.6
1978	37.9	37.8	37.6	37.5	37.8	37.8	38.1	37.4	37.5	38.0	38.1	38.0	39.0	1978	1.9	1.7	1.5	1.8	1.8	1.9	2.2	1.8	2.7	2.1	1.9	1.6	1.3
1979	39.3	39.1	39.5	39.7	39.7	39.5	39.1	38.8	38.0	39.4	39.3	39.9	40.1	1979	2.1	1.7	1.3	2.3	1.9	2.2	2.3	1.8	3.2	2.6	2.2	1.7	1.6
1980	37.4	39.8	40.1	39.3	38.6	37.8	37.2	36.5	36.2	36.5	35.8	36.1	34.9	1980	2.4	2.1	2.0	2.5	2.8	3.2	2.5	3.1	2.9	2.4	2.1	1.7	1.2
1981		35.5	36.2	36.0										1981		2.2	1.6	1.8									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	260.41	242.76	252.36	254.40	250.80	254.10	256.85	253.66	263.33	268.16	266.66	275.60	284.43	1977	1.1	.9	.8	.9	1.0	1.3	1.3	1.1	1.8	1.8	1.0	.8	.7
1978	275.67	257.94	269.84	271.10	271.83	269.03	273.50	265.47	269.74	280.03	285.38	288.84	302.32	1978	1.2	.9	.9	1.2	1.1	1.3	1.4	1.2	1.9	1.5	1.1	1.0	.6
1979	300.03	288.97	298.91	300.72	277.99	293.56	299.74	291.20	296.54	300.58	309.89	314.29	331.62	1979	1.2	1.0	.8	1.3	1.1	1.4	1.4	1.0	2.1	1.4	1.2	.9	.6
1980	321.19	314.36	314.88	317.24	311.92	314.38	314.42	307.51	322.80	328.43	325.98	334.43	351.92	1980	.9	1.0	1.0	1.0	.9	.8	.8	.6	1.1	1.1	.8	.7	.4
1981		348.75	342.86	347.99										1981		.9	.6	.6									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3561—PUMPS AND PUMPING EQUIPMENT (Con.)														SIC 3562—BALL AND ROLLER BEARINGS (Con.)													
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	0.2	0.2	0.1	0.4	0.2	0.1	0.2	0.5	0.2	0.2	0.3	0.2	0.2	1977	2.1	1.3	2.4	2.2	2.0	2.7	2.8	2.3	2.3	2.0	1.9	1.9	1.2
1978	.2	.2	.1	.1	.2	.1	.2	.2	.1	.2	.3	.1	.2	1978	2.2	1.6	1.5	1.7	2.0	2.2	2.6	2.5	2.6	2.9	3.1	2.1	1.5
1979	.3	.2	(5)	.4	.2	.2	.2	.2	.4	.5	.4	.3	.5	1979	2.2	3.0	1.7	1.9	2.2	2.6	2.5	2.5	2.1	2.3	2.2	2.2	1.4
1980	.9	.5	.5	.9	1.2	1.8	1.1	1.9	1.1	.8	.7	.5	.3	1980	2.4	2.6	2.0	2.7	2.1	2.4	3.7	3.0	3.6	1.9	2.0	1.7	1.5
1981	.5	.5	.5	.5										1981		2.8	1.9	2.2									
SIC 3562—BALL AND ROLLER BEARINGS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.2	.9	.8	1.0	1.0	1.6	1.9	1.7	1.7	1.3	1.1	1.1	.7
1977	55.1	53.6	53.6	53.6	55.4	55.2	55.6	54.9	55.3	55.4	55.4	56.6	56.3	1978	1.6	.9	.9	1.0	1.3	1.5	2.1	2.0	2.1	2.2	2.3	1.4	1.0
1978	56.5	56.0	56.3	56.3	56.3	55.3	55.6	55.4	55.3	56.6	57.0	58.1	59.2	1979	1.5	2.7	1.2	1.4	1.5	1.8	1.9	1.8	1.6	1.1	1.5	1.4	.7
1979	58.3	59.2	59.1	59.6	59.8	56.5	57.2	56.6	55.8	55.4	59.5	60.2	60.1	1980	1.0	1.2	1.4	1.4	1.2	1.5	1.8	.6	.6	.8	.7	.8	.5
1980	57.5	60.0	60.1	59.9	58.5	57.0	56.5	55.2	56.5	57.2	57.1	55.1	57.4	1981		.9	.9	1.1									
1981		57.6	57.7	57.2																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	12.6	12.5	12.5	12.5	12.5	12.6	12.6	12.6	12.5	12.5	12.7	12.9	12.9	1977	.4	.2	1.5	.7	.6	.5	.4	.2	.5	.2	.3	.2	.1
1978	13.2	13.0	13.0	13.1	13.1	13.1	13.2	13.0	12.7	13.2	13.3	13.5	13.9	1978	.3	.6	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1
1979	13.9	14.0	14.1	14.2	14.4	13.4	13.7	13.6	13.4	13.3	14.3	14.4	14.3	1979	.2	.1	.1	.1	.1	.1	.1	.2	.1	.9	.1	.1	.2
1980	14.0	14.4	14.4	14.4	14.3	14.0	13.9	13.6	13.9	13.9	13.9	13.3	14.0	1980	.4	.2	.2	.1	.2	.4	.8	.8	.3	.3	.8	.3	.5
1981		14.1	14.3	14.2										1981		1.2	.7	.7									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	42.0	41.2	41.0	41.0	42.4	42.1	42.3	41.7	42.0	42.1	42.1	43.4	43.2	1977	1.9	1.4	2.9	1.9	1.6	1.6	1.7	1.6	2.0	3.0	1.7	1.5	1.7
1978	43.5	42.9	43.4	43.5	43.5	42.5	42.7	42.4	42.2	43.5	44.0	45.0	46.1	1978	1.8	1.9	1.5	1.7	1.7	1.6	1.7	1.6	2.9	2.5	1.8	1.4	1.1
1979	45.4	46.1	46.2	46.5	46.7	43.2	43.9	43.1	42.5	43.0	47.5	48.1	47.7	1979	2.2	1.8	1.4	1.9	1.8	1.5	1.8	2.0	4.1	3.9	2.4	2.5	1.9
1980	44.9	47.6	47.4	47.5	46.1	44.2	44.0	42.7	43.7	44.3	44.3	42.8	44.6	1980	2.9	2.6	1.6	2.8	5.4	4.3	2.6	3.2	4.1	3.1	2.2	1.4	1.1
1981		44.8	44.8	44.5										1981		1.8	1.5	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	260.82	250.02	246.86	250.80	254.94	257.84	260.57	261.46	264.59	270.51	267.96	268.55	274.49	1977	.6	.4	.5	.5	.5	.6	.6	.6	.9	1.3	.5	.5	.3
1978	278.51	261.87	248.90	260.65	268.46	271.83	278.05	277.16	282.35	287.85	291.35	298.07	308.74	1978	.7	.5	.5	.5	.7	.6	.7	.6	1.4	1.4	.8	.6	.4
1979	312.70	302.28	300.33	305.73	283.71	312.49	314.49	314.75	308.92	317.15	325.80	331.19	331.87	1979	.9	.9	.5	.8	.8	.7	.8	.7	2.1	1.1	1.1	.6	.4
1980	333.98	325.28	318.10	332.59	328.34	331.69	328.44	335.27	321.96	334.53	339.07	352.80	364.63	1980	.7	.6	.7	.6	.6	.7	.6	.6	1.3	1.0	.5	.4	.3
1981		354.48	354.48	359.54										1981		.7	.5	.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.21	6.01	5.92	6.00	6.07	6.11	6.16	6.24	6.27	6.35	6.38	6.44	6.52	1977	.5	.4	1.6	.5	.2	.3	.2	.2	.4	.7	.3	.3	.6
1978	6.76	6.45	6.55	6.42	6.58	6.63	6.70	6.76	6.82	6.87	6.97	7.08	7.18	1978	.4	.9	.4	.5	.2	.2	.3	.3	.7	.3	.2	.1	.2
1979	7.41	7.18	7.10	7.16	7.04	7.37	7.47	7.53	7.48	7.48	7.63	7.72	7.70	1979	.7	.1	.2	.4	.2	.1	.3	.5	1.2	2.1	.8	1.3	1.0
1980	7.99	7.60	7.61	7.90	7.95	7.86	7.82	8.04	7.93	8.10	8.27	8.40	8.46	1980	1.6	1.1	.4	1.5	4.1	2.8	1.3	1.7	2.2	1.4	1.3	.5	.5
1981		8.40	8.40	8.52										1981		.4	.3	1.9									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3563—AIR AND GAS COMPRESSORS													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	42.0	41.6	41.7	41.8	42.0	42.2	42.3	41.9	42.2	42.6	42.0	41.7	42.1	1977	28.1	27.4	27.1	27.2	27.4	27.4	27.9	28.3	28.3	28.6	28.7	29.0	29.4
1978	41.2	40.6	38.0	40.6	40.8	41.0	41.5	41.0	41.4	41.9	41.8	42.1	43.0	1978	30.8	29.0	29.3	30.0	30.1	30.5	31.0	31.1	31.1	31.3	31.7	31.8	32.2
1979	42.2	42.1	42.3	42.7	40.3	42.4	42.1	41.8	41.3	42.4	42.7	42.9	43.1	1979	31.9	32.3	31.8	31.5	32.0	32.0	32.0	31.8	31.7	31.6	31.8	32.0	31.8
1980	41.8	42.8	41.8	42.1	41.3	42.2	42.0	41.7	40.6	41.3	41.0	42.0	43.1	1980	31.0	32.0	32.1	32.0	31.7	31.4	31.2	30.2	30.1	30.1	30.2	30.5	30.5
1981		42.2	42.2	42.2										1981		30.3	30.1	30.3									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.3	4.3	3.5	3.7	4.1	4.3	4.3	4.3	4.3	4.7	4.3	4.6	4.6	1977	16.7	16.3	16.1	16.3	16.4	16.5	16.8	16.8	16.8	17.1	17.1	17.2	17.4
1978	4.7	4.2	5.1	3.6	3.9	4.0	4.4	4.4	4.9	5.4	5.2	5.2	6.1	1978	18.0	17.5	17.8	17.8	17.8	17.8	18.1	17.9	17.8	18.1	18.6	18.5	18.8
1979	4.8	5.3	4.9	5.1	2.7	4.8	4.7	4.5	4.2	4.5	5.2	5.4	5.6	1979	18.7	19.1	18.9	18.4	18.8	18.8	18.9	18.5	18.4	18.5	18.6	18.9	19.0
1980	4.3	4.9	4.3	4.9	4.6	5.0	4.0	4.2	3.1	3.7	3.5	4.3	5.0	1980	18.4	19.1	19.1	19.1	18.8	18.5	18.5	17.9	17.7	17.8	18.0	18.1	18.1
1981		4.4	4.1	3.8										1981		18.0	18.0	18.2									

See footnotes at end of tables.

MANUFACTURING

SIC 3564

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3563—AIR AND GAS COMPRESSORS (Con.)														SIC 3564—BLOWERS AND FANS (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	261.66	238.86	237.46	243.53	251.64	254.75	258.69	249.86	264.59	280.80	276.64	286.89	292.03	1977	40.5	40.4	41.2	40.4	39.1	40.2	40.3	39.5	40.9	40.4	40.9	40.8	41.5
1978	295.95	276.97	281.73	289.20	284.34	286.79	298.35	296.19	299.06	307.30	301.75	310.61	312.06	1978	40.5	38.6	40.1	40.3	40.2	39.8	41.0	41.0	40.5	40.2	40.2	41.3	42.5
1979	312.83	301.02	302.54	303.64	276.71	302.50	316.40	302.91	303.14	323.67	328.67	349.36	340.13	1979	41.0	41.1	40.9	41.6	38.8	40.1	41.7	41.1	40.5	41.0	41.2	41.7	42.3
1980	352.37	332.54	335.07	338.13	343.48	353.93	342.38	337.74	350.06	378.01	367.16	373.24	378.45	1980	41.3	41.4	41.8	41.2	40.7	41.0	41.6	40.4	40.2	41.7	40.9	41.8	42.9
1981		372.73	370.86	375.62										1981		40.2	39.5	40.6									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	6.23	5.84	5.82	5.84	6.02	6.08	6.13	6.20	6.33	6.50	6.54	6.58	6.76	1977	2.8	2.6	2.4	2.3	1.8	2.2	3.5	2.7	3.3	3.5	2.8	3.0	3.9
1978	6.98	6.69	6.74	6.71	6.77	6.78	7.02	7.12	7.07	7.13	7.10	7.19	7.36	1978	3.5	2.7	4.0	3.4	3.1	3.3	3.7	3.3	3.4	3.5	3.5	3.6	4.3
1979	7.52	7.36	7.29	7.37	7.15	7.36	7.48	7.37	7.43	7.67	7.77	7.94	7.91	1979	4.0	3.7	3.6	4.0	2.4	3.8	4.5	3.4	3.7	4.4	4.2	4.8	5.2
1980	8.35	7.88	7.94	8.07	8.12	8.25	8.29	8.36	8.58	8.71	8.68	8.68	8.72	1980	3.8	4.4	4.0	3.7	3.2	3.4	3.6	3.1	3.6	4.4	3.9	4.0	4.2
1981		8.77	8.83	8.88										1981		3.3	2.9	3.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	42.0	40.9	40.8	41.7	41.8	41.9	42.2	40.3	41.8	43.2	42.3	43.6	43.2	1977	2.9	2.9	3.7	2.6	2.1	2.5	3.8	3.2	3.4	3.3	2.8	2.5	2.3
1978	42.4	41.4	41.8	43.1	42.0	42.3	42.5	41.6	42.3	43.1	42.5	43.2	42.4	1978	3.1	3.2	3.2	3.1	2.6	3.6	4.1	2.8	3.8	3.8	2.8	2.4	2.2
1979	41.6	40.9	41.5	41.2	38.7	41.1	42.3	41.1	40.8	42.2	42.3	44.0	43.0	1979	3.0	3.5	3.1	3.2	2.6	4.0	2.9	3.3	3.0	3.4	3.8	1.7	1.5
1980	42.2	42.2	42.2	41.9	42.3	42.9	41.3	40.4	40.8	43.4	42.3	43.0	43.4	1980	2.6	3.2	2.7	2.6	1.9	2.2	4.4	1.9	2.8	2.6	2.3	1.9	2.1
1981		42.5	42.0	42.3										1981		2.8	2.4	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														NEW HIRES PER 100 EMPLOYEES													
1977	4.3	3.8	3.6	3.4	3.8	3.7	4.4	3.3	4.5	5.5	4.7	4.6	5.8	1977	2.5	2.6	3.2	2.2	1.8	2.0	3.0	2.6	2.8	2.8	2.6	2.0	1.9
1978	4.3	4.7	5.0	4.6	3.8	3.8	4.4	3.6	4.5	4.6	4.1	4.5	4.3	1978	2.6	2.8	2.5	2.4	2.2	3.0	3.4	2.4	3.4	3.5	2.5	2.0	1.7
1979	4.0	3.6	4.3	4.2	1.6	3.2	3.9	3.0	3.3	4.6	4.7	5.7	5.4	1979	2.6	3.2	2.6	2.6	2.3	3.4	2.6	2.7	2.6	3.1	3.3	1.5	1.1
1980	4.5	5.0	4.9	4.8	4.7	5.1	3.6	3.9	3.7	4.8	4.5	4.3	4.4	1980	1.7	2.2	2.0	2.0	1.6	1.7	2.2	1.3	1.7	1.6	1.4	1.3	.9
1981		4.3	4.0	4.0										1981		1.6	1.7	2.4									
SIC 3564—BLOWERS AND FANS														RECALLS PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	.3	.1	.4	.3	.2	.4	.6	.5	.4	.4	.1	.3	.2
1977	36.5	36.0	36.4	36.3	35.7	35.6	36.1	36.4	35.9	36.9	36.3	37.6	38.2	1978	.4	.3	.6	.6	.3	.5	.6	.3	.3	.2	.2	.4	.4
1978	39.5	38.2	38.4	38.7	38.9	39.1	39.7	38.7	39.7	39.8	40.1	40.7	41.5	1979	.3	.2	.4	.5	.2	.4	.1	.4	.3	.2	.4	.1	.3
1979	42.4	41.9	42.3	42.5	42.5	42.3	42.1	42.3	41.4	42.6	42.9	42.9	42.9	1980	.7	.8	.5	.4	.2	.4	1.9	.5	.9	.8	.8	.5	1.1
1980	41.3	43.3	43.2	43.5	42.6	41.6	40.9	40.7	40.4	40.4	39.6	39.7	40.2	1981		1.0	.5	.5									
1981		40.4	40.9	40.8										SEPARATIONS PER 100 EMPLOYEES													
1977	23.3	22.8	22.9	22.9	22.8	22.7	23.1	23.3	22.7	23.8	23.3	24.3	24.6	1977	2.5	2.2	2.2	4.0	2.3	2.4	2.4	2.7	4.1	2.9	2.3	1.6	1.4
1978	25.3	24.6	24.6	24.8	25.1	25.3	25.8	24.9	25.3	25.4	25.5	25.8	26.3	1978	2.6	1.9	1.8	2.3	3.2	2.8	2.6	2.6	3.3	3.7	2.8	2.1	1.6
1979	27.2	26.5	26.6	26.7	27.5	27.3	27.0	27.3	26.5	27.8	27.8	27.8	28.0	1979	2.9	2.4	2.7	2.7	2.5	3.5	3.1	4.0	3.5	3.2	3.0	2.3	2.0
1980	25.5	28.1	26.5	26.7	25.8	25.3	24.4	24.9	24.6	25.1	24.6	24.6	24.8	1980	3.2	2.5	2.9	3.2	3.2	3.6	4.4	3.7	3.4	4.0	3.6	2.5	1.7
1981		25.1	25.4	25.4										1981		2.7	2.2	2.9									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	231.26	231.09	231.54	227.05	217.79	226.73	226.89	225.94	235.58	231.90	237.63	237.86	242.78	1977	1.3	1.0	1.0	1.3	1.1	1.2	1.4	1.5	2.8	1.8	1.2	.9	.7
1978	247.86	226.58	243.41	242.20	242.81	241.19	251.74	246.65	244.42	248.44	258.13	270.30		1978	1.5	1.0	1.0	1.1	1.6	1.9	1.7	1.5	2.4	2.3	1.6	1.1	1.0
1979	272.24	261.40	260.53	266.24	247.16	263.46	275.64	271.67	270.95	280.85	280.16	288.15	297.37	1979	1.6	1.3	1.5	1.8	1.6	1.9	1.8	1.4	2.4	1.9	1.4	1.1	.7
1980	301.90	290.21	291.76	289.64	288.56	299.30	303.26	295.73	300.29	314.42	307.57	317.26	326.90	1980	1.2	1.3	1.5	1.2	1.4	1.1	1.2	.9	1.8	1.4	1.3	.8	.8
1981		309.94	304.55	314.65										1981		.9	.8	1.0									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.71	5.72	5.62	5.62	5.57	5.64	5.63	5.72	5.76	5.74	5.81	5.83	5.85	1977	.6	.6	.5	1.6	.6	.8	.4	.7	.6	.5	.6	.2	.3
1978	6.12	5.87	6.07	6.01	6.04	6.06	6.14	6.19	6.09	6.08	6.18	6.25	6.36	1978	.3	.3	.3	.3	.9	.2	.4	.5	.1	.4	.5	.3	(¹)
1979	6.64	6.36	6.37	6.40	6.37	6.57	6.61	6.61	6.69	6.85	6.80	6.91	7.03	1979	.6	.2	.4	.1	.3	.8	.6	1.8	.2	.4	.7	.5	.8
1980	7.31	7.01	6.98	7.03	7.09	7.30	7.29	7.32	7.47	7.54	7.52	7.59	7.62	1980	1.4	.6	.8	1.5	1.2	1.9	2.6	2.3	.8	1.9	1.8	1.2	.5
1981		7.71	7.71	7.75										1981		1.2	.8	1.1									

See footnotes at end of tables.

SIC 3566

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3566—SPEED CHANGERS, DRIVES, AND GEARS

ALL EMPLOYEES—IN THOUSANDS													
1977	24.1	24.3	24.2	24.3	24.0	24.0	24.0	23.1	23.4	24.3	24.3	24.5	24.8
1978	25.0	24.7	24.9	25.0	25.0	25.1	25.3	25.0	24.6	25.0	25.0	25.3	25.6
1979	26.8	25.7	25.9	26.1	26.3	26.3	26.8	27.1	26.9	27.2	27.4	27.6	27.9
1980	26.7	27.9	28.0	28.0	27.5	27.3	26.8	26.0	25.7	25.6	25.7	25.7	25.8
1981		26.2	26.2	26.4									

PRODUCTION WORKERS—IN THOUSANDS													
1977	16.6	16.7	16.6	16.7	16.5	16.5	16.5	15.7	16.1	16.9	16.8	17.0	17.1
1978	17.2	17.1	17.2	17.3	17.3	17.3	17.4	17.0	16.9	17.1	17.1	17.4	17.7
1979	18.3	17.7	17.9	17.9	18.1	18.0	18.4	18.4	18.3	18.6	18.8	18.9	19.1
1980	18.0	19.3	19.2	19.2	19.0	18.6	18.2	17.2	17.0	17.1	17.2	17.2	17.2
1981		17.3	17.3	17.4									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	273.73	253.49	264.58	262.26	255.33	259.20	271.23	272.33	282.38	286.12	285.60	284.50	309.32
1978	311.04	291.87	300.57	298.32	298.90	301.18	306.72	309.44	311.10	317.99	322.51	328.24	343.99
1979	347.49	325.74	335.98	342.85	308.25	345.40	350.60	346.20	347.11	360.47	367.04	358.13	384.75
1980	367.33	359.96	358.28	363.32	366.72	361.38	367.22	358.58	366.71	372.94	369.90	379.22	391.07
1981		381.89	392.18	392.92									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	6.58	6.29	6.36	6.35	6.32	6.40	6.52	6.61	6.66	6.78	6.80	6.79	7.03
1978	7.20	6.90	6.99	6.97	7.00	7.07	7.10	7.23	7.32	7.26	7.38	7.46	7.73
1979	7.97	7.42	7.55	7.67	7.50	7.85	7.95	8.07	8.11	8.23	8.38	8.29	8.55
1980	8.83	8.43	8.47	8.63	8.69	8.75	8.87	8.92	9.01	9.03	9.00	9.16	9.18
1981		9.18	9.36	9.40									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	41.6	40.3	41.6	41.3	40.4	40.5	41.6	41.2	42.4	42.2	42.0	41.9	44.0
1978	43.2	42.3	43.0	42.8	42.7	42.6	43.2	42.8	42.5	43.8	43.7	44.0	44.5
1979	43.6	43.9	44.5	44.7	41.1	44.0	44.1	42.9	42.8	43.8	43.8	43.2	45.0
1980	41.6	42.7	42.3	42.1	42.2	41.3	41.4	40.2	40.7	41.3	41.1	41.4	42.6
1981		41.6	41.9	41.8									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.5	2.6	3.0	2.8	2.4	2.4	3.2	3.7	4.2	4.4	4.0	3.5	5.4
1978	4.8	4.2	4.6	4.1	4.0	3.9	4.2	4.4	4.9	5.1	5.1	5.4	7.1
1979	5.5	5.2	6.1	6.4	4.1	5.8	5.9	4.9	5.0	5.8	5.9	4.8	6.5
1980	3.6	4.6	4.6	4.4	4.2	3.6	3.5	2.5	2.6	3.0	2.7	3.1	3.6
1981		3.0	3.8	3.4									

SIC 3568—POWER TRANSMISSION EQUIPMENT, NEC

ALL EMPLOYEES—IN THOUSANDS													
1977	22.3	20.3	20.9	21.2	21.6	22.0	22.4	22.6	22.8	23.1	23.4	23.5	23.6
1978	24.4	23.7	23.8	23.9	24.1	24.3	24.1	24.2	24.4	24.5	24.9	25.2	25.4
1979	25.6	25.6	25.7	25.9	26.0	25.6	25.7	25.8	25.3	25.6	25.6	25.3	25.3
1980	22.9	25.1	24.5	24.5	24.3	23.8	23.1	22.1	21.7	21.7	21.6	21.5	21.4
1981		21.3	21.4	21.5									

PRODUCTION WORKERS—IN THOUSANDS													
1977	15.9	14.0	14.5	15.1	15.3	15.8	16.1	16.3	16.1	16.7	17.0	17.1	17.1
1978	17.7	17.1	17.3	17.3	17.5	17.6	17.4	17.4	17.5	17.8	18.2	18.4	18.7
1979	18.7	18.8	19.0	19.2	19.3	18.8	18.8	18.6	18.3	18.6	18.5	18.4	18.4
1980	16.2	18.2	17.6	17.5	17.4	16.9	16.3	15.4	15.1	15.2	15.2	15.0	15.0
1981		14.9	15.0	15.2									

SIC 3568—POWER TRANSMISSION EQUIPMENT, NEC (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	245.18	227.52	240.02	234.72	235.65	237.28	243.31	243.76	245.22	255.78	250.10	252.56	268.98
1978	272.24	251.14	257.22	260.57	264.99	268.09	268.86	264.52	268.62	281.96	283.75	289.07	299.64
1979	291.99	286.33	296.50	293.16	263.53	287.82	288.97	283.50	288.81	297.02	303.78	307.10	311.32
1980	308.37	303.07	302.33	301.73	298.22	300.53	302.35	292.99	307.71	312.04	315.22	326.41	342.38
1981		332.00	335.76	338.25									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.98	5.76	5.84	5.81	5.79	5.83	5.92	5.96	6.10	6.09	6.13	6.16	6.27
1978	6.56	6.31	6.32	6.34	6.37	6.46	6.51	6.58	6.52	6.65	6.74	6.85	6.92
1979	7.07	6.85	6.96	6.98	6.74	7.02	6.98	7.00	7.01	7.14	7.32	7.40	7.43
1980	7.69	7.41	7.41	7.45	7.40	7.57	7.54	7.67	7.79	7.86	7.96	8.14	8.27
1981		8.30	8.27	8.25									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	41.0	39.5	41.1	40.4	40.7	40.7	41.1	40.9	40.2	42.0	40.8	41.0	42.9
1978	41.5	39.8	40.7	41.1	41.6	41.5	41.3	40.2	41.2	42.4	42.1	42.2	43.3
1979	41.3	41.8	42.6	42.0	39.1	41.0	41.4	40.5	41.2	41.6	41.5	41.5	41.9
1980	40.1	40.9	40.8	40.5	40.3	39.7	40.1	38.2	39.5	39.7	39.6	40.1	41.4
1981		40.0	40.6	41.0									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.9	3.5	3.8	3.3	3.3	3.4	3.8	3.8	4.3	5.0	3.8	3.7	5.1
1978	4.3	3.8	4.2	4.0	3.8	3.9	3.9	3.9	4.0	5.3	4.8	4.8	5.6
1979	3.9	4.6	5.2	4.6	1.9	3.9	4.2	4.1	3.8	4.0	3.6	3.7	3.7
1980	2.7	2.8	2.6	2.8	2.6	2.5	2.2	2.0	2.9	2.9	2.5	2.7	3.6
1981		3.0	3.2	3.3									

MANUFACTURING

SIC 3573

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 357—OFFICE AND COMPUTING MACHINES (Con.)														SIC 357—OFFICE AND COMPUTING MACHINES (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.35	5.27	5.25	5.29	5.33	5.38	5.33	5.35	5.35	5.41	5.38	5.42	5.46	1977	0.2	0.5	0.2	0.3	0.2	0.1	0.1	0.2	0.2	0.1	(⁵)	0.3	0.4
1978	5.61	5.45	5.48	5.49	5.49	5.53	5.58	5.55	5.62	5.72	5.72	5.78	5.84	1978	.1	.2	.2	.1	.1	(⁵)	(⁵)	.1	.3	(⁵)	0.1	.1	.1
1979	6.09	5.85	5.93	5.97	6.00	6.05	6.07	6.09	6.14	6.21	6.18	6.21	6.32	1979	.1	.2	.1	.1	(⁵)	.1	.1	.1	(⁵)	.2	.1	(⁵)	.1
1980	6.74	6.34	6.45	6.52	6.59	6.61	6.60	6.69	6.75	6.98	7.05	7.11	7.17	1980	.2	.1	.3	.2	.4	.3	.2	.2	.1	.2	.3	.1	.1
1981		7.18	7.26	7.29										1981		.2	.2	.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3573—ELECTRONIC COMPUTING EQUIPMENT													
1977	40.9	40.5	40.6	40.5	40.2	40.5	41.4	40.7	40.7	41.1	41.0	41.6	41.8	ALL EMPLOYEES—IN THOUSANDS													
1978	41.4	40.1	40.6	41.4	41.2	40.9	42.1	41.2	41.2	41.3	41.4	42.3	42.7	1977	239.1	225.3	227.4	228.0	229.5	231.8	237.0	240.7	243.9	246.1	249.8	253.1	256.6
1979	41.6	41.5	41.5	41.6	40.4	40.7	41.7	41.0	41.5	41.7	41.5	42.6	43.1	1978	276.6	258.3	261.6	263.3	267.8	270.1	275.5	280.0	282.9	284.8	288.3	291.4	294.7
1980	41.4	41.4	41.2	42.1	40.6	41.2	41.4	40.7	41.4	41.6	41.2	41.7	42.1	1979	318.9	299.5	304.5	308.0	309.4	309.8	315.7	323.0	326.2	327.9	330.4	334.5	337.7
1981		40.8	40.8	40.9										1980	350.2	339.1	340.6	342.7	344.4	346.7	352.3	353.4	354.3	353.1	355.7	358.2	361.4
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.0	3.1	2.9	3.0	2.5	2.7	3.0	2.7	2.8	3.2	3.0	3.4	3.7	1977	76.3	70.3	71.3	71.4	71.4	72.1	74.8	76.4	78.0	79.2	81.7	83.8	85.1
1978	3.2	2.8	3.4	3.4	3.1	2.8	3.3	2.7	3.1	3.4	3.2	3.4	3.5	1978	94.3	86.7	87.5	88.7	90.0	91.3	93.9	95.9	96.4	98.5	99.7	100.5	102.2
1979	2.9	2.8	3.0	2.9	2.2	2.6	2.8	2.3	2.7	3.0	3.0	3.5	3.8	1979	111.8	103.1	105.1	106.3	107.4	108.0	109.9	114.1	115.1	115.9	117.2	119.0	120.4
1980	2.7	2.7	2.7	3.0	2.4	2.5	2.4	2.3	2.7	2.9	2.6	2.8	2.9	1980	125.7	120.9	121.0	122.3	123.3	124.0	126.4	126.4	127.0	127.1	128.6	129.8	131.1
1981		2.4	2.5	2.5										1981		130.7	130.7	131.4									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.9	2.5	2.4	2.9	2.4	3.2	4.2	3.0	3.2	3.4	3.2	2.2	2.1	1977	95.8	87.3	88.6	88.4	89.9	91.7	95.0	97.1	99.5	100.2	102.4	104.2	105.7
1978	2.8	2.4	2.3	2.5	2.4	2.6	3.8	2.6	3.0	3.3	3.4	2.8	2.1	1978	113.0	106.1	107.2	108.5	110.0	110.5	112.0	112.9	113.5	115.3	118.0	120.2	122.0
1979	2.9	2.4	2.8	2.9	3.0	3.1	4.6	3.3	3.0	3.3	2.8	2.5	1.7	1979	131.4	122.8	125.0	126.2	127.2	126.7	129.4	133.5	135.3	136.2	136.9	138.4	139.0
1980	2.2	2.7	2.2	2.3	2.0	2.0	2.9	1.9	2.2	2.6	2.2	1.8	1.5	1980	140.2	138.1	138.0	138.2	138.7	139.4	141.4	139.9	141.2	141.3	141.5	142.3	142.2
1981		1.9	2.3	2.6										1981		140.5	139.8	139.8									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.4	2.0	1.9	2.4	2.0	2.7	3.6	2.3	2.5	2.8	2.7	1.8	1.6	1977	223.85	219.35	217.75	218.43	216.81	221.41	225.30	222.89	225.09	228.93	225.22	228.36	231.38
1978	2.3	2.0	1.9	2.0	1.9	1.9	3.1	2.3	2.4	2.8	3.0	2.4	1.8	1978	233.79	223.58	224.54	227.84	226.60	226.73	235.05	228.25	232.52	238.46	237.22	245.07	251.70
1979	2.5	2.0	2.4	2.5	2.6	2.8	4.1	2.9	2.5	2.9	2.4	1.9	1.3	1979	256.23	246.29	247.21	248.71	244.01	248.87	256.43	252.97	260.83	265.23	258.75	266.48	275.82
1980	1.8	2.3	1.9	2.0	1.6	1.7	2.5	1.6	1.8	2.1	1.9	1.5	1.2	1980	279.97	266.46	269.93	278.80	272.08	274.48	275.39	273.36	280.54	289.53	287.60	293.30	300.90
1981		1.5	2.0	2.1										1981		289.27	293.35	296.12									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.2	1977	5.42	5.35	5.35	5.38	5.38	5.44	5.39	5.41	5.45	5.49	5.44	5.45	5.47
1978	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	(⁵)	1978	5.62	5.48	5.49	5.49	5.50	5.53	5.57	5.54	5.63	5.76	5.73	5.78	5.84
1979	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	1979	6.13	5.85	5.90	5.95	6.01	6.07	6.12	6.14	6.24	6.30	6.25	6.27	6.37
1980	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	1980	6.73	6.39	6.52	6.56	6.62	6.63	6.62	6.70	6.76	6.91	6.93	7.00	7.08
1981		.1	.1	.2										1981		7.09	7.19	7.24									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.1	2.2	1.6	2.1	1.8	1.9	2.2	2.0	2.5	3.0	2.0	1.9	1.9	1977	41.3	41.0	40.7	40.6	40.3	40.7	41.8	41.2	41.3	41.7	41.4	41.9	42.3
1978	2.0	1.9	1.7	1.7	1.7	1.8	2.2	2.1	3.0	3.0	2.1	1.8	1.4	1978	41.6	40.8	40.9	41.5	41.2	41.0	42.2	41.2	41.3	41.4	41.4	42.4	43.1
1979	2.2	2.0	1.9	2.1	1.9	2.2	2.6	2.2	2.8	2.9	2.3	2.1	1.4	1979	41.8	42.1	41.9	41.8	40.6	41.0	41.9	41.2	41.8	42.1	41.4	42.5	43.3
1980	1.9	1.8	2.0	2.2	2.2	1.9	2.0	1.7	2.3	2.3	1.8	1.8	1.2	1980	41.6	41.7	41.4	42.5	41.1	41.4	41.6	40.8	41.5	41.9	41.5	41.9	42.5
1981		1.7	2.0	1.8										1981		40.8	40.8	40.9									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.2	.9	.7	1.2	1.0	1.1	1.3	1.0	1.5	2.1	1.3	1.0	.9	1977	3.3	3.4	3.3	3.3	2.8	2.9	3.3	3.0	3.1	3.6	3.2	3.7	3.9
1978	1.2	.9	.9	1.0	1.0	1.1	1.3	1.1	1.9	2.0	1.3	1.2	.8	1978	3.2	3.0	3.6	3.4	3.2	2.9	3.3	2.8	3.1	3.5	3.1	3.3	3.6
1979	1.3	1.0	1.1	1.3	1.1	1.3	1.6	1.3	1.8	1.8	1.4	1.2	.9	1979	3.0	3.0	3.1	3.0	2.3	2.7	2.8	2.3	2.8	3.1	3.0	3.5	3.9
1980	1.0	1.2	1.2	1.2	1.1	1.0	1.0	.9	1.4	1.2	1.0	.7	.6	1980	2.7	3.0	2.7	3.0	2.6	2.5	2.4	2.2	2.6	2.8	2.7	2.9	3.2
1981		.8	1.1	.9										1981		2.5	2.7	2.7									

See footnotes at end of tables.

SIC 3573
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3573—ELECTRONIC COMPUTING EQUIPMENT (Con.)

ACCESSIONS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES													
1977	2.9	2.4	2.5	3.0	2.5	3.3	4.4	3.1	3.0	3.5	3.0	2.3	2.1	2.77	2.5	2.0	2.0	2.6	2.1	2.9	3.8	2.5	2.5	2.9	2.6	1.9	1.7
1978	2.7	2.4	2.3	2.4	2.4	2.2	3.7	2.3	2.9	3.0	3.3	2.9	2.2	1978	2.3	2.0	2.0	2.0	2.0	1.8	3.2	2.1	2.3	2.7	2.9	2.6	2.0
1979	2.9	2.4	3.0	3.0	2.9	3.0	4.6	3.2	2.7	3.4	2.8	2.5	1.6	1979	2.6	2.0	2.6	2.7	2.5	2.7	4.3	2.8	2.4	3.1	2.5	2.0	1.4
1980	2.2	2.6	2.2	2.5	2.0	2.1	3.0	1.8	2.1	2.5	2.3	1.8	1.5	1980	1.9	2.3	1.9	2.1	1.6	1.8	2.7	1.6	1.8	2.2	2.0	1.5	1.3
1981		1.9	2.4	2.6										1981	1.6	2.1	2.2										
RECALLS PER 100 EMPLOYEES														SEPARATIONS PER 100 EMPLOYEES													
1977	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1977	1.9	1.9	1.5	2.0	1.7	1.8	2.0	1.8	2.1	3.0	1.8	1.6	1.7
1978	.1	.1	.1	.1	.1	.1	.1	(⁵)	.1	.1	.1	.1	(⁵)	1978	1.9	1.7	1.5	1.6	1.6	1.6	2.1	2.0	2.5	2.8	1.8	1.6	1.4
1979	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	1979	2.1	1.9	1.9	1.9	1.9	2.0	2.5	2.0	2.5	2.9	2.3	1.9	1.3
1980	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	1980	1.8	1.7	1.8	2.1	2.1	1.8	1.8	1.6	2.1	2.3	1.8	1.5	1.2
1981		.1	.1	.2										1981	1.5	1.8	1.7										
QUITS PER 100 EMPLOYEES														LAYOFFS PER 100 EMPLOYEES													
1977	1.1	.8	.7	1.1	1.0	1.1	1.2	1.0	1.3	2.1	1.2	.9	.9	1977	.1	.4	.2	.2	.1	(⁵)	(⁵)	.1	.1	.1	(⁵)	.1	.2
1978	1.1	.9	.8	.9	1.0	1.0	1.3	1.0	1.6	1.9	1.2	1.1	.8	1978	(⁵)	.1	.1	.1	(⁵)	(⁵)	(⁵)	(⁵)	.1	(⁵)	(⁵)	.1	.1
1979	1.3	.9	1.1	1.2	1.0	1.2	1.6	1.2	1.6	1.8	1.4	1.2	.9	1979	(⁵)	.1	.1	(⁵)	(⁵)	.1	.1	.1	.1	(⁵)	.1	(⁵)	.1
1980	1.0	1.1	1.1	1.2	1.0	1.0	1.0	.9	1.4	1.2	1.0	.7	.6	1980	.1	.1	.1	.2	.3	.2	.1	.1	.1	.1	.2	(⁵)	.1
1981		.8	1.1	.9										1981	.1	.1	.1	.2									

SIC 358—REFRIGERATION AND SERVICE MACHINERY

ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	170.8	166.5	167.0	169.3	169.9	170.2	170.3	169.3	170.3	171.0	172.0	175.7	178.6	1977	32.9	31.4	31.4	31.6	32.0	32.4	32.6	32.6	33.4	33.4	33.7	34.7	35.3
1978	184.4	180.2	180.0	182.7	183.3	184.9	187.0	186.0	183.2	184.4	186.9	185.0	189.0	1978	36.9	36.1	35.6	36.3	36.3	36.6	37.6	37.1	36.5	36.6	37.6	37.4	38.9
1979	188.4	192.7	193.2	193.5	194.7	194.3	191.4	187.4	178.8	182.1	185.4	183.4	183.9	1979	39.6	39.3	39.7	40.0	41.3	41.4	39.8	38.3	37.0	38.7	39.9	40.1	39.5
1980	175.7	185.1	185.2	185.5	181.5	175.6	168.4	164.9	165.2	168.7	173.9	176.9	177.5	1980	38.1	40.7	40.5	40.4	39.8	37.9	36.0	35.7	35.3	36.4	37.6	37.9	38.6
1981		177.5	180.4	181.2										1981		39.2	39.3	39.4									

SIC 358—REFRIGERATION AND SERVICE MACHINERY (Con.)

PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	119.0	115.4	114.8	117.6	118.1	118.5	118.1	116.9	118.3	119.3	120.6	123.9	126.6	1977	227.43	207.55	218.59	220.80	216.89	221.09	223.74	219.22	222.44	236.29	240.08	245.44	254.66
1978	130.3	127.7	127.4	129.1	129.7	130.8	132.5	131.1	128.6	130.2	131.9	129.9	134.5	1978	251.74	232.46	245.21	251.03	245.37	248.63	253.68	250.92	250.51	255.41	257.67	259.20	273.84
1979	133.3	137.0	137.8	137.9	140.8	139.9	136.7	132.0	123.7	127.5	131.2	128.5	127.1	1979	265.72	258.49	261.79	262.99	248.43	263.66	266.49	264.27	265.60	271.08	273.08	273.08	286.34
1980	120.5	128.9	128.9	129.6	125.8	120.5	114.0	110.3	111.2	114.3	118.8	121.6	122.2	1980	288.55	273.83	276.31	280.90	278.87	275.26	280.13	276.64	285.32	298.69	301.60	311.40	322.46
1981		122.3	124.9	125.7										1981		310.78	314.77	315.59									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.70	5.52	5.52	5.52	5.59	5.64	5.65	5.65	5.82	5.87	5.90	5.95		1977	39.9	37.6	39.6	40.0	38.8	39.2	39.6	38.8	39.3	40.6	40.9	41.6	42.8
1978	6.14	5.93	6.01	6.02	5.97	6.02	6.04	6.12	6.11	6.26	6.30	6.40	6.52	1978	41.0	39.2	40.8	41.7	41.1	41.3	42.0	41.0	41.0	40.8	40.9	40.5	42.0
1979	6.61	6.43	6.48	6.43	6.37	6.51	6.58	6.64	6.71	6.81	6.81	6.95		1979	40.2	40.2	40.4	40.9	39.0	40.5	40.5	39.8	40.0	40.4	40.1	40.1	41.2
1980	7.25	6.95	6.96	7.04	7.06	7.04	7.11	7.13	7.26	7.43	7.54	7.67	7.77	1980	39.8	39.4	39.7	39.9	39.5	39.1	39.4	38.8	39.3	40.2	40.0	40.6	41.5
1981		7.75	7.83	7.87										1981		40.1	40.2	40.1									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	3.1	2.7	2.7	2.8	2.5	2.7	2.9	2.7	3.0	3.5	3.7	3.6	3.7	1977	3.5	4.3	3.5	3.2	2.8	3.4	4.4	3.4	4.5	3.7	3.9	3.5	2.0
1978	3.4	3.0	3.9	3.6	3.2	3.4	3.5	3.3	3.1	3.5	3.2	3.1	3.7	1978	3.4	3.6	3.2	3.3	3.7	4.4	4.3	3.1	3.3	3.8	3.3	2.7	2.1
1979	2.4	3.0	2.9	2.7	1.3	2.5	2.6	2.2	2.4	2.5	2.4	2.2	2.6	1979	3.1	4.8	2.6	3.0	3.3	3.5	3.4	2.9	3.0	3.0	3.2	2.4	1.7
1980	2.2	2.1	2.0	2.1	1.8	1.5	1.7	1.6	2.1	2.6	2.5	2.7	3.0	1980	3.2	3.5	2.5	2.5	2.3	2.1	3.6	3.2	4.2	4.7	3.7	3.6	2.3
1981		2.5	2.5	2.5										1981		3.5	2.3	2.8									
NEW HIRES PER 100 EMPLOYEES														RECALLS PER 100 EMPLOYEES													
1977	2.5	2.2	2.1	2.1	1.8	2.5	3.2	2.8	3.5	2.9	2.9	2.3	1.6	1977	.7	1.5	.9	.8	.6	.5	.6	.4	.7	.5	.7	.2	
1978	2.7	2.8	2.5	2.7	3.2	3.5	3.5	2.3	2.7	2.8	2.6	2.2	1.4	1978	.4	.6	.5	.3	.3	.6	.4	.5	.5	.6	.4	.3	.5
1979	2.2	3.2	2.0	2.3	2.2	2.9	2.7	2.0	2.1	2.3	2.2	1.7	1.2	1979	.5	1.4	.3	.3	.6	.4	.4	.6	.5	.4	.5	.4	.2
1980	1.5	1.5	1.6	1.5	1.5	1.3	1.7	1.5	1.4	1.8	1.6	1.5	.9	1980	1.2	1.6	.6	.5	.5	.4	1.6	1.3	2.2	1.8	1.6	1.3	1.1
1981		1.6	1.5	1.7										1981		1.5	.6	.9									

See footnotes at end of tables.

MANUFACTURING

SIC 3585

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 358—REFRIGERATION AND SERVICE MACHINERY (Con.)														SIC 3585—REFRIGERATION AND HEATING EQUIPMENT (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.1	2.7	2.9	2.6	2.8	3.2	3.5	3.3	4.6	4.3	2.9	2.4	1.7	1977	40.2	37.9	39.8	40.1	38.6	39.1	39.5	39.0	39.6	41.1	41.7	42.4	43.5
1978	3.2	3.0	2.5	3.2	3.6	3.2	3.3	3.2	4.5	4.0	3.3	2.5	1.9	1978	41.5	39.7	41.4	42.4	41.6	42.0	42.5	41.7	41.2	41.1	41.1	40.6	42.3
1979	3.4	2.7	2.5	3.1	3.0	3.3	3.2	4.3	5.7	3.6	3.3	3.5	2.7	1979	40.5	40.6	40.6	41.2	39.2	40.9	41.0	40.6	40.2	40.4	40.0	40.1	41.5
1980	3.7	3.5	2.9	3.1	6.2	5.6	4.1	3.9	4.7	2.9	2.8	2.4	2.1	1980	39.9	39.4	39.8	39.9	39.7	39.0	39.3	39.3	39.4	40.5	40.2	41.0	41.7
1981		3.5	2.6	2.5										1981		40.2	40.4	40.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.3	.8	.8	1.2	1.1	1.3	1.5	1.6	2.2	1.8	1.2	1.1	.9	1977	3.2	3.0	2.9	2.9	2.6	2.8	3.1	2.8	3.2	3.9	3.9	4.0	3.7
1978	1.5	1.1	1.0	1.5	1.6	1.6	1.8	1.5	2.5	2.1	1.3	1.2	.9	1978	3.6	3.3	4.2	3.9	3.4	3.6	3.8	3.7	3.3	3.7	3.3	3.3	3.9
1979	1.4	1.3	1.2	1.6	1.3	1.6	1.6	1.4	2.3	1.5	1.3	1.0	.8	1979	2.7	3.4	3.3	3.0	1.5	2.8	2.9	2.6	2.6	2.7	2.6	2.3	2.7
1980	.9	1.1	.9	.8	.9	1.0	.9	.9	1.3	1.1	.9	.7	.5	1980	2.2	2.1	2.1	2.1	2.0	1.5	1.6	1.8	2.1	2.6	2.5	2.8	3.0
1981		.9	.7	.7										1981		2.4	2.4	2.2									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.8	.9	1.1	.5	.7	1.0	1.0	.7	1.1	1.3	.7	.4	.2	1977	3.8	5.1	4.1	3.5	2.9	3.3	4.6	3.6	4.5	3.9	4.2	4.1	2.0
1978	.6	.7	.6	.6	.8	.4	.3	.8	.9	.8	.6	.5	.3	1978	3.4	3.6	3.4	3.3	3.9	4.5	4.3	3.1	3.2	3.9	3.3	2.8	2.0
1979	1.0	.4	.4	.4	.7	.7	.5	1.9	2.2	1.0	.8	1.6	1.2	1979	3.2	5.5	2.7	3.1	3.5	3.7	3.4	2.9	2.6	2.8	3.2	2.5	1.7
1980	1.8	1.3	1.1	1.4	4.2	3.5	2.4	1.9	2.2	.9	1.0	.9	.8	1980	3.3	3.8	2.4	2.4	2.2	2.1	2.9	3.4	4.8	5.4	4.0	4.2	2.7
1981		1.8	1.1	1.0										1981		3.3	2.3	2.5									
SIC 3585—REFRIGERATION AND HEATING EQUIPMENT														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.5	2.3	2.4	2.2	1.7	2.4	3.1	2.9	3.5	2.8	3.0	2.5	1.6
1977	119.1	115.8	116.4	118.7	119.7	119.0	119.1	118.3	118.2	118.3	119.1	122.1	124.8	1978	2.6	2.7	2.6	2.7	3.3	3.4	3.4	2.2	2.5	2.6	2.5	2.1	1.1
1978	128.2	126.3	127.9	128.8	128.0	128.7	129.9	129.4	126.4	127.1	128.9	127.1	130.1	1979	2.1	3.3	2.0	2.3	2.2	2.9	2.5	1.9	1.8	2.0	1.9	1.6	1.0
1979	130.3	134.0	134.7	134.9	136.1	135.5	132.4	129.2	121.2	124.1	128.1	126.6	127.1	1980	1.3	1.2	1.4	1.1	1.3	1.2	1.5	1.3	1.0	1.5	1.3	1.4	.9
1980	119.4	128.4	127.9	127.9	124.1	119.0	112.1	109.8	109.6	113.6	118.1	120.8	121.7	1981		1.4	1.3	1.4									
1981		121.8	124.1	124.8																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	21.8	20.7	20.8	20.9	21.3	21.6	21.6	21.7	22.2	21.8	22.0	23.0	23.5	1977	.8	2.0	1.2	.9	.7	.3	.7	.4	.6	.6	.6	1.0	.2
1978	24.2	23.9	24.4	24.8	24.1	24.3	24.5	24.4	23.5	23.4	24.2	24.0	25.3	1978	.5	.7	.5	.2	.2	.7	.4	.6	.5	.8	.5	.4	.6
1979	26.5	26.3	26.8	26.9	28.1	28.1	26.5	25.3	24.0	25.5	26.9	27.2	26.6	1979	.6	1.8	.4	.3	.7	.4	.5	.5	.3	.3	.6	.5	.3
1980	25.4	27.8	27.6	27.6	26.9	25.0	23.3	23.1	23.0	23.9	24.9	25.7	26.5	1980	1.4	2.1	.7	.6	.5	.4	1.1	1.6	3.0	2.3	2.0	1.7	1.4
1981		27.0	27.0	27.0										1981		1.4	.7	.8									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	83.9	81.8	81.1	83.6	84.4	84.0	83.6	82.5	82.8	83.1	84.0	86.7	89.3	1977	3.2	2.8	3.2	2.7	2.6	3.0	3.9	3.6	4.9	4.7	3.0	2.5	1.7
1978	91.1	90.4	91.3	91.9	91.2	91.5	92.4	91.7	88.8	89.9	91.3	89.6	93.3	1978	3.2	2.6	2.6	3.2	4.0	3.2	3.3	3.1	4.4	4.4	3.5	2.6	2.0
1979	93.3	96.1	97.1	97.3	100.2	99.2	95.8	92.0	84.3	87.6	91.9	89.9	88.3	1979	3.6	2.8	2.5	3.2	3.3	3.4	3.0	4.9	6.5	4.0	3.5	4.1	2.9
1980	82.2	90.1	89.8	89.9	86.4	82.0	75.8	73.3	73.2	76.9	80.6	83.6	84.6	1980	4.0	4.0	2.9	2.9	7.4	6.7	5.0	4.4	4.9	3.0	3.0	2.2	2.2
1981		84.7	87.0	87.5										1981		3.4	2.4	2.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	231.95	211.48	221.69	223.36	218.48	223.65	226.34	222.30	226.91	242.90	248.53	253.98	261.87	1977	1.2	.8	.8	1.2	1.1	1.2	1.4	1.6	2.0	1.7	1.2	1.2	.8
1978	259.79	238.99	253.37	259.49	252.51	257.46	260.53	260.63	255.85	262.63	263.86	265.52	283.41	1978	1.5	1.1	1.0	1.4	1.6	1.6	1.8	1.4	2.3	2.1	1.2	1.2	.9
1979	272.57	267.55	269.58	270.27	253.62	270.76	275.11	273.64	271.75	275.93	277.60	277.89	294.24	1979	1.3	1.2	1.2	1.5	1.4	1.5	1.5	1.4	2.1	1.4	1.2	1.0	.7
1980	294.86	278.95	281.39	286.48	285.44	279.24	283.75	283.35	289.59	307.80	310.75	322.26	332.35	1980	.8	1.0	.8	.7	.9	.9	.8	.9	1.3	1.0	.8	.6	.5
1981		318.38	324.41	323.21										1981		.8	.6	.6									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.77	5.58	5.57	5.57	5.66	5.72	5.73	5.70	5.73	5.91	5.96	5.99	6.02	1977	.9	.9	1.4	.5	.4	.8	1.3	.9	1.4	1.7	.7	.3	.2
1978	6.26	6.02	6.12	6.12	6.07	6.13	6.13	6.25	6.21	6.39	6.42	6.54	6.70	1978	.6	.5	.6	.6	1.1	.4	.2	.6	1.0	1.1	.7	.5	.3
1979	6.73	6.59	6.64	6.56	6.47	6.62	6.71	6.74	6.76	6.83	6.94	6.93	7.09	1979	1.1	.4	.2	.4	.7	.8	.3	2.3	3.1	1.4	1.0	2.1	1.4
1980	7.39	7.08	7.07	7.18	7.19	7.16	7.22	7.21	7.35	7.60	7.73	7.86	7.97	1980	2.1	1.6	1.1	1.3	5.2	4.4	3.1	2.2	2.4	.9	1.1	.7	.9
1981		7.92	8.03	8.06										1981		1.7	.9	1.1									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 359—MISC. MACHINERY, EXCEPT ELECTRICAL														SIC 359—MISC. MACHINERY, EXCEPT ELECTRICAL (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	240.7	229.9	233.6	234.6	234.5	236.0	240.3	242.1	243.2	244.5	246.1	249.1	254.5	1977	3.0	2.8	2.4	3.0	2.4	3.1	3.8	2.8	3.9	3.6	3.3	3.0	2.3
1978	260.9	253.2	252.5	254.3	256.9	255.9	260.1	260.1	260.8	264.5	267.0	271.5	273.7	1978	3.6	2.9	3.2	2.9	3.4	4.2	4.0	3.3	4.4	4.3	4.5	3.6	2.3
1979	286.3	276.3	279.9	281.2	283.7	282.6	286.2	286.9	288.5	289.9	291.1	293.1	296.4	1979	3.3	3.8	3.0	3.3	3.3	3.7	4.3	3.3	3.6	3.8	3.4	2.7	1.8
1980	293.8	297.1	298.0	299.4	299.1	295.9	293.3	289.2	288.8	288.3	290.6	290.5	294.8	1980	2.4	3.1	2.7	2.8	2.7	2.4	2.3	2.2	2.2	2.6	2.3	1.7	1.3
1981		296.1	298.0	300.2										1981		1.9	1.8	2.1									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	44.6	42.8	43.8	43.8	43.8	43.7	43.5	43.9	44.5	45.1	45.9	46.8	48.0	1977	.5	.8	.8	.5	.7	.5	.4	.3	.6	.3	.3	.4	.3
1978	47.0	47.1	46.4	46.5	46.8	46.7	46.8	46.2	46.4	47.0	47.5	48.4	48.7	1978	.4	.5	.5	.3	.5	.3	.5	.2	.5	.3	.2	.2	.4
1979	50.0	48.9	49.2	49.4	49.6	49.4	50.0	49.8	50.1	50.4	50.8	50.8	51.1	1979	.4	.6	.4	.2	.2	.3	.3	.4	.4	.6	.5	.2	.2
1980	49.5	51.3	51.5	51.7	51.4	50.6	49.0	47.8	47.3	47.5	48.4	48.5	48.7	1980	.7	.8	.4	.7	.3	.5	.3	.5	1.4	1.0	1.1	.9	.8
1981		49.1	49.6	50.0										1981		1.6	1.7	1.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	184.2	175.7	177.8	179.6	178.8	180.1	183.8	185.1	186.0	187.3	188.6	191.3	196.1	1977	3.2	2.6	2.6	3.2	3.0	3.2	3.2	3.8	4.5	4.0	3.0	2.9	2.3
1978	201.0	194.8	194.2	196.6	198.4	196.8	199.9	199.4	200.0	203.6	205.9	209.9	212.4	1978	3.7	3.2	3.0	3.3	3.5	3.7	3.8	3.6	5.1	4.8	3.7	3.6	2.7
1979	222.1	213.9	217.5	218.4	219.8	219.6	222.8	222.2	221.1	225.0	225.8	228.7	229.9	1979	3.6	3.3	2.7	3.2	3.4	3.8	3.9	3.8	5.4	4.0	3.5	3.1	2.8
1980	225.9	229.9	230.3	231.5	231.1	227.9	225.8	221.8	220.3	221.1	222.9	222.8	225.1	1980	3.8	4.1	3.4	3.6	3.7	4.9	4.0	3.8	5.7	3.9	3.8	2.3	2.8
1981		227.0	228.8	230.9										1981		3.8	2.8	2.9									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	250.56	239.20	243.34	243.60	241.78	248.14	250.07	247.52	249.00	256.62	258.30	260.60	266.45	1977	1.7	1.1	1.2	1.6	1.5	1.9	1.8	1.8	2.8	2.5	1.8	1.4	1.1
1978	276.45	255.02	262.29	267.34	270.30	272.41	277.55	272.30	271.47	284.00	285.24	290.06	305.23	1978	2.3	1.5	1.8	1.8	2.3	2.4	2.4	2.2	3.5	3.3	2.4	2.1	1.4
1979	294.65	293.09	296.27	302.23	271.83	289.64	290.87	288.35	288.75	298.19	302.00	302.58	310.75	1979	2.2	2.0	1.6	2.1	2.3	2.4	2.5	2.3	3.4	2.6	2.0	1.6	1.1
1980	319.43	308.59	313.25	312.30	312.77	314.11	311.48	307.65	314.79	327.61	330.88	335.79	346.11	1980	1.6	1.9	1.6	1.8	1.7	1.6	1.5	1.5	2.2	1.8	1.6	1.0	.9
1981		338.60	334.89	343.17										1981		1.4	1.1	1.2									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.98	5.75	5.78	5.80	5.84	5.88	5.94	5.95	6.00	6.11	6.15	6.19	6.24	1977	.6	.6	.6	.7	.7	.4	.3	1.1	.6	.5	.4	.6	.6
1978	6.52	6.22	6.29	6.32	6.39	6.44	6.50	6.53	6.51	6.62	6.68	6.73	6.89	1978	.5	.9	.4	.6	.3	.3	.5	.5	.4	.5	.4	.7	.6
1979	7.10	6.88	6.89	6.98	6.83	7.03	7.06	7.05	7.06	7.22	7.33	7.38	7.47	1979	.6	.3	.3	.3	.4	.5	.5	.6	.9	.6	.7	.8	1.2
1980	7.81	7.49	7.53	7.58	7.61	7.68	7.71	7.73	7.85	8.01	8.09	8.17	8.30	1980	1.4	1.2	.9	.9	1.1	2.3	1.6	1.7	2.6	1.3	1.3	.7	1.3
1981		8.34	8.31	8.37										1981		1.7	1.0	.9									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3592—CARBURETORS, PISTONS, RINGS, VALVES													
1977	41.9	41.6	42.1	42.0	41.4	42.2	42.1	41.6	41.5	42.0	42.0	42.1	42.7	ALL EMPLOYEES—IN THOUSANDS													
1978	42.4	41.0	41.7	42.3	42.3	42.3	42.7	41.7	41.7	42.9	42.7	43.1	44.3	1977	36.6	34.7	34.9	35.2	35.2	35.7	35.4	36.3	36.8	37.6	38.1	39.1	40.4
1979	41.5	42.6	43.0	43.3	39.8	41.2	41.2	40.9	40.9	41.3	41.2	41.0	41.6	1978	40.0	39.6	39.6	39.8	39.4	39.5	39.0	38.3	38.9	40.7	40.9	41.5	42.6
1980	40.9	41.2	41.6	41.2	41.1	40.9	40.4	39.8	40.1	40.9	40.9	41.1	41.7	1979	43.0	42.5	42.7	43.0	43.5	43.1	43.3	42.4	41.9	43.3	43.4	43.4	43.8
1981		40.6	40.3	41.0										1980	40.2	43.2	42.4	42.3	41.9	40.9	39.3	36.9	37.2	38.8	39.3	39.8	39.9
														1981		40.1	40.9	41.5									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.6	4.4	4.3	4.4	4.1	4.5	4.6	4.6	4.6	4.7	4.9	4.7	4.9	1977	28.9	27.3	27.5	27.8	27.7	28.2	27.7	28.5	28.9	29.5	30.1	31.0	32.3
1978	4.8	4.6	4.6	4.7	4.7	4.6	4.8	4.6	4.6	5.0	5.1	5.2	5.5	1978	31.6	31.4	31.4	31.6	31.1	31.2	30.6	30.1	30.5	32.1	32.3	32.8	33.9
1979	4.4	5.1	5.1	5.2	3.2	4.5	4.3	4.1	4.0	4.2	4.3	4.2	4.4	1979	34.2	33.7	34.0	34.3	34.8	34.4	34.6	33.6	33.1	34.1	34.3	34.6	34.8
1980	3.8	4.1	4.4	4.1	4.0	3.7	3.5	3.2	3.5	3.7	3.8	3.7	4.1	1980	31.7	34.5	33.8	33.7	33.3	32.4	30.7	28.4	28.7	30.4	30.9	31.5	31.7
1981		3.7	3.6	3.8										1981		32.3	33.1	33.9									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.7	3.7	3.3	3.6	3.2	3.9	4.5	3.2	4.6	4.1	4.0	3.6	2.8	1977	300.48	280.80	295.84	299.20	290.34	305.54	315.32	291.21	291.62	303.05	306.25	309.64	312.18
1978	4.1	3.6	3.7	3.4	4.0	4.7	4.6	3.7	5.2	4.7	4.8	4.0	2.8	1978	317.58	295.08	302.63	302.73	310.06	310.06	319.60	304.09	298.00	322.27	325.71	337.70	372.67
1979	3.8	4.6	3.5	3.7	3.7	4.2	4.7	3.8	4.1	4.6	4.1	3.1	2.1	1979	339.89	349.80	351.11	342.66	298.38	340.55	338.24	334.97	330.88	343.62	348.94	336.36	357.20
1980	3.2	4.4	3.2	3.6	3.2	3.0	2.8	2.9	3.7	3.7	3.5	2.8	2.2	1980	375.25	350.07	355.31	346.28	356.53	346.58	355.50	348.30	366.88	399.23	411.18	423.00	447.55
1981		3.6	3.6	3.3										1981		424.97	394.42	397.54									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3592—CARBURETORS, PISTONS, RINGS, VALVES (Con.)														SIC 3599—MACHINERY, EXCEPT ELECTRICAL, NEC (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	7.07	6.75	6.88	6.91	6.88	6.96	7.07	6.95	7.13	7.32	7.24	7.39	7.26	1977	41.8	41.6	41.9	41.8	41.3	41.9	41.7	41.6	41.6	42.1	41.9	42.1	42.6
1978	7.49	7.25	7.24	7.33	7.40	7.40	7.52	7.49	7.34	7.46	7.61	7.71	7.98	1978	42.4	41.1	41.7	42.5	42.4	42.4	42.7	41.9	41.9	42.8	42.7	43.0	43.8
1979	8.21	8.06	8.09	8.12	7.73	8.07	8.17	8.19	8.19	8.26	8.49	8.43	8.67	1979	41.5	42.5	42.9	43.5	40.1	41.0	41.2	41.0	41.0	41.2	41.2	41.2	41.7
1980	9.22	8.73	8.48	8.55	8.76	8.73	9.00	9.19	9.48	9.62	9.79	10.00	10.36	1980	40.9	41.4	41.6	41.3	41.2	41.0	40.5	40.1	40.4	40.8	40.7	40.9	41.4
1981		10.34	9.91	9.84										1981		40.5	40.4	41.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	42.5	41.6	43.0	43.3	42.2	43.9	44.6	41.9	40.9	41.4	42.3	41.9	43.0	1977	4.7	4.5	4.4	4.5	4.2	4.6	4.5	4.7	4.7	4.9	5.1	5.0	5.1
1978	42.4	40.7	41.8	41.3	41.9	41.9	42.5	40.6	40.6	43.2	42.8	43.8	46.7	1978	5.1	4.9	4.8	5.0	4.9	4.9	5.0	4.8	4.8	5.2	5.3	5.3	5.7
1979	41.4	43.4	43.4	42.2	38.6	42.2	41.4	40.9	40.4	41.6	41.1	39.9	41.2	1979	4.5	5.1	5.2	5.4	3.5	4.5	4.4	4.1	4.2	4.4	4.5	4.3	4.5
1980	40.7	40.1	41.9	40.5	40.7	39.7	39.5	37.9	38.7	41.5	42.0	42.3	43.2	1980	4.0	4.4	4.5	4.3	4.2	4.0	3.7	3.4	3.6	3.8	3.8	3.8	4.0
1981		41.1	39.8	40.4										1981		3.7	3.8	4.0									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT													
1977	3.8	3.5	3.5	3.6	3.3	3.9	5.1	3.8	4.0	3.9	3.6	3.4	3.9	ALL EMPLOYEES—IN THOUSANDS													
1978	3.7	3.3	3.6	2.9	3.4	3.2	3.5	3.3	3.2	4.2	4.0	4.7	4.6	1977	1,878.0	1,809.8	1,816.0	1,823.3	1,839.9	1,858.0	1,882.9	1,875.6	1,893.5	1,917.2	1,928.1	1,943.0	1,948.7
1979	3.6	5.1	4.8	4.0	1.7	4.4	3.4	3.7	3.2	3.4	3.2	3.2	3.5	1978	2,006.1	1,944.4	1,953.2	1,963.0	1,972.9	1,981.2	2,007.9	1,999.1	2,016.2	2,039.0	2,053.3	2,068.9	2,074.0
1980	2.9	2.3	3.6	2.4	2.5	1.9	2.1	1.9	2.8	3.4	3.3	3.6	4.8	1979	2,116.9	2,073.0	2,083.7	2,096.3	2,097.9	2,106.5	2,138.7	2,119.8	2,096.0	2,140.8	2,148.2	2,148.1	2,154.3
1981		3.4	2.6	2.4										1980	2,103.2	2,143.4	2,136.2	2,144.6	2,133.2	2,097.5	2,079.7	2,043.8	2,057.5	2,079.6	2,094.8	2,109.6	2,118.0
SIC 3599—MACHINERY, EXCEPT ELECTRICAL, NEC														WOMEN EMPLOYEES—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION WORKERS—IN THOUSANDS													
1977	204.1	195.2	198.7	199.4	199.3	200.3	204.9	205.8	206.4	206.9	208.0	210.0	214.1	1977	773.3	732.7	736.0	743.9	754.7	764.4	775.4	768.9	781.3	795.0	802.9	811.3	812.7
1978	220.9	213.6	212.9	214.5	217.5	216.4	221.1	221.8	221.9	223.8	226.1	230.0	231.1	1978	839.2	807.7	811.2	815.6	821.0	827.4	840.0	829.8	843.3	857.9	867.0	874.2	875.0
1979	243.3	233.8	237.2	238.2	240.2	239.5	242.9	244.5	246.6	246.6	247.7	249.7	252.6	1979	900.2	871.5	876.0	884.2	886.2	893.3	910.5	899.8	892.7	915.5	922.2	922.7	928.0
1980	253.6	253.9	255.6	257.1	257.2	255.0	254.0	252.3	251.6	249.5	251.3	250.7	254.9	1980	895.4	918.1	916.4	921.5	916.8	894.9	885.3	861.2	866.7	879.1	888.0	896.2	901.1
1981		256.0	257.1	258.7										1981		897.4	898.3	904.0									
WOMEN EMPLOYEES—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	35.6	34.4	35.2	35.2	35.1	34.9	35.2	35.1	35.4	36.0	36.4	37.0	37.6	1977	1,233.2	1,180.2	1,186.6	1,192.1	1,207.0	1,221.3	1,239.6	1,225.6	1,239.8	1,262.5	1,271.9	1,284.7	1,286.7
1978	36.8	37.0	36.4	36.4	36.7	36.6	37.0	36.7	36.7	36.5	36.9	37.5	37.3	1978	1,317.9	1,279.3	1,284.7	1,290.5	1,294.7	1,300.5	1,315.0	1,301.3	1,318.9	1,341.4	1,352.1	1,366.7	1,369.9
1979	38.7	37.6	37.9	37.9	38.1	38.0	38.6	38.8	39.2	39.0	39.4	39.6	40.0	1979	1,388.1	1,366.4	1,373.8	1,382.3	1,384.2	1,386.6	1,407.3	1,384.3	1,363.2	1,399.5	1,403.7	1,399.6	1,405.8
1980	39.5	40.2	40.6	40.9	40.7	40.2	39.5	39.1	38.3	38.0	38.8	38.7	38.8	1980	1,336.3	1,393.8	1,383.8	1,388.3	1,374.4	1,336.0	1,311.3	1,273.1	1,284.9	1,307.2	1,316.1	1,329.9	1,336.6
1981		38.9	38.9	38.9										1981		1,329.9	1,330.6	1,337.0									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	155.3	148.4	150.3	151.8	151.1	151.9	156.1	156.6	157.1	157.8	158.5	160.3	163.8	1977	217.76	204.49	210.89	211.17	210.93	213.19	218.41	214.52	220.32	224.95	223.71	226.44	232.93
1978	169.4	163.4	162.8	165.0	167.3	165.6	169.3	169.3	169.5	171.5	173.6	177.1	178.5	1978	234.55	222.05	224.53	229.07	228.74	229.37	232.47	233.78	236.16	240.57	240.38	243.39	251.93
1979	187.9	180.2	183.5	184.1	185.0	185.2	188.2	188.6	188.0	190.9	191.5	194.1	195.1	1979	254.70	246.64	248.67	251.12	237.46	250.04	253.53	248.69	252.49	261.63	261.14	265.61	273.82
1980	194.2	195.4	196.5	197.8	197.8	195.5	195.1	193.4	191.6	190.7	192.0	191.3	193.4	1980	276.61	267.73	269.34	270.40	268.49	266.06	270.28	266.88	274.79	282.66	285.76	293.71	302.58
1981		194.7	195.7	197.0										1981		297.14	294.23	300.29									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	241.19	231.30	233.38	233.66	232.93	237.57	238.94	240.03	241.28	247.97	248.89	250.92	257.30	1977	5.39	5.23	5.22	5.24	5.26	5.29	5.34	5.39	5.44	5.50	5.51	5.55	5.64
1978	268.82	247.42	254.79	260.53	262.88	265.42	269.86	266.48	266.48	276.49	277.98	281.22	292.15	1978	5.82	5.65	5.67	5.67	5.69	5.72	5.74	5.83	5.86	5.94	5.95	5.98	6.10
1979	286.35	282.63	286.14	294.50	267.47	280.03	282.22	280.44	281.26	289.64	293.34	296.64	302.33	1979	6.32	6.12	6.14	6.17	6.12	6.22	6.26	6.28	6.36	6.46	6.48	6.51	6.63
1980	310.02	301.39	306.18	306.45	305.70	307.91	304.16	301.95	307.44	316.20	317.87	321.47	328.72	1980	6.95	6.66	6.70	6.76	6.78	6.77	6.86	6.95	7.01	7.12	7.18	7.27	7.38
1981		324.00	324.82	333.73										1981		7.41	7.43	7.47									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.77	5.56	5.57	5.59	5.64	5.67	5.73	5.77	5.80	5.89	5.94	5.96	6.04	1977	40.4	39.1	40.4	40.3	40.1	40.3	40.9	39.8	40.5	40.9	40.6	40.8	41.3
1978	6.34	6.02	6.11	6.13	6.20	6.26	6.32	6.36	6.36	6.46	6.51	6.54	6.67	1978	40.3	39.3	39.6	40.4	40.2	40.1	40.5	40.1	40.3	40.5	40.4	40.7	41.3
1979	6.90	6.65	6.67	6.77	6.67	6.83	6.85	6.84	6.86	7.03	7.12	7.20	7.25	1979	40.3	40.3	40.5	40.7	38.8	40.2	40.5	39.6	39.7	40.5	40.3	40.8	41.3
1980	7.58	7.28	7.36	7.42	7.42	7.51	7.51	7.53	7.61	7.75	7.81	7.86	7.94	1980	39.8	40.2	40.2	40.0	39.6	39.3	39.4	38.4	39.2	39.7	39.8	40.4	41.0
1981		8.00	8.04	8.12										1981		40.1	39.6	40.2									

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT (Con.)														SIC 361—ELECTRIC DISTRIBUTING EQUIPMENT (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.6	2.3	2.4	2.4	2.3	2.5	2.7	2.3	2.8	3.0	2.8	2.9	3.1	1977	42.5	40.2	40.6	40.4	42.1	42.4	43.3	43.0	43.2	43.2	44.0	44.1	43.9
1978	2.8	2.5	2.9	2.7	2.5	2.5	2.8	2.6	2.8	3.1	3.0	3.1	3.3	1978	43.8	43.5	44.0	44.1	43.4	43.8	43.7	42.9	43.4	43.7	44.1	44.5	44.5
1979	2.7	2.9	2.9	2.9	1.9	2.7	2.8	2.4	2.5	2.9	2.8	3.0	3.1	1979	46.1	44.9	45.0	45.7	45.9	45.9	47.1	45.9	43.9	47.0	46.9	47.4	47.6
1980	2.3	2.6	2.5	2.5	2.2	1.9	1.9	1.7	2.0	2.3	2.2	2.5	2.8	1980	44.7	46.8	46.6	46.8	46.5	45.7	44.1	41.2	42.0	43.2	43.8	44.5	45.2
1981		2.3	2.2	2.3										1981		44.8	45.6	46.2									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.3	3.2	2.9	3.4	3.1	3.8	3.9	3.0	4.4	3.6	3.3	2.6	1.9	1977	84.5	81.3	81.4	81.4	83.1	84.0	85.3	84.7	85.8	86.0	86.8	87.3	87.0
1978	3.5	3.6	2.9	3.2	3.3	3.9	4.1	3.6	4.2	4.1	3.9	3.0	2.1	1978	88.3	87.2	88.7	89.1	87.5	87.7	88.0	86.5	87.9	88.4	88.8	89.5	90.3
1979	3.4	3.6	3.1	3.5	3.1	4.0	4.0	3.5	3.8	3.8	3.3	2.6	2.0	1979	90.2	90.5	90.6	90.3	92.1	91.4	92.3	90.6	83.7	89.6	89.4	90.5	90.8
1980	2.7	3.1	2.8	2.9	2.6	2.5	2.9	2.5	3.2	3.3	2.9	2.4	1.8	1980	85.7	91.2	89.8	89.3	88.3	86.5	84.4	81.0	81.7	83.4	83.6	83.8	85.0
1981		3.0	2.4	2.7										1981		84.2	84.3	85.1									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.2	1.8	1.6	2.2	2.0	2.7	2.9	2.0	2.9	2.7	2.4	1.9	1.3	1977	221.54	209.61	214.37	213.19	212.27	214.00	221.94	221.50	220.70	228.07	225.59	230.68	239.29
1978	2.6	2.4	2.0	2.2	2.4	3.0	3.2	2.4	3.2	3.2	3.1	2.3	1.5	1978	237.98	227.88	223.86	234.84	234.09	232.36	232.80	236.02	235.42	244.62	245.43	249.49	257.30
1979	2.5	2.6	2.3	2.5	2.4	3.0	3.2	2.5	2.8	2.9	2.6	1.9	1.4	1979	255.10	247.38	249.02	254.20	242.87	252.72	256.00	248.22	245.92	260.09	263.74	267.65	277.72
1980	1.7	2.1	1.9	2.1	1.7	1.7	1.9	1.4	1.6	1.9	1.7	1.4	1.0	1980	276.31	268.94	269.20	270.68	271.72	266.17	265.48	270.40	274.77	282.03	279.82	292.82	303.88
1981		1.6	1.4	1.7										1981		291.00	291.91	296.40									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.6	.8	.8	.7	.6	.6	.5	.5	.9	.4	.4	.3	.3	1977	5.47	5.32	5.28	5.29	5.32	5.35	5.40	5.51	5.49	5.59	5.57	5.64	5.78
1978	.4	.7	.4	.5	.5	.4	.4	.7	.5	.4	.3	.3	.2	1978	5.92	5.74	5.74	5.77	5.78	5.78	5.82	5.96	5.96	6.04	6.06	6.10	6.23
1979	.4	.6	.4	.5	.4	.6	.4	.6	.6	.4	.3	.3	.3	1979	6.33	6.20	6.21	6.20	6.18	6.24	6.29	6.30	6.21	6.47	6.48	6.56	6.66
1980	.6	.5	.4	.4	.4	.4	.5	.8	1.1	.8	.7	.6	.5	1980	6.96	6.69	6.73	6.75	6.81	6.79	6.86	7.06	7.10	7.14	7.12	7.23	7.34
1981		1.0	.6	.6										1981		7.33	7.39	7.41									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.9	3.0	2.8	2.7	2.6	2.8	2.9	3.1	4.2	3.4	2.9	2.5	2.4	1977	40.5	39.4	40.6	40.3	39.9	40.0	41.1	40.2	40.2	40.8	40.5	40.9	41.4
1978	3.2	3.0	2.7	2.8	3.0	3.1	3.2	3.5	4.3	4.1	3.4	2.7	2.4	1978	40.2	39.7	39.0	40.7	40.5	40.2	40.0	39.6	39.5	40.5	40.5	40.9	41.3
1979	3.2	3.2	2.8	3.1	3.1	3.1	3.3	3.7	4.7	3.7	3.0	2.8	2.2	1979	40.3	39.9	40.1	41.0	39.3	40.5	40.7	39.4	39.6	40.2	40.7	40.8	41.7
1980	3.1	3.4	2.8	2.9	3.5	4.2	4.0	3.3	3.7	3.0	2.7	2.2	2.0	1980	39.7	40.2	40.0	40.1	39.9	39.2	38.7	38.3	38.7	39.5	39.3	40.5	41.4
1981		3.1	2.6	2.5										1981		39.7	39.5	40.0									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.3	1.1	1.0	1.2	1.2	1.3	1.4	1.4	2.3	1.9	1.4	1.1	.8	1977	2.4	1.9	2.0	2.2	1.9	2.3	2.7	2.4	2.2	2.6	2.5	2.7	3.4
1978	1.6	1.3	1.1	1.4	1.5	1.5	1.7	1.6	2.6	2.3	1.8	1.3	1.1	1978	2.8	2.4	2.7	2.7	2.5	2.2	2.5	2.9	2.6	2.9	3.0	3.1	3.6
1979	1.7	1.5	1.3	1.7	1.5	1.7	1.8	1.6	2.8	2.2	1.6	1.3	.9	1979	2.8	2.6	2.8	2.8	2.0	2.8	3.1	2.7	2.4	2.7	2.9	3.1	3.5
1980	1.2	1.4	1.2	1.3	1.2	1.2	1.2	1.0	1.7	1.4	1.1	.8	.7	1980	2.4	2.7	2.4	2.5	2.3	2.0	2.1	2.3	2.1	2.4	2.1	2.6	3.0
1981		1.1	.9	1.0										1981		2.2	2.5	2.5									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	1.0	1.0	.6	.5	.6	.5	.8	.8	.5	.6	.6	.9	1977	3.2	3.2	3.7	3.7	2.9	3.9	4.2	2.4	3.4	3.4	2.7	3.0	1.7
1978	.6	.8	.6	.5	.5	.5	.5	.9	.6	.6	.6	.5	.6	1978	3.0	3.1	2.7	2.8	2.6	3.6	3.3	2.8	3.3	3.7	3.3	2.9	2.2
1979	.6	.7	.5	.5	.6	.4	.5	1.1	.8	.5	.6	.8	.7	1979	3.2	3.7	3.0	3.1	2.9	3.7	3.9	3.3	3.9	3.2	3.2	2.3	1.7
1980	1.1	1.0	.7	.6	1.3	2.1	1.9	1.5	1.1	.8	.8	.8	.7	1980	2.8	3.0	2.5	3.0	2.6	2.6	2.6	1.9	4.2	3.8	3.1	2.5	1.9
1981		1.1	.9	.6										1981		3.3	3.3	2.9									
SIC 361—ELECTRIC DISTRIBUTING EQUIPMENT														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.2	1.9	1.8	2.7	2.0	2.8	3.2	1.7	2.5	2.5	1.7	2.1	1.0
1977	119.0	115.8	116.0	115.4	117.3	118.3	119.6	119.7	120.1	120.4	121.5	121.9	122.1	1978	2.1	2.1	1.8	1.9	1.8	2.6	2.4	1.9	2.3	2.6	2.4	1.9	1.4
1978	123.3	122.2	123.5	123.8	122.5	122.6	122.9	121.5	123.3	123.6	123.8	124.7	125.2	1979	2.3	2.5	2.2	2.3	2.0	2.7	3.3	2.3	2.9	2.4	2.3	1.6	1.0
1979	125.6	125.5	125.4	126.2	126.6	126.2	127.4	125.7	117.4	126.4	125.7	126.8	127.5	1980	1.6	1.8	1.5	1.9	1.5	1.7	1.6	1.1	1.4	1.9	1.9	1.6	1.2
1980	122.3	127.9	126.9	126.6	125.6	124.0	121.6	117.1	117.8	119.5	119.4	119.8	121.0	1981		2.0	2.0	1.9									
1981		120.1	120.3	120.3																							

See footnotes at end of tables.

MANUFACTURING

SIC 3612

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 361—ELECTRIC DISTRIBUTING EQUIPMENT (Con.)														SIC 3612—TRANSFORMERS (Con.)														
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	0.4	0.6	1.2	0.3	0.3	0.5	0.3	0.3	0.4	0.2	0.3	0.3	0.2	1977	5.06	4.90	4.91	4.93	4.95	4.94	4.99	5.12	5.12	5.18	5.18	5.22	5.29	
1978	.3	.4	.4	.3	.3	.3	.3	.3	.2	.5	.3	.3	.3	1978	5.56	5.34	5.36	5.41	5.41	5.42	5.51	5.61	5.64	5.65	5.71	5.76	5.85	
1979	.3	.4	.3	.2	.2	.3	.3	.5	.4	.2	.3	.2	.3	1979	6.00	5.85	5.85	5.89	5.89	5.92	6.00	5.95	5.83	6.13	6.13	6.20	6.33	
1980	.6	.5	.4	.5	.5	.3	.4	.5	2.0	1.0	.7	.5	.3	1980	6.76	6.44	6.51	6.56	6.60	6.55	6.67	6.88	6.95	6.96	7.06	7.13		
1981		.9	.8	.6										1981		7.15	7.20	7.23										
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	2.9	3.3	2.6	3.0	3.0	2.9	2.8	2.9	4.1	3.2	2.7	2.8	1.9	1977	40.4	40.2	40.7	40.3	39.9	39.9	41.0	40.2	40.2	40.4	40.2	40.6	40.8	
1978	3.0	2.9	2.2	2.7	2.8	3.3	2.7	2.6	4.3	3.8	3.5	2.7	2.0	1978	40.6	39.7	39.4	40.6	40.4	40.1	40.6	40.5	40.9	40.9	40.9	41.4	41.4	
1979	3.3	3.6	2.6	2.8	2.8	3.2	3.7	3.3	5.5	3.4	3.2	2.8	2.3	1979	40.5	40.8	39.9	41.0	39.5	40.7	40.8	39.3	40.2	40.2	40.6	40.8	41.6	
1980	3.3	3.7	3.1	3.2	3.5	4.8	4.3	2.8	4.2	3.2	2.7	2.1	1.6	1980	40.1	39.9	40.2	40.3	40.1	39.9	39.4	39.3	39.6	40.0	39.9	41.0	41.7	
1981		3.4	3.0	2.3										1981		40.3	39.9	40.8										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	1.4	1.2	.9	1.4	1.4	1.4	1.5	1.4	2.3	1.9	1.2	1.2	.8	1977	2.5	2.3	2.6	2.8	2.4	2.8	3.0	2.9	2.0	2.3	1.9	2.3	2.7	
1978	1.4	1.2	.9	1.4	1.4	1.5	1.4	1.3	2.3	2.1	1.6	1.3	.9	1978	2.7	2.1	2.1	2.4	2.2	1.9	2.3	3.1	3.0	3.1	3.1	3.3	3.9	
1979	1.6	1.7	1.3	1.5	1.2	1.5	2.0	1.6	3.4	1.8	1.6	1.2	.8	1979	3.1	3.3	3.0	3.1	2.6	3.4	3.6	2.9	2.8	2.9	3.1	3.3	3.8	
1980	1.2	1.4	1.1	1.2	1.2	1.2	1.1	.9	1.6	1.5	1.3	.8	.7	1980	2.6	3.0	2.6	2.8	2.6	2.6	2.5	3.0	2.2	2.4	2.2	2.5	2.8	
1981		1.2	1.1	1.0										1981		2.3	2.3	2.6										
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	.5	1.1	.5	.4	.4	.4	.2	.6	.8	.3	.5	.6	.4	1977	3.3	4.1	3.7	4.1	3.4	4.1	3.7	2.3	3.1	3.5	2.9	3.4	2.0	
1978	.3	.4	.1	.2	.2	.4	.2	.3	.7	.4	.5	.2	.2	1978	3.1	4.3	3.0	2.5	2.9	4.0	2.9	2.7	3.2	3.9	3.7	2.7	2.0	
1979	.4	.3	.2	.2	.2	.3	.5	.4	.6	.5	.4	.6	.7	1979	3.1	3.8	2.7	3.0	3.0	3.6	3.5	2.9	4.1	3.2	3.4	2.4	1.6	
1980	1.1	1.0	.8	.8	1.1	2.5	2.1	.9	1.6	.6	.5	.5	.2	1980	2.5	2.8	2.3	2.8	2.1	2.1	2.4	1.7	3.6	3.1	2.4	2.1	2.1	
1981		1.0	.6	.4										1981		3.6	3.6	3.2										
SIC 3612—TRANSFORMERS														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	2.1	2.2	2.2	2.7	2.3	2.7	2.3	1.5	1.9	2.4	1.6	2.2	1.2	
1977	53.6	52.3	52.8	51.9	53.5	53.6	54.1	53.9	53.8	53.8	54.2	54.3	54.8	1978	2.2	3.1	2.1	1.6	2.1	2.9	2.2	2.0	2.2	2.6	2.7	1.9	1.4	
1978	55.1	55.0	55.2	55.2	54.7	54.8	55.1	54.0	55.1	55.3	55.2	55.6	55.7	1979	2.1	2.4	1.7	1.9	1.8	2.4	2.9	1.9	3.1	2.3	2.3	1.5	1.0	
1979	55.6	55.5	55.4	55.6	55.9	55.8	56.6	56.0	51.7	56.4	55.8	56.3	56.5	1980	1.2	1.2	1.1	1.4	.9	1.1	1.3	.9	1.1	1.6	1.6	1.2	1.3	
1980	53.3	56.8	56.3	56.0	55.5	54.6	53.1	51.2	50.6	51.4	51.3	51.3	51.6	1981		1.7	1.8	2.1										
1981		51.6	51.5	51.8										RECALLS PER 100 EMPLOYEES														
WOMEN EMPLOYEES—IN THOUSANDS														1977	.4	.9	.7	.3	.3	.4	.5	.4	.4	.3	.4	.5	.2	
1977	19.1	18.1	18.6	18.2	19.6	19.6	19.9	19.4	19.2	18.9	19.2	19.3	19.5	1978	.3	.6	.4	.2	.2	.2	.2	.2	.3	.7	.2	.1	.1	
1978	19.4	19.5	19.6	19.7	19.3	19.5	19.5	19.0	19.0	19.3	19.4	19.5	19.4	1979	.2	.3	.2	.3	.3	.4	.2	.4	.3	.1	.2	.2	.1	
1979	19.8	19.2	19.4	19.5	19.4	19.4	19.8	19.3	19.3	20.6	20.4	20.5	20.5	1980	.5	.6	.5	.6	.3	.2	.3	.4	1.8	.5	.2	.3	.2	
1980	18.5	20.6	20.2	20.2	19.8	19.3	18.3	17.1	16.7	17.4	17.5	17.6	17.8	1981		1.3	1.2	.5										
1981		17.8	18.3	19.1										SEPARATIONS PER 100 EMPLOYEES														
PRODUCTION WORKERS—IN THOUSANDS														1977	3.1	3.6	2.7	3.5	3.9	3.2	2.9	3.1	3.8	3.4	2.4	2.4	1.9	
1977	37.5	35.9	36.4	35.9	37.5	37.6	38.1	37.8	37.9	37.8	38.0	38.2	38.5	1978	3.0	2.8	2.1	2.5	2.9	3.9	2.3	2.5	4.1	3.7	3.6	3.0	2.3	
1978	39.0	38.8	39.1	39.1	38.6	38.8	39.0	37.7	38.6	39.2	39.3	39.6	39.8	1979	3.2	3.5	2.7	2.8	3.0	2.8	3.4	2.9	5.6	3.6	3.6	2.7	2.2	
1979	39.8	39.6	39.7	39.8	40.2	40.0	40.8	40.0	37.3	40.3	39.6	40.1	40.1	1980	3.1	4.0	2.7	3.0	2.9	4.1	4.0	2.1	5.1	3.1	2.5	2.2	1.5	
1980	37.2	40.4	39.9	39.5	39.1	38.4	36.9	35.2	34.8	35.5	35.4	35.3	35.6	1981		2.8	2.5	2.4										
1981		35.8	35.9	36.7										QUITS PER 100 EMPLOYEES														
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.3	1.3	.9	1.6	1.6	1.6	1.3	1.3	1.9	1.7	.9	.9	.8	
1977	204.42	196.98	199.84	198.68	197.51	197.11	204.59	205.82	205.82	209.27	208.24	211.93	215.83	1978	1.5	1.4	1.0	1.1	1.3	1.6	1.1	1.2	2.0	2.2	1.9	1.5	1.1	
1978	225.74	212.00	211.18	219.65	218.56	217.34	223.71	227.21	230.68	231.09	233.54	238.46	242.19	1979	1.5	1.6	1.2	1.3	1.2	1.3	1.8	1.3	2.8	1.7	1.7	1.0	.7	
1979	243.00	238.68	233.42	241.49	232.66	240.94	244.80	233.84	234.37	246.43	248.88	252.96	263.33	1980	1.0	1.3	.9	1.0	.8	.9	.9	.6	1.4	1.4	1.1	.8	.7	
1980	271.08	256.96	261.70	264.37	264.66	261.35	262.80	270.38	275.22	278.40	277.70	289.46	297.32	1981		1.1	1.1	1.0										
1981		288.15	287.28	294.98																								

See footnotes at end of tables.

SIC 3612
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3612—TRANSFORMERS (Con.)

LAYOFFS PER 100 EMPLOYEES													
1977	0.5	1.0	0.4	0.4	0.6	0.3	0.4	0.8	0.8	0.5	0.4	0.4	0.3
1978	.3	.1	(⁵)	.2	.1	.5	.2	.4	1.0	.3	.3	.3	.3
1979	.4	.3	.2	.2	.1	.1	.2	.5	.9	.6	.6	.6	.6
1980	1.1	1.3	.4	.9	.8	2.2	2.0	.7	2.6	.7	.4	.6	.1
1981		.3	.3	.3									

SIC 3613—SWITCHGEAR AND SWITCHBOARD APPARATUS

ALL EMPLOYEES—IN THOUSANDS													
1977	65.4	63.5	63.2	63.5	63.8	64.7	65.5	65.8	66.3	66.6	67.3	67.6	67.3
1978	68.2	67.2	68.3	68.6	67.8	67.8	67.8	67.5	68.2	68.3	68.6	69.1	69.5
1979	69.9	70.0	70.0	70.6	70.7	70.4	70.8	69.7	65.7	70.0	69.9	70.5	71.0
1980	69.0	71.1	70.6	70.6	70.1	69.4	68.5	65.9	67.2	68.1	68.1	68.5	69.4
1981		68.5	68.8	68.5									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	23.4	22.1	22.0	22.2	22.5	22.8	23.4	23.6	24.0	24.3	24.8	24.8	24.4
1978	24.4	24.0	24.4	24.4	24.1	24.3	24.2	23.9	24.4	24.4	24.7	25.0	25.1
1979	26.3	25.7	25.6	26.2	26.5	26.5	27.3	26.6	24.6	26.4	26.5	26.9	27.1
1980	26.2	26.2	26.4	26.6	26.7	26.4	25.8	24.1	25.3	25.8	26.3	26.9	27.4
1981		27.0	27.3	27.1									

PRODUCTION WORKERS—IN THOUSANDS													
1977	47.0	45.4	45.0	45.5	45.6	46.4	47.2	46.9	47.9	48.2	48.8	49.1	48.5
1978	49.3	48.4	49.6	50.0	48.9	48.9	49.0	48.8	49.3	49.2	49.5	49.9	50.5
1979	50.4	50.9	50.9	50.5	51.9	51.4	51.5	50.6	46.4	49.3	49.8	50.4	50.7
1980	48.5	50.8	49.9	49.8	49.2	48.1	47.5	45.8	46.9	47.9	48.2	48.5	49.4
1981		48.4	48.4	48.4									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	234.50	219.61	225.43	224.87	224.07	228.34	236.08	234.55	232.36	242.49	238.91	245.55	258.10
1978	247.38	240.58	233.75	246.24	246.04	244.22	240.77	242.97	239.86	254.64	254.87	258.62	268.79
1979	265.32	254.66	260.90	264.04	250.88	262.20	264.47	259.91	254.67	270.95	274.73	279.76	288.56
1980	279.82	278.36	275.71	275.71	276.71	270.13	267.78	270.72	274.70	284.26	281.25	295.47	307.84
1981		292.43	295.93	297.47									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.79	5.66	5.58	5.58	5.63	5.68	5.73	5.82	5.78	5.90	5.87	5.96	6.16
1978	6.20	6.06	6.04	6.05	6.06	6.06	6.08	6.23	6.23	6.35	6.34	6.37	6.54
1979	6.60	6.48	6.49	6.44	6.40	6.49	6.53	6.58	6.53	6.74	6.75	6.84	6.92
1980	7.12	6.89	6.91	6.91	6.97	6.98	7.01	7.20	7.21	7.27	7.23	7.35	7.49
1981		7.46	7.53	7.55									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	40.5	38.8	40.4	40.3	39.8	40.2	41.2	40.3	40.2	41.1	40.7	41.2	41.9
1978	39.9	39.7	38.7	40.7	40.6	40.3	39.6	39.0	38.5	40.1	40.2	40.6	41.1
1979	40.2	39.3	40.2	41.0	39.2	40.4	40.5	39.5	39.0	40.2	40.7	40.9	41.7
1980	39.3	40.4	39.9	39.9	39.7	38.7	38.2	37.6	38.1	39.1	38.9	40.2	41.1
1981		39.2	39.3	39.4									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.4	1.6	1.6	1.7	1.6	1.9	2.5	2.1	2.3	2.8	3.0	3.0	4.0
1978	2.8	2.6	3.1	2.9	2.7	2.5	2.6	2.7	2.3	2.8	2.9	3.0	3.4
1979	2.5	2.1	2.7	2.6	1.5	2.4	2.8	2.5	2.1	2.5	2.8	3.0	3.3
1980	2.2	2.5	2.3	2.2	2.1	1.6	1.7	1.8	2.0	2.4	2.0	2.6	3.1
1981		2.1	2.6	2.5									

SIC 3613—SWITCHGEAR AND SWITCHBOARD APPARATUS (Con.)

ACCESSIONS PER 100 EMPLOYEES													
1977	3.0	2.5	3.7	3.4	2.5	3.8	4.6	2.4	3.7	3.3	2.6	2.6	1.5
1978	2.9	2.1	2.4	3.0	2.3	3.3	3.6	2.8	3.3	3.5	3.0	3.0	2.3
1979	3.2	3.6	3.3	3.2	2.9	3.7	4.3	3.6	3.7	3.2	3.0	2.3	1.7
1980	3.1	3.2	2.7	3.2	3.0	3.0	2.8	2.1	4.6	4.3	3.6	2.8	1.8
1981		3.1	3.0	2.7									

NEW HIRES PER 100 EMPLOYEES													
1977	2.2	1.7	1.5	2.7	1.8	2.8	4.0	1.8	2.9	2.6	1.8	2.0	.9
1978	2.0	1.3	1.6	2.1	1.6	2.3	2.5	1.8	2.4	2.6	2.1	1.9	1.4
1979	2.5	2.6	2.6	2.7	2.2	3.0	3.7	2.7	2.7	2.4	2.3	1.7	1.0
1980	1.9	2.2	1.9	2.3	2.0	2.2	1.9	1.2	1.6	2.2	2.2	1.9	1.2
1981		2.2	2.2	1.7									

RECALLS PER 100 EMPLOYEES													
1977	.4	.4	1.7	.3	.3	.5	.2	.2	.4	.2	.3	.2	.2
1978	.4	.3	.4	.3	.3	.4	.4	.3	.2	.3	.3	.5	.5
1979	.3	.4	.3	.2	.2	.2	.3	.5	.4	.2	.3	.2	.4
1980	.7	.4	.4	.5	.6	.4	.5	.6	2.2	1.3	1.0	.6	.3
1981		.6	.5	.7									

SEPARATIONS PER 100 EMPLOYEES													
1977	2.9	3.1	2.6	2.5	2.3	2.6	2.7	2.8	4.4	3.1	3.0	3.2	1.9
1978	2.9	2.9	2.2	2.8	2.7	2.8	3.1	2.7	4.5	3.9	3.5	2.5	1.7
1979	3.3	3.7	2.6	2.8	2.7	3.5	3.9	3.6	5.4	3.3	2.9	2.9	2.4
1980	3.4	3.4	3.4	3.4	3.9	5.4	4.5	3.4	3.6	3.2	2.9	2.1	1.6
1981		3.8	3.3	2.3									

QUITS PER 100 EMPLOYEES													
1977	1.4	1.0	.9	1.2	1.2	1.3	1.6	1.4	2.6	2.1	1.4	1.5	.8
1978	1.4	1.1	.9	1.6	1.4	1.4	1.6	1.3	2.6	2.0	1.4	1.1	.7
1979	1.7	1.7	1.3	1.6	1.2	1.6	2.1	1.9	3.8	1.8	1.6	1.3	.9
1980	1.3	1.5	1.3	1.3	1.5	1.4	1.2	1.1	1.7	1.5	1.4	.8	.7
1981		1.2	1.1	1.0									

LAYOFFS PER 100 EMPLOYEES													
1977	.5	1.1	.6	.4	.3	.4	.1	.5	.8	.2	.5	.7	.4
1978	.3	.7	.2	.2	.3	.3	.2	.2	.5	.4	.7	.2	.2
1979	.4	.3	.2	.2	.3	.5	.7	.4	.3	.4	.3	.6	.8
1980	1.1	.7	1.1	.8	1.4	2.8	2.1	1.1	.9	.6	.5	.4	.2
1981		1.6	.8	.5									

SIC 362—ELECTRICAL INDUSTRIAL APPARATUS

ALL EMPLOYEES—IN THOUSANDS													
1977	232.9	226.9	227.1	227.3	229.2	232.1	234.2	231.2	233.0	235.8	237.2	239.4	240.8
1978	245.1	241.8	243.3	242.3	243.8	244.2	245.3	244.8	244.0	246.7	247.2	248.7	249.2
1979	251.5	248.8	250.8	251.5	252.1	253.4	257.3	256.2	244.2	250.3	250.8	251.1	251.1
1980	239.1	251.4	250.6	250.0	250.6	243.8	236.0	231.8	228.7	229.4	230.0	232.7	234.0
1981		235.4	236.6	237.8									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	86.0	82.0	82.7	84.2	85.0	85.9	86.6	85.7	85.7	87.1	87.8	88.8	90.0
1978	93.4	90.7	91.8	92.5	92.8	92.9	93.5	92.9	93.0	94.4	94.9	95.4	95.6
1979	95.7	95.9	96.6	97.0	95.5	96.7	98.6	97.2	91.5	94.6	95.2	94.9	94.8
1980	89.8	95.4	95.8	95.5	95.3	91.7	87.8	85.3	84.3	85.2	85.8	87.1	88.0
1981		89.5	90.0	90.9									

MANUFACTURING

SIC 3621

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 362—ELECTRICAL INDUSTRIAL APPARATUS (Con.)														SIC 362—ELECTRICAL INDUSTRIAL APPARATUS (Con.)														
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	167.4	162.9	163.5	163.5	165.3	167.5	169.0	165.9	166.7	169.4	170.4	171.7	173.0	1977	2.4	2.6	2.3	2.3	2.3	2.3	2.2	2.5	3.3	3.0	2.3	2.0	1.7	
1978	176.2	173.8	175.4	174.8	176.5	175.8	175.6	174.6	174.5	177.2	177.4	179.0	179.8	1978	2.5	2.2	2.0	2.4	2.6	2.7	2.6	2.5	3.4	3.2	2.0	2.2	2.0	
1979	181.1	179.6	181.4	182.2	182.8	183.8	186.7	185.0	173.7	177.9	179.9	179.8	179.9	1979	2.9	2.5	2.3	2.6	2.7	2.8	2.8	3.0	5.4	3.5	2.8	2.4	1.7	
1980	168.8	180.6	179.3	178.3	179.2	172.2	165.2	161.5	159.0	160.2	161.1	163.7	165.5	1980	3.1	2.9	2.5	2.5	3.7	5.5	4.2	3.4	3.6	2.9	2.5	1.6	1.3	
1981		166.6	167.6	169.3										1981		2.6	2.0	2.1										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	221.80	208.12	215.74	213.86	214.67	217.22	221.14	220.40	221.75	230.01	228.17	231.24	238.63	1977	1.1	1.0	.7	1.0	1.0	1.1	1.1	1.9	1.7	1.1	.9	.8		
1978	239.76	227.13	235.42	233.62	232.36	232.98	237.69	239.38	240.19	244.61	244.22	250.71	257.92	1978	1.2	1.0	.9	1.2	1.3	1.4	1.2	1.1	2.1	1.8	1.0	.9		
1979	262.52	255.63	258.52	261.02	242.89	259.26	261.58	258.32	259.29	268.06	266.64	274.14	281.79	1979	1.4	1.2	1.1	1.3	1.4	1.5	1.5	1.3	2.5	1.9	1.2	.7		
1980	286.22	277.44	281.67	280.42	278.18	276.51	277.90	280.21	284.70	291.80	293.33	304.71	314.08	1980	.9	1.1	1.1	1.1	.9	.8	.8	1.2	1.1	.8	.6	.5		
1981		309.89	311.25	316.00										1981		.8	.6	.8										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	5.49	5.35	5.34	5.32	5.34	5.39	5.42	5.51	5.53	5.61	5.62	5.64	5.75	1977	.5	.8	.7	.4	.4	.4	.3	.7	.5	.5	.4	.4	.3	
1978	5.92	5.75	5.77	5.74	5.78	5.81	5.84	5.94	5.96	6.01	6.03	6.10	6.23	1978	.4	.3	.3	.3	.4	.4	.5	.5	.4	.5	.4	.5	.3	
1979	6.45	6.25	6.29	6.32	6.26	6.37	6.38	6.41	6.45	6.57	6.60	6.67	6.79	1979	.6	.2	.3	.4	.5	.4	.4	.9	1.9	.8	.8	.4	.4	
1980	7.12	6.80	6.87	6.89	6.92	6.93	7.00	7.13	7.30	7.35	7.37	7.45	7.55	1980	1.4	.9	.6	.5	2.0	3.8	2.6	1.9	1.4	1.1	.9	.6	.4	
1981		7.54	7.61	7.67										1981		.9	.7	.6										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3621—MOTORS AND GENERATORS														
1977	40.4	38.9	40.4	40.2	40.2	40.3	40.8	40.0	40.1	41.0	40.6	41.0	41.5	ALL EMPLOYEES—IN THOUSANDS														
1978	40.5	39.5	40.8	40.7	40.2	40.1	40.7	40.3	40.3	40.7	40.5	41.1	41.4	1977	126.9	122.9	123.1	123.2	124.4	126.3	127.4	125.4	126.8	129.1	129.8	131.5	133.2	
1979	40.7	40.9	41.1	41.3	38.8	40.7	41.0	40.3	40.2	40.8	40.4	41.1	41.5	1978	134.1	134.4	136.2	134.3	135.2	134.7	134.1	133.3	131.7	133.7	134.0	134.2	133.3	
1980	40.2	40.8	41.0	40.7	40.2	39.9	39.7	39.3	39.0	39.7	39.8	40.9	41.6	1979	131.4	133.1	133.8	133.7	133.9	133.7	134.5	133.0	122.8	129.6	129.8	129.2	129.5	
1981		41.1	40.9	41.2										1980	121.4	130.0	129.4	129.1	129.8	123.7	117.7	115.0	112.9	114.7	116.0	118.5	119.9	
														1981		121.4	121.3	122.2										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS														
1977	2.9	2.5	2.6	2.5	2.5	2.8	3.0	2.8	2.8	3.3	3.1	3.1	3.6	1977	47.6	45.0	45.5	46.1	46.7	47.5	48.1	47.2	47.5	48.5	48.8	49.6	50.5	
1978	3.0	2.9	3.4	2.8	2.7	2.6	2.9	2.9	2.9	3.2	3.1	3.2	3.6	1978	52.6	51.5	52.7	52.6	52.8	52.5	52.4	52.0	51.9	52.9	53.2	53.4	53.0	
1979	3.0	3.2	3.4	3.3	2.0	3.1	3.1	2.9	2.7	3.1	2.8	3.2	3.5	1979	53.0	53.5	53.9	54.1	54.5	54.6	55.0	53.8	48.8	52.1	52.1	51.6	51.5	
1980	2.5	2.9	2.9	2.8	2.4	2.1	2.0	1.9	2.1	2.3	2.1	2.7	3.3	1980	48.1	52.2	52.3	52.1	52.2	48.8	46.1	44.4	43.7	45.0	45.9	47.0	47.7	
1981		2.6	2.9	2.9										1981		49.1	49.3	50.3										
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS														
1977	2.6	3.1	2.4	2.8	2.4	3.3	3.4	2.0	2.7	2.7	2.6	2.4	1.8	1977	95.8	92.5	93.0	92.7	93.9	95.7	96.6	94.8	95.5	97.6	98.3	99.0	99.9	
1978	2.7	3.1	2.0	2.3	2.4	3.3	3.5	2.0	3.3	3.0	2.3	2.5	2.1	1978	101.0	101.3	102.9	101.4	102.5	101.5	100.3	99.5	98.3	100.4	100.8	101.5	101.0	
1979	2.9	3.2	2.8	3.0	2.7	3.3	3.8	2.4	3.5	3.0	3.0	1.9	1.7	1979	99.4	100.9	101.9	102.3	102.6	102.1	102.4	100.7	91.1	96.6	97.6	97.4	97.6	
1980	2.5	3.0	3.0	2.7	2.1	2.1	2.4	2.1	3.3	3.1	2.8	2.0	1.8	1980	91.1	98.4	98.0	97.4	98.5	92.5	87.2	84.9	83.4	85.4	86.8	89.2	90.9	
1981		2.7	2.1	2.6										1981		92.7	93.2	94.0										
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														
1977	1.7	1.6	1.3	1.9	1.6	2.5	2.4	1.4	1.8	1.9	1.8	1.6	1.1	1977	228.98	212.85	222.49	219.23	220.18	222.60	227.55	228.50	228.66	238.71	237.80	238.79	248.89	
1978	1.9	2.4	1.4	1.6	1.8	2.5	2.6	1.4	2.3	2.2	1.7	1.9	1.4	1978	246.04	234.04	243.90	240.31	238.76	239.38	241.98	246.44	245.62	251.53	250.70	255.22	263.91	
1979	2.0	2.2	2.0	2.1	2.0	2.6	2.9	1.8	2.2	1.9	1.8	1.3	1.0	1979	262.44	262.17	261.35	264.09	243.07	260.98	264.45	259.05	253.60	265.28	265.98	270.50	279.04	
1980	1.2	1.7	1.8	1.8	1.3	1.2	1.4	.9	.9	1.1	1.0	1.0	.9	1980	289.07	277.71	281.81	280.98	277.26	275.20	279.20	287.52	288.41	295.87	298.22	308.18	320.04	
1981		1.4	1.2	1.5										1981		318.72	312.94	319.19										
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	.5	.7	.8	.5	.5	.4	.4	.2	.4	.4	.4	.3	.4	1977	5.64	5.50	5.48	5.44	5.45	5.51	5.55	5.67	5.66	5.78	5.80	5.81	5.94	
1978	.3	.3	.2	.3	.3	.4	.4	.2	.5	.4	.3	.3	.2	1978	6.06	5.94	5.92	5.89	5.91	5.94	5.96	6.07	6.11	6.18	6.19	6.24	6.39	
1979	.4	.5	.4	.4	.2	.4	.6	.2	.7	.6	.7	.3	.3	1979	6.48	6.41	6.39	6.41	6.33	6.46	6.45	6.46	6.34	6.55	6.60	6.63	6.74	
1980	.9	.8	.7	.5	.4	.4	.7	.8	1.8	1.5	1.4	.7	.6	1980	7.12	6.79	6.84	6.87	6.88	6.88	6.98	7.17	7.32	7.36	7.40	7.48	7.62	
1981		1.0	.7	.8										1981		7.68	7.67	7.71										

See footnotes at end of tables.

SIC 3621

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3621—MOTORS AND GENERATORS (Con.)														SIC 3622—INDUSTRIAL CONTROLS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	40.6	38.7	40.6	40.3	40.4	40.4	41.0	40.3	40.4	41.3	41.0	41.1	41.9	1977	63.0	62.4	62.7	62.2	62.4	62.6	63.1	62.7	63.0	63.5	64.0	64.2	63.4
1978	40.6	39.4	41.2	40.8	40.4	40.3	40.6	40.6	40.2	40.7	40.5	40.9	41.3	1978	65.3	62.8	62.4	62.8	63.2	64.2	65.9	66.0	66.2	66.8	67.0	67.6	68.6
1979	40.5	40.9	40.9	41.2	38.4	40.4	41.0	40.1	40.0	40.5	40.3	40.8	41.4	1979	72.1	68.3	69.0	70.0	70.4	71.4	73.5	74.1	73.8	72.7	73.1	74.2	74.1
1980	40.6	40.9	41.2	40.9	40.3	40.0	40.0	40.1	39.4	40.2	40.3	41.2	42.0	1980	72.2	74.0	73.8	74.0	73.8	73.7	72.2	71.8	71.4	70.6	70.2	70.2	70.6
1981		41.5	40.8	41.4										1981		70.4	70.7	70.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.2	2.8	2.8	2.7	2.8	3.1	3.4	3.3	3.1	3.7	3.5	3.4	4.0	1977	27.1	26.4	26.6	27.0	26.9	27.0	27.1	27.0	26.9	27.3	27.5	27.5	27.4
1978	3.2	3.2	3.8	3.0	2.8	2.8	3.0	3.2	3.1	3.3	3.2	3.3	3.6	1978	28.2	27.0	26.9	27.6	27.7	28.0	28.6	28.3	28.6	28.7	28.9	28.9	29.4
1979	3.1	3.4	3.4	3.4	2.1	3.1	3.2	2.8	2.6	2.9	3.0	3.4	3.6	1979	29.2	29.3	29.4	29.6	27.8	28.3	29.5	29.4	29.2	28.9	29.4	29.8	30.0
1980	2.6	3.0	3.0	2.9	2.4	2.0	2.0	2.1	2.3	2.6	2.3	2.9	3.7	1980	29.2	30.0	30.3	30.4	30.3	30.2	29.2	28.8	28.6	28.3	28.1	28.2	28.5
1981		2.8	2.8	3.0										1981		28.5	28.5	28.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.7	3.4	2.5	2.9	2.4	3.2	3.1	1.9	2.9	2.9	2.7	2.4	1.8	1977	40.9	40.7	40.9	40.7	40.8	40.7	40.9	40.3	40.4	41.0	41.3	41.5	41.4
1978	2.5	3.1	2.0	2.2	2.3	2.8	2.8	1.9	3.7	3.2	1.8	2.4	2.0	1978	42.5	40.7	40.5	41.0	41.3	41.8	42.9	42.9	43.1	43.6	43.5	43.7	44.9
1979	3.0	3.5	2.7	2.9	2.7	3.3	4.0	2.4	3.5	3.1	3.4	2.2	1.9	1979	46.8	44.5	44.8	45.4	45.7	46.6	48.3	48.6	48.2	46.6	47.5	47.8	48.1
1980	2.8	3.4	3.2	2.7	2.0	2.0	2.3	2.4	4.4	3.7	3.6	2.1	2.0	1980	45.4	48.0	47.0	47.0	46.9	46.5	45.0	44.7	44.3	43.8	43.5	43.5	44.1
1981		3.4	2.3	3.0										1981		43.6	43.5	43.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.7	1.5	1.2	1.9	1.5	2.2	2.1	1.3	1.8	2.0	1.7	1.6	1.1	1977	201.73	195.16	200.70	197.39	196.28	197.85	201.39	198.02	200.21	204.73	202.15	208.15	213.46
1978	1.8	2.3	1.4	1.6	1.9	2.1	2.1	1.4	2.4	2.3	1.2	1.7	1.4	1978	219.70	202.37	205.11	208.03	210.90	211.92	215.57	217.01	220.57	225.84	229.39	236.74	244.02
1979	1.9	2.1	1.9	2.0	1.9	2.5	2.7	1.7	2.0	1.6	1.6	1.3	1.0	1979	257.58	238.76	248.46	250.31	231.55	251.31	252.55	249.64	264.14	272.80	261.76	278.10	287.43
1980	1.1	1.6	1.6	1.5	1.1	.9	1.0	.8	.9	1.1	1.0	1.1	.9	1980	281.78	279.62	278.36	276.29	276.61	277.01	274.13	271.36	280.96	283.53	285.82	296.21	304.55
1981		1.8	1.3	1.7										1981		291.28	296.40	301.44									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.5	.9	1.0	.5	.5	.5	.5	.2	.5	.4	.5	.4	.4	1977	5.12	5.03	5.03	5.01	5.02	5.06	5.06	5.13	5.16	5.17	5.17	5.23	5.31
1978	.3	.3	.2	.2	.1	.2	.3	.1	.6	.5	.2	.3	.3	1978	5.52	5.27	5.30	5.28	5.38	5.42	5.43	5.55	5.57	5.59	5.65	5.76	5.88
1979	.6	.8	.3	.4	.3	.4	.9	.2	.5	.9	1.1	.4	.5	1979	6.36	5.91	6.06	6.12	6.03	6.19	6.19	6.21	6.62	6.67	6.61	6.75	6.86
1980	1.2	1.2	.9	.7	.4	.5	.9	1.3	2.9	2.1	2.2	.8	.8	1980	7.08	6.82	6.89	6.89	6.95	6.96	6.94	7.03	7.26	7.27	7.31	7.35	7.41
1981		1.3	.8	1.0										1981		7.21	7.41	7.48									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.4	2.1	2.2	2.5	2.6	2.4	2.4	2.5	3.5	2.8	2.3	2.1	1.6	1977	39.4	38.8	39.9	39.4	39.1	39.1	39.8	38.6	38.8	39.6	39.1	39.8	40.2
1978	2.5	2.0	1.9	2.6	2.8	2.8	2.7	2.9	3.4	3.1	1.6	2.3	1.8	1978	39.8	38.4	38.7	39.4	39.2	39.1	39.7	39.1	39.6	40.4	40.6	41.1	41.5
1979	3.1	2.2	2.2	2.5	3.2	2.8	3.1	3.7	6.0	3.8	3.2	2.7	1.8	1979	40.5	40.4	41.0	40.9	38.4	40.6	40.8	40.2	39.9	40.9	39.6	41.2	41.9
1980	3.5	3.3	2.6	2.5	4.9	8.2	4.4	3.7	3.5	2.8	2.5	1.7	1.3	1980	39.8	41.0	40.4	40.1	39.8	39.8	39.5	38.6	38.7	39.0	39.1	40.3	41.1
1981		2.7	2.2	2.6										1981		40.4	40.0	40.3									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.1	.9	.7	1.0	1.0	1.1	1.1	1.1	1.7	1.5	1.1	.9	.7	1977	1.9	1.7	1.9	1.4	1.6	1.6	1.9	1.7	1.9	2.3	2.2	2.2	2.5
1978	1.2	.9	.9	1.3	1.4	1.5	1.2	1.2	2.0	1.8	.8	1.0	.8	1978	2.2	1.5	1.7	1.7	2.0	1.9	2.1	1.9	2.0	2.4	2.5	2.8	3.2
1979	1.3	1.1	1.2	1.3	1.4	1.4	1.6	1.4	2.3	1.7	1.2	.8	.6	1979	2.6	2.3	3.0	2.8	1.2	3.0	2.6	2.4	2.6	3.3	2.1	2.6	3.3
1980	.8	.9	1.0	.9	.8	.8	.7	.7	1.0	1.0	.8	.6	.4	1980	2.1	2.5	2.4	2.5	2.3	2.1	1.9	1.7	1.6	1.7	1.5	2.2	2.5
1981		.8	.6	.8										1981		1.8	2.6	2.4									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.5	.4	.7	.4	.4	.5	.3	.8	.8	.4	.3	.4	.2	1977	2.6	3.1	2.0	2.1	2.2	3.6	3.7	2.3	2.6	2.8	2.7	2.4	1.5
1978	.4	.2	.2	.3	.4	.4	.6	.8	.4	.5	.3	.6	.4	1978	2.9	3.3	2.1	2.4	2.5	4.8	4.6	1.9	2.7	2.9	2.6	2.3	2.8
1979	.9	.2	.3	.2	.8	.4	.5	1.5	2.7	1.2	1.1	1.2	.5	1979	2.7	2.4	2.9	3.3	2.3	3.3	3.7	2.7	3.2	2.8	2.6	1.7	1.3
1980	1.8	1.4	.7	.5	3.2	6.4	2.7	2.2	1.5	1.0	.7	.5	.4	1980	2.4	2.7	2.9	2.9	2.4	2.5	2.9	1.9	2.1	2.9	2.3	1.7	1.6
1981		1.0	.9	.9										1981		2.1	1.7	2.1									

See footnotes at end of tables.

MANUFACTURING

SIC 363

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 3622—INDUSTRIAL CONTROLS (Con.)														SIC 363—HOUSEHOLD APPLIANCES (Con.)														
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														
1977	1.8	2.0	1.3	1.5	1.5	2.9	2.7	1.6	1.8	1.9	1.8	1.5	0.9	1977	215.07	205.40	207.72	210.48	209.20	211.60	213.19	214.52	221.68	221.41	220.32	220.30	224.87	
1978	1.9	2.5	1.4	1.6	1.5	3.3	3.3	1.2	1.9	1.9	1.6	1.7	1.5	1978	230.62	215.04	226.23	229.64	230.11	228.80	230.52	231.24	234.55	233.20	232.83	232.85	245.63	
1979	2.0	1.9	1.8	2.1	1.7	2.6	2.9	2.1	2.2	2.2	2.0	1.2	.9	1979	253.13	243.97	246.98	251.03	232.23	248.46	251.37	249.64	253.11	262.10	262.10	263.90	270.10	
1980	1.4	1.5	1.9	2.1	1.5	1.6	2.1	1.1	.9	1.3	.9	.9	.9	1980	270.36	269.47	270.40	265.10	259.76	254.18	264.62	249.81	271.10	278.71	282.43	286.31	292.07	
1981		1.0	.9	1.2										1981		292.08	291.00	300.89										
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	.3	.4	.3	.2	.3	.2	.2	.3	.3	.4	.4	.3	.2	1977	5.35	5.20	5.18	5.21	5.23	5.29	5.29	5.39	5.46	5.44	5.48	5.58		
1978	.4	.3	.3	.3	.5	.7	.5	.4	.4	.5	.5	.3	.2	1978	5.78	5.60	5.67	5.67	5.71	5.72	5.72	5.81	5.82	5.83	5.85	5.91	6.05	
1979	.3	.2	.7	.6	.2	.5	.3	.3	.4	.3	.2	.2	.1	1979	6.36	6.13	6.19	6.26	6.16	6.29	6.30	6.32	6.49	6.52	6.52	6.50	6.62	
1980	.5	.5	.5	.3	.4	.5	.3	.4	.6	1.1	.6	.4	.4	1980	6.95	6.72	6.76	6.78	6.80	6.76	6.82	6.92	7.06	7.11	7.15	7.23	7.32	
1981		.6	.5	.6										1981		7.47	7.50	7.56										
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	2.4	3.5	2.1	2.2	2.0	2.1	2.0	2.5	3.2	3.5	2.3	1.9	1.9	1977	40.2	39.5	40.1	40.4	40.0	40.0	40.3	39.8	40.6	40.7	40.5	40.2	40.3	
1978	2.6	2.7	2.2	2.0	2.4	2.7	2.4	1.9	3.6	3.6	2.6	2.2	2.3	1978	39.9	38.4	39.9	40.5	40.3	40.0	40.3	39.8	40.3	40.0	39.8	39.4	40.6	
1979	2.7	3.0	2.8	3.1	2.0	2.6	2.5	2.4	4.5	3.0	2.5	2.2	1.7	1979	39.8	39.8	39.9	40.1	37.7	39.5	39.9	39.5	39.0	40.2	40.2	40.6	40.8	
1980	2.8	2.8	2.5	2.6	2.5	2.6	4.4	3.1	3.6	3.2	2.8	1.7	1.4	1980	38.9	40.1	40.0	39.1	38.2	37.6	38.8	36.1	38.4	39.2	39.5	39.6	39.9	
1981		2.9	2.0	1.6										1981		39.1	38.8	39.8										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	1.1	1.2	.7	.9	.8	1.0	1.0	1.3	2.2	2.0	.9	.7	.8	1977	2.2	1.9	1.7	2.1	2.0	2.2	2.0	2.7	2.7	2.5	2.4	2.3		
1978	1.1	1.1	.9	.9	1.0	1.1	1.1	.8	2.0	1.7	.9	.9	.9	1978	2.2	1.8	2.3	2.4	2.2	2.1	2.2	1.9	2.2	2.5	2.3	2.6		
1979	1.3	1.0	1.0	1.2	1.1	1.4	1.4	1.3	2.6	1.9	1.3	1.0	.7	1979	2.4	2.2	2.1	2.2	1.5	2.0	2.5	2.1	2.5	2.8	2.8	3.0	3.1	
1980	.9	1.2	1.1	1.1	1.0	.8	.9	1.0	1.4	1.2	.7	.4	.5	1980	1.9	2.3	2.1	2.1	1.6	1.2	1.4	1.0	2.0	2.2	2.2	2.1	2.3	
1981		.9	.6	.7										1981		1.7	1.8	1.9										
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	.4	1.1	.5	.6	.5	.4	.2	.2	.1	.4	.5	.4	.3	1977	4.7	5.7	3.9	5.1	5.8	6.0	4.8	3.9	6.0	4.6	4.9	3.6	2.3	
1978	.4	.5	.3	.3	.3	.5	.4	.2	.4	.7	.7	.6	.2	1978	4.5	4.9	3.9	4.5	5.3	5.6	5.0	4.8	5.1	4.8	4.3	3.1	2.2	
1979	.4	.4	.5	.8	.2	.3	.2	.3	.7	.2	.3	.5	.3	1979	4.2	4.4	3.6	4.8	3.8	6.1	4.5	4.2	5.1	4.8	3.9	3.5	1.9	
1980	1.0	.6	.5	.4	.7	.9	2.7	1.4	1.2	1.2	1.3	.8	.3	1980	3.6	3.7	3.0	2.7	3.8	2.6	2.7	3.0	5.3	4.6	5.0	3.2	3.3	
1981		1.0	.7	.2										1981		6.3	3.8	3.8										
SIC 363—HOUSEHOLD APPLIANCES														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	2.8	3.0	1.7	2.7	3.2	3.9	3.2	2.3	3.8	3.1	3.3	2.3	1.5	
1977	180.5	167.8	171.0	173.2	179.6	182.8	184.5	182.1	182.1	185.1	185.0	186.5	185.7	1978	2.8	2.7	2.3	2.8	3.8	3.9	3.3	2.5	3.2	3.0	2.8	1.9	1.0	
1978	184.9	181.7	181.8	184.6	188.6	188.2	191.9	188.2	186.5	185.4	184.7	180.2	176.8	1979	2.4	1.7	1.7	2.3	2.0	4.1	2.8	2.5	2.9	2.8	2.5	2.0	1.1	
1979	178.3	175.7	179.5	179.2	177.1	177.3	179.1	178.1	176.4	180.0	180.8	179.5	176.7	1980	1.3	1.6	1.4	1.5	1.5	.9	.8	.9	1.7	2.0	1.6	.9	.8	
1980	164.5	172.8	171.8	172.6	167.6	161.3	154.3	151.0	154.1	163.6	167.2	169.2	168.9	1981		1.4	1.3	1.8										
1981		168.4	168.3	169.9																								
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES														
1977	60.0	54.8	55.6	56.7	59.3	60.5	61.3	59.6	60.0	62.6	62.9	63.2	63.2	1977	1.1	1.8	1.2	1.7	1.6	1.3	.9	.6	1.4	.8	.8	.4	.3	
1978	62.7	60.3	60.3	61.2	63.6	63.5	66.3	64.2	63.2	64.2	64.3	61.5	59.9	1978	.9	1.4	.9	1.1	.9	.9	.8	1.7	.8	.6	.7	.5	.4	
1979	60.8	57.6	59.2	59.2	58.8	59.5	60.4	60.0	60.3	62.7	63.7	64.1	63.6	1979	1.1	2.2	1.3	1.9	.8	1.2	.9	1.1	1.5	.7	.6	.7	.2	
1980	58.4	61.4	60.8	61.3	60.4	57.1	54.5	52.3	52.9	57.7	60.0	61.0	60.9	1980	1.5	1.2	.8	.6	1.7	1.0	1.0	1.5	2.4	1.9	2.6	1.3	1.7	
1981		59.7	60.2	61.3										1981		4.2	1.8	1.3										
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	140.5	128.7	131.9	134.0	140.3	142.6	144.3	141.5	141.5	144.6	144.8	146.5	145.4	1977	4.3	3.9	3.4	3.5	3.9	4.2	4.6	4.4	7.0	4.6	4.0	3.4	4.4	
1978	145.6	142.5	142.4	145.1	148.8	148.9	152.5	148.6	146.8	146.1	146.0	141.5	137.5	1978	4.7	3.9	3.2	3.7	4.0	4.2	4.6	4.8	7.1	7.0	6.0	3.7	4.5	
1979	140.7	137.0	140.8	140.7	140.2	140.2	141.7	140.7	138.8	142.2	143.4	143.0	139.5	1979	4.2	4.0	3.5	3.9	4.2	4.3	4.9	5.4	5.4	4.9	3.8	3.8	2.8	
1980	130.1	136.2	136.2	137.0	132.8	127.2	120.5	117.7	120.9	130.3	133.3	134.8	134.4	1980	4.9	3.6	3.8	3.6	5.1	5.9	9.4	6.3	6.8	3.8	3.9	3.0	4.2	
1981		134.5	135.3	136.5										1981		3.8	3.2	3.1										

See footnotes at end of tables.

SIC 363
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 363—HOUSEHOLD APPLIANCES (Con.)														SIC 3632—HOUSEHOLD REFRIGERATORS AND FREEZERS (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.8	1.2	1.2	1.4	1.6	1.8	1.6	1.9	3.7	2.5	1.8	1.4	1.0	1977	1.5	0.7	0.5	1.0	1.5	1.0	1.6	2.9	2.3	2.1	1.5	1.1	1.5
1978	1.9	1.3	1.2	1.5	1.9	2.0	2.4	1.8	3.4	2.9	2.1	1.5	1.2	1978	1.7	1.2	1.5	2.3	1.6	1.7	1.8	1.9	2.0	1.6	1.6	1.4	1.8
1979	1.8	1.6	1.4	1.5	1.7	1.8	1.7	1.7	3.6	2.6	1.8	1.3	.9	1979	2.2	1.8	1.8	1.5	1.1	1.9	3.0	2.7	2.6	2.6	2.7	2.7	2.2
1980	1.0	1.3	1.2	1.1	1.2	.8	.9	.9	1.2	1.1	1.0	.8	.5	1980	1.8	2.0	2.2	1.8	1.8	.9	1.2	1.5	2.2	1.9	1.9	1.6	2.6
1981		.6	.7	.8										1981		1.2	1.5	2.2									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.3	1.3	1.2	1.0	.9	1.1	1.6	1.2	2.2	.8	1.0	.8	2.5	1977	5.6	12.5	4.4	4.7	7.6	7.8	5.1	5.7	5.5	3.6	5.2	3.5	1.8
1978	1.5	1.6	1.1	1.0	.8	.7	.8	1.5	2.2	2.4	2.3	1.0	2.2	1978	5.0	8.7	5.5	5.3	8.0	6.5	5.2	3.4	3.6	4.0	3.5	2.5	2.0
1979	1.1	1.3	1.0	1.1	1.2	.8	1.7	2.1	.5	.6	.6	1.2	1.0	1979	5.2	5.4	4.7	5.9	4.6	10.4	5.8	5.5	3.6	5.4	3.3	4.8	1.8
1980	2.4	.9	.9	1.0	2.3	3.5	7.1	4.4	3.3	1.3	1.5	1.0	2.7	1980	5.1	2.9	3.7	2.9	11.0	4.2	4.2	4.3	5.4	4.8	7.0	4.4	6.3
1981		2.0	1.4	1.2										1981		13.5	8.0	8.0									
SIC 3632—HOUSEHOLD REFRIGERATORS AND FREEZERS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	44.2	41.0	43.7	44.7	45.1	46.1	46.9	45.9	43.0	43.7	42.8	43.8	43.9	1977	1.9	6.0	.4	.8	2.9	3.8	2.3	2.1	1.4	.6	1.5	1.1	.4
1978	45.4	45.4	46.2	47.3	50.1	50.3	50.2	48.3	44.3	42.6	41.0	40.0	38.8	1978	2.4	4.4	3.0	3.2	5.3	3.8	2.8	1.3	.6	1.1	1.1	.3	.1
1979	38.7	39.6	42.7	42.6	39.8	39.8	39.7	38.0	36.2	37.2	36.6	35.8	36.3	1979	1.9	.9	1.1	1.0	1.8	7.1	2.7	1.6	1.4	1.7	.8	1.7	.3
1980	32.8	35.7	35.3	35.1	32.9	31.4	32.4	31.0	27.3	31.2	32.7	34.2	33.9	1980	.4	.1	.3	.5	1.7	.2	.1	.2	.1	.1	.1	.1	1.0
1981		35.6	37.3	39.1										1981		2.5	1.6	3.4									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	11.4	10.5	11.4	11.7	11.5	12.0	12.3	12.0	10.5	11.2	10.9	11.2	11.3	1977	1.8	4.7	1.7	2.5	2.3	2.4	1.2	.9	1.9	1.6	1.9	.4	.6
1978	11.8	11.8	12.0	12.5	13.5	13.7	13.8	13.4	11.6	10.9	10.4	9.2	9.0	1978	1.4	2.9	1.2	1.1	1.9	1.5	1.2	1.1	1.9	.8	.7	1.0	.7
1979	10.0	9.4	10.4	10.5	9.8	10.0	10.3	9.6	9.1	10.2	10.0	10.2	10.2	1979	1.8	3.1	2.4	3.6	1.7	2.0	1.6	2.5	.1	1.2	.8	1.4	.4
1980	8.8	10.1	9.9	9.8	9.5	8.5	8.8	8.1	6.1	7.7	8.7	9.1	9.2	1980	2.8	1.0	1.3	.9	7.3	2.4	2.4	2.5	2.9	2.6	4.9	1.4	4.3
1981		9.7	10.3	11.1										1981		8.9	4.7	3.4									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	34.5	31.0	33.6	34.7	35.3	36.4	37.2	36.2	33.5	34.2	33.4	34.4	34.4	1977	5.1	3.5	4.4	4.5	5.6	4.1	5.4	5.7	13.4	4.1	4.7	4.0	1.5
1978	35.9	35.9	36.5	37.6	40.2	40.6	40.4	38.8	34.6	33.1	31.9	31.1	30.1	1978	5.6	3.0	2.4	3.1	5.0	5.1	4.9	4.6	11.1	14.4	6.3	3.6	4.8
1979	31.1	31.0	34.0	34.0	32.3	32.4	32.3	30.8	28.8	29.8	29.4	29.2	29.2	1979	5.3	4.1	3.4	3.8	5.6	5.6	9.6	7.8	7.6	5.7	4.1	3.5	2.5
1980	26.4	29.0	28.6	28.5	26.7	25.0	26.4	24.7	21.1	24.8	26.3	27.8	27.4	1980	6.7	4.4	5.1	3.4	7.7	7.6	9.6	17.0	11.3	3.9	4.1	3.5	5.3
1981		29.3	30.8	32.6										1981		5.0	3.9	4.5									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	233.66	227.64	220.59	221.34	223.86	214.40	226.14	238.15	248.96	250.40	243.07	237.80	249.99	1977	1.5	1.1	1.2	1.1	1.0	1.2	1.3	2.0	5.2	1.5	1.0	.8	.4
1978	250.72	238.79	251.51	257.66	250.20	245.59	247.04	247.42	259.78	249.60	255.10	243.05	267.86	1978	1.4	.8	.8	.7	1.6	1.7	1.9	1.5	2.5	2.5	1.1	.6	.5
1979	278.29	263.87	269.87	268.00	258.61	269.00	280.85	279.61	280.86	290.39	296.21	294.17	298.16	1979	1.5	.7	.8	.9	1.2	1.5	1.5	1.9	5.5	2.6	.9	.5	.4
1980	308.89	303.07	305.78	277.13	281.20	272.16	301.04	287.68	332.90	334.10	333.32	336.61	345.68	1980	.5	.7	.7	.7	.5	.4	.3	.5	.5	.3	.4	.3	.2
1981		343.07	336.48	355.10										1981		.4	.4	.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	5.55	5.42	5.29	5.27	5.33	5.32	5.41	5.63	5.71	5.73	5.76	5.80	5.91	1977	1.5	1.1	1.2	1.1	1.0	1.2	1.3	2.0	5.2	1.5	1.0	.8	.4
1978	6.13	5.94	5.96	6.02	6.00	5.99	6.04	6.17	6.20	6.24	6.33	6.43	6.47	1978	1.4	.8	.8	.7	1.6	1.7	1.9	1.5	2.5	2.5	1.1	.6	.5
1979	6.94	6.63	6.68	6.70	6.77	6.81	6.85	6.87	7.22	7.17	7.26	7.21	7.29	1979	1.5	.7	.8	.9	1.2	1.5	1.5	1.9	5.5	2.6	.9	.5	.4
1980	7.82	7.41	7.44	7.49	7.60	7.56	7.66	7.86	8.08	8.07	8.11	8.21	8.37	1980	.5	.7	.7	.7	.5	.4	.3	.5	.5	.3	.4	.3	.2
1981		8.45	8.54	8.64										1981		.4	.4	.8									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														LAYOFFS PER 100 EMPLOYEES													
1977	42.1	42.0	41.7	42.0	42.0	40.3	41.8	42.3	43.6	43.7	42.2	41.0	42.3	1977	1.9	.9	1.9	1.9	2.7	1.0	2.1	1.1	6.4	1.0	2.2	1.1	.3
1978	40.9	40.2	42.2	42.8	41.7	41.0	40.9	40.1	41.9	40.0	40.3	37.8	41.4	1978	2.4	.6	.3	.9	1.7	1.5	.9	.6	6.8	9.0	2.5	1.5	3.0
1979	40.1	39.8	40.4	40.0	38.2	39.5	41.0	40.7	38.9	40.5	40.8	40.8	40.9	1979	1.8	1.9	1.3	1.2	2.4	1.4	5.7	3.3	.3	.5	1.3	.9	.8
1980	39.5	40.9	41.1	37.0	37.0	36.0	39.3	36.6	41.2	41.4	41.1	41.0	41.3	1980	3.9	.6	1.7	.7	2.8	4.7	7.7	14.8	6.6	2.0	2.3	1.1	3.5
1981		40.6	39.4	41.1										1981		2.3	2.1	2.0									
SIC 3633—HOUSEHOLD LAUNDRY EQUIPMENT														ALL EMPLOYEES—IN THOUSANDS													
1977	42.1	42.0	41.7	42.0	42.0	40.3	41.8	42.3	43.6	43.7	42.2	41.0	42.3	1977	22.5	20.5	21.7	21.8	23.0	23.4	23.6	23.5	23.3	22.3	21.7	22.3	22.5
1978	40.9	40.2	42.2	42.8	41.7	41.0	40.9	40.1	41.9	40.0	40.3	37.8	41.4	1978	23.1	22.7	23.0	23.3	23.9	23.8	24.1	24.6	23.5	22.9	22.7	21.8	21.1
1979	40.1	39.8	40.4	40.0	38.2	39.5	41.0	40.7	38.9	40.5	40.8	40.8	40.9	1979	22.6	21.4	22.6	22.7	22.7	22.5	23.1	22.8	22.4	23.0	22.8	22.5	22.6
1980	39.5	40.9	41.1	37.0	37.0	36.0	39.3	36.6	41.2	41.4	41.1	41.0	41.3	1980	20.0	22.4	22.0	21.7	19.9	18.5	17.0	18.6	18.2	19.9	20.5	21.0	20.6
1981		40.6	39.4	41.1										1981		20.8	20.5	20.6									

See footnotes at end of tables.

MANUFACTURING

SIC 3634

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3633—HOUSEHOLD LAUNDRY EQUIPMENT (Con.)														SIC 3633—HOUSEHOLD LAUNDRY EQUIPMENT (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	4.6	3.9	4.3	4.2	4.7	4.8	4.9	4.9	4.9	4.6	4.5	4.7	4.6	1977	0.5	1.7	1.1	0.4	1.0	0.2	0.1	0.1	0.3	0.1	0.7	(⁵)	(⁵)
1978	5.0	4.8	5.0	5.0	5.2	5.2	5.4	5.6	5.0	4.8	4.8	4.5	4.4	1978	.5	.7	1.4	.8	.1	.3	.1	.5	.3	.6	.3	0.2	0.3
1979	4.8	4.1	4.7	4.8	4.7	4.8	4.9	4.9	4.9	4.9	4.8	4.8	4.9	1979	1.0	5.7	1.3	.8	.3	.5	1.1	1.0	.2	.4	.3	.4	.2
1980	4.1	4.8	4.7	4.7	4.2	3.5	3.2	3.6	3.2	4.0	4.4	4.5	4.3	1980	1.4	.2	.7	.6	.1	.3	.4	3.8	4.0	2.3	2.5	.9	1.6
1981		4.4	4.1	4.1										1981		1.4	1.9	1.7									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	17.4	15.4	16.7	16.8	18.0	18.3	18.5	18.3	18.1	17.2	16.6	17.1	17.3	1977	2.3	1.5	1.2	1.4	1.4	1.9	2.1	2.1	5.2	5.4	3.5	1.1	.6
1978	18.1	17.7	18.0	18.2	18.8	18.8	19.0	19.4	18.3	17.8	17.7	16.9	16.2	1978	2.6	1.5	1.6	1.7	1.2	1.6	1.2	1.5	5.7	3.4	6.6	3.2	2.4
1979	17.7	16.5	17.7	17.7	17.9	17.7	18.2	17.9	17.5	18.2	18.0	17.7	17.9	1979	1.9	.9	2.0	1.4	2.0	2.0	2.4	1.8	1.9	2.8	2.8	1.6	1.0
1980	15.6	17.8	17.5	17.2	15.5	14.1	12.5	14.1	14.0	15.4	16.1	16.5	16.2	1980	3.8	1.8	3.7	4.0	1.5	8.3	8.5	2.0	7.2	2.7	2.5	3.0	2.1
1981		16.5	16.2	16.2										1981		4.7	1.7	1.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	245.36	238.89	237.84	245.55	233.98	244.83	242.02	241.04	246.65	244.99	249.74	245.36	271.88	1977	.6	.5	.4	.5	.6	.8	.5	1.0	1.2	1.0	.5	.3	.2
1978	268.03	248.54	269.74	261.46	262.28	258.45	262.75	276.86	271.56	267.42	266.81	269.35	299.71	1978	.7	.5	.6	.6	.5	.6	.4	.6	1.5	1.2	.7	.3	.3
1979	297.35	286.31	284.07	295.07	222.27	290.21	289.02	299.88	313.39	315.29	313.34	312.26	350.24	1979	.7	.3	.3	.4	.5	.9	.8	.8	.9	1.5	.7	.4	.3
1980	322.09	323.52	316.01	319.60	314.50	298.37	312.78	290.70	327.02	336.65	346.98	336.18	338.69	1980	.3	.3	.5	.3	.2	.2	.3	.2	.4	.5	.5	.3	.1
1981		345.93	344.27	345.64										1981		.3	.2	.2									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.34	6.27	6.13	6.28	6.19	6.31	6.27	6.31	6.39	6.38	6.47	6.44	6.68	1977	.9	.4	.3	.1	.1	.3	.6	.4	3.0	3.4	2.4	.2	.1
1978	6.82	6.61	6.71	6.67	6.64	6.61	6.72	6.87	6.91	6.91	6.93	6.96	7.31	1978	1.2	.5	.4	.5	(⁵)	.2	(⁵)	.1	2.6	1.6	5.1	2.2	1.8
1979	7.49	7.23	7.21	7.34	7.17	7.31	7.28	7.35	7.70	7.69	7.68	7.71	8.07	1979	.3	.1	.1	.1	.7	(⁵)	.4	(⁵)	.2	.5	1.1	.4	.2
1980	8.28	7.91	7.92	8.01	8.19	8.13	8.02	8.12	8.45	8.61	8.74	8.62	8.64	1980	2.4	.8	2.3	2.4	.7	7.1	7.1	1.1	5.7	.6	.5	1.3	.8
1981		8.87	8.85	8.84										1981		3.5	.3	.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3634—ELECTRIC HOUSEWARES AND FANS													
1977	38.7	38.1	38.8	39.1	37.8	38.8	38.6	38.2	38.6	38.4	38.6	38.1	40.7	ALL EMPLOYEES—IN THOUSANDS													
1978	39.3	37.6	40.2	39.2	39.5	39.1	39.1	40.3	39.3	38.7	38.5	38.7	41.0	1977	52.6	49.2	48.4	49.4	50.7	51.3	51.7	51.1	54.1	56.1	56.9	56.9	55.7
1979	39.7	39.6	39.4	40.2	31.0	39.7	39.7	40.8	40.7	41.0	40.8	40.5	43.4	1978	53.5	50.8	50.1	51.1	51.8	51.4	54.1	53.1	55.6	56.5	57.5	56.1	54.3
1980	38.9	40.9	39.9	39.9	38.4	36.7	39.0	35.8	38.7	39.1	39.7	39.0	39.2	1979	54.2	52.0	52.1	51.9	52.6	53.2	53.5	54.8	55.3	56.1	56.7	57.0	55.6
1981		39.0	38.9	39.1										1980	52.7	53.4	52.1	53.6	53.6	52.7	52.0	48.6	51.6	53.9	54.8	53.8	52.6
														1981		51.3	51.4	51.5									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	1.8	1.8	1.6	2.9	1.7	2.6	1.5	1.0	2.0	1.3	1.3	1.3	2.7	1977	27.0	25.1	24.6	25.5	26.4	26.6	26.5	25.6	27.5	28.9	29.2	28.9	28.8
1978	1.6	1.6	2.6	1.6	1.7	1.2	1.3	2.2	1.3	.9	.8	1.5	3.0	1978	27.8	25.7	25.3	26.0	26.5	26.3	28.5	27.4	28.6	30.3	30.5	29.8	28.6
1979	1.4	.9	.5	1.1	.3	1.3	.5	1.1	1.7	1.7	1.5	1.6	4.1	1979	27.7	26.4	26.3	26.3	26.7	26.8	26.9	27.3	27.9	28.7	29.5	30.1	30.0
1980	1.0	1.7	1.2	1.3	.7	.3	.4	.3	.5	1.2	2.1	1.0	.9	1980	28.3	27.9	27.5	28.1	28.4	27.9	27.5	25.9	27.8	29.8	30.2	29.6	28.9
1981		.9	1.3	1.0										1981		27.9	28.6	28.5									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.4	3.9	3.3	4.0	3.6	3.5	3.3	1.0	1.9	1.4	2.2	.7	.5	1977	41.0	38.1	37.3	38.2	39.5	39.7	39.8	39.3	42.0	44.0	45.0	44.9	43.9
1978	2.2	3.0	3.6	3.0	1.7	2.1	3.2	2.4	1.9	2.3	1.6	1.0	.9	1978	42.6	39.9	39.1	40.3	41.0	40.6	43.4	42.2	44.7	45.7	46.5	45.1	42.6
1979	2.8	6.7	3.1	2.2	2.2	3.6	3.6	2.7	2.6	2.9	1.7	1.9	1.0	1979	43.0	40.7	40.9	40.7	41.5	42.2	42.3	43.5	44.1	44.6	45.5	45.9	44.4
1980	2.8	1.9	2.2	1.5	.5	1.4	1.2	4.1	7.6	4.7	5.3	1.8	2.3	1980	42.8	42.5	41.8	43.2	43.4	43.0	42.1	39.4	42.2	44.7	45.1	43.9	42.5
1981		2.8	3.5	2.7										1981		41.5	41.6	41.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.6	1.6	1.8	3.3	2.0	3.0	2.8	.6	1.1	.9	.9	.3	.3	1977	182.10	172.87	178.54	178.09	177.58	179.60	177.91	176.87	184.47	188.20	188.60	189.54	189.77
1978	1.3	1.8	1.9	2.0	1.2	1.5	2.5	1.5	1.0	.6	.6	.2	.2	1978	198.68	184.69	195.02	191.83	198.21	197.38	198.21	197.78	199.08	201.87	203.00	207.87	204.69
1979	1.2	.6	1.0	.9	1.1	2.3	2.0	1.3	1.8	1.6	.7	.7	.3	1979	208.82	209.62	209.08	213.33	202.01	205.80	205.67	201.08	205.64	214.66	212.00	215.74	212.40
1980	.6	1.0	.6	.3	.3	.3	.2	.2	.1	1.8	2.2	.3	.2	1980	222.12	218.44	218.57	216.67	210.14	218.01	221.70	216.34	226.97	229.13	227.17	230.49	228.34
1981		.7	1.0	.4										1981		231.27	230.73	238.19									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3634—ELECTRIC HOUSEWARES AND FANS (Cor.)														SIC 3634—ELECTRIC HOUSEWARES AND FANS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.61	4.49	4.52	4.52	4.53	4.57	4.55	4.63	4.67	4.67	4.68	4.68	4.78	1977	1.7	2.4	1.5	1.1	0.6	1.3	2.4	1.9	0.5	0.5	0.5	0.6	7.6
1978	4.93	4.76	4.90	4.76	4.87	4.91	4.87	4.92	4.94	4.96	5.00	5.07	5.13	1978	1.4	3.1	2.7	2.2	1.0	.8	.1	.6	.3	(*)	3.0	.4	2.5
1979	5.30	5.28	5.32	5.32	5.22	5.25	5.22	5.25	5.30	5.38	5.34	5.34	5.35	1979	1.1	2.1	1.2	1.8	1.3	.6	.7	1.3	.3	.4	.1	2.2	1.4
1980	5.71	5.53	5.59	5.57	5.53	5.59	5.67	5.80	5.88	5.86	5.81	5.85	5.87	1980	1.4	1.5	.5	.3	1.0	2.5	2.3	.6	.3	.4	1.7	.9	4.9
1981		6.07	6.04	6.03										1981		2.7	1.9	.9									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 364—ELECTRIC LIGHTING AND WIRING EQUIPMENT													
1977	39.5	38.5	39.5	39.4	39.2	39.3	39.1	38.2	39.5	40.3	40.3	40.5	39.7	ALL EMPLOYEES—IN THOUSANDS													
1978	40.3	38.8	39.8	40.3	40.7	40.2	40.7	40.2	40.3	40.7	40.6	41.0	39.9	1977	205.4	198.6	199.4	201.8	203.4	204.2	205.7	203.3	205.6	208.5	210.0	211.9	212.9
1979	39.4	39.7	39.3	40.1	38.7	39.2	39.4	38.3	38.8	39.9	39.7	40.4	39.7	1978	217.8	213.1	213.4	215.7	213.7	214.2	216.9	212.8	217.8	222.8	223.2	225.0	224.9
1980	38.9	39.5	39.1	38.9	38.0	39.0	39.1	37.3	38.6	39.1	39.1	39.4	38.9	1979	225.3	225.5	224.5	225.9	226.7	226.9	230.0	223.4	218.6	226.3	226.1	224.4	225.2
1981		38.1	38.2	39.5										1980	211.2	224.0	222.5	222.9	221.2	213.8	207.4	199.2	199.1	203.8	205.8	207.4	207.7
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.2	1.9	1.9	1.7	1.6	1.7	1.6	1.3	2.5	3.2	3.0	2.9	2.3	1977	92.9	89.0	89.2	91.2	92.2	92.6	93.0	92.1	93.2	94.3	95.0	96.4	96.6
1978	2.7	1.8	2.7	2.2	2.4	2.3	2.7	2.1	2.9	3.5	3.4	3.1	2.6	1978	99.7	97.1	96.6	97.8	98.1	98.5	99.8	97.2	99.5	102.2	102.8	103.6	103.4
1979	2.4	2.5	2.2	2.3	1.2	1.8	2.5	1.8	2.4	3.1	2.9	3.5	2.8	1979	103.5	103.4	103.1	103.9	103.9	104.0	105.3	102.6	99.5	104.0	104.3	103.5	104.7
1980	1.8	2.1	2.0	1.8	1.2	1.4	1.6	.8	2.5	2.4	2.1	2.1	1.4	1980	96.5	102.9	102.1	102.7	101.5	97.8	94.3	90.1	90.4	93.2	93.9	94.6	94.9
1981		1.2	1.4	1.4										1981		94.3	94.7	96.0									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.4	2.8	3.2	5.1	4.6	6.2	5.2	5.3	8.9	6.7	6.5	5.5	3.7	1977	156.4	150.1	151.5	153.3	155.1	155.4	156.9	154.9	156.4	158.9	160.2	162.0	162.0
1978	5.9	4.6	3.8	5.4	5.7	7.4	6.5	6.5	9.0	7.3	6.5	5.3	2.5	1978	165.1	161.9	161.8	164.0	161.2	161.6	164.1	159.8	164.8	169.1	169.8	171.8	171.6
1979	4.6	4.4	3.5	5.9	3.6	5.9	4.7	4.5	6.1	5.7	5.4	3.7	2.3	1979	170.8	172.6	171.0	172.2	172.5	172.3	175.0	168.6	163.9	170.8	170.9	169.4	170.2
1980	3.7	5.7	3.4	3.3	3.1	3.1	3.4	3.1	5.8	5.2	3.7	2.3	1.7	1980	157.4	168.7	167.2	167.8	166.4	159.0	153.2	146.8	146.2	151.1	153.2	154.3	154.5
1981		6.8	2.0	2.4										1981		153.0	153.6	156.0									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.1	1.6	2.1	3.4	3.3	4.4	4.0	4.5	7.0	5.4	5.6	4.3	3.3	1977	200.70	186.90	195.20	195.29	193.64	196.31	200.88	198.69	202.47	206.23	205.49	209.56	218.48
1978	4.4	2.6	2.5	3.4	4.7	5.9	4.8	4.8	6.4	6.1	5.2	4.3	1.9	1978	219.49	203.81	208.40	215.59	216.68	216.95	221.81	217.31	220.70	223.51	224.32	227.36	235.41
1979	3.4	2.7	2.2	3.6	2.5	4.2	3.6	3.5	4.9	4.3	4.4	2.8	1.8	1979	234.59	228.63	231.32	232.47	219.82	233.78	232.22	228.52	230.26	239.40	241.59	244.80	251.10
1980	2.3	2.6	2.2	2.4	2.3	2.0	1.9	2.2	3.6	3.9	2.7	1.6	.7	1980	253.59	246.00	245.12	248.92	246.88	248.61	247.26	245.24	250.78	257.28	264.01	268.67	274.32
1981		.7	.8	1.4										1981		273.71	271.66	277.38									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.9	.8	.8	1.4	1.1	1.3	1.0	.5	1.7	1.0	.6	.9	2	1977	5.03	4.88	4.88	4.87	4.89	4.92	4.96	5.03	5.10	5.13	5.15	5.20	5.29
1978	1.0	1.7	1.0	1.8	.6	1.1	1.2	1.3	.8	.8	.8	.6	.4	1978	5.46	5.28	5.33	5.31	5.35	5.37	5.41	5.46	5.49	5.56	5.58	5.60	5.70
1979	1.0	1.5	1.0	2.0	.8	1.4	.8	.7	1.0	.9	.6	.6	.3	1979	5.85	5.73	5.74	5.74	5.68	5.83	5.82	5.80	5.80	5.97	5.98	6.00	6.08
1980	.9	2.6	.8	.5	.3	.8	.9	.5	1.9	.9	.6	.6	.6	1980	6.42	6.15	6.19	6.27	6.25	6.31	6.34	6.42	6.48	6.58	6.65	6.70	6.79
1981		5.9	1.0	.7										1981		6.86	6.86	6.90									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.4	5.1	3.9	4.1	4.0	5.4	5.9	5.4	6.0	5.7	4.5	3.9	10.6	1977	39.9	38.3	40.0	40.1	39.6	39.9	40.5	39.5	39.7	40.2	39.9	40.3	41.3
1978	5.7	5.9	5.4	5.9	4.8	5.2	5.5	4.5	7.4	5.7	7.9	4.4	5.4	1978	40.2	38.6	39.1	40.6	40.5	40.4	41.0	39.8	40.2	40.2	40.2	40.6	41.3
1979	4.9	6.1	4.3	5.3	4.8	4.7	4.3	4.9	6.2	4.9	4.5	5.7	3.7	1979	40.1	39.9	40.3	40.5	38.7	40.1	39.9	39.4	39.7	40.1	40.4	40.8	41.3
1980	4.3	5.0	3.6	3.4	4.0	5.1	5.4	3.0	3.5	3.8	4.7	3.1	6.6	1980	39.5	40.0	39.6	39.7	39.5	39.4	39.0	38.2	38.7	39.1	39.7	40.1	40.4
1981		4.6	3.9	2.7										1981		39.9	39.6	40.2									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.7	1.5	1.6	2.2	2.5	3.0	2.5	2.6	4.6	4.2	3.0	2.4	1.9	1977	2.4	2.2	2.6	2.4	2.2	2.2	2.5	2.1	2.3	2.5	2.5	2.6	2.8
1978	3.3	2.1	1.9	2.6	2.8	3.2	4.3	2.8	6.0	4.5	3.4	3.0	2.1	1978	2.9	2.3	2.8	2.9	2.6	2.7	2.9	2.6	2.9	3.2	3.0	3.1	3.2
1979	2.9	3.2	2.4	2.5	2.7	2.8	2.7	2.5	4.9	3.5	3.1	2.6	1.5	1979	2.6	3.0	3.0	2.9	1.6	2.7	2.5	2.2	2.4	2.7	2.8	3.0	2.8
1980	1.7	2.3	1.9	1.9	2.1	1.4	1.6	1.4	2.1	2.0	1.8	1.3	.8	1980	2.1	2.4	2.4	2.5	2.2	1.8	1.6	1.4	1.7	2.0	2.2	2.4	2.8
1981		1.1	1.2	1.1										1981		2.4	2.5	2.5									

See footnotes at end of tables.

MANUFACTURING

SIC 3641

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 364—ELECTRIC LIGHTING AND WIRING EQUIPMENT (Con.)														SIC 3641—ELECTRIC LAMPS (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.6	3.4	3.8	3.8	3.1	3.8	3.9	3.7	4.9	4.2	3.4	2.7	2.0	1977	33.0	33.1	32.8	32.6	33.0	32.7	33.0	33.2	33.0	33.2	33.0	33.5	33.5
1978	3.9	4.7	3.3	3.3	3.3	3.7	4.1	4.1	5.2	4.7	4.2	3.4	2.6	1978	32.8	33.2	32.8	32.6	32.3	32.4	32.3	31.9	32.3	33.0	33.1	33.5	33.6
1979	3.6	3.9	3.4	3.6	3.2	4.0	3.9	4.2	4.2	4.3	3.3	2.5	1.9	1979	33.6	34.9	33.4	33.5	34.0	33.8	34.2	33.8	29.5	34.2	34.0	33.5	34.6
1980	2.8	3.3	3.0	3.3	2.3	2.0	2.3	2.5	3.6	3.4	3.0	2.6	1.9	1980	32.2	34.5	33.6	33.4	33.2	32.5	31.1	31.4	29.6	32.1	31.5	31.4	31.5
1981		3.0	2.9	3.1										1981		31.1	30.8	30.7									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.6	2.1	2.1	2.9	2.3	2.9	3.0	2.5	3.4	3.4	2.6	2.1	1.4	1977	217.89	199.35	211.34	218.06	210.65	215.02	217.65	213.59	222.50	226.74	223.16	226.32	230.16
1978	2.9	2.8	2.2	2.4	2.5	2.9	3.3	2.6	3.9	4.0	3.5	2.7	2.0	1978	242.90	225.50	235.71	238.55	237.05	239.44	239.37	240.40	244.36	246.60	247.61	251.40	270.57
1979	2.7	2.8	2.5	3.0	2.6	3.1	3.3	2.4	3.1	3.1	2.6	1.9	1.4	1979	257.63	246.84	257.71	254.61	242.35	251.29	244.11	246.25	259.37	268.37	276.12	273.55	273.49
1980	1.6	2.1	2.0	2.4	1.8	1.3	1.3	1.1	1.4	1.8	1.8	1.4	1.1	1980	284.89	273.38	273.48	276.58	278.70	281.29	272.25	277.25	291.06	290.03	302.30	299.43	300.85
1981		1.7	1.9	2.1										1981		308.83	304.17	306.40									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.6	1.1	1.4	.6	.4	.4	.5	1.0	1.1	.4	.4	.3	.3	1977	5.38	5.26	5.31	5.28	5.24	5.27	5.27	5.38	5.44	5.49	5.51	5.52	5.60
1978	.5	1.3	.5	.5	.4	.4	.3	1.1	.7	.4	.3	.3	.2	1978	5.91	5.68	5.82	5.79	5.81	5.84	5.81	5.98	5.96	6.00	6.01	6.00	6.22
1979	.5	.6	.4	.2	.4	.5	.3	1.4	.7	.8	.3	.3	.3	1979	6.33	6.11	6.18	6.15	6.12	6.22	6.18	6.25	6.42	6.61	6.59	6.56	6.59
1980	.7	.7	.5	.4	.2	.4	.5	1.2	1.6	1.1	.8	1.0	.4	1980	7.14	6.75	6.82	6.88	6.95	6.98	6.91	7.22	7.35	7.38	7.52	7.43	7.54
1981		1.0	.7	.5										1981		7.74	7.72	7.66									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.2	3.2	3.7	3.0	2.7	2.9	2.9	3.9	4.5	3.9	2.9	2.9	2.6	1977	40.5	37.9	39.8	41.3	40.2	40.8	41.3	39.7	40.9	41.3	40.5	41.0	41.1
1978	3.4	3.3	2.6	2.8	3.0	3.4	3.6	4.7	4.5	4.2	3.8	2.7	2.8	1978	41.1	39.7	40.5	41.2	40.8	41.0	41.2	40.2	41.0	41.1	41.2	41.9	43.5
1979	3.7	3.2	2.7	3.0	3.4	3.5	3.5	5.2	5.6	4.3	3.4	3.3	3.1	1979	40.7	40.4	41.7	41.4	39.6	40.4	39.5	39.4	40.4	40.6	41.9	41.7	41.5
1980	3.5	3.4	2.9	3.2	4.5	5.2	4.6	4.0	3.9	3.2	2.6	2.6	2.6	1980	39.9	40.5	40.1	40.2	40.1	40.3	39.4	38.4	39.6	39.3	40.2	40.3	39.9
1981		2.8	2.5	2.4										1981		39.9	39.4	40.0									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.5	1.1	1.1	1.5	1.3	1.4	1.3	1.4	2.4	2.3	1.4	1.3	1.0	1977	2.1	1.8	2.3	2.5	1.9	2.0	2.2	1.7	2.0	2.2	2.0	2.3	2.2
1978	1.8	1.4	1.2	1.4	1.6	1.9	1.8	1.8	2.9	2.6	2.1	1.5	1.3	1978	2.6	2.4	2.7	2.6	2.3	2.3	2.3	1.7	2.4	2.9	2.9	3.3	3.5
1979	1.8	1.6	1.3	1.8	1.7	2.0	1.8	1.6	3.0	2.3	1.7	1.3	1.1	1979	2.3	2.9	2.8	2.6	1.5	2.1	1.7	1.3	1.8	2.4	3.0	2.8	2.5
1980	1.2	1.4	1.4	1.4	1.3	1.1	1.0	.9	1.6	1.3	1.1	.9	.8	1980	1.9	2.0	2.2	2.5	2.2	2.0	1.3	1.1	1.4	1.6	2.1	1.7	2.0
1981		1.0	1.0	1.1										1981		1.9	1.7	1.7									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.9	1.1	1.8	.6	.4	.6	.6	1.6	1.0	.5	.4	.7	1.0	1977	2.2	1.7	3.2	2.2	1.9	2.2	2.9	1.3	4.4	2.4	2.2	1.3	1.2
1978	.7	1.0	.6	.4	.6	.7	.9	2.0	.6	.5	.6	.4	.6	1978	2.2	2.2	1.7	2.2	2.0	2.5	2.0	2.0	3.1	3.0	2.8	2.2	1.2
1979	1.0	.5	.5	.3	.8	.5	.6	2.7	1.4	1.0	.8	1.2	1.2	1979	2.1	2.3	2.3	2.3	2.3	2.1	2.3	1.3	2.4	2.8	2.4	1.6	1.1
1980	1.5	1.0	.6	.9	2.3	3.1	2.5	2.3	1.3	1.0	.8	1.0	1.2	1980	1.8	2.0	1.4	1.7	1.8	1.6	2.0	2.5	1.7	2.2	1.4	2.6	.9
1981		1.0	.6	.4										1981		1.7	1.5	1.4									
SIC 3641—ELECTRIC LAMPS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	37.7	38.0	37.5	37.4	37.7	37.4	37.8	37.3	37.7	37.9	37.6	38.0	38.1	1977	1.1	1.0	.8	1.4	1.0	1.1	1.6	.7	1.7	1.5	1.2	.5	.6
1978	37.4	37.9	37.5	37.3	37.0	37.0	36.8	36.6	36.9	37.6	37.8	38.1	38.2	1978	1.3	1.2	.8	1.0	1.3	1.7	1.2	.8	1.9	2.1	1.6	1.5	.7
1979	38.0	39.1	37.6	37.8	38.2	38.2	38.7	38.2	33.8	38.7	38.4	37.9	39.0	1979	1.3	1.3	1.5	1.6	1.6	1.4	1.6	.7	1.5	1.7	1.6	.8	.5
1980	36.4	38.9	38.0	37.8	37.5	37.0	35.3	35.7	33.9	36.2	35.6	35.7	35.6	1980	.7	.9	.7	1.0	1.1	.8	.7	.5	.6	.9	.6	.5	.4
1981		35.2	34.8	34.8										1981		.6	.3	.5									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	23.9	24.1	23.7	23.7	24.0	23.8	23.9	23.7	23.9	24.1	23.9	24.2	24.3	1977	.6	.2	2.1	.4	.3	.4	.7	.2	2.0	.2	.3	.2	.1
1978	23.8	24.1	23.9	23.7	23.5	23.5	23.3	23.2	23.3	23.8	24.1	24.3	24.3	1978	.3	.2	.2	.5	.1	.1	.1	.8	.3	.2	.4	.2	.1
1979	24.2	24.9	24.1	24.2	24.5	24.3	24.7	24.3	21.3	24.7	24.6	24.1	24.9	1979	.2	.2	.3	.1	.2	.2	.1	.3	.1	.4	.1	.3	.1
1980	22.6	24.2	23.7	23.6	23.4	22.8	21.9	22.1	20.8	22.3	22.0	22.1	22.2	1980	.6	.4	.2	.2	.1	.3	.7	1.7	.5	.8	.3	1.4	.1
1981		21.9	21.8	21.6										1981		.3	.8	.5									

See footnotes at end of tables.

SIC 3641

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3641—ELECTRIC LAMPS (Con.)														SIC 3643—CURRENT-CARRYING WIRING DEVICES (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.3	1.5	4.5	1.8	2.1	1.9	1.8	4.2	2.1	2.4	2.1	1.4	1.4	1977	40.3	38.7	40.9	40.4	40.4	40.5	40.9	39.6	39.4	40.5	40.2	40.6	41.6
1978	2.1	1.8	2.2	1.7	2.6	2.4	2.1	2.4	2.4	2.5	2.2	1.5	2.0	1978	40.5	39.5	39.0	41.6	41.0	40.9	41.6	40.3	40.6	40.2	40.1	40.6	40.6
1979	2.1	2.0	1.6	1.9	2.2	1.8	1.8	2.2	3.0	3.7	2.0	1.9	1.7	1979	40.6	40.2	40.3	40.7	38.9	40.3	40.5	40.1	40.4	41.0	40.7	41.7	42.0
1980	2.6	2.5	2.5	3.3	2.2	3.1	3.8	1.9	2.6	3.7	2.3	2.0	1.6	1980	40.0	40.8	40.1	40.4	40.3	40.2	39.4	39.1	38.7	39.2	39.9	40.7	40.6
1981		3.1	1.6	1.9										1981		40.4	40.2	40.8									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.6	.5	.5	.7	.7	.6	.7	.6	.9	.9	.7	.4	.4	1977	2.6	2.2	2.7	2.4	2.4	2.6	2.7	2.3	2.4	2.7	2.7	2.8	3.3
1978	.7	.7	.6	.5	.6	.9	.8	.5	1.3	1.0	.8	.5	.5	1978	2.9	2.4	3.1	3.3	2.6	2.8	3.2	3.0	3.0	3.1	3.0	2.9	3.0
1979	.8	.7	.5	.7	.8	.8	.9	.7	1.4	1.0	.7	.5	.4	1979	2.9	2.8	3.0	2.9	1.5	2.7	2.7	2.8	2.8	3.2	3.2	3.8	3.5
1980	.6	.7	.6	.7	.6	.8	.5	.4	.9	.7	.5	.4	.4	1980	2.4	2.9	2.7	2.7	2.5	2.2	1.8	1.8	1.9	1.9	2.0	2.8	3.4
1981		.6	.4	.4										1981		2.7	3.0	3.1									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	.2	3.2	.2	.3	.5	.1	2.7	.1	.5	.4	.1	.2	1977	3.4	4.3	3.4	4.4	3.0	4.2	4.0	2.7	4.2	3.5	3.0	2.6	2.0
1978	.4	.2	.6	.1	.8	.3	.2	1.0	.2	.4	.1	.1	.3	1978	3.5	4.9	2.4	2.8	2.9	3.7	4.2	4.0	4.1	4.2	3.7	3.1	2.4
1979	.5	.2	.1	.2	.4	(¹)	(¹)	.8	.4	1.6	.4	.6	.7	1979	3.4	3.2	2.9	3.0	2.9	4.6	4.4	3.5	4.5	3.8	3.3	2.6	2.0
1980	1.2	.9	1.0	1.6	.5	1.4	2.2	.9	.8	2.2	1.0	.9	.6	1980	2.4	2.7	2.9	3.0	2.1	2.0	2.1	1.8	2.7	2.8	2.7	1.9	1.7
1981		1.5	.2	.6										1981		2.3	2.3	2.8									
SIC 3643—CURRENT-CARRYING WIRING DEVICES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.7	2.5	2.5	3.6	2.5	3.4	3.4	2.2	3.1	3.1	2.4	2.0	1.3
1977	82.3	77.5	78.8	80.7	81.6	82.2	82.9	82.9	83.0	83.5	84.1	85.1	85.4	1978	2.7	2.5	1.8	2.0	2.0	3.0	3.4	2.7	3.5	3.8	3.2	2.6	1.9
1978	88.1	85.9	86.0	87.7	86.9	87.6	88.2	86.8	88.4	89.9	89.7	89.9	90.6	1979	2.7	2.4	2.0	2.6	2.2	3.6	3.6	2.7	3.2	3.4	2.7	2.1	1.7
1979	91.0	90.3	90.1	89.9	90.5	90.9	92.2	90.0	90.6	91.0	91.5	92.1	92.7	1980	1.6	2.1	2.1	2.6	1.7	1.4	1.6	1.1	1.4	1.7	1.7	1.2	1.1
1980	88.5	92.0	91.2	91.0	91.7	90.3	88.9	85.4	85.7	85.6	86.3	86.9	87.4	1981		1.3	1.6	2.1									
1981		86.6	87.2	88.3																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	39.8	37.0	37.6	39.0	39.5	39.9	40.1	40.5	40.3	40.5	40.7	41.4	41.5	1977	.5	1.5	.7	.7	.3	.5	.3	.3	.7	.1	.3	.4	.4
1978	43.4	41.8	41.8	43.0	42.8	43.3	43.6	42.5	43.3	44.5	44.6	44.8	45.0	1978	.5	2.0	.4	.5	.6	.5	.3	.9	.3	.2	.2	.3	.2
1979	45.0	44.7	44.8	44.5	44.4	44.8	45.3	44.4	44.8	44.9	45.3	45.5	46.2	1979	.4	.2	.2	.1	.4	.6	.5	.5	.9	.2	.4	.2	.1
1980	43.1	45.4	44.9	45.0	45.1	44.3	43.3	41.2	41.7	41.5	41.6	41.9	41.8	1980	.4	.2	.3	.1	.1	.3	.2	.5	1.0	.8	.8	.6	.4
1981		41.5	41.9	42.4										1981		.7	.4	.4									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	58.4	54.4	55.4	56.9	57.9	58.2	59.2	59.4	59.3	59.5	59.8	60.4	60.3	1977	3.0	3.1	2.7	3.3	2.4	2.4	2.5	3.0	4.2	3.9	2.7	2.9	2.5
1978	62.3	60.4	60.1	62.1	61.3	61.8	62.2	60.8	62.4	63.8	63.8	64.1	64.4	1978	3.1	4.0	2.4	2.6	2.6	2.7	3.1	3.5	4.1	4.0	3.5	2.4	2.4
1979	63.9	64.3	63.8	63.5	63.5	63.8	65.2	62.8	63.1	63.5	64.0	64.6	65.0	1979	3.1	3.0	2.5	2.4	3.3	3.5	3.3	3.3	5.0	4.1	2.7	2.5	2.2
1980	61.5	64.4	63.7	63.8	64.4	63.0	61.6	58.7	59.2	58.9	59.7	60.1	60.2	1980	2.9	3.2	2.6	2.6	3.0	3.6	3.9	3.3	3.5	2.8	2.3	1.7	1.9
1981		59.5	60.0	60.6										1981		2.1	2.3	2.2									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	189.41	176.47	186.10	183.01	184.63	187.11	190.59	187.31	189.91	194.00	192.16	198.13	204.26	1977	1.5	1.2	1.2	1.7	1.4	1.4	1.3	1.3	2.6	2.4	1.3	1.3	.9
1978	204.93	192.76	193.05	205.09	202.95	204.09	210.50	204.72	207.87	207.03	206.92	209.90	212.74	1978	1.6	1.5	1.0	1.1	1.2	1.6	1.6	1.4	2.9	2.6	2.1	1.4	1.2
1979	222.49	214.27	215.61	217.75	205.39	218.43	221.54	217.34	220.99	230.01	229.14	238.11	240.24	1979	1.7	1.6	1.1	1.4	1.6	2.0	2.0	1.5	3.4	2.5	1.5	1.2	1.2
1980	242.00	237.46	235.79	240.78	239.79	240.40	236.01	237.34	236.07	239.51	245.39	255.19	257.81	1980	1.2	1.6	1.4	1.4	1.3	1.1	1.0	.8	1.8	1.2	1.0	.9	.7
1981		260.18	261.70	268.87										1981		.9	1.0	1.1									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.70	4.56	4.55	4.53	4.57	4.62	4.66	4.73	4.82	4.79	4.78	4.88	4.91	1977	.6	1.0	.8	.7	.2	.2	.2	.9	.6	.6	.5	.9	1.0
1978	5.06	4.88	4.95	4.93	4.95	4.99	5.06	5.08	5.12	5.15	5.16	5.17	5.24	1978	.7	1.8	.7	.7	.6	.5	.7	1.2	.2	.4	.5	.4	.4
1979	5.48	5.33	5.35	5.35	5.28	5.42	5.47	5.42	5.47	5.61	5.63	5.71	5.72	1979	.6	.5	.7	.2	1.1	.6	.2	1.0	.5	.7	.4	.6	.4
1980	6.05	5.82	5.88	5.96	5.95	5.98	5.99	6.07	6.10	6.11	6.15	6.27	6.35	1980	.9	.7	.4	.4	.9	1.6	2.0	1.8	.9	.8	.7	.2	.7
1981		6.44	6.51	6.59										1981		.4	.5	.3									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3644—NONCURRENT-CARRYING WIRING DEVICES														SIC 3645—RESIDENTIAL LIGHTING FIXTURES (Con.)													
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	23.0	22.8	22.6	22.5	22.9	22.9	23.2	22.8	22.9	23.3	23.2	23.2	23.4	1977	156.71	149.87	154.50	150.92	150.06	154.54	162.60	158.42	155.77	159.80	159.52	161.83	161.68
1978	23.8	23.6	23.7	23.8	21.9	21.8	23.8	23.8	23.7	24.3	24.6	25.1	25.2	1978	165.38	149.13	159.41	170.77	164.05	164.25	166.38	163.32	167.25	170.31	168.66	167.32	172.28
1979	25.1	25.5	25.8	25.9	25.9	25.7	25.8	25.2	24.7	24.8	24.1	23.7	23.6	1979	175.26	165.35	173.74	170.62	160.89	177.49	177.17	173.50	178.26	176.70	182.28	181.97	183.61
1980	22.4	24.1	23.7	23.8	23.6	22.4	21.8	20.4	20.9	21.5	21.8	22.4	22.4	1980	188.63	184.19	184.68	177.97	184.73	184.02	185.50	179.78	187.82	191.29	199.05	199.54	207.34
1981		22.6	22.9	23.1										1981		207.69	209.72	212.78									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	16.9	16.6	16.5	16.5	16.9	17.0	17.1	16.8	16.7	17.2	17.2	17.3	17.4	1977	4.19	4.14	4.12	4.09	4.10	4.11	4.18	4.27	4.21	4.25	4.22	4.27	4.30
1978	17.2	17.5	17.6	17.8	15.1	15.1	17.1	17.1	16.9	17.6	18.0	18.4	18.5	1978	4.41	4.31	4.32	4.39	4.34	4.38	4.39	4.45	4.46	4.47	4.45	4.45	4.51
1979	18.4	18.7	18.9	19.1	19.0	18.9	19.0	18.4	18.1	18.2	17.5	17.2	17.2	1979	4.60	4.53	4.56	4.49	4.42	4.61	4.59	4.59	4.63	4.65	4.65	4.69	4.72
1980	16.0	17.4	17.1	17.3	17.2	16.0	15.5	14.3	14.6	15.2	15.5	16.2	16.2	1980	5.03	4.86	4.86	4.81	4.90	4.96	5.00	5.05	5.09	5.17	5.17	5.21	5.33
1981		16.2	16.5	16.8										1981		5.48	5.49	5.47									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	210.93	196.48	203.52	206.04	202.93	205.01	210.00	214.80	214.77	216.54	216.40	221.81	218.70	1977	37.4	36.2	37.5	36.9	36.6	37.6	38.9	37.1	37.0	37.6	37.8	37.9	37.6
1978	220.84	205.90	215.42	212.31	213.44	218.00	228.30	220.86	219.64	223.91	224.80	227.86	236.55	1978	37.5	34.6	36.9	38.9	37.8	37.5	37.9	36.7	37.5	38.1	37.9	37.6	38.2
1979	238.19	224.62	233.16	237.10	224.23	238.00	239.79	234.52	234.14	241.02	241.41	253.83	257.99	1979	38.1	36.5	38.1	38.0	36.4	38.5	38.6	37.8	38.5	38.0	39.2	38.8	38.9
1980	267.06	258.05	256.31	256.31	253.62	258.96	261.46	264.80	263.74	272.34	281.64	282.69	294.27	1980	37.5	37.9	38.0	37.0	37.7	37.1	37.1	35.6	36.9	37.0	38.5	38.3	38.9
1981		290.34	288.35	294.94										1981		37.9	38.2	38.9									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	5.26	5.13	5.05	5.10	5.19	5.19	5.25	5.33	5.29	5.36	5.33	5.41	5.40	1977	1.6	1.5	2.2	1.6	1.2	1.4	1.4	1.2	1.2	1.8	1.9	1.9	1.9
1978	5.48	5.39	5.44	5.43	5.27	5.33	5.41	5.44	5.45	5.57	5.62	5.64	5.70	1978	1.7	1.2	2.0	1.9	1.3	1.3	1.4	1.0	1.9	1.9	2.2	1.8	2.1
1979	6.03	5.73	5.80	5.84	5.87	5.98	6.04	6.06	6.05	6.18	6.19	6.33	6.37	1979	1.9	1.5	2.5	2.0	.8	1.8	1.8	2.0	2.1	2.0	2.3	2.4	2.0
1980	6.71	6.50	6.44	6.44	6.47	6.64	6.67	6.86	6.78	6.86	6.92	6.98	7.04	1980	1.2	1.8	1.2	1.3	1.1	.7	.6	.6	.7	1.1	1.6	1.6	1.6
1981		7.03	7.05	7.09										1981		1.2	1.8	1.7									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 365—RADIO AND TV RECEIVING EQUIPMENT													
1977	40.1	38.3	40.3	40.4	39.1	39.5	40.0	40.3	40.6	40.4	40.6	41.0	40.5	ALL EMPLOYEES—IN THOUSANDS													
1978	40.3	38.2	39.6	39.1	40.5	40.9	42.2	40.6	40.3	40.2	40.0	40.4	41.5	1977	122.7	117.8	117.7	117.6	119.5	122.7	123.6	120.4	124.9	128.1	127.3	127.2	125.0
1979	39.5	39.2	40.2	40.6	38.2	39.8	39.7	38.7	38.7	39.0	39.0	40.1	40.5	1978	119.5	121.4	118.6	117.2	115.7	117.0	118.6	117.1	118.1	122.4	124.0	123.9	120.3
1980	39.8	39.7	39.8	39.8	39.2	39.0	39.2	38.6	38.9	39.7	40.7	40.5	41.8	1979	114.7	114.4	114.8	113.5	110.8	112.6	115.5	112.7	113.5	118.5	118.9	115.7	115.4
1981		41.3	40.9	41.6										1980	109.6	112.2	111.3	112.0	111.0	106.0	108.7	104.8	106.7	110.2	110.6	110.6	111.5
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		108.8	108.2	108.7									
1977	2.2	1.8	2.1	2.2	1.9	1.8	2.2	1.8	2.2	2.6	2.4	2.5	2.3	WOMEN EMPLOYEES—IN THOUSANDS													
1978	2.9	2.0	2.7	2.4	2.7	2.9	3.7	2.9	2.9	3.3	3.0	3.1	3.1	1977	65.8	61.8	61.7	62.1	63.4	66.0	67.1	64.2	66.9	69.7	69.2	69.6	67.9
1979	2.3	2.8	2.9	3.1	1.3	2.4	2.3	1.6	2.1	2.3	2.4	2.4	2.5	1978	64.0	64.9	63.1	62.1	61.4	62.3	62.6	61.2	63.3	66.6	67.7	67.8	65.4
1980	2.1	2.5	2.8	2.4	1.7	1.4	1.3	1.1	1.5	2.2	2.7	2.4	2.9	1979	61.3	61.2	60.1	59.9	57.9	59.4	61.8	59.8	60.9	64.9	65.0	62.1	62.0
1981		2.8	2.7	2.8										1980	58.1	59.4	58.7	59.4	59.2	55.4	57.3	54.3	56.2	58.7	59.2	59.5	60.1
SIC 3645—RESIDENTIAL LIGHTING FIXTURES														1981		58.8	58.4	58.2									
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION WORKERS—IN THOUSANDS													
1977	24.2	23.5	23.4	23.9	24.0	23.9	24.1	23.2	24.3	24.4	25.1	25.1	25.1	1977	90.0	83.8	84.4	84.2	86.4	89.9	91.1	88.2	92.4	95.3	95.0	95.3	94.1
1978	25.9	24.9	25.6	26.3	26.1	25.9	25.7	25.1	25.9	26.4	26.3	26.3	26.7	1978	89.0	90.9	88.1	86.9	84.9	86.2	87.4	86.6	87.5	91.8	93.2	93.4	90.8
1979	27.3	26.1	26.6	27.1	27.2	26.8	27.7	27.1	27.7	27.8	28.3	27.5	27.5	1979	85.2	84.3	84.7	84.5	81.7	82.9	85.4	83.8	84.7	89.6	89.3	85.8	85.2
1980	25.3	27.0	27.3	27.9	27.1	25.0	23.5	22.5	23.3	24.3	25.2	25.2	25.1	1980	79.1	82.2	80.7	81.4	80.5	76.2	78.7	74.4	76.1	79.6	79.6	79.4	79.9
1981		24.8	25.1	25.9										1981		77.7	76.7	77.2									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	18.9	18.4	18.3	18.7	18.8	18.6	18.8	18.0	18.9	18.9	19.6	19.8	19.6	1977	192.72	174.96	179.86	181.50	186.44	186.26	193.52	183.52	196.26	202.37	203.50	204.12	209.68
1978	20.1	19.4	20.1	20.4	20.2	20.1	19.8	19.3	20.2	20.4	20.4	20.4	20.7	1978	206.56	194.02	195.56	200.72	201.37	201.63	203.84	207.58	212.26	217.08	214.19	211.29	214.18
1979	21.2	20.1	20.6	21.2	21.2	20.8	21.4	20.9	21.5	21.5	22.1	21.5	21.5	1979	224.06	211.30	214.70	223.68	205.35	221.18	231.28	221.25	224.96	230.08	228.92	235.20	241.30</

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 365—RADIO AND TV RECEIVING EQUIPMENT (Con.)														SIC 365—RADIO AND TV RECEIVING EQUIPMENT (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.83	4.58	4.60	4.63	4.72	4.68	4.79	4.73	4.87	4.96	5.00	5.04	5.19	1977	1.9	3.3	2.1	1.3	1.0	1.1	1.5	0.8	2.6	1.8	1.5	1.8	4.0
1978	5.31	5.16	5.16	5.20	5.19	5.21	5.24	5.35	5.36	5.40	5.45	5.39	5.52	1978	1.8	2.6	2.5	2.4	1.9	1.7	1.6	2.4	.3	1.5	.9	2.0	2.3
1979	5.85	5.68	5.65	5.75	5.72	5.79	5.90	5.90	5.92	5.81	5.90	6.00	6.14	1979	1.7	4.3	1.9	1.9	2.1	1.6	.8	2.3	1.2	.3	1.4	1.6	1.1
1980	6.45	6.15	6.21	6.30	6.31	6.11	6.44	6.50	6.53	6.60	6.58	6.69	6.98	1980	2.3	4.2	1.6	1.3	.8	4.2	3.0	3.4	1.0	.9	1.2	3.4	2.5
1981		6.96	6.95	7.14										1981		2.9	3.2	1.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3651—RADIO AND TV RECEIVING SETS													
1977	39.9	38.2	39.1	39.2	39.5	39.8	40.4	38.8	40.3	40.8	40.7	40.5	40.4	ALL EMPLOYEES—IN THOUSANDS													
1978	38.9	37.6	37.9	38.6	38.8	38.7	38.9	38.8	39.6	40.2	39.3	39.2	38.8	1977	96.2	92.3	92.9	93.6	94.8	97.2	98.0	94.9	99.5	100.5	98.3	97.1	95.2
1979	38.3	37.2	38.0	38.9	35.9	38.2	39.2	37.5	38.0	39.6	38.8	39.2	39.3	1978	90.8	92.9	91.9	90.1	89.9	89.4	90.6	88.9	89.5	91.8	92.4	92.1	90.3
1980	38.8	38.3	38.5	38.9	37.9	37.7	38.1	37.9	38.8	39.3	39.4	39.4	40.9	1979	87.5	88.4	87.1	85.6	84.9	86.4	87.6	86.0	87.0	88.3	89.0	89.7	89.6
1981		38.5	36.9	39.0										1980	85.9	87.9	87.3	87.8	87.4	83.6	85.6	82.5	83.1	85.6	85.9	86.6	87.2
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		86.6	86.5	86.7									
1977	1.9	1.3	.7	.9	2.1	1.8	1.9	1.5	2.1	2.4	2.6	2.7	2.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	2.1	1.8	1.5	1.7	1.8	2.1	2.1	2.1	2.1	2.9	2.5	2.2	2.0	1977	50.3	47.1	47.6	48.7	49.4	51.5	52.3	49.5	52.0	53.3	51.7	50.8	49.7
1979	2.0	1.7	1.8	2.4	1.1	1.8	2.6	2.0	1.9	2.4	2.2	1.9	1.7	1978	46.4	47.8	47.4	46.0	45.7	45.6	45.5	44.0	45.6	47.2	47.6	47.6	46.7
1980	1.6	1.4	1.6	1.8	1.4	1.1	1.3	1.1	1.9	1.8	1.6	1.9	2.7	1979	45.2	45.6	44.3	43.6	43.4	44.5	45.4	44.1	45.2	46.1	46.4	46.7	46.5
1981		1.2	.9	1.5										1980	43.8	45.1	44.5	44.8	44.9	41.9	43.4	41.2	42.0	43.7	44.2	44.8	45.3
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.6	4.0	3.1	4.4	5.2	4.9	4.5	3.9	8.5	5.6	5.2	3.0	2.4	1977	69.0	63.7	65.2	65.6	67.2	69.9	70.9	68.1	72.2	73.1	71.4	70.7	69.7
1978	5.3	6.3	4.6	4.3	5.6	4.7	5.7	7.1	5.8	6.5	6.2	5.1	1.9	1978	66.3	67.7	66.8	65.2	65.1	64.9	65.7	64.6	65.1	67.5	67.9	67.9	67.0
1979	4.0	4.2	4.3	4.9	4.2	7.3	3.9	3.9	3.8	4.2	3.0	2.7	2.0	1979	63.5	64.6	63.2	62.4	61.6	62.4	63.1	62.6	63.5	64.4	64.7	65.0	64.4
1980	3.9	2.9	3.8	3.4	4.3	2.9	3.5	3.6	5.9	5.1	4.2	3.2	3.5	1980	60.0	62.8	61.5	62.0	61.5	58.2	60.2	56.7	57.2	59.6	59.4	59.9	60.5
1981		4.8	3.5	3.4										1981		60.4	59.9	60.0									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.0	1.0	.8	1.2	1.9	2.4	2.3	1.6	4.0	3.0	3.0	1.5	1.6	1977	193.85	180.01	183.46	185.73	188.28	186.12	199.02	185.37	195.82	199.10	200.66	201.49	213.33
1978	3.1	2.7	2.5	1.5	2.8	2.9	3.5	4.1	4.0	4.2	4.3	3.3	.9	1978	210.92	203.68	203.14	203.67	207.43	208.59	206.90	211.14	214.73	219.38	217.32	214.23	219.82
1979	2.0	1.9	1.6	2.0	2.1	2.4	2.1	2.0	2.0	3.3	1.8	1.5	1.2	1979	230.12	214.11	221.13	229.85	211.09	227.18	237.51	227.48	228.09	235.17	239.01	242.81	245.55
1980	1.5	1.7	1.4	1.6	1.8	1.3	1.2	.8	1.8	1.7	1.7	1.4	1.2	1980	257.46	243.33	246.27	254.26	249.28	237.13	252.79	254.22	256.32	267.63	265.88	274.03	290.24
1981		1.3	1.0	1.1										1981		277.59	267.10	286.03									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.3	1.9	1.3	2.0	1.6	1.2	1.0	1.0	2.8	1.0	.7	.3	.4	1977	4.92	4.70	4.68	4.75	4.84	4.76	4.89	4.79	4.92	4.99	5.08	5.14	5.36
1978	1.1	1.8	.7	1.5	1.6	.8	1.3	1.6	.9	.7	.5	.7	.4	1978	5.45	5.36	5.29	5.29	5.36	5.39	5.36	5.47	5.45	5.54	5.63	5.55	5.68
1979	1.1	.9	1.5	1.2	1.4	3.7	1.0	1.1	.9	.3	.3	.3	.5	1979	6.04	5.85	5.85	5.97	5.88	6.01	6.09	6.05	6.05	6.03	6.16	6.21	6.28
1980	.9	.7	1.5	.8	1.1	.4	1.0	1.4	2.0	.5	.5	.5	1.0	1980	6.67	6.37	6.43	6.57	6.56	6.29	6.67	6.69	6.71	6.81	6.80	6.92	7.22
1981		2.0	1.0	1.0										1981		7.21	7.18	7.41									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.9	5.8	4.5	3.9	3.2	3.8	4.7	3.4	7.8	5.7	5.3	4.1	6.1	1977	39.4	38.3	39.2	39.1	38.9	39.1	40.7	38.7	39.8	39.9	39.5	39.2	39.8
1978	5.8	6.1	5.8	5.7	5.3	5.1	5.3	7.1	5.7	6.6	5.5	5.9	5.2	1978	38.7	38.0	38.4	38.5	38.7	38.7	38.6	38.6	39.4	39.6	38.6	38.6	38.7
1979	4.7	8.0	5.1	5.6	5.1	5.6	3.5	4.7	5.1	3.1	4.3	4.1	2.7	1979	38.1	36.6	37.8	38.5	35.9	37.8	39.0	37.6	37.7	39.0	38.8	39.1	39.1
1980	4.8	6.8	4.1	3.8	3.5	6.7	5.4	5.6	3.8	3.6	3.7	5.5	4.9	1980	38.6	38.2	38.3	38.7	38.0	37.7	37.9	38.0	38.2	39.3	39.1	39.6	40.2
1981		6.6	5.9	3.1										1981		38.5	37.2	38.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.4	1.1	.9	1.0	1.0	1.0	1.3	1.3	2.9	1.9	1.7	1.1	1.0	1977	1.3	1.1	.5	.6	1.2	.9	1.7	1.1	1.6	1.5	1.5	1.5	2.1
1978	2.0	1.6	1.5	1.4	1.6	1.6	2.0	2.6	2.6	2.8	2.5	2.2	1.7	1978	1.6	1.5	1.2	1.2	1.3	1.7	1.5	1.5	1.8	2.2	1.8	1.6	1.8
1979	1.5	1.7	1.3	1.9	1.4	2.3	1.5	1.4	1.7	1.6	1.6	1.4	.8	1979	1.7	1.6	1.7	1.7	.9	1.5	2.4	1.8	1.5	1.7	1.9	1.8	1.7
1980	1.1	1.3	1.0	1.1	1.2	1.1	.9	.9	1.3	1.2	1.1	.9	.9	1980	1.7	1.5	1.7	1.9	1.6	1.2	1.3	1.3	1.6	1.7	1.5	2.1	2.4
1981		1.7	1.0	.7										1981		1.5	1.1	1.4									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3651—RADIO AND TV RECEIVING SETS (Con.)														SIC 366—COMMUNICATION EQUIPMENT (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.3	4.0	3.1	4.5	4.5	4.8	4.4	2.9	8.5	4.8	4.6	3.2	2.5	1977	224.9	220.0	219.4	219.8	220.5	221.7	225.1	223.7	224.4	227.6	230.0	232.8	233.8
1978	5.1	7.0	4.4	3.4	5.1	4.3	5.4	6.1	5.4	6.3	6.6	5.4	1.9	1978	240.8	233.4	235.3	234.8	235.6	235.1	238.1	238.1	241.6	244.4	246.9	252.4	254.2
1979	3.7	4.3	3.9	5.0	3.8	7.3	3.5	3.9	3.0	2.9	2.6	2.6	1.8	1979	262.2	255.1	254.9	259.6	260.3	260.4	261.8	262.5	261.8	266.9	266.5	267.9	268.8
1980	3.7	2.8	3.4	3.2	3.9	3.0	3.0	3.2	5.0	5.5	4.5	3.4	3.4	1980	265.0	269.2	268.9	270.0	269.9	266.8	265.2	261.4	262.1	259.7	260.5	262.7	263.9
1981		4.2	3.3	3.0										1981		263.3	263.4	263.1									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.7	.6	.6	1.1	1.6	1.9	2.0	1.5	4.0	1.9	2.0	1.3	1.5	1977	254.82	241.40	249.87	251.32	248.47	250.92	254.00	247.63	254.62	263.53	261.21	264.13	269.22
1978	2.9	2.8	2.3	1.6	2.6	2.5	3.3	4.0	3.7	3.4	4.1	3.3	.8	1978	272.14	259.77	256.86	264.87	261.20	262.25	266.49	268.62	278.66	283.86	280.03	284.69	292.72
1979	1.8	2.1	1.8	2.2	2.2	2.6	2.1	1.8	1.5	1.8	1.2	1.2	1.1	1979	300.76	286.49	289.51	291.87	280.90	289.98	294.99	292.23	306.00	315.82	311.95	318.17	326.48
1980	1.5	1.7	1.5	1.8	1.9	1.2	1.2	.7	1.6	1.5	1.4	1.5	1.4	1980	323.16	318.78	319.19	319.80	314.72	311.58	315.15	312.44	315.57	329.27	332.10	338.65	348.19
1981		1.4	1.0	1.1										1981		341.47	342.23	344.25									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.3	2.1	1.4	2.1	1.5	1.4	1.2	.4	2.4	1.0	.8	.4	.5	1977	6.20	6.02	6.05	6.10	6.09	6.12	6.15	6.16	6.18	6.35	6.34	6.38	6.41
1978	.8	1.9	.5	.8	1.4	.5	.9	.4	.6	.9	.7	.9	.4	1978	6.67	6.43	6.47	6.54	6.53	6.54	6.58	6.60	6.78	6.84	6.83	6.86	6.92
1979	.8	.5	1.0	.7	.7	3.3	.5	1.1	.3	.3	.3	.3	.2	1979	7.30	6.92	7.01	7.05	7.04	7.09	7.16	7.18	7.50	7.61	7.59	7.63	7.70
1980	.5	.4	.8	.3	.5	.4	.4	.9	.8	.4	.6	.4	.5	1980	7.94	7.70	7.71	7.80	7.79	7.77	7.82	7.87	7.85	8.11	8.20	8.28	8.39
1981		.9	.7	.6										1981		8.39	8.45	8.50									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.7	5.9	3.6	4.0	3.3	3.7	4.6	3.0	8.1	6.1	5.6	3.9	4.3	1977	41.1	40.1	41.3	41.2	40.8	41.0	41.3	40.2	41.2	41.5	41.2	41.4	42.0
1978	6.0	6.2	6.1	6.3	5.7	5.2	5.1	6.9	5.9	7.5	6.2	6.1	4.9	1978	40.8	40.4	39.7	40.5	40.0	40.1	40.5	40.7	41.1	41.5	41.0	41.5	42.3
1979	4.5	7.6	4.7	6.2	3.8	6.0	3.3	4.4	5.1	2.9	3.9	3.8	2.1	1979	41.2	41.4	41.3	41.4	39.9	40.9	41.2	40.7	40.8	41.5	41.1	41.7	42.4
1980	4.2	4.4	3.6	3.2	3.4	6.6	4.1	5.6	4.0	3.3	3.3	4.3	4.6	1980	40.7	41.4	41.4	41.0	40.4	40.1	40.3	39.7	40.2	40.6	40.5	40.9	41.5
1981		7.2	6.2	2.7										1981		40.7	40.5	40.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.2	1.0	.8	.9	.8	.9	1.2	1.2	2.8	1.7	1.4	1.0	.8	1977	2.7	2.4	2.7	2.6	2.4	2.6	2.8	2.1	2.7	3.1	2.9	3.0	3.3
1978	1.9	1.8	1.5	1.4	1.5	1.4	1.7	2.6	2.4	2.8	2.4	2.3	1.4	1978	2.9	2.6	2.8	2.7	2.3	2.4	2.9	2.8	3.0	3.3	3.0	3.3	3.5
1979	1.4	1.7	1.3	2.0	1.2	2.2	1.1	1.2	1.5	1.3	1.3	.9	.6	1979	2.8	2.8	3.0	3.0	2.1	2.5	2.7	2.6	2.8	3.1	3.0	3.2	3.4
1980	.9	1.2	.8	.9	.9	1.0	.7	.8	1.1	.9	.8	.9	.9	1980	2.4	2.9	3.0	2.8	2.2	2.0	2.1	1.9	2.1	2.4	2.1	2.5	2.8
1981		1.6	1.0	.6										1981		2.3	2.4	2.1									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.8	3.4	1.4	1.4	1.2	1.0	1.4	.6	2.8	2.3	1.9	1.7	2.1	1977	2.1	2.0	1.9	2.2	1.7	2.4	2.8	2.0	2.4	2.5	2.3	1.7	1.3
1978	1.9	2.2	2.5	2.5	2.1	1.7	1.7	2.2	.4	2.0	1.2	1.9	1.9	1978	2.3	2.1	1.8	2.2	2.0	2.3	3.0	2.4	2.6	2.7	2.7	2.0	1.4
1979	1.4	3.6	1.1	2.0	.7	1.8	.7	2.1	1.0	.4	1.3	1.6	.6	1979	2.3	2.3	2.4	2.4	2.0	2.3	3.0	2.5	2.4	2.4	2.4	1.8	1.4
1980	1.6	1.8	1.0	.8	.7	4.1	1.6	3.3	1.0	.7	.9	2.0	1.9	1980	2.0	2.3	2.2	2.2	2.0	2.1	2.9	1.9	1.7	2.2	1.8	1.4	1.2
1981		3.4	3.2	.7										1981		1.9	1.5	1.8									
SIC 366—COMMUNICATION EQUIPMENT														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	461.6	450.8	451.3	452.4	453.0	454.6	461.1	463.0	464.3	466.6	470.4	474.6	476.9	1977	.3	.5	.4	.4	.3	.4	.3	.4	.3	.3	.1	.1	.1
1978	492.1	478.6	482.1	482.8	484.4	484.5	490.4	492.5	494.8	497.4	501.3	506.5	509.4	1978	.2	.3	.2	.2	.2	.1	.2	.3	.3	.2	.1	.1	.1
1979	522.6	511.0	511.2	515.2	515.9	517.6	522.6	524.9	523.3	529.0	531.0	534.3	535.6	1979	.2	.2	.2	.2	.1	.1	.2	.3	.2	.2	.2	.1	.1
1980	539.2	535.9	536.8	538.6	539.9	538.8	539.9	539.0	539.9	537.5	539.8	541.6	542.3	1980	.1	.2	.2	.2	.1	.1	.2	.2	.1	.1	.2	.2	.1
1981		542.6	541.9	541.7										1981		.2	.2	.2									
WOMEN EMPLOYEES—IN THOUSANDS																											
1977	164.0	157.5	156.3	158.9	160.2	162.0	163.5	163.6	165.3	167.1	169.8	171.6	172.6														
1978	177.5	171.9	173.2	173.0	172.5	173.9	175.8	176.0	178.1	180.3	182.5	185.2	187.1														
1979	196.9	187.2	187.7	190.7	193.8	195.0	197.0	198.0	198.4	201.3	203.0	204.7	206.0														
1980	205.6	205.6	206.5	207.2	207.2	205.7	205.0	204.2	205.1	203.9	204.5	205.8	206.3														
1981		206.6	206.7	206.9																							

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 366—COMMUNICATION EQUIPMENT (Con.)														SIC 3661—TELEPHONE AND TELEGRAPH APPARATUS (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.7	1.7	1.9	1.6	1.5	1.5	1.5	1.8	2.2	2.0	1.6	1.5	1.1	1977	41.6	39.9	42.1	41.8	41.7	41.6	41.9	40.8	41.8	42.3	41.5	41.5	42.2
1978	1.8	1.5	1.7	1.7	1.9	1.8	2.0	1.9	2.3	2.3	1.8	1.5	1.2	1978	39.8	40.1	39.2	39.5	38.8	39.2	39.7	39.1	40.1	40.4	39.8	40.5	41.6
1979	1.9	1.7	1.9	2.0	1.7	1.7	2.1	1.9	2.8	2.4	1.9	1.4	1.2	1979	41.3	40.8	41.0	41.1	39.3	40.8	41.4	40.9	41.7	42.1	41.4	41.8	42.8
1980	1.8	1.9	1.8	1.8	1.9	2.2	2.0	2.0	2.2	2.1	1.8	1.4	1.1	1980	40.6	42.1	42.0	41.2	40.3	40.0	39.9	39.3	40.1	40.3	40.4	40.6	41.3
1981		2.1	1.7	1.9										1981		40.8	40.8	40.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.7	.6	.6	.7	.7	.8	.7	1.2	1.1	.8	.6	.4	1977	2.9	2.3	3.1	2.8	3.0	2.9	3.2	1.9	2.9	3.4	3.0	3.1	3.3
1978	.9	.8	.6	.8	.9	.9	.9	.9	1.4	1.4	1.0	.8	.6	1978	2.7	2.4	2.3	2.2	1.7	2.3	3.1	2.5	3.1	3.2	2.9	3.3	3.7
1979	1.1	.9	1.0	1.1	.9	1.0	1.2	1.0	1.8	1.5	1.1	.8	.6	1979	3.3	3.1	3.4	3.3	1.9	2.9	3.3	2.9	3.4	3.6	3.4	3.9	3.9
1980	.9	1.0	.8	1.0	.9	.9	.8	.9	1.3	1.3	.9	.6	.6	1980	2.4	3.6	3.6	3.2	2.4	1.9	1.8	1.7	1.8	2.1	1.9	2.3	2.7
1981		.9	.7	.8										1981		2.3	2.4	1.9									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.3	.4	.4	.4	.3	.3	.2	.5	.3	.3	.3	.4	.2	1977	1.8	1.8	1.6	2.5	1.4	2.4	2.4	1.5	2.1	2.3	1.9	1.2	.8
1978	.2	.2	.2	.3	.4	.3	.3	.4	.2	.1	.2	.1	.1	1978	1.4	1.3	1.0	1.1	.8	1.1	1.8	2.1	1.6	1.7	2.2	1.3	.7
1979	.2	.2	.3	.1	.2	.2	.2	.3	.3	.2	.3	.2	.1	1979	1.7	1.1	2.0	2.0	1.7	1.6	2.5	1.8	1.9	2.0	1.4	1.5	1.1
1980	.4	.3	.2	.2	.4	.7	.6	.6	.3	.4	.4	.5	.1	1980	1.2	1.6	1.9	1.1	1.3	.9	1.7	.9	1.2	1.3	.8	.7	.4
1981		.5	.4	.4										1981		.7	.9	.8									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	147.0	142.0	142.5	142.9	143.6	144.5	146.9	148.0	148.1	149.8	151.2	152.0	152.4	1977	1.3	.8	1.0	1.6	.9	1.6	1.9	1.1	1.6	1.8	1.6	.9	.5
1978	155.0	152.3	152.8	152.8	152.8	152.2	154.1	154.0	154.4	155.9	158.2	159.5	160.6	1978	1.1	.9	.8	.9	.6	1.0	1.5	1.5	1.2	1.3	1.9	1.0	.4
1979	165.4	160.6	160.7	164.4	165.0	164.8	165.6	167.1	166.8	166.9	167.5	167.4	167.7	1979	1.4	.7	1.5	1.4	1.4	1.3	2.2	1.3	1.5	1.6	1.2	1.3	.9
1980	162.9	167.0	167.3	167.9	167.9	166.3	163.9	160.0	160.6	159.1	158.9	158.4	157.6	1980	.9	1.3	1.6	.9	1.0	.6	1.4	.7	.9	.8	.5	.5	.3
1981		158.6	158.2	156.6										1981		.3	.4	.6									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	68.3	64.9	65.4	65.6	66.7	67.3	68.2	68.5	68.5	69.9	71.2	71.7	71.8	1977	.4	.9	.5	.6	.4	.5	.3	.2	.3	.3	.2	.1	.2
1978	73.7	71.5	72.1	72.1	71.4	72.5	72.9	73.4	73.9	74.9	75.7	76.4	77.2	1978	.2	.2	.1	.1	.1	(⁵)	.1	.5	.2	.2	.2	.2	.2
1979	80.5	76.5	76.8	79.5	80.2	80.2	80.7	81.4	81.7	82.0	82.1	82.0	82.5	1979	.2	.3	.3	.4	.1	.1	.1	.4	.2	.1	.1	.1	.1
1980	79.0	82.0	82.5	82.8	82.3	80.9	78.9	77.0	77.3	76.6	76.2	75.9	75.6	1980	.1	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	(⁵)
1981		76.2	76.2	75.4										1981		.3	.4	.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	99.4	96.1	95.9	96.0	96.9	97.5	99.2	99.3	99.4	101.6	103.0	103.8	104.2	1977	1.2	1.0	1.4	1.3	1.0	.8	1.0	1.1	1.5	1.5	1.5	1.4	.9
1978	106.5	104.3	104.9	104.7	104.4	103.9	105.0	105.8	106.4	108.0	109.4	110.4	111.0	1978	1.5	.9	1.2	1.2	1.7	1.7	2.0	1.7	1.7	2.0	1.7	1.0	1.0
1979	115.8	111.3	111.5	115.0	115.7	115.6	116.1	116.9	116.9	117.2	118.0	117.8	117.8	1979	1.2	1.2	1.2	1.1	1.1	1.2	1.3	1.3	1.6	1.6	.9	.6	.6
1980	111.6	117.2	117.6	117.5	117.6	114.7	111.8	107.9	108.6	107.2	107.0	106.2	105.7	1980	1.5	.9	1.2	1.0	1.4	2.4	2.4	1.8	1.6	2.0	1.5	1.2	.8
1981		105.8	105.6	104.4										1981		1.6	1.4	1.5									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	261.25	244.19	258.92	258.32	256.87	257.50	259.78	250.51	258.74	276.22	268.09	268.51	273.46	1977	.5	.4	.4	.5	.4	.4	.5	.4	.8	.6	.6	.3	.3
1978	267.85	259.85	255.98	257.54	252.59	255.98	259.24	254.15	278.29	284.01	278.20	283.91	294.11	1978	.6	.5	.3	.5	.6	.7	.6	.7	.9	.9	.9	.5	.4
1979	309.75	288.05	293.56	294.69	279.03	291.72	298.91	294.89	327.76	335.54	328.72	333.98	344.11	1979	.6	.5	.5	.6	.6	.6	.7	.5	1.2	1.0	.6	.4	.3
1980	334.54	336.80	336.42	331.25	322.80	319.60	321.20	319.12	321.20	342.15	349.06	356.47	366.74	1980	.5	.5	.4	.4	.5	.5	.5	.4	.8	.7	.4	.3	.2
1981		358.63	357.82	354.78										1981		.3	.3	.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.28	6.12	6.15	6.18	6.16	6.19	6.20	6.14	6.19	6.53	6.46	6.47	6.48	1977	.2	.1	.3	.2	.1	(⁵)	(⁵)	.2	.2	.4	.3	.5	.3
1978	6.73	6.48	6.53	6.52	6.51	6.53	6.53	6.50	6.94	7.03	6.99	7.01	7.07	1978	.2	(⁵)	.1	.2	.7	.4	.4	.5	.1	.2	.1	(⁵)	.2
1979	7.50	7.06	7.16	7.17	7.10	7.15	7.22	7.21	7.86	7.97	7.94	7.99	8.04	1979	.1	.3	(⁵)	(⁵)	.1	.1	.1	.3	(⁵)	.1	(⁵)	.1	(⁵)
1980	8.24	8.00	8.01	8.04	8.01	7.99	8.05	8.12	8.01	8.49	8.64	8.78	8.88	1980	.6	.1	.2	.2	.5	1.5	1.4	1.1	.4	.9	.7	.6	.2
1981		8.79	8.77	8.76										1981		.6	.4	.6									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3662—RADIO AND TV COMMUNICATION EQUIPMENT														SIC 3662—RADIO AND TV COMMUNICATION EQUIPMENT (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	314.6	308.8	308.8	309.5	309.4	310.1	314.2	315.0	316.2	316.8	319.2	322.6	324.5	1977	1.5	1.3	1.3	1.4	1.3	1.7	2.2	1.5	1.7	1.8	1.7	1.3	1.0
1978	337.1	326.3	329.3	330.0	331.6	332.3	336.3	338.5	340.4	341.5	343.1	347.0	348.8	1978	2.0	1.7	1.7	2.0	1.9	2.1	2.7	2.0	2.2	2.5	2.4	1.8	1.3
1979	357.3	350.4	350.5	350.8	350.9	352.8	357.0	357.8	356.5	362.1	363.5	366.9	367.9	1979	2.1	2.3	2.0	2.1	1.7	2.2	2.7	2.4	2.1	2.1	2.3	1.6	1.3
1980	376.3	368.9	369.5	370.7	372.0	372.5	376.0	379.0	379.3	378.4	380.9	383.2	384.7	1980	1.8	2.1	1.8	2.2	1.8	2.1	2.7	1.8	1.5	2.2	1.7	1.2	1.1
1981		384.0	383.7	385.1										1981		1.9	1.4	1.7									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	95.7	92.6	90.9	93.3	93.5	94.7	95.3	95.1	96.8	97.2	98.6	99.9	100.8	1977	.3	.3	.4	.3	.2	.3	.3	.3	.4	.3	.3	.1	.1
1978	103.8	100.4	101.1	100.9	101.1	101.4	102.9	102.6	104.2	105.4	106.8	108.8	109.9	1978	.2	.3	.2	.2	.2	.2	.2	.2	.4	.2	.1	.1	.1
1979	116.4	110.7	110.9	111.2	113.6	114.8	116.3	116.6	116.7	119.3	120.9	122.7	123.5	1979	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1
1980	126.6	123.6	124.0	124.4	124.9	124.8	126.1	127.2	127.8	127.3	128.3	129.9	130.7	1980	.2	.2	.2	.2	.1	.1	.2	.2	.1	.1	.2	.2	.1
1981		130.4	130.5	131.5										1981		.2	.1	.2									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	125.5	123.9	123.5	123.8	123.6	124.2	125.9	124.4	125.0	126.0	127.0	129.0	129.6	1977	1.9	2.0	2.1	1.7	1.7	1.8	1.8	2.2	2.5	2.3	1.7	1.6	1.2
1978	134.3	129.1	130.4	130.1	131.2	131.2	133.1	132.3	135.2	136.4	137.5	142.0	143.2	1978	2.0	1.8	2.0	2.0	2.0	1.9	2.0	2.0	2.6	2.5	1.9	1.7	1.3
1979	146.4	143.8	143.4	144.6	144.6	144.8	145.7	145.6	144.9	149.7	148.5	150.1	151.0	1979	2.2	2.0	2.2	2.4	2.0	2.0	2.5	2.2	3.4	2.7	2.3	1.7	1.5
1980	153.4	152.0	151.3	152.5	152.3	152.1	153.4	153.5	153.5	152.5	153.5	156.5	158.2	1980	2.0	2.4	2.0	2.1	2.1	2.1	1.8	2.1	2.4	2.2	1.9	1.5	1.2
1981		157.5	157.8	158.7										1981		2.3	1.8	2.0									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	249.90	239.19	241.98	246.02	241.80	246.44	249.29	244.95	251.74	252.96	256.25	260.19	265.85	1977	.9	.8	.7	.7	.8	.9	1.0	.9	1.4	1.4	.9	.7	.5
1978	275.39	259.43	257.84	270.52	268.55	267.24	272.33	280.14	279.05	283.41	281.82	285.10	292.15	1978	1.1	.9	.8	1.0	1.0	1.0	1.1	1.0	1.6	1.7	1.1	.9	.7
1979	293.04	284.66	286.62	289.54	281.29	287.94	291.92	289.98	288.32	300.12	298.98	305.76	312.06	1979	1.3	1.1	1.2	1.4	1.1	1.2	1.4	1.2	2.1	1.8	1.3	1.0	.8
1980	314.20	304.71	306.27	311.25	307.85	306.28	311.00	308.00	311.92	319.87	320.33	326.33	335.71	1980	1.1	1.2	1.0	1.2	1.1	1.1	1.0	1.1	1.5	1.5	1.1	.7	.7
1981		330.08	332.07	337.79										1981		1.2	.8	.9									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.14	5.95	5.96	6.03	6.03	6.07	6.11	6.17	6.20	6.25	6.30	6.36	6.36	1977	.4	.6	.5	.4	.4	.4	.3	.6	.4	.3	.3	.4	.2
1978	6.62	6.39	6.43	6.55	6.55	6.55	6.61	6.67	6.66	6.70	6.71	6.74	6.81	1978	.2	.3	.3	.3	.3	.2	.2	.4	.3	.1	.2	.2	.1
1979	7.13	6.81	6.89	6.96	6.98	7.04	7.12	7.16	7.19	7.32	7.31	7.35	7.43	1979	.3	.2	.4	.2	.2	.2	.3	.3	.4	.3	.4	.2	.2
1980	7.72	7.45	7.47	7.61	7.62	7.60	7.66	7.70	7.74	7.84	7.89	7.94	8.07	1980	.3	.4	.2	.2	.3	.3	.2	.4	.3	.2	.3	.4	.1
1981		8.11	8.24	8.32										1981		.4	.4	.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 367—ELECTRONIC COMPONENTS AND ACCESSORIES													
1977	40.7	40.2	40.6	40.8	40.1	40.6	40.8	39.7	40.8	40.8	41.0	41.3	41.8	ALL EMPLOYEES—IN THOUSANDS													
1978	41.6	40.6	40.1	41.3	41.0	40.8	41.2	42.0	41.9	42.3	42.0	42.3	42.9	1977	404.7	384.3	387.7	389.5	392.0	395.6	404.1	405.9	413.2	416.8	419.3	422.3	425.2
1979	41.1	41.8	41.6	41.6	40.3	40.9	41.0	40.5	40.1	41.0	40.9	41.6	42.0	1978	457.2	426.2	431.0	436.7	441.6	445.9	459.4	459.9	466.4	470.0	475.7	483.5	489.9
1980	40.7	40.9	41.0	40.9	40.4	40.3	40.6	40.0	40.3	40.8	40.6	41.1	41.6	1979	524.7	493.3	498.4	504.2	509.9	515.0	528.8	530.0	533.7	536.6	542.6	550.0	553.9
1981		40.7	40.3	40.6										1980	558.7	555.3	556.7	559.4	560.9	558.7	563.2	556.0	555.9	555.6	558.3	560.3	564.0
														1981		565.8	564.7	566.0									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.6	2.5	2.4	2.4	2.0	2.3	2.5	2.3	2.6	2.8	2.9	3.0	3.3	1977	211.1	198.4	201.2	202.3	203.4	205.4	210.0	210.0	215.7	218.1	221.1	223.6	224.1
1978	3.0	2.8	3.2	3.1	2.7	2.5	2.7	3.1	3.0	3.3	3.1	3.3	3.4	1978	240.9	225.5	228.1	230.3	233.5	235.6	241.6	239.4	245.1	247.6	250.9	255.4	257.9
1979	2.5	2.6	2.7	2.7	2.2	2.1	2.3	2.4	2.3	2.7	2.6	2.7	2.9	1979	276.4	259.8	262.9	265.7	268.8	271.8	277.7	277.8	280.6	282.2	285.8	289.9	292.5
1980	2.4	2.4	2.6	2.5	2.0	2.0	2.3	2.1	2.3	2.6	2.3	2.6	2.9	1980	288.3	291.6	291.7	292.4	292.8	290.3	291.5	284.4	283.3	283.3	284.8	286.1	287.9
1981		2.3	2.3	2.2										1981		286.6	285.5	286.8									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.2	2.0	2.0	2.1	1.9	2.4	3.0	2.2	2.5	2.6	2.5	1.9	1.5	1977	253.0	239.1	241.3	242.7	243.9	246.6	252.7	252.2	258.4	261.1	263.8	266.2	268.2
1978	2.7	2.5	2.2	2.7	2.6	2.8	3.5	2.6	3.0	3.1	2.9	2.3	1.7	1978	287.3	267.6	271.4	274.2	276.7	279.9	287.1	286.5	292.4	296.0	299.2	305.7	311.2
1979	2.6	2.9	2.6	2.6	2.1	2.6	3.3	2.9	2.6	2.6	2.9	2.0	1.6	1979	329.1	312.8	316.2	317.8	321.3	324.0	332.5	330.2	333.7	334.2	337.3	342.0	347.4
1980	2.3	2.6	2.4	2.7	2.3	2.6	3.4	2.3	1.9	2.6	2.2	1.7	1.5	1980	336.4	346.5	346.1	346.4	344.6	340.8	339.4	329.7	328.6	328.3	326.5	328.9	330.6
1981		2.4	1.8	2.2										1981		329.4	329.6	330.3									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 367—ELECTRONIC COMPONENTS AND ACCESSORIES (Con.)														SIC 367—ELECTRONIC COMPONENTS AND ACCESSORIES (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	178.30	167.91	171.90	172.70	172.18	175.96	181.52	174.60	179.90	183.66	182.34	184.92	190.48	1977	1.9	1.5	1.4	1.7	1.7	1.9	2.2	2.0	3.1	2.5	1.9	1.6	1.2
1978	196.49	186.68	186.51	193.59	192.08	192.96	196.99	195.91	196.31	199.00	200.50	204.82	210.33	1978	2.3	1.8	1.7	2.0	2.0	2.1	2.2	2.1	3.8	3.3	2.5	1.9	1.5
1979	214.40	207.14	208.87	209.79	201.50	208.28	214.77	207.73	212.22	219.20	218.90	226.29	234.93	1979	2.5	2.0	2.0	2.5	2.3	2.5	2.8	2.5	4.0	3.3	2.4	2.0	1.3
1980	239.98	230.62	232.80	234.02	236.61	234.63	238.37	233.40	240.07	243.66	246.09	251.60	258.45	1980	1.8	2.2	1.8	2.0	1.9	1.8	1.9	1.5	2.5	2.0	1.6	1.2	.9
1981		256.16	254.92	257.90										1981		1.5	1.2	1.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.48	4.35	4.33	4.35	4.37	4.41	4.46	4.50	4.52	4.58	4.57	4.60	4.68	1977	.6	.8	1.0	.8	.5	.8	.4	.8	.5	.4	.6	.5	.6
1978	4.90	4.75	4.77	4.78	4.79	4.80	4.84	4.91	4.92	5.00	5.00	5.02	5.13	1978	.4	.6	.4	.4	.4	.5	.5	.8	.5	.4	.3	.3	.2
1979	5.36	5.14	5.17	5.18	5.18	5.22	5.29	5.34	5.40	5.48	5.50	5.56	5.73	1979	.3	.5	.3	.4	.3	.2	.2	.6	.3	.3	.3	.3	.4
1980	6.06	5.78	5.82	5.88	5.93	5.94	6.05	6.11	6.14	6.20	6.23	6.29	6.35	1980	.7	.6	.5	.5	.8	1.1	.8	.9	.8	.7	.9	.5	.5
1981		6.42	6.47	6.48										1981		.9	.8	.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3671-3—ELECTRONIC TUBES													
1977	39.8	38.6	39.7	39.7	39.4	39.9	40.7	38.8	39.8	40.1	39.9	40.2	40.7	ALL EMPLOYEES—IN THOUSANDS													
1978	40.1	39.3	39.1	40.5	40.1	40.2	40.7	39.9	39.9	39.8	40.1	40.8	41.0	1977	40.0	39.3	39.6	39.7	39.7	40.1	40.4	40.6	40.1	40.3	39.9	40.2	40.2
1979	40.0	40.3	40.4	40.5	38.9	39.9	40.6	38.9	39.3	40.0	39.8	40.7	41.0	1978	40.5	39.5	39.8	39.8	40.1	40.3	40.7	40.9	40.8	41.0	41.0	41.3	41.0
1980	39.6	39.9	40.0	39.8	39.9	39.5	39.4	38.2	39.1	39.3	39.5	40.0	40.7	1979	42.2	41.4	41.3	41.5	41.8	42.2	42.6	42.8	42.3	42.6	42.6	43.1	42.6
1981		39.9	39.4	39.8										1980	42.6	42.2	42.1	42.0	42.3	42.4	42.6	42.9	42.8	42.8	42.6	42.8	43.1
														1981		43.2	43.4	43.5									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.3	2.1	2.2	2.1	1.8	2.3	2.5	2.1	2.3	2.6	2.5	2.6	2.9	1977	15.1	14.7	14.9	15.0	15.1	15.1	15.3	15.3	15.1	15.2	15.1	15.2	14.8
1978	2.7	2.4	2.9	2.8	2.6	2.5	2.7	2.5	2.6	2.9	2.8	3.0	3.2	1978	15.5	15.1	15.2	15.2	15.4	15.5	15.7	15.8	15.6	15.7	15.7	15.8	15.7
1979	2.9	2.8	2.9	3.0	2.2	2.7	2.9	2.5	2.7	3.0	3.0	3.3	3.3	1979	16.1	15.7	15.8	15.9	16.0	16.2	16.4	16.3	15.9	16.2	16.1	16.2	16.2
1980	2.5	2.8	2.8	2.8	2.7	2.4	2.2	2.1	2.2	2.4	2.3	2.6	2.7	1980	16.1	16.1	16.1	16.0	16.1	16.1	16.2	16.2	16.2	16.1	16.0	16.0	16.1
1981		2.4	2.2	2.3										1981		16.2	16.4	16.4									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.8	3.5	3.3	3.9	3.4	4.6	5.0	3.9	5.3	4.2	3.7	3.1	2.2	1977	25.2	24.4	24.5	24.6	24.6	25.0	25.4	25.7	25.3	25.7	25.6	26.0	26.0
1978	4.4	3.9	3.4	3.9	3.7	5.2	5.4	4.3	5.6	5.5	5.1	3.9	2.6	1978	26.6	25.7	26.0	26.1	26.4	26.7	27.1	27.1	26.8	27.0	26.8	27.1	26.7
1979	4.4	4.6	3.8	4.3	4.2	5.2	5.5	4.6	4.8	5.2	4.5	3.3	2.8	1979	27.1	27.1	27.0	27.0	27.0	27.2	27.3	27.4	26.9	26.8	27.0	27.1	27.0
1980	3.0	3.7	3.2	3.5	3.0	3.2	3.5	2.8	2.9	3.3	2.7	2.6	1.8	1980	26.6	26.5	26.5	26.4	26.6	26.7	26.8	27.0	26.7	26.7	26.4	26.5	26.7
1981		2.8	2.4	2.9										1981		26.7	26.9	26.9									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.0	2.5	2.2	3.0	2.4	3.7	4.1	2.8	4.0	3.5	3.1	2.5	1.7	1977	238.57	219.35	225.76	230.58	224.95	231.42	239.38	236.59	246.08	253.58	248.26	248.67	253.73
1978	3.6	3.1	2.7	3.3	3.1	4.4	4.5	3.4	4.6	4.7	4.3	3.3	2.2	1978	259.56	251.64	244.82	256.52	262.12	258.83	260.53	255.64	253.37	260.00	263.96	270.07	272.43
1979	3.8	3.9	3.2	3.6	3.7	4.5	4.8	3.8	4.1	4.6	4.0	2.9	2.2	1979	280.80	269.00	267.49	273.31	270.35	273.41	280.14	276.34	273.38	288.84	286.47	295.94	310.74
1980	2.4	3.2	2.8	3.0	2.5	2.5	2.8	1.9	2.1	2.6	2.2	2.0	1.3	1980	315.17	304.26	303.36	310.73	323.64	308.16	308.59	303.11	309.61	320.02	321.77	326.88	337.50
1981		1.9	1.8	2.2										1981		334.36	327.95	330.84									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.5	.7	.8	.6	.6	.6	.5	.6	.9	.3	.3	.3	.3	1977	5.64	5.47	5.44	5.49	5.50	5.51	5.58	5.66	5.67	5.75	5.76	5.81	5.97
1978	.4	.5	.3	.4	.4	.4	.5	.6	.6	.5	.4	.4	.3	1978	6.18	6.02	6.03	6.05	6.11	6.09	6.13	6.16	6.21	6.25	6.33	6.31	6.41
1979	.3	.3	.3	.3	.2	.4	.4	.5	.4	.3	.3	.2	.3	1979	6.75	6.42	6.43	6.57	6.61	6.62	6.67	6.74	6.75	6.91	6.97	7.08	7.16
1980	.4	.3	.2	.3	.3	.4	.4	.6	.6	.5	.4	.5	.3	1980	7.54	7.21	7.24	7.26	7.44	7.39	7.49	7.54	7.57	7.73	7.81	7.82	7.96
1981		.6	.4	.5										1981		7.98	7.96	8.03									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.4	3.3	3.2	3.6	3.1	3.5	3.5	3.8	4.6	3.9	3.4	2.9	2.6	1977	42.3	40.1	41.5	42.0	40.9	42.0	42.9	41.8	43.4	44.1	43.1	42.8	42.5
1978	3.7	3.4	3.0	3.3	3.4	3.6	3.8	4.0	5.4	4.9	3.9	3.1	2.5	1978	42.0	41.8	40.6	42.4	42.9	42.5	42.5	41.5	40.8	41.6	41.7	42.8	42.5
1979	3.8	3.6	3.2	3.9	3.6	3.7	4.0	4.0	5.5	4.7	3.6	3.1	2.4	1979	41.6	41.9	41.6	41.6	40.9	41.3	42.0	41.0	40.5	41.8	41.1	41.8	43.4
1980	3.3	3.7	3.1	3.5	3.5	3.8	3.6	3.3	4.3	3.6	3.3	2.3	1.9	1980	41.8	42.2	41.9	42.8	43.5	41.7	41.2	40.2	40.9	41.4	41.2	41.8	42.4
1981		3.2	2.7	2.9										1981		41.9	41.2	41.2									

See footnotes at end of tables.

MANUFACTURING

SIC 3674

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3671-3—ELECTRONIC TUBES (Con.)														SIC 3674—SEMICONDUCTORS AND RELATED DEVICES (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.1	1.1	1.7	2.1	1.4	2.4	2.8	1.6	1.7	2.9	2.4	2.7	2.8	1977	70.5	65.5	66.2	66.5	66.9	67.7	69.6	71.2	73.0	73.8	75.1	75.7	75.0
1978	2.4	2.2	2.7	2.7	2.4	2.2	2.7	2.1	1.9	2.4	2.1	2.6	2.7	1978	81.3	74.9	74.9	75.9	78.5	79.6	81.2	81.4	83.0	83.8	85.8	87.8	88.9
1979	2.1	2.0	2.0	2.2	1.8	1.9	2.3	1.9	2.0	2.4	2.1	2.6	2.6	1979	95.9	89.1	89.5	91.0	92.0	92.9	95.5	96.9	97.9	98.6	100.8	102.7	104.4
1980	2.4	2.6	2.5	2.9	2.7	2.3	2.3	2.1	2.0	2.4	2.2	2.6	2.7	1980	107.5	105.1	104.6	105.6	106.7	107.0	108.8	109.0	108.1	107.2	108.6	109.1	109.9
1981		2.4	2.1	2.3										1981		108.6	107.7	108.1									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.8	3.0	2.7	2.5	2.9	4.2	3.4	1.4	4.4	3.4	2.7	2.2	.9	1977	69.6	65.7	65.9	65.8	65.9	66.9	68.8	70.4	72.2	72.5	73.5	73.8	73.2
1978	2.9	2.7	2.9	2.3	2.9	3.4	2.8	2.5	4.1	4.1	3.0	2.4	1.7	1978	79.2	72.3	72.1	73.0	74.4	76.2	78.4	79.0	81.0	82.3	84.5	87.7	89.9
1979	2.5	3.5	2.0	2.3	3.1	3.2	3.0	1.8	3.1	2.2	3.3	1.6	1.5	1979	94.3	89.8	90.4	90.8	91.7	91.8	93.7	94.3	95.0	95.8	97.2	98.7	101.9
1980	1.8	2.1	1.9	1.9	1.6	1.6	2.4	1.5	2.4	1.9	1.5	1.7	1.4	1980	100.6	102.6	102.1	102.2	102.5	102.6	101.8	100.7	99.9	99.0	97.0	97.9	98.9
1981		2.4	1.6	2.1										1981		98.0	97.6	97.6									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.6	2.0	1.2	1.4	1.5	2.0	2.0	.8	1.8	2.6	1.7	1.3	.8	1977	201.80	191.20	195.51	195.60	196.21	200.07	212.27	190.89	199.80	206.15	203.41	208.69	217.35
1978	1.8	1.3	1.9	1.6	1.9	2.2	1.8	1.7	1.8	2.9	2.0	1.4	1.0	1978	222.50	212.53	211.58	220.42	215.02	215.42	222.91	218.69	224.27	228.33	226.70	229.50	239.67
1979	1.7	2.7	1.4	1.3	1.9	2.1	1.9	1.2	1.5	1.5	2.7	1.2	.8	1979	246.38	234.58	240.66	239.25	226.86	238.05	250.16	230.44	247.65	254.62	250.72	258.54	275.14
1980	1.2	1.6	1.2	1.4	1.0	1.1	1.9	.9	1.1	1.4	1.1	1.1	.8	1980	273.88	266.09	271.51	271.06	269.73	264.40	271.07	258.06	272.35	276.19	280.00	288.56	298.69
1981		.9	.9	1.2										1981		292.90	295.73	295.00									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.6	.6	.8	.3	.7	1.4	.4	.1	1.9	.2	.3	.4	(^b)	1977	5.02	4.89	4.90	4.89	4.93	4.94	5.03	5.05	5.02	5.09	5.06	5.09	5.25
1978	.4	.7	.3	.3	.3	.2	.2	.2	1.4	.4	.1	.1	.1	1978	5.44	5.34	5.37	5.35	5.27	5.28	5.32	5.36	5.47	5.61	5.57	5.53	5.72
1979	.3	.2	.2	.6	.1	.4	.2	.2	1.0	.1	.2	.1	.2	1979	5.98	5.68	5.73	5.71	5.70	5.75	5.90	5.97	6.13	6.18	6.13	6.20	6.52
1980	.2	.2	.3	.1	.1	.1	.2	.1	.8	.2	.2	.2	.3	1980	6.83	6.49	6.59	6.66	6.66	6.66	6.88	6.90	6.93	7.01	7.00	7.09	7.18
1981		.8	.4	.4										1981		7.25	7.32	7.32									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.5	2.5	2.2	2.8	2.6	2.8	2.5	3.2	2.7	3.3	2.3	1.8	1.7	1977	40.2	39.1	39.9	40.0	39.8	40.5	42.2	37.8	39.8	40.5	40.2	41.0	41.4
1978	2.6	2.0	2.5	2.0	2.4	2.7	2.5	3.4	3.7	3.6	2.5	2.0	1.9	1978	40.9	39.8	39.4	41.2	40.8	40.8	41.9	40.8	41.0	40.7	40.7	41.5	41.9
1979	2.3	2.8	1.6	1.7	2.4	2.5	2.7	2.5	2.5	2.6	2.1	1.9	2.2	1979	41.2	41.3	42.0	41.9	39.8	41.4	42.4	38.6	40.4	41.2	40.9	41.7	42.2
1980	2.2	2.3	2.0	2.1	2.0	1.9	2.4	2.5	2.4	2.4	2.4	2.3	1.9	1980	40.1	41.0	41.2	40.7	40.5	39.7	39.4	37.4	39.3	39.4	40.0	40.7	41.6
1981		2.4	2.1	2.4										1981		40.4	40.4	40.3									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.9	.5	.6	.5	.6	.7	.6	1.6	1.9	.8	.6	.7	1977	2.9	2.7	2.6	2.4	2.0	2.9	3.3	2.5	2.8	3.1	3.1	3.6	3.6
1978	1.0	.7	1.0	1.0	1.0	1.2	1.1	.9	1.6	1.6	.9	.7	.8	1978	3.4	2.9	3.7	3.5	3.2	2.9	3.0	2.8	3.2	4.1	3.6	3.8	4.0
1979	1.0	1.2	.6	.8	.8	.9	1.1	.7	1.5	1.5	1.3	.9	.6	1979	3.8	3.6	3.9	3.7	2.9	3.6	3.7	3.0	3.6	4.1	3.9	4.3	4.6
1980	.9	1.1	.6	.9	.9	.6	1.1	.7	1.4	1.1	.8	.7	.6	1980	3.1	3.7	3.9	3.5	3.4	2.8	2.5	2.2	2.8	2.9	2.7	3.0	3.2
1981		.7	.7	.6										1981		2.7	2.6	2.6									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	.7	.5	.7	1.2	.9	.5	1.7	.4	.2	.5	.4	.6	1977	2.6	2.0	1.8	2.6	2.1	3.1	4.0	3.6	4.4	2.3	2.2	2.1	1.4
1978	.4	.4	.2	.3	.2	.2	.2	1.3	.7	.5	.2	.3	.2	1978	3.2	2.2	2.4	3.2	2.2	4.1	4.9	3.2	3.4	4.2	3.9	2.7	2.0
1979	.4	.2	.3	.3	.3	.4	.1	1.0	.3	.2	.2	.3	.6	1979	3.4	3.1	2.5	3.3	3.1	4.0	4.6	3.7	3.2	4.3	3.7	2.8	2.5
1980	.6	.5	.8	.2	.4	.7	.6	.9	.4	.4	.7	1.1	.6	1980	2.4	2.9	2.6	3.1	2.7	3.1	3.1	2.1	1.6	2.5	2.1	1.9	1.3
1981		.8	.9	.5										1981		1.9	1.8	2.3									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	147.5	140.1	140.6	140.7	141.7	142.8	146.2	149.6	152.3	153.6	153.7	154.6	154.3	1977	1.9	1.5	1.3	1.9	1.3	2.5	3.2	2.3	3.0	1.8	1.8	1.7	.9
1978	168.9	154.3	154.8	156.9	160.6	163.2	169.7	171.7	173.9	175.0	178.6	182.6	185.9	1978	2.7	1.7	1.8	2.8	1.7	3.6	4.3	2.7	3.0	3.5	3.3	2.2	1.7
1979	201.1	186.8	188.0	191.2	193.2	194.6	200.4	203.9	204.5	207.6	211.3	214.5	216.6	1979	3.0	2.6	2.1	2.8	2.7	3.6	4.1	3.3	2.7	3.8	3.3	2.4	2.1
1980	226.9	218.5	219.4	221.4	223.5	224.7	228.7	229.9	229.7	228.7	231.6	232.5	234.6	1980	2.0	2.5	2.3	2.7	2.3	2.7	2.7	1.7	1.2	2.0	1.8	1.5	1.0
1981		236.0	234.5	234.1										1981		1.5	1.5	2.0									

See footnotes at end of tables.

SIC 3674
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3674—SEMICONDUCTORS AND RELATED DEVICES (Con.)														SIC 3679—ELECTRONIC COMPONENTS, NEC (Con.)													
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	0.5	0.3	0.3	0.4	0.6	0.4	0.6	0.6	1.1	0.3	0.2	0.3	0.3	1977	4.16	4.00	3.99	4.03	4.04	4.09	4.12	4.17	4.20	4.27	4.27	4.29	4.35
1978	.3	.3	.3	.1	.3	.3	.3	.2	.2	.5	.4	.4	.2	1978	4.60	4.42	4.45	4.48	4.52	4.52	4.57	4.65	4.62	4.68	4.67	4.73	4.82
1979	.2	.2	.2	.3	.2	.2	.3	.2	.2	.3	.2	.2	.2	1979	5.03	4.83	4.87	4.88	4.86	4.91	4.98	5.02	5.05	5.12	5.18	5.24	5.37
1980	.2	.2	.1	.2	.2	.2	.2	.2	.2	.3	.2	.3	.2	1980	5.68	5.45	5.45	5.55	5.59	5.61	5.69	5.71	5.74	5.78	5.82	5.87	5.91
1981		.2	.2	.2										1981		5.98	6.02	6.04									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.2	1.7	1.9	2.5	1.9	1.8	2.4	2.9	2.9	2.3	2.1	2.0	1.7	1977	39.4	38.3	39.3	39.1	39.0	39.6	40.0	38.9	39.4	39.4	39.4	39.6	40.5
1978	2.5	2.3	1.9	2.1	2.5	2.5	2.5	2.7	3.4	3.7	2.4	2.0	1.9	1978	39.8	39.0	38.8	40.1	39.6	39.9	40.3	39.8	39.4	39.2	39.8	40.6	40.8
1979	2.7	2.3	2.2	2.9	2.3	2.7	3.0	2.6	3.5	3.7	2.7	2.2	1.7	1979	39.6	39.8	39.9	40.2	38.6	39.5	39.9	39.1	39.0	39.3	39.2	40.3	40.4
1980	2.3	2.4	2.3	2.5	2.1	2.7	2.8	2.2	3.1	2.9	2.2	1.4	1.1	1980	39.5	39.3	39.5	39.3	39.4	39.6	39.6	38.9	39.2	39.5	39.5	40.0	40.3
1981		2.0	2.0	2.1										1981		39.6	39.1	39.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.1	.9	.9	1.0	1.0	1.2	1.5	1.4	1.6	1.3	1.1	1.0	.6	1977	2.2	2.1	2.2	2.2	1.9	2.2	2.2	2.2	2.1	2.4	2.3	2.3	2.7
1978	1.4	1.0	1.0	1.2	1.1	1.2	1.3	1.3	2.1	2.1	1.5	1.2	1.1	1978	2.7	2.2	2.7	2.6	2.5	2.5	2.7	2.5	2.5	2.6	2.7	3.0	3.2
1979	1.6	1.0	1.2	1.6	1.4	1.7	1.9	1.7	2.1	2.5	1.7	1.3	.9	1979	2.7	2.7	2.9	3.0	2.1	2.6	2.8	2.4	2.5	2.7	2.8	3.2	2.9
1980	1.3	1.4	1.3	1.5	1.2	1.4	1.5	1.1	1.8	1.5	1.2	.8	.6	1980	2.4	2.5	2.4	2.7	2.4	2.3	2.3	2.1	2.2	2.4	2.4	2.6	2.7
1981		1.1	.9	1.2										1981		2.4	2.3	2.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.3	.2	.4	.6	.2	(¹)	.2	.4	.4	.3	.3	.3	.4	1977	4.6	4.4	4.3	4.7	4.3	5.1	5.8	4.3	5.7	5.5	4.8	3.7	2.8
1978	.3	.5	.1	.3	.5	.4	.2	.1	.5	.4	.1	.1	.1	1978	5.3	5.0	4.0	4.5	4.9	5.7	5.7	5.3	7.4	6.6	6.2	4.9	3.2
1979	.2	.3	.2	.3	.1	.1	.1	.1	.3	.2	.2	.1	.1	1979	5.2	5.7	4.8	5.2	5.2	5.9	6.1	5.7	5.9	6.1	5.2	3.8	2.9
1980	.3	.1	.2	.1	.2	.5	.5	.3	.4	.6	.4	.1	.1	1980	3.6	4.3	3.8	3.9	3.3	3.2	4.1	3.5	4.0	4.3	3.4	3.2	2.3
1981		.2	.3	.2										1981		3.3	2.9	3.3									
SIC 3679—ELECTRONIC COMPONENTS, NEC														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	3.8	3.4	3.0	3.8	3.5	4.4	5.0	3.6	4.8	4.8	4.2	3.1	2.3
1977	158.0	149.9	151.6	152.7	153.3	154.6	157.5	156.5	159.9	161.9	164.3	165.9	168.2	1978	4.5	4.1	3.4	3.8	4.2	4.9	5.0	4.1	6.4	6.0	5.4	4.4	2.7
1978	180.9	169.5	172.3	175.0	176.2	176.9	181.6	180.5	183.8	185.6	187.1	189.6	192.6	1979	4.6	5.0	4.2	4.6	4.7	5.1	5.4	4.6	5.3	5.5	4.7	3.3	2.4
1979	206.3	194.2	196.9	198.6	200.9	203.8	209.0	207.2	210.2	210.1	212.4	215.3	216.7	1980	2.9	3.7	3.3	3.4	2.8	2.5	3.2	2.3	3.2	3.4	2.8	2.5	1.7
1980	215.3	216.7	217.3	218.2	217.7	215.1	216.0	212.5	212.4	213.2	213.9	214.8	215.9	1981		2.4	2.2	2.5									
1981		216.0	216.4	217.3																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	85.3	80.9	82.0	82.5	82.3	83.2	84.4	83.2	85.9	87.6	89.1	90.7	91.6	1977	.5	.8	1.1	.6	.6	.5	.5	.4	.6	.4	.3	.4	.3
1978	98.4	92.7	94.2	94.7	95.5	95.6	98.4	96.9	100.2	101.5	102.5	103.9	105.1	1978	.4	.5	.3	.5	.4	.4	.4	.9	.6	.3	.5	.3	.3
1979	112.5	106.2	107.8	108.5	109.7	111.7	114.3	112.6	114.1	114.6	115.8	117.5	117.7	1979	.4	.4	.3	.3	.2	.5	.4	.9	.4	.3	.3	.3	.3
1980	114.8	116.5	117.2	117.4	116.8	115.1	115.1	111.9	111.6	112.7	113.4	114.5	115.1	1980	.5	.4	.3	.2	.3	.4	.6	1.0	.6	.6	.4	.5	.4
1981		114.9	114.6	115.2										1981		.7	.5	.6									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	110.8	105.0	106.1	107.1	107.3	108.1	110.1	108.6	111.8	113.8	115.8	117.2	118.8	1977	4.4	4.4	4.5	4.3	4.3	4.8	4.4	4.1	5.6	4.9	4.2	3.6	3.2
1978	127.6	119.0	121.6	122.8	124.0	124.2	127.1	126.7	130.1	131.7	132.4	134.5	137.6	1978	4.5	4.4	3.6	4.1	4.1	3.9	4.5	4.8	6.7	5.8	5.2	4.1	3.0
1979	147.0	138.5	140.6	141.4	143.1	145.2	149.2	146.7	149.7	149.6	151.3	153.8	155.3	1979	4.6	4.5	4.1	4.9	4.5	4.4	4.7	5.1	6.8	5.5	4.1	3.9	2.8
1980	150.7	154.5	154.9	155.0	153.5	150.8	150.6	146.7	146.6	147.2	148.5	149.8	150.4	1980	4.0	4.6	3.8	4.4	4.6	4.5	3.9	3.8	5.1	4.2	3.9	2.8	2.4
1981		150.2	150.7	151.1										1981		4.3	2.9	3.5									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	163.90	153.20	156.81	157.57	157.56	161.96	164.80	162.21	165.48	168.24	168.24	169.88	176.18	1977	2.5	2.0	1.8	2.3	2.6	2.4	2.8	2.6	4.1	3.4	2.6	2.2	1.7
1978	183.08	172.38	172.66	179.65	178.99	180.35	184.17	185.07	182.03	183.46	185.87	192.04	196.66	1978	3.0	2.6	2.1	2.7	2.8	2.5	2.9	2.8	5.0	4.4	3.5	2.5	1.9
1979	199.19	192.23	194.31	196.18	187.60	193.95	198.70	196.28	196.95	201.22	203.06	211.17	216.95	1979	3.2	2.7	2.7	3.4	3.1	3.1	3.5	3.2	5.3	4.2	3.0	2.6	1.6
1980	224.36	214.19	215.28	218.12	220.25	222.16	225.32	222.12	225.01	228.31	229.89	234.80	238.17	1980	2.2	2.8	2.3	2.4	2.4	2.1	2.1	1.8	3.2	2.4	2.0	1.6	1.2
1981		236.81	235.38	239.18										1981		1.8	1.4	1.7									

See footnotes at end of tables.

MANUFACTURING

SIC 3691

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3679—ELECTRONIC COMPONENTS, NEC (Con.)														SIC 369—MISC. ELECTRICAL EQUIPMENT AND SUPPLIES (Con.)													
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	0.8	1.4	1.8	1.0	0.7	1.5	0.5	0.7	0.5	0.4	0.6	0.4	0.6	1977	3.1	2.1	2.7	2.7	2.7	3.0	3.7	3.3	4.9	3.6	3.5	2.5	1.9
1978	.5	.7	.6	.3	.3	.4	.5	1.0	.5	.3	.5	.5	.3	1978	3.3	3.3	2.7	3.0	3.6	3.9	3.6	3.5	4.2	3.7	4.1	2.3	1.8
1979	.4	.6	.3	.4	.4	.2	.2	1.0	.3	.2	.2	.5	.5	1979	2.7	3.4	2.4	2.5	2.7	2.8	2.8	3.3	3.4	3.0	2.5	2.2	1.7
1980	.9	.8	.7	.9	1.2	1.4	.9	1.2	1.0	.9	1.1	.7	.6	1980	2.9	3.0	2.0	2.8	1.9	2.1	2.3	3.8	4.3	4.3	3.6	3.1	1.6
1981		1.7	.7	1.0										1981		2.3	2.3	2.7									
SIC 369—MISC. ELECTRICAL EQUIPMENT AND SUPPLIES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.1	1.4	1.4	1.6	1.7	2.0	2.8	2.2	3.5	3.0	2.8	1.9	1.2
1977	151.4	147.8	145.8	146.1	145.9	147.7	150.1	150.0	150.3	155.9	157.4	159.2	160.1	1978	2.4	2.3	2.0	1.8	2.2	2.9	3.0	2.2	3.3	3.1	3.3	1.8	1.3
1978	166.2	159.4	159.5	159.9	162.6	164.6	162.5	162.3	165.3	170.7	173.4	176.4	178.3	1979	1.8	2.4	1.9	1.8	1.6	1.8	2.1	1.9	2.3	2.0	1.9	1.4	.9
1979	174.3	178.8	179.1	180.6	178.8	177.5	178.0	168.8	168.9	173.7	172.3	166.3	168.9	1980	1.3	1.4	1.1	1.2	1.0	.8	1.1	1.1	1.4	1.9	1.7	1.6	.9
1980	158.6	163.9	159.6	162.5	156.4	151.1	148.6	144.9	155.3	160.0	163.7	168.0	168.6	1981		1.2	1.0	1.1									
1981		166.6	165.4	165.2																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	51.0	49.0	48.7	48.1	49.1	49.6	50.6	50.7	51.3	52.9	53.1	54.0	54.4	1977	.4	.5	.4	.5	.5	.5	.4	.5	.8	.3	.3	.3	.2
1978	57.2	53.8	54.1	54.6	55.7	56.9	56.7	56.0	57.7	58.9	59.8	60.8	61.2	1978	.4	.5	.5	.7	.7	.5	.3	.6	.4	.3	.3	.3	.2
1979	59.6	61.5	61.4	62.1	61.6	61.0	61.6	58.5	57.6	58.8	58.3	56.1	56.8	1979	.6	.6	.2	.4	.9	.4	.4	1.2	.7	.6	.3	.5	.6
1980	54.0	55.0	54.2	56.2	53.9	51.2	50.8	49.4	52.5	53.9	56.0	57.6	57.8	1980	1.1	1.1	.5	1.0	.7	1.0	.9	2.5	2.1	1.2	1.1	1.2	.5
1981		57.1	57.2	57.7										1981		.8	1.0	1.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	116.4	114.3	113.2	113.2	112.4	113.6	115.2	114.5	114.2	119.6	120.9	122.9	123.2	1977	2.8	2.9	2.6	2.3	2.7	2.6	2.8	3.2	4.2	3.0	2.7	2.4	2.1
1978	125.6	122.0	121.6	121.6	123.5	125.3	122.2	120.6	123.4	128.4	130.8	133.4	134.5	1978	3.0	3.8	3.3	2.7	2.6	2.6	3.2	3.2	3.4	3.2	3.2	2.4	2.1
1979	128.9	134.5	134.2	135.0	133.3	131.6	131.9	122.9	122.9	128.3	127.0	121.2	124.0	1979	3.5	3.4	2.7	3.0	3.1	2.6	2.9	5.1	4.6	3.8	3.2	4.1	3.5
1980	113.9	119.2	115.6	118.1	112.7	107.3	104.7	100.6	110.3	114.6	118.3	122.3	122.8	1980	3.6	5.0	3.8	3.0	5.1	5.1	4.6	3.3	3.3	2.9	2.4	2.1	2.3
1981		121.2	120.1	119.5										1981		4.0	3.7	2.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	270.67	245.35	256.67	255.44	260.62	262.70	275.20	271.05	283.53	282.25	277.13	281.47	291.72	1977	1.2	.9	.9	.9	1.0	1.0	1.3	1.3	2.4	1.7	1.4	1.1	.9
1978	284.26	270.52	270.14	268.54	272.02	278.94	281.95	284.61	283.44	294.65	294.69	295.10	314.81	1978	1.5	1.3	1.2	1.2	1.3	1.4	1.8	1.5	2.2	1.9	1.7	1.1	1.1
1979	299.22	301.35	296.21	298.70	274.77	301.92	301.25	295.20	294.74	300.85	306.06	302.40	315.05	1979	1.3	1.4	1.1	1.4	1.3	1.3	1.4	1.2	2.1	1.7	1.1	1.0	.7
1980	320.00	297.47	297.94	304.56	303.03	301.08	307.72	302.13	316.79	331.68	341.85	355.21	368.88	1980	.9	.9	.9	.9	.8	.8	.8	.8	1.3	1.0	.9	.8	.6
1981		351.14	333.13	342.45										1981		.9	.8	.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.46	6.18	6.17	6.17	6.28	6.33	6.46	6.50	6.64	6.61	6.63	6.67	6.80	1977	.6	1.1	1.0	.6	.5	.7	.5	.8	.3	.4	.3	.4	.5
1978	6.95	6.78	6.72	6.68	6.70	6.82	6.86	7.01	6.93	7.10	7.17	7.18	7.39	1978	.6	1.6	1.2	.5	.5	.3	.5	.5	.2	.4	.5	.6	.3
1979	7.37	7.35	7.26	7.25	7.10	7.40	7.42	7.38	7.35	7.41	7.52	7.43	7.61	1979	1.2	.9	.7	.6	1.0	.4	.7	2.2	1.4	1.1	1.2	2.4	2.2
1980	8.02	7.55	7.62	7.73	7.75	7.72	7.83	7.93	8.02	8.21	8.42	8.58	8.70	1980	1.9	3.2	2.0	1.3	3.5	3.5	3.2	1.8	1.2	1.0	.7	.7	1.1
1981		8.67	8.52	8.54										1981		2.3	2.1	1.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3691—STORAGE BATTERIES													
ALL EMPLOYEES—IN THOUSANDS														1977	27.1	27.2	25.9	26.2	25.3	25.1	26.7	26.3	26.6	28.0	28.9	29.4	29.8
1977	41.9	39.7	41.6	41.4	41.5	41.5	42.6	41.7	42.7	42.7	41.8	42.2	42.9	1978	30.4	29.9	29.9	29.7	29.7	30.1	29.7	28.9	30.1	31.1	31.6	32.0	32.3
1978	40.9	39.9	40.2	40.2	40.6	40.9	41.1	40.6	40.9	41.5	41.1	41.1	42.6	1979	31.5	32.3	32.1	32.0	31.7	31.7	31.3	28.5	31.2	32.0	31.9	31.7	31.5
1979	40.6	41.0	40.8	41.2	38.7	40.8	40.6	40.0	40.1	40.6	40.7	40.7	41.4	1980	29.8	30.5	27.7	29.8	29.1	27.5	27.9	25.8	28.9	31.1	32.2	33.4	33.7
1980	39.9	39.4	39.1	39.4	39.1	39.0	39.3	38.1	39.5	40.4	40.6	41.4	42.4	1981		32.8	32.1	31.1									
1981		40.5	39.1	40.1																							
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.3	4.1	4.0	3.8	4.2	3.9	4.2	3.9	5.7	4.9	4.3	4.3	4.3	1977	21.6	21.7	20.5	20.8	20.1	19.7	21.0	20.5	20.9	22.3	23.3	23.9	24.1
1978	3.8	4.0	4.0	3.5	3.3	3.7	3.5	3.6	3.7	4.4	4.0	3.9	4.0	1978	24.2	24.2	24.1	23.9	23.8	24.0	23.5	22.3	23.6	24.5	25.1	25.7	25.8
1979	2.8	3.9	3.6	3.4	1.7	3.4	2.9	2.1	2.3	2.6	2.7	2.4	2.0	1979	25.1	25.7	25.5	25.4	25.3	25.3	25.0	22.1	24.8	25.7	25.6	25.4	25.2
1980	2.0	1.6	1.5	1.7	1.3	1.2	1.2	1.0	1.7	2.5	2.7	3.4	3.4	1980	23.2	24.2	21.4	22.8	22.6	21.0	21.4	19.3	22.5	24.4	25.5	26.6	26.8
1981		2.8	2.0	2.2										1981		26.1	25.2	23.9									

See footnotes at end of tables.

SIC 3691
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3691—STORAGE BATTERIES (Con.)														SIC 3694—ENGINE ELECTRICAL EQUIPMENT (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	286.02	266.70	268.81	268.55	264.77	274.78	287.47	277.12	290.17	305.55	305.55	305.27	305.06	1977	7.26	6.86	6.82	6.89	7.05	7.11	7.32	7.35	7.58	7.42	7.47	7.49	7.65
1978	293.53	294.20	270.12	279.07	272.56	280.55	285.60	287.52	302.10	311.53	313.96	306.71	316.09	1978	7.79	7.64	7.63	7.56	7.55	7.68	7.72	7.82	7.64	7.88	7.95	7.98	8.23
1979	295.32	301.02	295.80	287.83	259.18	287.39	291.21	284.99	305.72	311.13	311.66	304.91	300.13	1979	8.13	8.19	8.09	8.05	7.80	8.24	8.25	8.09	8.02	8.08	8.24	8.15	8.39
1980	314.82	293.31	292.55	285.34	285.38	291.06	297.56	287.23	320.39	332.48	344.44	359.13	359.54	1980	8.94	8.30	8.44	8.67	8.65	8.54	8.72	8.96	8.97	9.16	9.39	9.52	9.68
1981		350.02	322.37	321.01										1981		9.62	9.47										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	6.56	6.29	6.31	6.26	6.38	6.42	6.46	6.49	6.64	6.76	6.76	6.86	6.84	1977	41.9	38.6	41.6	41.1	41.8	41.6	43.1	42.3	43.9	42.7	41.2	41.9	43.2
1978	7.09	6.89	6.77	6.79	6.78	6.91	7.00	7.17	7.21	7.33	7.37	7.32	7.42	1978	40.7	39.4	39.8	39.2	40.5	41.1	41.2	41.0	40.8	41.2	40.4	40.6	42.6
1979	7.42	7.36	7.25	7.25	7.14	7.35	7.41	7.48	7.53	7.57	7.62	7.51	7.56	1979	40.5	40.8	40.3	41.2	38.7	41.3	40.8	40.7	39.8	40.2	40.5	40.0	41.5
1980	7.93	7.54	7.54	7.45	7.61	7.70	7.81	7.68	7.95	8.07	8.34	8.49	8.52	1980	39.4	38.5	38.5	38.9	38.8	38.6	39.0	37.3	38.6	39.7	40.2	41.0	42.5
1981		8.60	8.33	8.21										1981		40.5	38.3	39.7									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	43.6	42.4	42.6	42.9	41.5	42.8	44.5	42.7	43.7	45.2	45.2	44.5	44.6	1977	4.9	4.3	4.1	3.9	4.8	4.4	4.9	4.9	7.9	5.8	4.7	4.7	4.5
1978	41.4	42.7	39.9	41.1	40.2	40.6	40.8	40.1	41.9	42.5	42.6	41.9	42.6	1978	4.1	4.6	4.4	4.0	3.9	4.6	4.1	4.4	3.7	4.6	3.8	3.9	3.7
1979	39.8	40.9	40.8	39.7	36.3	39.1	39.3	38.1	40.6	41.1	40.9	40.6	39.7	1979	2.6	3.9	3.5	3.5	1.5	4.0	3.2	2.1	1.6	1.9	2.2	1.7	1.2
1980	39.7	38.9	38.8	38.3	37.5	37.8	38.1	37.4	40.3	41.2	41.3	42.3	42.2	1980	1.7	.9	1.1	1.4	1.1	.9	.7	.7	1.2	2.2	2.4	3.4	3.3
1981		40.7	38.7	39.1										1981		2.8	1.8	2.1									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	5.2	5.7	5.6	4.8	4.9	5.0	4.8	3.9	4.9	5.7	5.7	5.2	5.4	1977	2.9	2.1	2.5	2.3	3.0	2.8	3.7	3.0	4.2	3.5	3.6	2.6	1.8
1978	4.3	5.0	4.1	3.3	2.9	3.3	3.6	3.4	5.1	5.5	5.4	5.1	5.0	1978	3.0	3.1	3.0	2.3	3.4	4.1	3.3	2.5	3.3	3.4	4.2	2.0	1.6
1979	3.1	4.4	3.9	3.1	1.5	2.8	2.8	2.5	3.6	4.0	3.6	2.6	2.2	1979	2.3	3.8	1.9	2.0	2.5	2.4	2.3	2.8	2.5	1.9	1.8	1.9	1.2
1980	2.2	1.9	1.3	1.1	.6	.7	.8	1.2	2.0	3.0	3.9	4.3	3.8	1980	2.9	3.5	1.9	3.0	1.3	1.4	1.7	2.7	4.7	5.3	3.8	3.5	1.5
1981		3.1	1.4	1.5										1981		2.4	2.5	3.0									
SIC 3694—ENGINE ELECTRICAL EQUIPMENT														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.9	1.2	1.2	1.1	1.5	1.6	2.8	2.3	3.0	2.9	2.8	1.8	1.1
1977	73.8	73.7	72.6	72.0	72.0	73.2	73.0	72.6	72.0	75.5	75.3	76.5	76.8	1978	2.2	2.2	2.1	1.3	1.9	3.0	2.8	1.9	2.6	2.7	3.4	1.5	1.2
1978	81.1	75.9	75.4	75.1	77.2	78.9	78.8	79.7	81.0	84.8	86.9	88.7	90.4	1979	1.3	2.6	1.5	1.3	.9	1.0	1.4	1.3	1.5	1.1	1.1	.8	.5
1979	86.8	91.1	92.1	90.7	90.7	90.0	90.3	85.4	82.7	85.1	83.9	78.1	80.8	1980	.9	.9	.7	.8	.5	.4	.6	.5	.9	1.4	1.2	1.5	.7
1980	74.2	77.2	76.4	77.6	72.7	69.7	67.2	66.2	71.9	74.6	76.8	80.1	80.4	1981		1.3	1.0	.8									
1981		79.1	78.7	79.3										RECALLS PER 100 EMPLOYEES													
WOMEN EMPLOYEES—IN THOUSANDS														1977	.5	.7	.6	.4	.6	.6	.4	.4	.5	.2	.4	.4	.3
1977	24.9	24.9	24.2	23.8	24.0	24.4	24.4	24.6	24.7	25.7	25.5	26.2	26.4	1978	.4	.7	.7	.6	.5	.5	.2	.3	.2	.4	.3	.3	.2
1978	28.7	26.2	26.4	26.3	27.2	28.1	28.3	28.0	29.1	30.1	30.7	31.5	32.0	1979	.7	.9	.1	.4	1.5	.6	.6	1.2	.7	.5	.5	.9	.5
1979	29.9	32.2	31.9	32.2	31.6	31.3	31.6	29.8	28.3	28.7	28.3	26.4	26.7	1980	1.3	1.9	.7	1.2	.5	.7	.9	1.9	2.6	1.7	1.4	1.7	.6
1980	25.1	25.6	25.1	25.7	24.5	22.7	22.2	21.8	23.9	24.9	26.9	28.6	28.7	1981		.9	1.2	1.5									
1981		28.1	27.9	28.4										SEPARATIONS PER 100 EMPLOYEES													
PRODUCTION WORKERS—IN THOUSANDS														1977	2.6	2.9	2.6	1.9	2.4	2.2	2.6	2.4	3.9	2.6	2.8	2.3	2.1
1977	59.0	59.0	58.5	57.7	57.5	58.6	58.2	57.8	57.1	60.4	60.3	61.5	61.8	1978	2.7	3.5	3.3	2.1	1.8	2.5	2.7	2.6	3.2	3.0	3.7	2.2	2.3
1978	64.3	60.6	60.1	59.7	61.3	62.9	62.3	62.7	63.6	67.2	69.0	70.5	71.8	1979	3.5	3.5	2.7	2.3	3.2	2.0	2.8	5.6	4.2	3.8	3.0	5.2	4.7
1979	67.1	72.2	71.7	72.4	70.9	69.9	70.1	65.5	62.4	65.1	64.3	58.9	61.7	1980	3.9	5.0	3.3	2.4	7.1	6.7	5.7	3.3	3.2	3.2	2.4	2.1	2.9
1980	55.8	58.3	57.8	59.2	54.5	51.6	49.3	48.0	53.0	55.9	58.2	61.4	61.8	1981		4.4	3.6	2.0									
1981		60.3	60.0	60.6										QUITS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.1	.8	.9	.6	.9	.8	1.2	1.1	2.3	1.5	1.4	1.0	.9
1977	304.19	264.80	283.71	283.18	294.69	295.78	315.49	310.91	332.76	316.83	307.76	313.83	330.48	1978	1.4	1.3	1.4	.9	1.1	1.4	1.8	1.3	1.9	1.8	1.8	1.0	1.1
1978	317.05	301.02	303.67	296.35	305.78	315.65	318.06	320.62	311.71	324.66	321.18	323.99	350.60	1979	1.0	1.4	.9	1.1	.9	.9	1.0	1.0	1.6	1.3	.7	.7	.5
1979	329.27	334.15	326.03	331.66	301.86	340.31	336.60	329.26	319.20	324.82	333.72	326.00	348.19	1980	.6	.6	.6	.6	.5	.6	.5	.5	.9	.7	.7	.7	.6
1980	352.24	319.55	324.94	337.26	335.62	329.64	340.08	334.21	346.24	363.65	377.48	390.32	411.40	1981		.7	.7	.6									
1981		389.61	362.70	379.93																							

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
SIC 3694—ENGINE ELECTRICAL EQUIPMENT (Con.)														SIC 37—TRANSPORTATION EQUIPMENT (Con.)															
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES															
1977	0.5	1.2	0.8	0.6	0.3	0.5	0.4	0.5	0.4	0.4	0.3	0.5	0.5	1977	3.5	3.1	3.3	3.6	3.3	4.0	4.4	3.5	4.5	4.8	3.5	2.5	1.8		
1978	.5	1.4	1.1	.4	.1	.3	.1	.5	.2	.3	.6	.5	.4	1978	3.6	3.0	2.8	3.4	3.7	3.8	3.9	3.6	5.6	5.1	3.5	2.8	1.8		
1979	1.8	1.2	1.0	.4	1.7	.3	1.0	3.4	1.8	1.8	1.6	3.9	3.6	1979	3.4	3.7	3.2	3.4	3.3	3.9	3.5	3.3	4.6	4.4	3.6	2.5	1.6		
1980	2.4	3.5	1.6	.9	5.8	5.3	4.5	2.0	1.4	1.4	.8	.7	1.6	1980	3.3	3.4	3.0	3.1	2.6	2.6	3.9	3.0	4.4	5.0	4.7	2.8	1.8		
1981		2.9	2.0	.5										1981		2.9	3.0	3.2											
SIC 37—TRANSPORTATION EQUIPMENT														NEW HIRES PER 100 EMPLOYEES															
ALL EMPLOYEES—IN THOUSANDS														1977	2.1	1.6	1.6	2.2	2.2	2.7	2.6	2.2	2.7	2.4	2.2	1.5	.9		
1977	1,871.5	1,837.1	1,797.2	1,832.2	1,858.5	1,874.8	1,896.7	1,875.5	1,827.8	1,919.8	1,902.5	1,898.0	1,937.7	1978	2.2	1.5	1.6	2.0	2.4	2.7	2.8	2.4	3.0	2.9	2.6	1.8	1.1		
1978	2,002.8	1,941.4	1,920.2	1,945.4	1,966.6	1,992.8	1,998.1	1,975.4	1,955.8	2,052.6	2,074.5	2,096.9	2,114.0	1979	2.0	2.2	2.0	2.3	2.1	2.6	2.5	2.0	2.2	2.3	2.1	1.4	.7		
1979	2,077.2	2,104.5	2,095.1	2,119.1	2,115.5	2,124.8	2,109.8	2,057.0	1,958.0	2,078.3	2,065.9	2,032.5	2,066.3	1980	1.3	1.6	1.4	1.4	1.1	1.1	1.5	1.4	1.4	1.6	1.8	1.1	.6		
1980	1,875.3	1,961.0	1,966.5	1,988.4	1,879.1	1,824.4	1,835.1	1,798.9	1,772.5	1,842.4	1,869.0	1,894.6	1,871.4	1981		1.2	1.2	1.4											
1981		1,854.9	1,824.8	1,860.4																									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES															
1977	258.8	244.0	242.4	246.1	253.2	255.0	261.9	261.3	258.5	271.6	269.2	268.8	273.6	1977	1.0	1.0	1.4	.9	.7	.8	1.2	.8	1.3	2.0	.8	.6	.6		
1978	295.1	275.6	271.9	279.0	281.3	289.0	294.1	293.9	292.2	308.6	314.1	319.7	321.8	1978	.9	1.0	.8	.9	.8	.6	.6	.8	2.1	1.7	.6	.5			
1979	322.9	321.5	322.0	325.6	327.1	331.0	331.2	325.2	308.1	323.2	321.7	319.1	318.8	1979	1.0	1.1	.9	.8	.8	.8	.6	.9	1.8	1.7	1.1	.7	.6		
1980	294.9	310.0	309.0	309.4	296.8	286.3	285.3	284.9	279.4	288.7	295.0	299.7	294.3	1980	1.5	1.4	1.1	1.2	1.1	.8	1.8	1.2	2.4	2.8	2.0	1.3	.6		
1981		292.6	292.2	295.4										1981		1.3	1.4	1.5											
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES															
1977	1,290.4	1,269.6	1,231.7	1,261.8	1,284.7	1,297.4	1,310.8	1,283.9	1,236.7	1,327.2	1,318.4	1,316.8	1,346.1	1977	3.1	3.0	3.0	2.5	2.5	2.7	2.8	4.8	4.6	3.4	2.9	2.4	2.6		
1978	1,383.9	1,341.7	1,320.3	1,341.2	1,360.5	1,384.2	1,379.0	1,350.2	1,322.9	1,423.6	1,443.0	1,462.4	1,477.5	1978	3.0	2.9	2.6	2.7	2.8	2.8	3.2	3.7	4.5	3.0	2.8	2.4	2.8		
1979	1,423.3	1,466.4	1,450.3	1,471.7	1,468.4	1,476.4	1,455.3	1,395.8	1,294.0	1,411.9	1,404.5	1,373.9	1,410.5	1979	3.6	3.2	2.5	2.7	2.9	3.2	3.4	5.0	6.0	4.0	3.0	3.3	3.6		
1980	1,215.4	1,301.6	1,304.0	1,327.7	1,219.2	1,169.5	1,178.0	1,137.8	1,111.0	1,179.4	1,207.4	1,235.4	1,213.4	1980	4.2	4.8	3.6	4.1	6.2	5.6	4.9	4.1	5.9	3.2	3.1	2.3	2.5		
1981		1,199.3	1,173.2	1,202.7										1981		3.0	3.3	3.4											
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES															
1977	309.83	287.64	287.58	300.33	300.04	309.17	316.25	308.55	300.77	316.91	324.22	324.00	338.25	1977	1.1	.7	.8	1.0	1.1	1.1	1.1	1.2	1.9	1.6	1.1	.8	.6		
1978	333.80	306.99	305.52	322.98	327.40	326.70	331.93	330.06	318.61	343.31	350.57	355.61	374.25	1978	1.2	.9	.8	1.1	1.3	1.2	1.3	1.4	2.0	1.6	1.3	1.0	.7		
1979	350.58	349.45	351.54	356.17	313.05	355.24	351.44	349.70	341.82	349.21	358.90	354.96	380.88	1979	1.1	1.1	1.0	1.1	1.2	1.2	1.2	1.2	1.7	1.4	1.1	.9	.5		
1980	378.39	352.48	357.14	364.00	358.60	360.70	368.80	369.07	373.20	388.28	400.73	411.58	434.88	1980	.8	.9	.8	.9	.8	.8	.8	.8	1.1	1.0	.8	.6	.4		
1981		407.36	398.19	414.29										1981		.7	.8	.8											
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES															
1977	7.29	7.05	6.98	7.10	7.11	7.19	7.27	7.26	7.23	7.37	7.54	7.57	7.67	1977	1.2	1.4	1.4	.7	.6	.7	.8	2.7	1.8	.9	1.0	.8	1.2		
1978	7.91	7.58	7.60	7.69	7.74	7.76	7.81	7.84	7.79	8.04	8.21	8.27	8.41	1978	1.0	1.2	1.1	.8	.7	.8	1.0	1.5	1.6	.6	.6	.7	1.4		
1979	8.53	8.34	8.35	8.42	8.26	8.56	8.53	8.55	8.44	8.58	8.69	8.70	8.92	1979	1.6	1.1	.7	.8	.9	1.1	1.4	2.9	3.2	1.8	.9	1.8	2.4		
1980	9.32	8.79	8.84	9.01	9.01	9.04	9.22	9.32	9.33	9.54	9.75	9.87	10.09	1980	2.5	3.0	1.9	2.3	4.4	3.9	3.2	2.6	3.9	1.4	1.5	1.1	1.4		
1981		9.96	9.93	10.08										1981		1.5	1.6	1.8											
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 371—MOTOR VEHICLES AND EQUIPMENT															
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS															
1977	42.5	40.8	41.2	42.3	42.2	43.0	43.5	42.5	41.6	43.0	43.0	42.8	44.1	1977	947.3	922.8	885.6	917.7	928.3	945.3	959.1	937.3	901.3	977.0	995.6	991.1	1,007.0		
1978	42.2	40.5	40.2	42.0	42.3	42.1	42.5	42.1	40.9	42.7	42.7	43.0	44.5	1978	1,004.9	994.4	973.3	987.2	993.1	1,002.5	995.2	975.9	951.0	1,032.4	1,043.1	1,053.0	1,057.7		
1979	41.1	41.9	42.1	42.3	37.9	41.5	41.2	40.9	40.5	40.7	41.3	40.8	42.7	1979	990.4	1,042.5	1,025.2	1,043.7	1,041.2	1,047.9	1,030.4	976.7	875.4	979.1	957.6	915.2	950.2		
1980	40.6	40.1	40.4	40.4	39.8	39.9	40.0	39.6	40.0	40.7	41.1	41.7	43.1	1980	762.6	844.0	845.3	864.3	768.2	720.5	731.7	698.2	676.7	731.8	749.8	770.6	750.4		
1981		40.9	40.1	41.1										1981		732.5	701.4	734.4											
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS															
1977	5.0	4.6	3.9	5.0	4.8	5.4	5.4	5.1	4.8	5.2	5.5	5.3	5.0	1977	118.4	108.6	106.2	108.5	112.5	114.9	118.9	117.9	115.5	126.6	129.9	130.1	131.2		
1978	5.0	4.3	4.3	4.7	4.9	4.9	5.0	4.9	4.5	5.5	5.6	5.7	5.6	1978	135.9	129.2	125.7	128.3	129.8	132.5	134.3	133.4	130.0	143.3	146.4	148.3	149.4		
1979	4.2	5.0	5.2	5.1	2.7	4.9	4.3	4.3	4.0	3.9	3.8	3.3	3.4	1979	140.5	146.7	144.1	146.1	146.9	150.5	149.7	142.5	125.9	136.8	134.6	131.1	131.1		
1980	3.2	3.2	3.0	3.1	2.9	2.6	2.6	2.8	3.0	3.4	3.7	3.9	4.4	1980	107.5	120.8	119.6	120.4	111.1	101.8	100.3	96.7	95.4	102.0	106.3	109.9	105.9		
1981		3.2	3.0	3.2										1981		102.4	99.1	100.5											

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 371—MOTOR VEHICLES AND EQUIPMENT (Con.)														SIC 371—MOTOR VEHICLES AND EQUIPMENT (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	734.7	716.8	681.0	710.7	720.4	734.7	746.1	721.2	682.4	759.3	778.0	775.8	789.6	1977	2.8	2.4	2.8	2.1	2.1	2.2	2.3	5.3	5.1	3.1	2.3	2.0	2.2
1978	781.7	775.8	755.9	768.5	774.6	783.4	771.9	749.4	717.4	805.6	817.1	827.8	832.7	1978	2.7	2.5	2.3	2.0	2.0	2.4	2.9	3.4	5.1	2.7	2.7	2.2	2.6
1979	764.4	818.1	799.4	816.8	815.5	821.6	801.8	744.7	644.5	751.5	732.0	694.3	732.8	1979	3.9	3.1	2.1	1.9	2.3	2.5	3.3	7.2	8.5	4.8	3.1	4.1	4.7
1980	557.0	624.2	625.2	649.1	554.5	512.4	526.6	495.7	476.5	531.8	552.3	576.2	558.9	1980	6.0	6.9	4.5	4.9	10.0	9.5	7.9	6.3	10.1	3.7	3.6	2.7	3.1
1981		545.0	515.7	548.7										1981		3.5	4.4	4.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	345.40	318.17	313.66	336.49	335.28	347.98	356.72	346.43	332.21	353.23	363.04	359.86	380.33	1977	.9	.5	.5	.7	.8	.9	.9	1.1	1.8	1.5	.8	.6	.5
1978	368.05	334.55	332.52	355.64	361.96	361.56	368.80	366.71	345.28	378.43	388.95	395.60	417.65	1978	1.0	.6	.6	.7	.9	.9	1.0	1.1	1.9	1.4	1.1	.9	.5
1979	372.37	380.38	382.59	389.15	322.66	385.56	378.48	373.10	356.31	364.41	375.15	361.38	400.26	1979	.9	.8	.7	.8	.9	1.0	.9	.9	1.5	1.1	.9	.7	.4
1980	391.42	359.46	363.66	375.01	363.23	362.78	375.97	378.28	381.62	405.22	428.48	438.06	474.12	1980	.6	.6	.6	.6	.6	.6	.5	.5	.9	.8	.6	.5	.4
1981		430.77	415.80	440.34										1981		.5	.6	.6									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	7.85	7.62	7.52	7.68	7.67	7.74	7.83	7.81	7.77	7.90	8.13	8.15	8.24	1977	1.0	1.0	1.5	.5	.5	.4	.4	3.3	2.3	.6	.5	.6	1.0
1978	8.50	8.13	8.11	8.27	8.34	8.35	8.42	8.43	8.34	8.64	8.86	8.91	9.04	1978	.9	1.0	1.0	.6	.2	.6	1.0	1.6	2.2	.4	.5	.5	1.4
1979	9.06	8.95	8.96	9.05	8.84	9.18	9.12	9.10	8.93	9.02	9.15	9.08	9.33	1979	2.1	1.1	.7	.4	.6	.7	1.5	5.1	5.9	3.0	1.2	2.6	3.7
1980	9.81	9.17	9.23	9.47	9.41	9.35	9.69	9.80	9.76	10.08	10.40	10.48	10.80	1980	4.4	5.3	3.0	3.3	8.4	7.8	6.2	4.9	8.1	1.9	1.9	1.6	1.8
1981		10.61	10.50	10.74										1981		2.0	2.7	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3711—MOTOR VEHICLES AND CAR BODIES													
1977	44.0	41.7	41.6	43.7	43.6	44.9	45.5	44.3	42.7	44.6	44.6	44.1	46.1	ALL EMPLOYEES—IN THOUSANDS													
1978	43.3	41.1	40.9	42.9	43.4	43.3	43.8	43.5	41.4	43.8	43.9	44.4	46.2	1977	443.0	437.9	403.3	428.5	439.4	446.1	452.9	437.3	400.9	458.1	471.4	464.2	475.9
1979	41.1	42.5	42.7	43.0	36.5	42.0	41.5	41.0	39.9	40.4	41.0	39.8	42.9	1978	469.8	468.4	451.7	466.6	469.5	474.6	461.8	450.6	427.8	485.0	490.1	494.8	496.1
1980	39.9	39.2	39.4	39.6	38.6	38.8	38.8	38.6	39.1	40.2	41.2	41.8	43.9	1979	463.0	486.3	475.2	491.3	492.3	498.8	479.4	452.9	377.4	464.7	450.3	421.2	465.8
1981		40.6	39.6	41.0										1980	348.9	375.4	384.9	410.1	343.6	322.3	344.4	336.7	300.3	334.1	345.6	354.0	334.8
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		321.8	298.6	322.4									
1977	6.4	6.1	4.8	6.7	6.4	7.3	7.1	6.8	6.1	6.6	7.0	6.6	5.9	WOMEN EMPLOYEES—IN THOUSANDS													
1978	6.1	5.1	4.9	5.7	6.0	6.1	6.2	6.0	5.3	6.8	7.0	7.1	6.6	1977	45.5	40.9	38.4	40.0	43.4	44.2	46.0	45.1	42.3	50.0	51.9	51.3	52.3
1979	4.4	6.0	6.2	6.0	2.6	5.8	4.7	4.5	4.0	3.5	3.5	2.5	2.4	1978	54.2	51.7	49.0	51.4	52.3	53.8	53.5	52.6	49.0	58.1	59.4	60.1	59.8
1980	2.6	2.4	2.2	2.6	2.1	1.5	1.6	1.8	2.3	2.7	3.5	3.7	4.4	1979	56.2	57.7	56.4	58.5	59.2	61.1	60.8	58.3	46.5	55.5	54.1	52.1	54.7
1981		2.8	2.5	2.8										1980	41.5	45.3	44.9	46.7	40.1	40.4	40.9	40.7	36.6	39.1	41.3	42.8	38.7
ACCESSIONS PER 100 EMPLOYEES														1981		36.8	34.6	35.1									
1977	3.3	2.4	3.0	3.3	3.2	4.3	4.4	3.3	4.8	5.0	3.0	1.8	1.2	PRODUCTION WORKERS—IN THOUSANDS													
1978	3.2	1.9	1.8	2.5	3.4	3.7	3.4	2.9	6.7	5.9	3.0	2.3	1.3	1977	329.6	327.1	294.5	317.7	328.4	333.8	339.5	322.2	284.0	341.8	355.5	350.0	360.2
1979	3.0	2.7	2.7	2.6	2.9	3.9	2.7	2.4	5.1	4.5	3.6	1.9	1.3	1978	349.1	352.0	335.2	348.9	351.7	356.0	341.4	327.5	299.1	362.1	367.7	372.5	374.7
1980	3.9	2.3	2.6	2.9	2.5	2.7	4.7	2.5	6.7	7.8	7.4	3.2	2.0	1979	340.8	365.4	352.4	367.6	369.3	376.6	356.4	327.2	252.1	341.5	328.9	303.9	347.9
1981		2.7	3.3	4.3										1980	239.7	257.6	265.8	295.0	229.8	210.9	235.0	228.9	194.8	228.8	241.6	252.4	236.1
NEW HIRES PER 100 EMPLOYEES														1981		227.0	204.9	228.9									
1977	1.9	1.2	1.1	2.0	2.2	2.8	2.8	2.2	2.6	2.4	1.8	1.0	.5	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	1.8	.7	.8	1.2	2.1	2.5	2.5	1.8	2.8	2.8	2.2	1.3	.6	1977	365.79	342.59	327.57	357.14	347.93	371.22	377.81	363.78	342.32	372.82	387.21	381.33	400.76
1979	1.4	1.3	1.4	1.8	1.6	2.5	1.7	1.2	1.3	1.3	1.4	.6	.3	1978	388.83	347.99	344.97	382.38	385.44	381.49	391.60	384.05	349.77	395.95	412.83	423.49	451.23
1980	.6	.5	.5	.5	.3	.4	.7	.5	.7	1.0	2.1	.4	.3	1979	402.26	398.79	415.51	422.84	425.42	417.64	410.33	409.45	391.64	392.69	406.23	390.04	438.44
1981		.6	.6	.9										1980	427.97	384.84	390.78	401.95	393.78	396.68	406.15	413.18	410.84	442.66	476.74	481.43	534.61
RECALLS PER 100 EMPLOYEES														1981		469.64	461.38	490.36									
1977	.8	.6	1.3	.5	.5	.6	1.0	.5	1.5	2.1	.5	.3	.3	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.9	.5	.5	.6	.7	.4	.3	.6	3.2	2.4	.3	.5	.3	1977	8.22	8.08	7.97	8.08	7.98	8.07	8.16	8.12	8.17	8.23	8.51	8.55	8.60
1979	1.0	.8	1.0	.5	.7	.8	.4	.5	2.9	2.5	1.5	.7	.5	1978	8.98	8.55	8.56	8.75	8.80	8.79	8.90	8.89	8.90	9.04	9.34	9.39	9.56
1980	2.3	1.3	1.2	1.7	1.6	1.2	3.0	1.4	4.8	5.8	3.5	2.1	.7	1979	9.74	9.45	9.53	9.61	9.46	9.85	9.84	9.89	9.89	9.72	9.86	9.80	10.01
1981		1.3	1.9	2.7										1980	10.78	9.97	10.02	10.28	10.39	10.25	10.66	10.76	10.84	11.15	11.46	11.49	11.96
														1981		11.80	11.77	11.96									

See footnotes at end of tables.

MANUFACTURING

SIC 3713

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3711—MOTOR VEHICLES AND CAR BODIES (Con.)														SIC 3713—TRUCK AND BUS BODIES													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	44.5	42.4	41.1	44.2	43.6	46.0	46.3	44.8	41.9	45.3	45.5	44.6	46.6	1977	45.8	44.6	45.3	46.1	45.2	46.8	45.9	46.8	45.8	46.4	46.3	45.3	45.4
1978	43.3	40.7	40.3	43.7	43.8	43.4	44.0	43.2	39.3	43.8	44.2	45.1	47.2	1978	45.3	44.9	44.7	44.0	44.6	43.3	44.7	44.5	45.8	47.2	46.6	46.8	46.8
1979	41.3	42.2	43.6	44.0	34.4	42.4	41.7	41.4	39.6	40.4	41.2	39.8	43.8	1979	46.1	46.8	47.6	47.2	46.8	47.6	48.7	47.6	40.8	46.2	45.7	45.0	43.7
1980	39.7	38.6	39.0	39.1	37.9	38.7	38.1	38.4	37.9	39.7	41.6	41.9	44.7	1980	38.6	43.5	44.0	42.6	41.4	38.4	36.0	36.8	35.9	36.6	35.7	36.4	36.4
1981		39.8	39.2	41.0										1981		35.8	35.2	34.1									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	6.8	6.4	4.4	7.9	6.2	8.1	7.5	6.8	6.1	6.7	7.7	7.2	5.9	1977	5.0	4.9	5.0	5.0	5.0	5.1	5.0	5.2	4.7	5.0	5.0	5.0	5.0
1978	6.4	5.1	5.4	6.4	6.3	6.3	6.4	5.9	5.1	6.8	7.4	7.8	7.1	1978	5.0	5.0	4.9	4.8	4.6	4.8	4.9	5.0	5.2	5.3	5.2	5.2	5.2
1979	5.0	6.0	7.4	7.1	2.7	7.0	5.5	5.7	5.6	4.0	3.8	2.5	2.4	1979	5.4	5.3	5.4	5.4	5.5	5.7	6.1	6.0	4.6	5.5	5.4	5.2	5.1
1980	2.6	2.5	1.9	2.5	2.1	1.6	1.4	1.8	2.4	2.6	3.8	4.1	4.9	1980	4.4	5.2	5.4	4.5	4.7	4.2	4.0	4.1	4.0	4.0	3.8	4.2	4.2
1981		2.4	2.5	2.6										1981		4.0	3.9	3.7									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.3	2.0	3.5	3.2	3.3	4.2	4.2	3.4	5.2	5.7	2.6	1.6	.8	1977	36.1	34.5	35.2	36.0	35.5	36.7	36.1	37.1	36.2	36.8	36.9	36.1	36.2
1978	3.3	1.6	1.5	2.5	3.6	3.6	3.0	2.8	9.5	7.5	2.2	1.8	.9	1978	36.5	35.7	35.6	35.2	35.8	34.8	35.8	35.7	37.1	38.5	38.0	38.1	38.2
1979	3.1	1.9	3.0	2.5	2.9	4.5	2.6	2.2	6.7	4.9	4.4	1.5	.9	1979	36.8	37.9	38.4	38.0	37.9	38.3	39.1	37.9	31.1	36.7	36.0	35.5	34.5
1980	3.8	1.5	2.6	2.5	3.2	2.6	4.4	1.5	7.1	8.5	9.0	2.0	2.2	1980	29.5	34.3	34.6	33.1	32.0	29.5	27.4	28.2	27.3	27.3	26.3	27.1	27.3
1981		2.0	3.4	4.9										1981		26.8	26.1	25.3									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.7	.8	.9	1.9	2.3	2.8	2.5	2.4	2.3	1.8	1.6	.9	.2	1977	260.48	246.38	253.08	260.71	255.91	258.45	266.07	267.26	256.14	264.27	263.49	263.16	275.94
1978	1.5	.5	.6	1.2	2.4	2.4	2.1	1.5	2.1	2.3	1.6	.7	.3	1978	278.24	259.62	263.34	269.28	277.98	276.35	286.75	282.98	273.78	280.49	284.62	285.82	291.04
1979	1.3	.6	1.0	1.6	1.4	2.8	1.6	1.3	1.3	1.4	1.6	.4	.2	1979	287.03	280.50	274.03	286.53	254.56	290.73	287.60	287.82	277.80	295.14	293.92	295.64	324.59
1980	.7	.2	.3	.3	.2	.3	.7	.5	.6	1.0	3.4	.3	.2	1980	316.32	304.57	304.94	305.36	298.24	295.09	310.46	324.62	312.91	322.36	321.53	356.10	355.01
1981		.2	.3	.7										1981		345.14	331.63	335.41									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.9	.4	2.0	.3	.3	.3	1.0	.2	2.3	3.3	.2	.1	.2	1977	6.40	6.35	6.28	6.39	6.35	6.35	6.32	6.44	6.34	6.43	6.49	6.53	6.57
1978	1.2	.4	.4	.4	.3	.2	.2	.7	6.5	4.4	.2	.4	.2	1978	6.87	6.64	6.60	6.80	6.83	6.79	6.86	6.97	6.76	6.96	7.08	7.04	7.03
1979	1.2	.6	1.6	.5	.8	.8	.3	.3	4.4	2.9	2.0	.6	.3	1979	7.23	7.03	6.92	7.04	6.88	7.25	7.19	7.38	6.98	7.36	7.46	7.60	7.71
1980	2.0	.6	.9	1.2	2.3	.7	2.8	.5	5.6	6.8	2.8	.8	.2	1980	8.09	7.87	7.90	7.87	7.89	7.89	7.84	8.26	8.17	8.12	8.14	8.56	8.68
1981		.6	2.1	3.1										1981		8.65	8.46	8.47									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.0	2.6	3.7	1.8	1.7	1.9	2.1	7.6	6.1	2.5	1.9	1.9	2.2	1977	40.7	38.8	40.3	40.8	40.3	40.7	42.1	41.5	40.4	41.1	40.6	40.3	42.0
1978	2.8	2.3	1.7	1.5	2.0	2.8	3.6	3.9	6.5	2.4	2.5	2.2	3.0	1978	40.5	39.1	39.9	39.6	40.7	40.7	41.8	40.6	40.5	40.3	40.2	40.6	41.4
1979	3.6	2.4	1.9	1.4	1.9	2.5	3.3	7.4	9.1	4.4	2.8	2.7	4.3	1979	39.7	39.9	39.6	40.7	37.0	40.1	40.0	39.0	39.8	40.1	39.4	38.9	42.1
1980	6.6	8.3	5.0	5.1	12.1	6.6	8.9	6.0	15.5	3.1	3.9	2.8	3.2	1980	39.1	38.7	38.6	38.8	37.8	37.4	39.6	39.3	38.3	39.7	39.5	41.6	40.9
1981		3.6	5.1	6.2										1981		39.9	39.2	39.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.5	.5	.7	.7	.9	.9	1.2	1.4	1.2	.7	.5	.4	1977	3.6	3.6	3.6	3.4	3.3	3.9	4.1	4.3	2.9	4.1	3.7	3.4	3.1
1978	.8	.5	.5	.6	.9	.9	1.0	1.0	1.5	1.2	.9	.8	.4	1978	4.0	3.5	3.7	3.7	4.0	4.3	5.1	4.1	3.5	3.6	4.0	3.6	4.6
1979	.7	.7	.6	.6	.8	.9	.7	.8	1.2	1.0	.7	.7	.3	1979	3.3	4.4	3.8	4.1	1.8	4.0	3.4	2.9	3.3	3.6	2.8	2.5	2.7
1980	.5	.5	.4	.5	.5	.5	.5	.4	.7	.6	.6	.5	.3	1980	2.4	2.8	2.9	2.4	1.6	1.5	2.5	2.3	1.9	2.0	1.9	3.0	3.8
1981		.4	.7	.6										1981		3.1	1.9	1.9									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.3	1.2	2.5	.2	.2	.1	.2	5.6	3.8	.3	.2	.4	1.0	1977	4.2	3.7	4.3	5.1	5.1	5.6	5.7	3.5	5.8	5.1	2.9	2.1	1.6
1978	1.2	1.1	.6	.3	.2	1.0	1.8	2.3	4.1	.3	.5	.6	1.9	1978	3.7	3.4	3.5	3.8	4.8	3.8	4.5	2.9	4.9	4.5	3.0	2.6	2.5
1979	2.0	.7	.6	.2	.3	.6	1.7	5.8	7.0	2.6	1.0	1.3	3.4	1979	3.9	5.0	2.6	4.5	4.3	4.1	3.4	3.6	3.6	8.2	3.0	2.2	2.1
1980	5.2	6.8	3.6	3.7	10.6	5.4	7.5	4.8	13.9	1.4	2.2	1.5	2.2	1980	4.3	5.3	3.0	3.7	2.3	2.7	6.4	3.3	4.8	8.1	8.2	2.8	1.8
1981		2.0	3.2	4.6										1981		4.2	4.0	3.2									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3713—TRUCK AND BUS BODIES (Con.)														SIC 3714—MOTOR VEHICLE PARTS AND ACCESSORIES (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.5	2.6	2.6	4.2	4.2	4.3	4.9	3.2	5.2	4.9	2.7	1.8	1.4	1977	344.76	308.02	313.44	332.12	339.78	343.87	355.03	347.21	340.66	352.68	358.75	357.58	380.48
1978	3.0	2.4	2.4	2.7	3.8	3.5	4.4	2.7	4.1	3.7	2.8	2.2	1.8	1978	368.80	336.49	335.27	347.58	358.88	361.84	367.79	370.35	358.52	383.17	389.40	393.37	413.89
1979	2.7	3.4	2.0	3.6	3.7	3.7	2.7	2.5	3.1	2.3	2.6	1.6	1.1	1979	365.98	386.28	375.70	380.88	336.11	375.48	371.18	361.68	349.46	353.97	364.97	352.32	379.85
1980	1.5	1.6	1.8	1.7	1.4	1.1	2.4	1.5	1.1	1.3	2.1	1.0	.4	1980	380.70	354.22	356.71	367.54	355.78	351.90	364.45	360.45	377.74	392.50	409.70	421.26	452.91
1981		2.7	2.1	1.6										1981		422.42	403.00	423.30									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.6	.9	1.7	.8	.9	1.1	.7	.3	.5	.1	.1	.2	.1	1977	7.80	7.44	7.41	7.60	7.67	7.71	7.82	7.76	7.89	8.08	8.09	8.20	
1978	.5	.9	1.1	.9	1.0	.2	.1	.2	.5	.2	.2	.3	.7	1978	8.42	8.05	8.04	8.14	8.25	8.28	8.34	8.36	8.63	8.79	8.82	8.92	
1979	1.1	1.4	.5	.8	.6	.3	.6	1.0	.4	5.5	.3	.4	.9	1979	8.84	8.88	8.84	8.92	8.73	8.94	8.88	8.80	8.65	8.74	8.88	8.83	8.98
1980	2.4	3.7	.6	1.8	.7	1.4	2.8	1.8	2.4	5.2	6.1	1.8	1.2	1980	9.40	8.90	8.94	9.12	9.03	9.00	9.25	9.29	9.35	9.62	9.92	10.03	10.27
1981		1.4	1.8	1.5										1981		10.13	10.00	10.20									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.1	2.1	2.0	3.1	3.6	2.8	2.6	2.5	5.7	4.8	2.9	2.6	2.9	1977	44.2	41.4	42.3	43.7	44.3	44.6	45.4	44.4	43.9	44.7	44.4	44.2	46.4
1978	3.3	2.6	2.8	2.2	2.5	2.6	2.8	2.5	4.8	4.7	3.9	3.5	4.7	1978	43.8	41.8	41.7	42.7	43.5	43.7	44.1	44.3	43.3	44.4	44.3	44.6	46.4
1979	4.4	3.4	2.4	3.4	3.0	2.9	4.7	3.8	12.0	4.3	3.3	6.2	4.1	1979	41.4	43.5	42.5	42.7	38.5	42.0	41.8	41.1	40.4	40.5	41.1	39.9	42.3
1980	5.5	4.2	4.4	6.3	4.4	9.2	5.2	8.3	5.4	5.9	4.7	4.5	4.2	1980	40.5	39.8	39.9	40.3	39.4	39.1	39.4	38.8	40.4	40.8	41.3	42.0	44.1
1981		4.5	4.5	5.8										1981		41.7	40.3	41.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.7	.9	1.2	1.5	2.0	1.7	1.7	1.6	3.6	3.1	1.0	1.0	.9	1977	6.7	6.4	5.5	6.2	7.1	7.1	7.2	7.2	6.7	7.1	6.8	6.5	6.4
1978	1.8	1.3	1.1	1.4	1.7	1.4	1.4	1.5	3.2	2.9	2.1	1.6	1.6	1978	6.3	5.5	4.8	5.4	6.2	6.4	6.4	6.6	6.0	7.3	7.2	7.1	6.7
1979	1.8	1.4	1.2	1.9	1.9	1.8	2.0	2.3	3.2	2.4	2.0	1.2	.9	1979	4.0	6.5	5.6	5.5	2.6	5.0	4.2	3.8	3.0	3.1	3.3	2.5	2.4
1980	1.3	1.5	1.2	1.2	1.4	1.2	1.1	.9	1.3	1.5	1.4	1.1	1.3	1980	2.6	2.3	2.4	2.8	2.2	1.5	1.7	1.9	2.5	2.9	3.5	3.7	4.2
1981		1.3	1.0	1.0										1981		3.3	2.7	3.2									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	.7	.3	.8	.7	.2	.2	.1	1.1	.2	1.1	1.1	1.4	1977	3.0	2.5	2.1	2.9	2.8	4.0	4.2	3.0	4.0	4.1	3.4	1.9	1.4
1978	.7	.5	1.1	.2	.1	.2	.2	.5	.1	.9	.9	1.1	2.5	1978	2.8	1.8	1.7	2.0	2.8	3.4	3.5	2.8	4.1	4.2	3.4	2.5	1.4
1979	1.6	1.0	.4	.7	.2	.1	.8	.7	7.9	1.1	.5	4.3	2.6	1979	2.7	2.9	2.2	2.4	2.5	3.0	2.6	2.1	3.9	3.8	2.7	2.2	1.5
1980	3.5	1.7	2.6	4.5	2.2	7.4	3.4	6.7	3.1	3.1	2.3	2.9	2.4	1980	3.8	2.6	2.6	3.3	1.8	2.8	4.9	3.4	6.5	7.2	5.8	4.1	1.9
1981		2.4	2.7	4.2										1981		2.9	3.1	3.5									
SIC 3714—MOTOR VEHICLE PARTS AND ACCESSORIES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	426.5	411.0	406.6	411.8	411.5	420.3	427.4	421.7	422.4	439.9	444.7	448.4	451.7	1977	1.7	1.2	.9	1.6	1.7	2.5	2.7	1.7	2.3	2.5	1.8	.9	.5
1978	451.9	446.6	441.7	440.8	442.1	446.5	449.4	443.1	438.3	460.9	467.2	471.3	474.4	1978	1.7	.6	.6	.7	1.3	2.1	2.5	1.8	2.9	2.9	2.4	1.5	.6
1979	441.1	468.8	461.3	464.4	460.7	460.0	460.4	435.5	417.3	428.7	422.6	410.2	402.8	1979	1.1	1.4	1.3	1.6	1.3	1.7	1.5	.7	.9	1.0	1.0	.6	.3
1980	342.5	388.0	380.8	375.6	348.9	328.1	320.5	295.1	309.8	330.3	338.2	348.3	346.3	1980	.5	.5	.4	.5	.3	.3	.4	.4	.6	.8	.5	.3	
1981		342.6	335.2	345.3										1981		.6	.5	.7									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	66.3	61.3	61.3	61.9	62.4	63.9	66.2	66.0	66.8	69.9	71.2	72.0	72.1	1977	.8	.8	.7	.8	.7	.9	.9	.7	1.0	1.1	.9	.6	.5
1978	74.3	70.6	69.9	70.2	70.5	71.4	73.4	73.4	73.2	77.3	79.2	80.3	81.7	1978	.6	.6	.6	.8	1.0	.7	.4	.5	.6	.8	.5	.6	.4
1979	75.7	80.9	79.4	79.3	78.9	80.4	79.5	74.9	71.5	72.7	71.7	70.5	68.1	1979	.9	.9	.4	.4	.7	.8	.5	.6	2.1	1.9	1.2	.9	.6
1980	58.5	66.9	66.0	65.8	63.0	54.0	52.3	48.8	51.6	55.7	58.1	59.7	59.5	1980	2.5	1.6	1.6	2.3	.9	1.5	3.2	2.3	4.2	5.2	3.9	3.0	1.2
1981		58.1	57.1	58.1										1981		1.9	1.8	2.3									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	344.0	332.5	327.6	332.5	331.0	338.9	344.6	337.4	337.5	355.2	359.8	364.0	366.8	1977	2.5	2.1	2.1	2.2	2.0	2.3	2.2	3.2	3.9	3.3	2.5	2.0	2.0
1978	366.1	361.1	357.6	356.3	358.0	362.4	363.5	356.3	350.5	373.9	380.5	385.4	387.7	1978	2.3	2.6	2.6	2.3	1.8	1.7	2.0	2.9	3.5	2.7	2.4	1.9	1.7
1979	355.2	382.6	376.0	378.8	375.4	373.9	373.2	347.8	330.2	342.5	336.7	324.5	321.2	1979	4.1	3.7	2.2	2.1	2.6	2.4	3.1	7.6	7.7	5.3	3.2	5.0	5.1
1980	263.5	303.9	297.8	293.8	267.1	248.7	241.8	217.1	232.1	253.0	262.3	272.9	270.9	1980	5.5	6.0	4.0	4.4	8.7	11.8	7.1	6.2	5.9	4.0	3.1	2.6	2.8
1981		267.2	260.5	269.9										1981		3.2	3.8	2.9									

See footnotes at end of tables.

MANUFACTURING

SIC 372

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 3714—MOTOR VEHICLE PARTS AND ACCESSORIES (Con.)														SIC 3715—TRUCK TRAILERS ^a (Con.)														
QUITS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	0.8	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.8	1.5	0.8	0.6	0.4	1977	6.3	5.9	6.6	6.3	5.9	8.0	6.9	6.9	9.4	8.2	5.1	3.8	3.3	
1978	.8	.5	.5	.6	.7	.7	.8	.9	1.8	1.4	1.0	.7	.4	1978	5.9	5.3	3.9	6.4	6.5	7.4	6.1	5.2	7.8	6.9	7.0	5.0	3.0	
1979	.8	.8	.6	.7	.8	.8	.8	.8	1.3	.9	.8	.6	.3	1979	4.9	6.2	5.7	4.8	5.3	5.9	5.0	5.5	4.9	3.4	3.6	3.0	2.6	
1980	.6	.6	.6	.6	.5	.5	.5	.5	.9	.9	.5	.4	.3	1980	4.3	3.5	3.0	3.0	2.6	3.5	4.0	4.3	7.5	5.4	5.9	7.5	2.0	
1981		.4	.5	.5										1981		5.0	4.2	7.9										
LAYOFFS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES														
1977	.8	.8	.8	.8	.5	.7	.5	1.3	1.1	.9	.8	.7	.9	1977	5.4	4.6	6.0	5.9	5.2	6.1	5.3	5.3	8.8	7.3	4.7	3.2	2.5	
1978	.7	1.1	1.3	.9	.3	.3	.3	1.1	.8	.4	.3	.4	.7	1978	5.3	4.1	3.1	4.8	5.8	7.0	5.8	4.9	7.4	6.5	6.5	4.5	2.7	
1979	2.4	1.7	.8	.6	1.0	.8	1.4	5.2	5.2	3.6	1.5	3.5	4.0	1979	4.2	5.7	5.4	4.5	4.6	5.6	4.6	4.3	4.3	3.0	2.8	1.7	1.1	
1980	3.8	4.4	2.4	2.6	7.1	9.8	5.1	4.7	3.7	2.2	1.5	1.6	1.3	1980	1.2	1.2	1.4	1.8	.7	.7	.8	1.3	1.6	2.1	1.1	.9	.8	
1981		1.9	2.2	1.5										1981		2.3	2.4	4.1										
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES														
1977	26.8	24.0	24.9	25.5	26.3	26.8	27.7	26.5	27.5	27.4	27.9	28.0	28.8	1977	.8	1.2	.5	.1	.6	1.7	1.5	1.4	.4	.6	.1	.4	.7	
1978	32.3	29.3	29.9	30.2	31.1	32.1	33.1	31.7	33.2	33.5	33.5	34.5	34.9	1978	.4	1.0	.6	1.4	.5	.1	.2	.1	.1	.3	.3	.3	.2	
1979	34.7	34.9	35.4	35.6	36.0	36.0	36.3	35.1	34.3	34.0	33.5	33.3	32.4	1979	.5	.3	.2	.2	.5	.2	.3	1.1	.5	.3	.7	1.1	1.1	
1980	28.0	31.6	30.2	30.4	30.9	28.2	26.9	25.8	26.5	26.2	25.0	26.6	27.1	1980	3.0	2.2	1.6	1.1	1.8	2.7	3.1	2.9	5.6	3.1	4.7	6.5	1.1	
1981		26.8	26.8	26.8										1981		2.6	1.7	3.7										
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	20.9	18.6	19.4	20.0	20.8	21.8	21.8	20.6	21.1	21.4	21.7	21.7	22.4	1977	4.9	3.0	2.9	3.3	8.3	4.6	5.8	5.3	6.6	5.6	4.9	3.7	4.0	
1978	26.0	22.9	29.4	23.7	24.6	25.5	26.3	25.1	26.1	26.5	26.5	27.4	27.7	1978	5.1	3.0	4.7	4.1	4.4	4.8	4.5	4.8	7.8	4.4	7.3	4.6	5.9	
1979	27.5	27.8	28.2	28.3	28.7	28.5	28.8	27.7	27.1	26.8	26.4	26.5	25.3	1979	5.4	4.7	3.9	4.3	3.9	4.4	4.1	5.5	8.6	5.7	4.8	6.4	6.5	
1980	20.8	24.3	22.9	23.1	23.1	20.8	19.5	18.7	19.2	19.3	18.2	19.9	20.3	1980	6.3	5.4	5.4	6.1	9.7	14.7	7.3	7.1	4.8	4.9	4.5	1.7	3.5	
1981		20.1	20.2	20.4										1981		4.7	4.9	5.3										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	213.33	207.76	209.32	214.20	208.95	210.93	213.33	210.14	213.19	217.88	216.41	214.52	224.13	1977	2.4	1.6	1.4	1.9	2.5	2.6	2.5	2.6	4.3	3.3	2.7	1.9	1.7	
1978	225.44	219.45	223.28	223.26	224.92	222.86	225.68	222.24	224.47	232.64	222.66	225.59	234.02	1978	2.9	1.7	1.8	3.0	2.9	3.2	2.8	3.2	5.0	3.1	3.6	2.5	1.4	
1979	240.56	218.95	230.47	229.51	218.67	232.20	236.38	235.30	237.07	304.16	244.67	249.25	254.15	1979	2.4	2.5	2.1	2.4	2.2	2.6	2.3	2.5	4.6	2.3	2.2	1.1	.9	
1980	257.80	245.12	250.37	250.14	258.40	263.65	260.25	255.30	255.30	258.31	260.94	265.73	272.50	1980	1.2	1.3	1.4	1.1	1.2	1.0	.7	1.2	1.5	1.3	1.3	1.1	.7	
1981		258.48	257.66	268.28										1981		1.6	1.3	1.3										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	5.32	5.22	5.22	5.25	5.25	5.26	5.32	5.32	5.29	5.42	5.37	5.39	5.48	1977	1.0	.3	.2	.1	4.2	.4	1.2	1.3	.7	.3	.9	.6	1.3	
1978	5.65	5.50	5.61	5.54	5.54	5.53	5.60	5.57	5.57	5.73	5.68	5.89	5.97	1978	.7	.3	1.7	.1	(^b)	.1	.2	.3	.5	.1	1.1	.2	3.3	
1979	6.09	5.87	5.94	5.90	5.91	6.00	6.03	6.08	6.11	6.22	6.21	6.31	6.50	1979	1.3	(^b)	(^b)	.1	(^b)	.4	.5	1.3	1.8	2.2	1.1	4.2	4.7	
1980	6.82	6.40	6.52	6.60	6.80	6.92	6.94	6.90	6.90	6.87	6.94	7.03	7.19	1980	4.4	3.2	3.1	3.9	7.7	12.9	5.9	5.1	2.4	2.9	2.4	.2	2.1	
1981		7.18	7.32	7.31										1981		2.5	2.9	3.0										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 372—AIRCRAFT AND PARTS														
1977	40.1	39.8	40.1	40.8	39.8	40.1	40.1	39.5	40.3	40.2	40.3	39.8	40.9	ALL EMPLOYEES—IN THOUSANDS														
1978	39.9	39.9	39.8	40.3	40.6	40.3	40.3	39.9	40.3	40.6	39.2	38.3	39.2	1977	481.7	484.3	482.8	474.8	486.3	485.9	490.8	493.4	486.4	495.2	462.1	459.6	478.7	
1979	39.5	37.3	38.8	38.9	37.0	38.7	39.2	38.7	38.8	48.9	39.4	39.5	39.1	1978	527.2	497.3	492.8	498.0	501.6	516.5	525.3	529.7	533.0	544.7	552.3	564.0	571.7	
1980	37.8	38.3	38.4	37.9	38.0	38.1	37.5	37.0	37.0	37.6	37.6	37.8	37.9	1979	610.8	578.5	587.1	593.4	598.4	602.4	608.2	612.9	613.1	624.1	630.1	638.9	642.9	
1981		36.0	35.2	36.7										1980	654.9	646.7	649.3	652.9	648.6	650.9	653.1	651.6	649.6	659.8	662.4	666.1	667.7	
														1981		668.3	663.7	664.5										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS														
1977	2.7	2.2	2.2	2.8	2.4	2.6	2.9	2.3	2.8	2.7	2.9	2.7	3.5	1977	79.0	78.0	77.7	77.6	79.1	78.9	80.4	81.5	80.8	81.7	76.2	76.2	79.8	
1978	3.1	3.2	3.4	3.1	3.0	2.7	3.3	3.0	3.0	3.7	2.7	3.1	3.2	1978	91.5	83.1	81.4	84.3	84.7	88.5	91.3	93.1	93.9	96.5	98.9	101.2	101.6	
1979	2.2	1.9	2.8	2.3	1.4	2.6	2.5	2.4	2.1	2.5	2.2	2.0	2.0	1979	112.4	104.3	106.6	108.0	109.6	110.7	112.4	114.3	113.5	116.0	116.6	117.9	118.6	
1980	1.3	1.5	1.6	1.5	1.3	1.1	1.0	.9	1.1	1.2	1.2	1.2	1.8	1980	119.6	119.3	118.6	119.6	118.4	118.5	118.6	121.2	117.5	119.7	120.4	121.2	121.7	
1981		.8	.7	.8										1981		123.6	123.3	124.4										

See footnotes at end of tables.

SIC 372
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 372—AIRCRAFT AND PARTS (Con.)														SIC 372—AIRCRAFT AND PARTS (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	246.8	250.3	249.5	240.4	251.7	250.7	253.1	253.8	250.9	257.8	230.9	229.1	243.0	1977	1.8	2.1	1.7	1.4	1.4	1.6	1.5	3.2	2.1	2.0	1.4	1.2	1.4
1978	275.4	255.0	250.0	253.8	256.2	269.5	273.8	275.4	278.6	288.2	294.2	301.9	307.8	1978	1.5	1.6	1.5	1.7	1.6	1.3	1.7	1.6	2.1	1.5	1.3	1.2	1.0
1979	332.1	313.3	318.7	322.9	326.4	328.7	330.8	331.6	329.6	335.4	343.3	350.5	354.2	1979	1.7	1.7	1.5	1.9	1.7	1.9	1.8	1.7	2.5	2.3	1.4	1.4	.9
1980	355.8	357.3	358.0	359.9	355.0	355.9	354.2	349.6	345.5	354.7	356.4	360.3	362.4	1980	1.6	1.7	1.7	1.8	1.8	1.8	1.6	1.6	2.2	1.6	1.5	1.2	.9
1981		361.7	359.1	355.6										1981		1.8	1.8	2.0									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	289.95	274.96	283.08	283.66	280.43	285.49	289.38	287.60	288.56	295.68	296.10	302.60	309.60	1977	.7	.5	.6	.5	.6	.7	.6	.8	1.0	.9	.6	.5	.4
1978	318.19	301.07	299.80	309.10	310.17	307.33	311.64	313.08	317.18	325.46	329.45	335.91	346.62	1978	.8	.7	.6	.8	.8	.7	.9	.9	1.3	1.0	.8	.6	.5
1979	351.05	341.12	342.71	341.97	321.94	339.75	343.48	346.88	345.27	355.31	364.66	373.67	387.63	1979	1.0	.9	.7	1.0	.9	1.0	1.0	1.0	1.5	1.4	.8	.8	.4
1980	389.76	371.36	375.24	376.00	373.09	380.38	383.22	383.05	392.29	394.90	400.32	417.05	429.84	1980	.8	.9	.8	.8	.8	.8	.8	.8	1.2	.9	.7	.5	.3
1981		413.40	413.34	417.00										1981		.6	.7	.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.92	6.69	6.74	6.77	6.79	6.83	6.89	6.93	6.97	7.04	7.05	7.12	7.20	1977	.6	.8	.5	.4	.3	.3	.3	1.9	.5	.6	.3	.2	.5
1978	7.54	7.22	7.33	7.29	7.35	7.37	7.42	7.49	7.57	7.64	7.77	7.83	7.95	1978	.2	.3	.3	.3	.2	.1	.1	.2	.1	(¹)	.1	.1	(¹)
1979	8.26	7.97	7.97	7.99	7.91	8.07	8.12	8.22	8.26	8.38	8.56	8.69	8.85	1979	.2	.2	.2	.3	.2	.2	.2	.1	.2	.2	.1	.1	(¹)
1980	9.28	8.80	8.85	8.91	8.99	9.10	9.19	9.32	9.43	9.47	9.60	9.79	9.95	1980	.3	.2	.2	.3	.5	.4	.3	.2	.4	.2	.3	.3	.1
1981		9.89	9.96	10.00										1981		.6	.4	.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3721—AIRCRAFT													
1977	41.9	41.1	42.0	41.9	41.3	41.8	42.0	41.5	41.4	42.0	42.0	42.5	43.0	ALL EMPLOYEES—IN THOUSANDS													
1978	42.2	41.7	40.9	42.4	42.2	41.7	42.0	41.8	41.9	42.6	42.4	42.9	43.6	1977	270.4	278.5	276.8	276.9	276.6	277.3	280.0	280.7	277.5	279.0	245.8	240.0	256.1
1979	42.5	42.8	43.0	42.8	40.7	42.1	42.3	42.2	41.8	42.4	42.6	43.0	43.8	1978	288.3	273.6	266.6	269.6	270.9	283.1	288.1	290.9	294.7	298.4	302.5	308.7	311.9
1980	42.0	42.2	42.4	42.2	41.5	41.8	41.7	41.1	41.6	41.7	41.7	42.6	43.2	1979	333.2	315.1	320.6	323.8	326.2	329.2	332.0	334.6	337.3	340.2	343.0	347.4	348.6
1981		41.8	41.5	41.7										1980	354.1	350.0	351.2	353.1	349.1	349.5	349.6	351.0	354.6	356.5	359.3	361.8	363.1
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		363.4	361.4	363.6									
1977	3.5	2.9	2.9	2.9	2.8	3.2	3.4	3.3	3.5	3.8	4.0	4.4	4.6	WOMEN EMPLOYEES—IN THOUSANDS													
1978	4.4	3.9	4.6	4.2	4.0	3.7	4.0	4.1	4.3	4.6	4.7	4.8	5.4	1977	45.6	46.0	45.9	46.0	46.5	46.3	47.2	47.8	47.3	47.3	41.6	40.9	43.9
1979	4.7	4.8	4.9	4.8	3.2	4.4	4.5	4.7	4.4	4.8	4.8	5.1	5.5	1978	52.0	46.9	44.8	47.4	47.1	50.1	52.0	53.3	54.4	55.4	56.8	58.1	57.6
1980	4.2	4.5	4.3	4.2	3.9	4.0	3.9	3.9	4.0	4.3	4.3	4.7	4.9	1979	63.7	59.7	60.8	61.6	62.4	63.1	63.5	64.8	65.7	65.4	65.5	65.8	65.8
1981		3.7	3.7	3.7										1980	64.6	65.9	64.8	65.6	64.0	63.6	63.3	65.7	63.4	63.6	64.5	65.0	65.3
ACCESSIONS PER 100 EMPLOYEES														1981		66.8	67.3	68.5									
1977	2.1	2.3	1.7	2.0	1.7	2.5	2.7	2.2	2.5	2.1	2.3	1.8	1.0	PRODUCTION WORKERS—IN THOUSANDS													
1978	2.6	2.4	2.2	2.6	2.5	2.6	3.3	2.9	3.2	2.8	2.9	2.4	1.4	1977	124.4	130.5	130.4	129.5	129.5	130.2	131.2	130.7	130.6	132.3	105.1	100.3	112.0
1979	2.7	3.4	2.6	2.9	2.7	3.0	3.2	2.8	2.9	3.2	2.2	2.4	1.0	1978	133.9	122.8	116.6	118.7	119.6	131.0	133.5	135.3	138.7	142.5	145.8	149.9	152.3
1980	1.9	2.5	2.1	2.5	1.8	1.8	2.4	1.9	2.1	2.0	1.7	1.5	.8	1979	165.9	155.4	158.5	160.2	161.8	163.4	164.5	165.4	166.9	170.1	172.4	175.7	176.7
1981		1.5	1.4	1.4										1980	176.0	177.8	177.6	178.2	174.0	173.9	171.8	170.9	173.4	176.3	177.9	179.8	180.9
NEW HIRES PER 100 EMPLOYEES														1981		180.1	179.6	177.2									
1977	1.4	1.1	1.0	1.1	1.1	1.6	1.9	1.4	1.7	1.6	1.6	1.4	.8	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	2.0	1.7	1.5	1.8	1.8	2.0	2.7	2.3	2.5	2.3	2.4	2.0	1.0	1977	296.23	284.83	289.80	290.37	287.16	293.15	296.52	296.36	298.16	301.26	300.00	305.11	311.58
1979	2.2	2.7	2.1	2.4	2.3	2.6	2.7	2.4	2.4	2.7	1.9	1.9	.8	1978	324.17	305.44	306.53	310.99	313.50	309.82	315.93	319.70	326.98	328.67	337.50	345.40	350.78
1980	1.5	2.0	1.7	2.0	1.5	1.4	1.9	1.4	1.5	1.6	1.2	1.1	.5	1979	359.55	351.05	352.67	349.80	334.15	349.44	351.53	356.59	356.59	360.81	375.28	383.02	387.82
1981		1.1	1.0	1.1										1980	404.21	380.80	386.97	383.64	383.64	391.94	397.99	400.31	408.10	409.76	420.09	435.63	445.22
RECALLS PER 100 EMPLOYEES														1981		429.73	430.76	433.89									
1977	.4	.5	.5	.5	.4	.5	.5	.5	.4	.3	.4	.3	.1	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.3	.4	.4	.4	.4	.3	.3	.2	.3	.2	.2	.1	.2	1977	7.07	6.88	6.90	6.93	6.97	7.03	7.06	7.09	7.15	7.19	7.16	7.23	7.28
1979	.2	.2	.2	.2	.1	.1	.2	.1	.2	.2	.1	.2	(¹)	1978	7.70	7.36	7.44	7.44	7.50	7.52	7.54	7.63	7.73	7.77	7.96	8.07	8.12
1980	.2	.2	.2	.2	.1	.1	.2	.2	.3	.2	.3	.2	.1	1979	8.50	8.26	8.24	8.25	8.19	8.32	8.33	8.43	8.47	8.55	8.83	8.97	9.04
1981		.2	.2	.2										1980	9.67	9.11	9.17	9.20	9.38	9.49	9.59	9.74	9.81	9.85	10.05	10.25	10.33
														1981		10.33	10.43	10.43									

See footnotes at end of tables.

MANUFACTURING

SIC 3724

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3721—AIRCRAFT (Con.)														SIC 3724—AIRCRAFT ENGINES AND ENGINE PARTS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	41.9	41.4	42.0	41.9	41.2	41.7	42.0	41.8	41.7	41.9	41.9	42.2	42.8	1977	120.9	119.7	120.2	111.5	121.7	119.2	119.7	120.8	118.3	123.4	123.2	125.5	127.0
1978	42.1	41.5	41.2	41.8	41.8	41.2	41.9	41.9	42.3	42.3	42.4	42.8	43.2	1978	133.5	126.4	127.7	128.4	129.7	131.1	133.2	134.0	131.9	136.9	138.2	141.1	143.6
1979	42.3	42.5	42.8	42.4	40.8	42.0	42.2	42.3	42.1	42.2	42.5	42.7	42.9	1979	151.6	145.1	146.4	147.8	149.1	149.0	150.8	151.8	149.6	154.8	155.7	158.6	159.9
1980	41.8	41.8	42.2	41.7	40.9	41.3	41.5	41.1	41.6	41.6	41.8	42.5	43.1	1980	161.3	161.4	160.9	161.5	160.1	161.2	162.3	160.3	154.5	163.0	162.5	163.3	164.0
1981		41.6	41.3	41.6										1981		165.0	163.2	162.5									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.8	2.6	2.4	2.4	2.3	2.5	2.8	2.7	2.9	3.0	3.1	3.4	3.7	1977	17.6	17.0	16.9	16.5	17.2	16.9	17.3	17.7	17.6	18.2	18.1	18.6	18.8
1978	3.6	3.2	3.6	3.3	3.2	2.9	3.2	3.2	3.9	3.8	4.0	4.0	4.4	1978	20.4	18.9	19.0	19.1	19.5	19.9	20.4	20.7	20.3	21.2	21.5	22.1	22.7
1979	4.1	4.3	4.3	4.3	3.0	4.0	4.0	4.2	4.1	4.2	4.3	4.3	4.4	1979	25.0	23.0	23.4	23.7	24.2	24.2	25.0	25.4	23.7	26.2	26.5	27.1	27.3
1980	3.5	3.8	3.5	3.3	3.1	3.2	3.3	3.1	3.2	3.7	3.7	4.0	4.2	1980	28.2	27.6	27.6	27.8	27.8	28.1	28.3	28.4	26.9	29.0	28.9	28.9	29.0
1981		3.2	3.2	3.2										1981		29.3	28.8	28.8									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	1.9	2.0	1.7	2.0	1.5	2.3	2.4	2.3	2.3	1.9	2.0	1.7	.9	1977	66.6	66.8	66.4	57.5	67.7	65.2	65.5	66.6	64.7	68.1	68.5	70.8	71.7
1978	2.5	2.6	2.2	2.6	2.4	2.7	3.3	2.9	3.1	2.8	2.7	2.2	1.1	1978	75.3	71.8	72.2	72.8	73.5	74.4	75.3	74.6	73.0	76.7	77.8	79.4	81.5
1979	2.4	3.4	2.4	2.7	2.4	2.5	3.0	2.6	2.6	2.8	1.5	1.9	.6	1979	86.4	82.5	83.8	85.1	86.1	86.0	86.6	86.1	83.4	84.0	88.6	91.4	92.8
1980	1.7	2.3	1.7	2.0	1.2	1.3	2.2	1.7	2.1	2.0	1.5	1.5	.6	1980	92.0	94.0	93.3	93.7	92.3	93.0	93.5	91.4	84.8	90.9	90.9	92.3	93.6
1981		1.4	1.2	1.1										1981		94.4	93.4	93.0									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.2	1.1	.9	.9	.9	1.5	1.6	1.3	1.5	1.3	1.3	1.2	.7	1977	291.87	270.68	284.81	285.11	280.85	283.32	288.14	284.61	285.53	300.72	303.16	309.33	319.27
1978	1.8	1.7	1.4	1.5	1.5	2.0	2.6	2.3	2.4	2.2	2.1	1.7	.7	1978	325.26	308.84	296.45	316.35	319.12	316.92	319.90	323.23	318.27	339.10	334.05	340.00	362.75
1979	1.9	2.6	1.8	2.1	1.9	2.1	2.4	2.2	2.2	2.3	1.2	1.4	.5	1979	360.82	351.35	349.29	353.50	321.19	346.11	351.12	355.73	350.88	375.82	378.32	380.03	412.52
1980	1.2	1.7	1.3	1.5	.9	1.0	1.6	1.2	1.5	1.5	1.0	1.0	.4	1980	393.76	383.87	381.18	386.62	376.74	384.47	382.12	383.80	395.38	399.78	398.55	416.93	434.52
1981		1.0	.7	.8										1981		412.17	409.63	412.49									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.4	.5	.4	.6	.3	.5	.6	.6	.4	.3	.4	.3	.1	1977	7.05	6.75	6.83	6.87	6.85	6.86	6.96	7.01	7.05	7.16	7.27	7.33	7.53
1978	.4	.5	.5	.6	.5	.3	.3	.3	.3	.3	.3	.2	.2	1978	7.80	7.46	7.68	7.55	7.58	7.60	7.69	7.77	7.82	7.96	8.03	8.00	8.32
1979	.2	.3	.3	.2	.1	.1	.2	.1	.2	.2	.1	.2	(⁵)	1979	8.53	8.19	8.18	8.24	8.07	8.30	8.38	8.49	8.60	8.74	8.86	8.90	9.27
1980	.2	.2	.2	.2	.1	.1	.3	.2	.3	.2	.3	.3	.1	1980	9.42	8.99	8.99	9.14	9.10	9.22	9.32	9.43	9.62	9.61	9.65	9.81	10.20
1981		.2	.3	.1										1981		9.98	10.04	10.11									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.8	1.8	1.7	1.3	1.3	1.6	1.4	3.8	2.1	2.3	1.3	1.0	1.7	1977	41.4	40.1	41.7	41.5	41.0	41.3	41.4	40.6	40.5	42.0	41.7	42.2	42.4
1978	1.3	1.5	1.4	1.5	1.3	1.1	1.3	1.4	1.8	1.3	1.1	1.0	.9	1978	41.7	41.4	38.6	41.9	42.1	41.7	41.6	41.6	40.7	42.6	41.6	42.5	43.6
1979	1.4	1.5	1.3	1.7	1.5	1.5	1.5	1.5	2.3	2.0	.8	1.1	.6	1979	42.3	42.9	42.7	42.9	39.8	41.7	41.9	41.9	40.8	43.0	42.7	42.7	44.5
1980	1.3	1.4	1.3	1.7	1.6	1.7	1.3	1.1	1.8	1.4	1.1	.9	.5	1980	41.8	42.7	42.4	42.3	41.4	41.7	41.0	40.7	41.1	41.6	41.3	42.5	42.6
1981		1.4	1.3	1.8										1981		41.3	40.8	40.8									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.6	.5	.5	.5	.5	.7	.6	.6	1.0	.9	.5	.4	.3	1977	3.9	2.7	3.1	2.9	3.1	3.8	3.8	4.0	4.6	4.7	5.0	5.0	
1978	.7	.7	.5	.7	.6	.6	.7	.8	1.2	.9	.6	.5	.4	1978	5.0	4.1	5.7	4.6	4.6	4.4	4.6	5.0	4.4	5.4	5.2	5.3	6.4
1979	.8	.8	.6	.8	.8	.8	.8	.9	1.5	1.3	.5	.6	.3	1979	5.1	5.2	5.2	5.3	2.6	4.7	4.9	5.2	4.6	5.5	5.3	5.9	7.0
1980	.7	.8	.7	.7	.6	.7	.7	.6	1.2	.8	.5	.4	.2	1980	5.0	5.1	5.0	5.0	4.4	4.7	4.4	4.8	5.0	5.0	4.9	5.6	5.7
1981		.6	.4	.7										1981		4.0	3.7	3.6									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	.8	.7	.4	.3	.3	.3	2.7	.6	1.0	.4	.2	.8	1977	1.7	2.5	1.2	1.4	1.4	2.0	2.5	1.5	2.1	1.7	2.0	1.4	1.0
1978	.1	.3	.4	.3	.2	.1	.1	.1	.1	(⁵)	.1	.1	(⁵)	1978	2.0	1.5	1.5	1.8	1.9	2.1	2.8	2.1	2.2	2.1	2.4	2.1	1.6
1979	.2	.2	.2	.4	.2	.2	.2	.1	.2	.2	(⁵)	.1	(⁵)	1979	2.1	2.2	2.1	2.3	1.7	2.6	2.6	2.2	2.5	2.6	2.1	1.9	1.0
1980	.3	.1	.1	.4	.7	.6	.2	.1	.2	.2	(⁵)	.2	(⁵)	1980	1.5	1.7	1.7	2.0	1.5	1.5	1.9	1.3	1.5	1.5	1.1	1.1	.8
1981		.4	.4	.6										1981		1.1	1.0	1.1									

See footnotes at end of tables.

SIC 3724
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3724—AIRCRAFT ENGINES AND ENGINE PARTS (Con.)														SIC 3728—AIRCRAFT EQUIPMENT, NEC (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.1	0.6	0.5	0.7	0.8	1.2	1.8	1.0	1.5	1.3	1.5	1.0	0.7	1977	273.70	256.87	262.48	264.80	262.92	270.72	273.71	268.97	269.19	277.91	280.50	291.02	295.92
1978	1.6	1.2	1.2	1.4	1.4	1.7	2.3	1.7	1.7	1.7	2.0	1.7	1.2	1978	298.68	283.90	291.17	296.56	294.87	291.64	294.46	289.80	295.25	303.26	305.58	311.03	321.29
1979	1.7	1.8	1.8	1.8	1.4	2.1	2.2	1.8	1.7	2.1	1.7	1.5	.7	1979	322.39	310.03	315.64	311.61	298.27	312.87	318.63	317.58	316.83	321.56	328.70	347.51	360.10
1980	1.0	1.2	1.3	1.5	1.2	1.1	1.4	.9	.8	1.1	.7	.7	.4	1980	357.41	338.30	345.35	348.68	348.82	354.32	354.84	346.52	359.12	359.94	363.74	379.69	394.71
1981		.7	.7	.7										1981		379.14	381.74	387.43									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.3	.5	.4	.3	.3	.4	.3	.2	.3	.2	.2	.1	(⁵)	1977	6.44	6.16	6.22	6.26	6.29	6.34	6.41	6.45	6.44	6.57	6.60	6.69	6.68
1978	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	(⁵)	.1	1978	6.93	6.68	6.74	6.74	6.81	6.83	6.88	6.90	6.98	7.02	7.09	7.15	7.22
1979	.1	.1	(⁵)	.1	.1	.1	.1	.1	.2	.1	.1	.1	(⁵)	1979	7.48	7.16	7.19	7.18	7.17	7.31	7.41	7.49	7.49	7.62	7.68	7.88	8.02
1980	.1	.1	.1	.1	(⁵)	.1	.1	.1	.4	.1	.1	.1	(⁵)	1980	8.39	7.96	8.05	8.09	8.15	8.24	8.31	8.37	8.51	8.57	8.64	8.83	8.93
1981		.1	.1	.1										1981		8.90	8.94	9.01									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.3	2.6	1.6	1.0	1.1	1.1	1.3	1.8	1.5	1.1	1.0	.8	.8	1977	42.5	41.7	42.2	42.3	41.8	42.7	42.7	41.7	41.8	42.3	42.5	43.5	44.3
1978	1.2	1.0	1.2	1.3	1.2	1.0	1.3	1.4	1.6	1.2	1.0	1.1	.8	1978	43.1	42.5	43.2	44.0	43.3	42.7	42.8	42.0	42.3	43.2	43.1	43.5	44.5
1979	1.3	1.2	1.2	1.3	1.2	1.5	1.2	1.4	1.9	1.9	1.3	.8	.9	1979	43.1	43.3	43.9	43.4	41.6	42.8	43.0	42.4	42.3	42.2	42.8	44.1	44.9
1980	1.3	1.3	1.3	1.3	1.2	1.3	1.4	1.4	1.5	1.3	1.6	.9	.9	1980	42.6	42.5	42.9	43.1	42.8	43.0	42.7	41.4	42.2	42.0	42.1	43.0	44.2
1981		1.5	1.9	2.0										1981		42.6	42.7	43.0									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.5	.3	.8	.3	.5	.4	.4	.8	.7	.5	.4	.3	.2	1977	4.5	3.9	3.8	4.1	3.8	4.1	4.3	4.2	4.4	4.9	4.9	5.5	5.9
1978	.5	.4	.5	.4	.5	.4	.6	.5	.7	.7	.5	.4	.3	1978	5.3	5.0	5.2	5.2	5.0	4.5	5.0	4.8	5.1	5.6	5.6	5.8	6.4
1979	.6	.5	.5	.6	.6	.6	.6	.6	.8	.8	.6	.4	.3	1979	5.3	5.3	5.7	5.4	4.1	5.0	5.3	5.2	4.9	5.5	5.5	5.9	6.3
1980	.5	.4	.5	.5	.4	.5	.5	.5	.7	.6	.5	.4	.2	1980	4.9	5.1	5.2	5.2	4.9	4.8	4.6	4.5	4.6	4.9	4.8	5.1	5.7
1981		.4	.8	.5										1981		4.5	4.6	4.7									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.2	.6	.2	.2	.1	.2	.2	.3	.2	.1	.1	.1	.1	1977	3.0	2.9	2.8	2.8	2.9	3.6	3.7	3.0	3.4	3.3	3.5	2.8	1.4
1978	.1	.1	.1	.3	.1	.1	.1	.4	.2	(⁵)	(⁵)	(⁵)	(⁵)	1978	3.5	3.2	3.0	3.5	3.3	3.1	3.9	3.7	4.6	3.8	4.2	3.3	2.0
1979	.1	.1	.1	.1	.1	.1	.1	.2	.4	.3	.1	(⁵)	.1	1979	4.2	4.7	3.5	4.1	4.6	4.7	4.5	4.1	4.3	5.2	4.3	4.1	1.9
1980	.2	.2	.2	.2	.2	.1	.2	.1	.2	.1	.4	.1	.1	1980	3.1	4.0	3.8	4.2	3.7	3.2	3.4	3.1	2.6	2.8	2.7	2.0	1.2
1981		.5	.2	.8										1981		2.2	2.4	2.7									
SIC 3728—AIRCRAFT EQUIPMENT, NEC														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.3	2.1	1.9	2.1	2.1	2.7	2.8	2.3	2.7	2.7	2.7	2.3	1.2
1977	90.4	86.1	85.8	86.4	88.0	89.4	91.1	91.9	90.6	92.8	93.1	94.1	95.6	1978	3.0	2.6	2.4	3.0	2.9	2.6	3.3	3.2	4.0	3.4	3.8	3.0	1.8
1978	105.5	97.3	98.5	100.0	101.0	102.3	104.0	104.8	106.4	109.4	111.6	114.2	116.2	1979	3.8	4.2	3.2	3.9	4.3	4.3	4.2	3.7	3.9	4.7	3.9	3.7	1.6
1979	126.1	118.3	120.1	121.8	123.1	124.2	125.4	126.5	126.2	129.1	131.4	132.9	134.4	1980	2.7	3.6	3.4	3.9	3.4	2.8	3.0	2.7	2.1	2.3	2.2	1.7	1.0
1980	139.6	135.3	137.2	138.3	139.4	140.2	141.2	140.3	140.5	140.3	140.6	141.0	140.6	1981		1.7	2.1	2.2									
1981		139.9	139.1	138.4																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	15.9	15.0	14.9	15.1	15.4	15.7	15.9	16.0	15.9	16.2	16.5	16.7	17.1	1977	.6	.7	.7	.6	.7	.8	.7	.5	.6	.5	.7	.4	.1
1978	19.1	17.3	17.6	17.8	18.1	18.5	18.9	19.1	19.2	19.9	20.6	21.0	21.3	1978	.3	.4	.4	.3	.3	.4	.4	.3	.4	.3	.2	.1	.1
1979	23.7	21.6	22.4	22.7	23.0	23.4	23.9	24.1	24.1	24.4	24.6	25.0	25.5	1979	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2
1980	26.8	25.8	26.2	26.2	26.6	26.8	27.0	27.1	27.2	27.1	27.0	27.3	27.4	1980	.2	.2	.2	.2	.2	.2	.2	.2	.4	.4	.4	.2	.1
1981		27.5	27.2	27.1										1981		.4	.2	.4									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	55.8	53.0	52.7	53.4	54.5	55.3	56.4	56.5	55.6	57.4	57.3	58.0	59.3	1977	2.3	2.5	1.8	2.3	2.2	2.2	2.3	3.4	2.8	2.4	2.3	2.0	1.6
1978	66.2	60.4	61.2	62.3	63.1	64.1	65.0	65.5	66.9	69.0	70.6	72.6	74.0	1978	2.5	2.7	2.2	2.9	2.9	2.0	3.3	2.6	3.4	2.5	2.3	2.1	1.6
1979	79.8	75.4	76.4	77.6	78.5	79.3	79.7	80.1	79.3	81.3	82.3	83.4	84.7	1979	2.9	2.7	2.5	3.0	2.9	3.4	3.3	2.8	3.8	3.7	2.9	2.7	1.6
1980	87.8	85.5	87.1	88.0	88.7	89.0	88.9	87.3	87.3	87.5	87.6	88.2	87.9	1980	2.7	2.8	3.0	2.8	2.9	2.7	2.5	2.9	3.8	2.5	2.4	2.1	1.7
1981		87.2	86.1	85.4										1981		3.1	2.8	2.4									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3728—AIRCRAFT EQUIPMENT, NEC (Con.)														SIC 373—SHIP AND BOAT BUILDING AND REPAIRING (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.1	0.9	0.9	1.0	1.1	1.1	1.1	1.3	1.5	1.5	1.2	1.0	0.7	1977	3.0	2.8	3.2	2.8	3.4	3.3	3.1	2.9	2.8	3.0	3.1	2.7	2.9
1978	1.5	1.3	1.1	1.5	1.6	1.2	2.0	1.6	2.2	1.7	1.6	1.3	.8	1978	2.7	2.2	2.4	2.5	2.9	2.8	2.7	2.9	2.5	2.5	2.8	2.6	3.1
1979	1.8	1.7	1.4	1.8	1.7	2.0	2.2	1.8	2.5	2.5	1.7	1.7	.9	1979	3.1	2.9	2.6	2.7	2.1	3.0	2.9	3.2	3.4	3.7	3.8	3.2	3.7
1980	1.4	1.7	1.5	1.6	1.6	1.4	1.3	1.6	1.8	1.4	1.3	.8	.6	1980	3.6	3.7	3.5	3.3	3.5	3.4	3.5	3.7	3.3	4.0	4.0	3.7	3.9
1981		1.0	1.2	1.1										1981		3.9	3.7	4.0									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	.9	.4	.7	.5	.5	.4	1.5	.6	.3	.4	.4	.2	1977	6.8	6.5	6.6	6.4	6.1	6.5	8.2	7.3	7.4	7.7	7.6	6.3	5.5
1978	.2	.6	.4	.4	.5	.2	.2	.1	.1	.1	.1	.2	(*)	1978	6.8	7.0	7.1	7.5	7.1	5.7	6.8	8.0	7.5	7.8	7.1	5.3	4.6
1979	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.3	.1	.1	1979	6.8	6.7	6.0	8.1	6.6	6.5	7.2	7.8	8.3	8.1	7.3	5.1	3.6
1980	.5	.3	.5	.3	.2	.4	.5	.4	1.1	.3	.4	.7	.5	1980	5.8	7.7	6.5	5.7	5.0	4.8	5.8	7.4	5.8	6.2	6.4	4.6	3.6
1981		1.3	.8	.6										1981		5.6	5.9	5.4									
SIC 373—SHIP AND BOAT BUILDING AND REPAIRING														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	223.8	219.0	216.8	223.8	224.2	224.5	224.4	224.7	218.8	219.0	229.1	230.3	231.4	1977	4.0	3.7	3.6	3.7	3.9	4.7	4.0	3.9	4.9	4.5	4.1	3.6	2.8
1978	226.3	225.6	226.7	227.1	229.4	227.8	227.5	222.1	221.9	225.0	226.9	226.2	229.6	1978	3.8	3.0	3.7	3.9	4.1	3.6	3.7	4.4	4.9	4.7	4.5	2.9	2.5
1979	226.4	225.3	222.5	223.1	222.5	227.6	227.4	225.0	225.6	229.7	230.2	231.0	226.9	1979	4.0	4.1	3.8	4.7	4.1	4.1	4.8	3.7	4.9	4.5	4.8	2.9	1.8
1980	219.7	224.9	226.3	225.7	222.2	216.2	213.9	215.0	210.4	214.2	220.6	223.7	223.0	1980	3.0	3.8	3.4	2.8	2.6	2.8	2.9	3.4	3.1	3.6	2.9	2.6	1.8
1981		223.2	226.1	228.9										1981		2.8	3.2	3.3									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	22.8	21.1	21.6	22.2	22.5	22.3	23.2	23.5	23.2	23.1	23.7	23.6	23.1	1977	2.6	2.8	2.8	2.6	2.2	1.8	3.6	3.0	2.2	2.7	3.2	2.2	2.5
1978	23.4	22.6	22.7	22.9	23.1	23.2	23.4	23.0	23.2	23.8	24.0	24.1	24.5	1978	2.8	3.7	3.1	3.4	2.5	1.9	2.9	3.4	2.4	3.1	2.5	2.2	2.0
1979	24.5	24.6	24.2	24.4	24.1	24.6	24.7	24.1	23.8	25.4	25.0	24.7	23.9	1979	2.6	2.4	2.1	3.3	2.4	2.2	2.2	4.0	3.3	3.4	2.3	2.0	1.7
1980	21.9	23.8	24.1	22.8	21.9	21.1	20.9	21.0	20.6	20.9	21.8	21.9	22.1	1980	2.7	3.6	2.9	2.8	2.3	1.9	2.7	3.9	2.6	2.5	3.4	1.9	1.7
1981		22.2	22.9	23.6										1981		2.8	2.6	2.0									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	180.6	178.2	176.1	181.8	181.2	181.5	180.6	181.1	175.7	175.3	183.1	185.5	186.8	1977	6.5	7.3	6.0	5.4	5.3	6.0	6.8	7.2	7.3	7.6	7.6	6.0	5.4
1978	182.0	181.4	181.9	182.3	184.5	183.6	183.0	178.8	178.4	180.7	182.7	181.8	185.1	1978	6.8	7.9	6.3	6.7	7.5	6.9	7.9	7.3	7.8	6.2	6.2	5.7	5.6
1979	181.6	180.9	177.5	178.2	177.7	182.7	182.9	181.4	180.5	183.5	185.6	185.9	182.1	1979	6.6	6.5	5.7	6.4	6.6	7.7	7.5	6.1	8.2	5.8	7.2	6.6	5.4
1980	174.8	179.5	181.2	180.1	177.0	172.3	169.9	169.9	165.6	169.4	176.3	179.1	177.8	1980	6.1	6.7	6.5	7.1	8.0	6.8	6.8	5.1	6.0	5.5	6.5	3.9	4.3
1981		177.9	180.4	182.5										1981		5.5	4.7	4.8									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	235.41	224.07	231.85	228.54	234.02	234.63	236.41	232.05	230.62	240.98	243.32	244.28	245.00	1977	2.4	1.7	1.8	2.2	2.5	2.5	2.3	2.3	3.7	3.1	2.6	2.3	1.6
1978	256.23	235.88	242.18	249.23	253.74	251.55	254.02	253.36	255.81	265.99	266.51	265.38	279.97	1978	2.6	2.4	2.0	2.5	3.0	2.7	3.1	2.8	3.6	2.9	2.8	2.0	1.6
1979	284.93	272.05	273.22	277.11	262.07	284.49	273.67	273.26	293.27	288.32	301.79	305.52	314.16	1979	2.3	2.2	2.2	2.0	2.4	2.8	2.7	2.4	3.0	2.4	3.0	1.8	1.3
1980	332.92	305.34	319.06	323.97	327.64	330.07	333.74	332.05	330.04	344.83	349.76	346.32	354.38	1980	1.7	2.0	1.9	2.0	2.0	1.8	1.7	1.7	2.0	1.8	1.5	1.2	.9
1981		350.92	345.93	363.44										1981		1.6	1.5	1.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 3731—SHIP BUILDING AND REPAIRING													
1977	5.99	5.82	5.84	5.83	5.88	5.94	5.97	5.95	5.99	6.07	6.16	6.20	6.25	1977	2.7	4.3	2.7	1.9	1.6	2.4	3.1	3.3	1.8	3.0	3.6	2.4	2.9
1978	6.57	6.29	6.39	6.44	6.44	6.45	6.48	6.53	6.61	6.70	6.73	6.77	6.93	1978	3.0	4.6	3.2	3.0	3.1	2.8	3.4	2.9	2.8	2.0	2.2	2.8	3.1
1979	7.25	6.94	6.97	6.98	6.97	7.13	7.09	7.21	7.35	7.45	7.47	7.60	7.70	1979	3.0	3.1	2.3	3.1	2.9	3.5	3.5	2.6	3.6	2.2	2.6	3.9	3.3
1980	8.20	7.73	7.82	7.96	8.07	8.17	8.16	8.26	8.21	8.39	8.51	8.53	8.56	1980	3.3	3.6	3.4	3.8	4.6	3.9	4.0	2.3	2.8	2.8	3.9	1.9	2.5
1981		8.58	8.67	8.80										1981		2.8	2.2	2.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	39.3	38.5	39.7	39.2	39.8	39.5	39.6	39.0	38.5	39.7	39.5	39.4	39.2	1977	174.1	170.9	167.9	173.8	173.6	173.8	173.7	175.4	170.3	169.5	179.1	180.0	180.8
1978	39.0	37.5	37.9	38.7	39.4	39.0	39.2	38.8	38.7	39.7	39.6	39.2	40.4	1978	172.0	174.7	174.4	173.1	174.2	171.7	171.7	168.5	168.2	170.7	171.7	170.8	174.0
1979	39.3	39.2	39.2	39.7	37.6	39.9	38.6	37.9	39.9	38.7	40.4	40.2	40.8	1979	173.3	169.4	165.1	164.9	164.0	171.8	174.3	173.6	176.7	179.7	179.9	181.9	178.5
1980	40.6	39.5	40.8	40.7	40.6	40.4	40.9	40.2	40.2	41.1	41.1	40.6	41.4	1980	175.7	177.0	178.2	178.4	177.6	174.9	173.6	174.7	169.3	171.7	176.9	178.5	177.4
1981		40.9	39.9	41.3										1981		178.6	179.7	180.9									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3731—SHIP BUILDING AND REPAIRING (Con.)														SIC 3731—SHIP BUILDING AND REPAIRING (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	14.6	13.2	13.4	13.8	14.2	14.3	15.0	15.4	15.1	14.8	15.5	15.4	15.1	1977	3.1	3.5	2.9	3.0	2.5	2.2	4.4	3.5	2.6	3.4	3.9	2.7	2.9
1978	14.8	14.7	14.7	14.6	14.8	14.6	14.8	14.6	14.6	15.0	15.0	15.2	15.3	1978	3.4	4.4	3.7	4.1	3.1	2.4	3.7	4.3	3.0	3.8	3.2	2.8	2.5
1979	16.0	15.1	14.5	14.7	14.6	15.7	16.5	16.2	16.3	17.5	17.1	17.2	16.7	1979	3.1	3.0	2.7	4.3	3.1	2.7	2.6	4.6	3.6	3.7	2.6	2.3	1.8
1980	16.0	16.7	16.9	16.1	16.0	15.8	15.8	16.1	15.3	15.2	15.9	15.9	16.0	1980	2.8	3.1	3.1	3.1	2.3	2.0	2.8	4.1	2.2	2.6	3.7	2.1	2.1
1981		16.2	16.6	16.9										1981		3.1	2.9	2.2									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	139.5	138.6	135.7	140.2	139.2	139.4	138.6	140.3	135.8	134.9	142.2	144.3	145.3	1977	6.7	7.0	6.4	5.6	5.3	5.8	6.7	7.7	7.5	8.1	8.4	6.3	5.8
1978	137.3	139.6	139.1	137.9	138.9	137.2	137.3	135.0	134.6	136.3	137.2	136.1	138.9	1978	7.2	9.0	6.9	7.2	7.9	7.4	8.0	7.9	7.5	6.0	6.6	6.0	5.7
1979	137.9	134.9	129.9	130.2	129.3	136.8	139.5	139.4	140.9	142.3	144.0	145.2	142.0	1979	6.6	7.0	6.1	7.2	6.5	7.0	7.1	5.7	7.6	6.1	6.9	6.8	5.2
1980	138.8	139.9	141.4	141.6	140.6	138.7	137.2	137.6	132.3	134.6	140.4	141.6	140.1	1980	5.7	6.2	6.0	6.3	5.9	5.6	6.6	4.7	5.8	5.7	7.0	3.9	4.3
1981		141.0	141.8	142.4										1981		5.2	4.8	5.0									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	250.19	237.31	248.40	242.65	250.00	249.88	252.57	246.09	245.36	254.87	257.15	257.68	258.06	1977	2.2	1.4	1.6	2.0	2.3	2.3	2.0	2.1	3.6	3.0	2.6	2.2	1.5
1978	271.52	249.08	256.28	263.81	268.13	266.56	269.40	267.80	270.97	283.06	283.93	282.30	300.37	1978	2.2	2.3	1.8	2.1	2.6	2.4	2.6	2.5	2.9	2.4	2.4	1.6	1.3
1979	302.97	291.95	294.71	297.75	280.13	304.31	287.96	286.90	309.14	302.61	319.09	321.98	330.87	1979	2.1	2.0	2.0	2.1	2.1	2.3	2.3	2.2	2.7	2.0	2.8	1.5	1.0
1980	348.84	322.78	336.61	339.85	343.97	345.98	346.88	347.44	343.71	359.68	365.44	363.53	369.22	1980	1.5	1.8	1.6	1.8	1.6	1.6	1.6	1.4	1.8	1.6	1.3	1.0	.8
1981		368.26	360.48	383.05										1981		1.4	1.1	1.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.35	6.18	6.21	6.19	6.25	6.31	6.33	6.31	6.34	6.42	6.51	6.54	6.60	1977	3.1	4.3	3.3	2.3	1.9	2.4	3.2	3.8	2.1	3.4	4.2	2.7	3.4
1978	6.98	6.66	6.78	6.87	6.84	6.87	6.89	6.92	7.02	7.13	7.17	7.22	7.38	1978	3.7	5.8	3.9	3.9	3.9	3.6	4.1	3.7	3.3	2.4	2.8	3.5	3.5
1979	7.67	7.41	7.48	7.50	7.47	7.57	7.46	7.57	7.69	7.86	7.84	7.95	8.07	1979	3.3	3.9	2.9	3.9	3.3	3.4	3.5	2.4	3.1	2.7	2.4	4.3	3.4
1980	8.55	8.11	8.21	8.35	8.41	8.48	8.44	8.60	8.55	8.73	8.87	8.91	8.94	1980	3.2	3.3	3.3	3.2	3.2	3.0	4.1	2.3	3.0	3.1	4.6	2.1	2.6
1981		8.96	9.08	9.23										1981		2.7	2.6	2.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3732—BOAT BUILDING AND REPAIRING													
1977	39.4	38.4	40.0	39.2	40.0	39.6	39.9	39.0	38.7	39.7	39.5	39.4	39.1	ALL EMPLOYEES—IN THOUSANDS													
1978	38.9	37.4	37.8	38.4	39.2	38.8	39.1	38.7	38.6	39.7	39.6	39.1	40.7	1977	49.8	48.1	48.9	50.0	50.6	50.7	50.7	49.3	48.5	49.5	50.0	50.3	50.6
1979	39.5	39.4	39.4	39.7	37.5	40.2	38.6	37.9	40.2	38.5	40.7	40.5	41.0	1978	54.3	50.9	52.3	54.0	55.2	56.1	55.8	53.6	53.7	54.3	55.2	55.4	55.6
1980	40.8	39.8	41.0	40.7	40.9	40.8	41.1	40.4	40.2	41.2	41.2	40.8	41.3	1979	53.1	55.9	57.4	58.2	58.5	55.8	53.1	51.4	48.9	50.0	50.3	49.1	48.4
1981		41.1	39.7	41.5										1980	44.0	47.9	48.1	47.3	44.6	41.3	40.3	40.3	41.1	42.5	43.7	45.2	45.6
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		44.6	46.4	48.0									
1977	3.2	3.0	3.5	3.0	3.6	3.4	3.4	3.1	2.9	3.1	3.3	2.8	3.1	PRODUCTION WORKERS—IN THOUSANDS													
1978	2.7	2.2	2.4	2.3	2.9	2.7	2.7	2.9	2.6	2.3	2.8	2.7	3.2	1977	41.0	39.6	40.4	41.6	42.0	42.1	42.0	40.8	39.9	40.4	40.9	41.2	41.5
1979	3.3	2.9	2.6	2.7	2.2	3.2	3.1	3.4	3.7	4.0	4.1	3.4	3.9	1978	44.7	41.8	42.8	44.4	45.6	46.4	45.7	43.8	43.8	44.4	45.5	45.7	46.2
1980	3.7	3.9	3.6	3.4	3.6	3.5	3.9	3.2	4.0	4.0	4.0	3.9	4.0	1979	43.7	46.0	47.6	48.0	48.4	45.9	43.4	42.0	39.6	41.2	41.6	40.7	40.1
1981		4.1	3.7	4.1										1980	36.0	39.6	39.8	38.5	36.4	33.6	32.7	32.3	33.3	34.8	35.9	37.5	37.7
ACCESSIONS PER 100 EMPLOYEES														1981		36.9	38.6	40.1									
1977	7.2	6.7	6.2	6.3	6.2	7.0	9.3	8.0	7.8	8.3	8.4	6.9	5.8	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	6.9	7.0	7.3	7.5	7.1	5.7	7.2	8.3	7.2	7.8	7.2	5.3	4.9	1977	186.90	176.02	177.70	179.40	182.28	184.55	184.78	184.00	183.26	194.04	195.13	198.29	201.39
1979	7.1	6.7	6.0	8.2	7.1	6.6	7.9	8.8	8.8	8.4	7.6	5.3	3.7	1978	207.37	190.01	195.97	205.37	209.08	206.85	208.30	207.48	207.58	212.65	212.51	213.01	218.23
1980	5.7	7.0	6.5	5.9	5.0	5.0	5.9	7.5	5.2	6.0	6.2	4.4	3.7	1979	230.10	215.51	216.12	221.29	212.81	225.62	227.15	224.85	237.51	240.56	244.11	248.61	253.37
1981		5.6	5.9	4.9										1980	271.72	246.52	256.80	263.90	264.77	265.69	277.31	268.21	274.00	284.82	285.63	282.49	295.18
NEW HIRES PER 100 EMPLOYEES														1981		285.73	291.51	293.94									
1977	3.9	3.2	3.2	3.3	3.7	4.8	4.2	4.1	4.8	4.6	4.1	3.7	2.7	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	3.2	2.3	3.3	3.2	3.4	3.0	3.2	3.8	4.1	3.9	4.0	2.4	2.3	1977	4.78	4.56	4.58	4.60	4.65	4.72	4.75	4.73	4.81	4.90	4.94	5.02	5.06
1979	3.8	3.5	3.2	3.9	3.7	3.7	5.0	4.1	5.0	4.5	4.9	2.9	1.8	1978	5.29	5.04	5.13	5.16	5.24	5.25	5.26	5.32	5.35	5.37	5.38	5.42	5.54
1980	2.8	3.7	3.1	2.6	2.5	2.8	2.9	3.3	2.9	3.4	2.3	2.2	1.5	1979	5.90	5.54	5.57	5.56	5.63	5.80	5.90	5.98	6.09	6.09	6.18	6.31	6.35
1981		2.4	2.9	2.7										1980	6.81	6.37	6.42	6.50	6.72	6.83	6.95	6.79	6.85	7.05	7.07	7.08	7.13
														1981		7.09	7.18	7.24									

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3732—BOAT BUILDING AND REPAIRING (Con.)														SIC 374—RAILROAD EQUIPMENT													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	39.1	38.6	38.8	39.0	39.2	39.1	38.9	38.9	38.1	39.6	39.5	39.5	39.8	1977	56.0	52.8	52.9	54.0	54.5	56.5	58.0	59.6	60.1	62.0	53.4	53.9	54.6
1978	39.2	37.7	38.2	39.8	39.9	39.4	39.6	39.0	38.8	39.6	39.5	39.3	39.4	1978	63.9	55.1	55.7	56.7	62.9	63.6	65.5	64.5	65.5	67.0	68.8	70.5	71.3
1979	39.0	38.9	38.8	39.8	37.8	38.9	38.5	37.6	39.0	39.5	39.5	39.4	39.9	1979	74.3	71.8	71.6	72.6	73.0	73.2	73.6	74.4	74.4	75.6	76.8	77.0	77.4
1980	39.9	38.7	40.0	40.6	39.4	38.9	39.9	39.5	40.0	40.4	40.4	39.9	41.4	1980	69.4	76.8	75.8	75.4	74.9	74.4	72.3	67.8	66.9	66.0	62.3	60.1	59.6
1981		40.3	40.6	40.6										1981		58.4	56.9	53.4									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.5	2.1	2.5	2.4	2.6	2.8	2.4	2.3	2.2	2.8	2.6	2.5	2.4	1977	4.9	4.5	4.5	4.7	4.8	5.0	5.1	5.2	5.2	5.3	4.9	5.0	5.0
1978	2.7	2.3	2.3	2.9	3.0	2.8	2.5	2.9	2.4	3.0	2.8	2.4	2.8	1978	5.7	5.0	5.1	5.2	5.5	5.7	5.8	5.7	5.8	5.9	6.0	6.1	6.1
1979	2.5	2.9	2.6	2.7	1.9	2.6	2.3	2.2	2.5	2.6	2.7	2.6	2.8	1979	6.6	5.7	6.2	6.3	6.5	6.5	6.6	6.7	6.8	6.8	7.0	7.1	7.1
1980	3.3	3.0	3.1	3.1	3.1	2.9	3.3	3.3	3.4	3.8	3.7	3.3	3.7	1980	6.8	7.1	7.1	7.2	7.1	7.1	7.0	6.7	6.5	6.5	6.4	6.2	6.1
1981		3.2	3.5	3.6										1981		5.9	5.7	5.5									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.4	5.8	7.8	6.9	5.9	4.8	4.6	4.8	6.0	5.5	4.7	4.1	4.2	1977	41.3	39.0	38.9	39.8	40.1	41.8	42.9	44.3	44.4	46.1	39.1	39.2	39.6
1978	6.5	6.8	6.1	7.3	7.2	5.8	5.6	7.0	8.2	8.1	6.7	5.2	3.7	1978	48.0	40.0	40.6	41.1	47.2	47.6	49.1	48.2	49.3	51.3	52.4	54.0	54.8
1979	5.7	6.8	6.0	7.6	5.4	6.0	4.8	4.4	6.4	7.1	6.1	4.2	3.0	1979	57.3	55.5	55.2	56.1	56.2	56.3	56.4	57.0	57.2	58.4	59.5	59.9	60.3
1980	6.2	9.9	6.5	5.1	5.0	4.4	5.4	6.6	8.1	6.6	7.4	5.4	3.4	1980	52.2	59.9	58.4	57.9	57.3	56.6	54.8	50.2	49.7	48.9	45.6	43.6	43.2
1981		5.5	6.3	7.2										1981		42.4	41.1	37.7									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.3	5.3	5.0	5.3	4.8	4.4	3.5	3.4	5.2	4.4	3.9	3.4	3.1	1977	290.07	266.88	263.89	284.92	268.28	284.49	292.41	291.53	295.14	295.25	303.06	309.37	324.66
1978	5.7	5.5	5.0	6.0	6.3	5.3	5.0	6.2	7.5	7.1	6.1	4.7	3.4	1978	320.00	308.11	308.00	312.38	308.43	310.40	317.18	314.02	306.75	321.60	329.11	336.36	358.26
1979	4.5	5.9	5.4	7.0	5.1	5.3	3.9	2.5	4.2	4.8	4.7	3.0	1.8	1979	372.94	349.32	356.04	361.47	351.20	359.96	365.03	381.55	375.58	383.05	390.83	396.45	395.91
1980	3.8	4.3	4.4	3.2	2.7	2.8	3.1	3.6	4.1	4.2	5.3	4.3	3.0	1980	388.86	374.14	375.54	376.89	378.46	376.74	382.78	387.83	393.12	405.97	403.65	409.62	419.69
1981		4.2	4.6	5.9										1981		396.52	400.82	414.02									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.9	.4	2.6	1.4	1.0	.3	1.0	1.2	.7	.5	.6	.6	1.0	1977	7.27	6.95	6.89	7.07	7.06	7.13	7.22	7.27	7.36	7.29	7.52	7.62	7.73
1978	.6	1.1	.9	1.2	.7	.3	.5	.6	.5	.9	.5	.4	.2	1978	8.02	7.82	7.70	7.79	7.73	7.76	7.89	7.97	8.03	8.04	8.29	8.43	8.53
1979	1.0	.8	.5	.5	.3	.6	.8	1.8	2.0	2.2	1.2	1.1	1.2	1979	9.03	8.52	8.60	8.71	8.78	8.91	8.86	9.02	9.05	9.32	9.35	9.53	9.54
1980	2.3	5.4	2.0	1.8	2.2	1.6	2.2	2.9	4.0	2.4	1.8	1.0	.3	1980	9.92	9.52	9.58	9.59	9.63	9.76	9.84	9.97	10.08	10.33	10.35	10.37	10.44
1981		1.2	1.6	1.2										1981		10.49	10.66	10.81									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.7	8.4	4.6	4.5	5.2	6.9	7.2	5.6	6.9	5.9	5.0	4.6	3.8	1977	39.9	38.4	38.3	40.3	38.0	39.9	40.5	40.1	40.1	40.5	40.3	40.6	42.0
1978	5.7	4.1	4.4	5.0	6.2	5.4	7.4	5.2	8.5	6.6	5.2	4.8	5.1	1978	39.9	39.4	40.0	40.1	39.9	40.0	40.2	39.4	38.2	40.0	39.7	39.9	42.0
1979	6.8	4.9	4.8	3.9	6.6	9.9	8.8	7.5	10.4	5.1	8.2	6.0	5.9	1979	41.3	41.0	41.4	41.5	40.0	40.4	41.2	42.3	41.5	41.1	41.8	41.6	41.5
1980	7.8	8.5	8.1	10.5	16.5	12.0	7.4	6.7	6.9	4.5	4.2	4.0	4.5	1980	39.2	39.3	39.2	39.3	39.3	38.6	38.9	38.9	39.0	39.3	39.0	39.5	40.2
1981		6.9	4.0	4.4										1981		37.8	37.6	38.3									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.0	2.7	2.7	3.0	3.3	3.3	3.2	3.0	4.3	3.5	2.7	2.5	1.9	1977	2.8	1.8	2.0	2.3	1.7	2.2	2.5	3.2	3.1	3.2	3.5	3.7	4.4
1978	3.8	2.6	2.6	3.8	4.2	3.7	4.8	3.8	5.8	4.6	3.9	3.2	2.5	1978	3.6	3.5	3.4	3.3	2.9	3.2	3.2	3.8	3.1	4.0	3.6	3.6	5.0
1979	3.2	2.8	2.9	1.4	3.5	4.4	3.8	3.1	4.0	3.5	3.8	2.9	2.3	1979	4.4	4.4	4.7	4.5	4.0	4.1	4.2	5.0	5.1	4.7	4.3	4.2	3.7
1980	2.6	2.8	3.0	2.9	3.4	2.6	2.5	2.8	3.2	2.3	2.3	2.1	1.5	1980	2.8	3.5	3.2	3.2	3.2	2.2	2.3	3.0	2.6	2.9	2.5	2.4	2.9
1981		2.7	2.8	2.7										1981		1.1	1.8	2.2									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.5	4.4	.8	.5	.5	2.5	2.7	1.4	.6	1.3	1.3	1.1	1.2	1977	3.7	2.8	4.1	4.0	3.3	4.0	5.7	4.0	4.3	4.6	3.2	2.5	1.9
1978	.8	.6	1.0	.3	.8	.4	1.4	.4	1.3	.6	.4	.4	1.8	1978	3.9	2.7	2.5	3.8	3.2	5.2	4.9	4.6	5.1	4.8	4.3	3.0	2.1
1979	2.3	.5	.4	.8	1.9	4.0	3.5	3.1	5.1	.6	3.3	2.2	2.8	1979	3.5	3.1	3.6	3.0	3.9	4.6	5.0	4.2	2.7	3.2	3.4	2.3	2.8
1980	3.8	4.8	3.6	6.0	10.2	7.7	3.3	2.3	2.1	1.4	1.1	1.0	2.1	1980	2.7	3.4	3.6	2.4	2.7	2.6	2.6	2.1	3.5	2.4	2.3	2.0	3.0
1981		2.8	.6	.7										1981		3.5	2.8	1.8									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 374—RAILROAD EQUIPMENT (Con.)														SIC 376—GUIDED MISSILES, SPACE VEHICLES, PARTS (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.5	0.9	0.5	0.9	1.3	1.7	2.5	1.9	2.3	2.3	2.0	0.9	0.8	1977	287.94	282.08	284.95	291.04	285.19	288.40	287.73	282.40	284.01	295.82	282.40	286.13	306.08
1978	1.9	1.2	1.2	1.7	1.5	2.0	2.6	2.5	3.1	2.3	2.0	1.4	1.1	1978	316.76	300.77	275.40	309.96	306.08	307.23	312.60	308.84	316.83	326.47	335.23	346.37	354.02
1979	1.6	1.8	2.3	1.3	1.5	1.8	3.3	1.8	1.5	1.5	1.6	.7	.5	1979	346.50	348.00	345.77	339.52	325.13	334.49	336.17	337.84	344.03	356.12	351.44	362.50	372.38
1980	.8	1.5	1.4	.6	.8	.7	.8	.5	.3	.5	.5	.7	.6	1980	378.02	364.42	369.98	369.98	365.49	366.53	371.13	363.40	375.72	384.48	381.64	403.38	416.50
1981		.3	.4	.4										1981		400.41	400.32	399.10									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.7	1.4	2.8	2.8	1.6	1.8	2.5	1.7	1.1	1.9	.8	1.3	.8	1977	7.04	6.88	6.95	7.03	6.99	7.00	6.95	6.99	7.03	7.18	6.99	7.10	7.34
1978	1.4	1.0	.9	1.7	1.1	2.9	1.4	1.6	1.4	1.7	1.5	1.1	.6	1978	7.56	7.39	7.65	7.38	7.34	7.35	7.39	7.46	7.49	7.61	7.76	7.89	7.92
1979	1.2	.6	.6	1.1	1.7	2.2	1.3	1.8	.4	.9	1.0	.9	1.7	1979	8.25	8.00	8.06	7.97	7.93	8.06	8.12	8.22	8.27	8.54	8.53	8.59	8.66
1980	1.5	1.4	1.9	1.1	1.2	1.3	1.0	1.5	2.7	1.1	.9	1.3	2.2	1980	9.22	8.76	8.83	8.98	8.98	9.05	9.03	9.20	9.30	9.47	9.47	9.72	9.80
1981		2.7	1.9	1.2										1981		9.79	9.86	9.83									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.3	4.3	2.9	3.3	2.8	3.3	2.2	2.2	5.5	3.2	3.3	4.0	2.5	1977	40.9	41.0	41.0	41.4	40.8	41.2	41.4	40.4	41.2	40.4	40.3	41.7	
1978	3.0	2.5	2.4	3.6	3.4	2.8	2.9	3.6	4.0	3.5	2.6	2.6	2.4	1978	41.9	40.7	36.0	42.0	41.7	41.8	42.3	41.4	42.3	42.9	43.2	43.9	44.7
1979	3.1	3.6	2.7	2.7	3.3	2.9	3.8	3.7	3.0	3.4	3.1	3.0	2.1	1979	42.0	43.5	42.9	42.6	41.0	41.5	41.4	41.1	41.6	41.7	41.2	42.2	43.0
1980	4.8	5.1	3.7	5.2	2.8	3.6	4.6	6.1	5.3	6.8	4.0	5.8	5.3	1980	41.0	41.6	41.9	41.2	40.7	40.5	41.1	39.5	40.4	40.6	40.3	41.5	42.5
1981		3.9	3.8	4.7										1981		40.9	40.6	40.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.6	.4	.4	.5	.5	.5	.4	.6	1.1	1.0	.7	.5	.3	1977	3.2	3.1	2.9	3.2	2.8	3.1	3.1	3.2	3.2	3.6	3.3	3.2	3.3
1978	.8	.6	.5	.6	.7	1.0	.8	.7	1.3	1.0	.8	.5	.5	1978	4.1	3.4	3.4	3.3	3.2	3.1	3.6	3.8	4.2	4.5	5.2	5.5	5.7
1979	.7	.6	.6	.5	.7	.6	.8	.6	1.1	1.0	.7	.4	.3	1979	4.4	5.0	5.3	4.5	3.4	4.0	4.3	4.3	4.4	5.0	4.3	4.2	4.4
1980	.4	.5	.5	.4	.4	.3	.4	.3	.3	.5	.3	.4	.2	1980	3.6	3.8	4.2	4.1	3.5	3.2	3.3	3.0	3.4	3.6	3.3	3.8	4.0
1981		.3	.2	.5										1981		3.5	3.3	3.2									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.6	2.9	1.6	2.0	1.3	1.8	.9	.8	2.3	1.2	1.4	2.4	1.2	1977	1.6	1.1	1.2	1.7	1.8	1.7	2.3	2.1	2.1	1.5	1.6	1.3	1.2
1978	1.0	.6	.8	2.0	1.4	.5	.7	1.6	1.2	1.2	.4	.7	.9	1978	1.8	2.0	1.2	1.6	1.7	1.6	1.8	2.0	1.7	1.8	2.6	2.5	1.4
1979	1.0	1.3	.4	.8	1.1	.6	1.4	1.3	.6	1.0	1.0	1.6	.8	1979	2.4	2.1	2.2	2.7	2.4	2.3	3.5	2.9	2.4	2.2	2.4	1.9	1.5
1980	3.3	3.2	2.1	3.3	1.0	2.1	3.0	5.1	3.5	4.9	2.7	4.8	4.5	1980	2.2	2.4	2.2	1.8	2.3	1.8	2.8	3.1	2.0	2.4	2.2	2.0	1.3
1981		2.5	2.7	3.4										1981		2.0	1.6	1.8									
SIC 376—GUIDED MISSILES, SPACE VEHICLES, PARTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	83.4	82.2	81.1	79.8	81.0	81.6	83.7	84.5	85.5	86.6	81.9	84.0	89.4	1977	.8	.6	.6	.9	.9	.8	1.3	1.2	1.1	.9	.8	.5	.6
1978	93.4	90.3	91.3	92.2	92.1	92.1	92.8	93.9	94.5	94.8	94.9	95.0	96.3	1978	1.0	.9	.6	1.0	1.0	1.1	1.3	1.3	1.0	1.0	1.2	1.0	.7
1979	101.5	97.4	99.7	99.9	99.7	100.2	101.2	101.9	102.6	102.7	103.2	103.9	105.0	1979	1.7	1.2	1.3	1.8	1.6	1.6	2.7	1.9	2.1	1.7	1.9	1.6	1.2
1980	110.6	105.2	106.4	107.3	108.0	108.8	109.9	111.5	112.6	112.8	113.9	114.9	116.1	1980	1.7	1.8	1.7	1.6	1.7	1.6	2.2	2.5	1.6	1.9	1.6	1.3	1.0
1981		116.5	116.3	116.8										1981		1.8	1.2	1.5									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	15.6	15.1	14.9	14.6	15.1	15.2	15.7	15.9	16.1	16.1	15.5	15.8	16.7	1977	.4	.4	.3	.5	.6	.6	.5	.4	.4	.1	.2	.3	.4
1978	18.3	17.0	17.4	17.8	17.8	17.9	18.1	18.4	18.6	18.7	18.5	19.4	19.7	1978	.4	.7	.3	.3	.3	.2	.2	.3	.4	.5	.9	.8	.3
1979	21.3	19.8	20.5	20.8	20.8	21.0	21.2	21.5	21.7	21.6	21.8	22.1	22.5	1979	.3	.5	.7	.5	.5	.4	.3	.4	.2	.2	.2	.1	.2
1980	24.2	22.7	23.1	23.3	23.6	23.8	24.2	24.5	24.8	24.8	24.9	25.4	25.8	1980	.2	.3	.4	.1	.2	.1	.2	.4	.1	.2	.1	.3	.1
1981		25.9	26.1	25.9										1981		(¹)	.1	.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	26.4	26.8	25.9	25.2	25.7	26.4	26.6	26.6	26.8	27.0	25.3	26.0	28.6	1977	1.5	1.4	1.9	2.0	1.2	1.1	1.7	1.5	1.5	1.3	2.0	1.3	1.0
1978	29.0	28.9	29.2	29.5	29.1	28.6	28.9	28.7	29.0	29.2	28.5	28.8	29.6	1978	1.5	1.6	2.1	2.0	1.7	1.9	1.7	1.2	1.4	1.2	1.1	1.0	1.2
1979	32.5	30.3	31.8	31.6	31.7	32.2	32.7	32.9	32.9	33.1	33.4	33.5	33.8	1979	1.5	1.7	1.5	1.6	1.8	1.5	1.7	1.4	1.6	1.9	1.3	1.1	.5
1980	34.7	33.6	34.4	34.7	34.9	35.1	35.0	34.5	34.7	34.6	34.7	35.0	35.3	1980	1.3	1.5	1.4	1.1	1.2	1.1	1.2	1.5	1.5	1.8	1.4	.9	1.2
1981		35.3	35.4	35.2										1981		1.4	1.1	1.4									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 376—GUIDED MISSILES, SPACE VEHICLES, PARTS (Con.)														SIC 3761—GUIDED MISSILES AND SPACE VEHICLES (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	0.5	0.3	0.4	0.5	0.5	0.4	0.5	0.5	0.7	0.7	0.5	0.3	0.3	1977	2.8	2.9	2.4	2.7	2.3	2.5	2.7	2.8	3.1	3.3	3.1	3.0	3.0
1978	.5	.5	.4	.5	.5	.5	.5	.5	.7	.6	.4	.5	.5	1978	3.4	3.1	3.3	3.1	2.6	2.6	3.0	2.8	3.4	3.6	4.0	4.4	5.1
1979	.7	.7	.7	.8	.7	.5	.9	.7	1.1	1.2	.6	.5	.3	1979	3.8	4.4	4.7	3.6	2.6	3.1	3.6	3.7	3.9	4.4	3.5	3.7	3.9
1980	.6	.8	.5	.6	.6	.6	.6	.6	.9	1.1	.7	.5	.3	1980	3.2	3.3	3.8	3.4	3.0	2.9	2.9	2.8	3.3	3.3	3.0	3.5	3.7
1981		.5	.4	.5										1981		2.9	2.8	2.7									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	.6	1.0	.8	.3	.2	.8	.7	.4	.3	.9	.7	.3	1977	1.5	1.1	1.2	1.5	1.7	1.4	2.1	2.2	2.2	1.4	1.5	1.3	.8
1978	.6	.6	1.2	1.0	.8	1.0	.8	.2	.3	.3	.2	.2	.3	1978	1.8	1.5	1.0	1.7	1.7	1.6	1.8	1.9	1.7	1.7	2.8	2.7	1.5
1979	.3	.4	.3	.2	.5	.5	.4	.2	.2	.2	.3	.3	(¹)	1979	2.3	2.0	2.1	2.7	2.1	2.1	3.5	3.0	2.3	2.1	2.4	1.8	1.4
1980	.2	.2	.3	.1	.1	.1	.1	.4	.1	.3	.3	.1	.6	1980	2.2	2.4	1.9	1.8	2.4	1.8	2.7	3.1	2.0	2.5	2.3	2.2	1.4
1981		.3	.2	.4										1981		2.1	1.6	1.9									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	65.5	64.9	63.5	61.8	63.0	63.5	65.3	66.2	67.6	68.7	64.0	66.3	71.3	1977	.8	.6	.6	.8	.9	.7	1.1	1.2	1.1	.8	.7	.5	.5
1978	74.6	72.2	72.9	73.8	73.6	73.5	74.1	75.1	75.6	75.8	75.8	75.6	76.7	1978	1.0	.8	.6	1.1	1.0	1.1	1.3	1.3	1.0	.9	1.1	1.0	.7
1979	80.8	77.8	80.0	79.9	79.3	79.6	80.4	81.0	81.5	81.5	82.1	82.9	83.7	1979	1.7	1.2	1.2	1.8	1.5	1.6	2.7	1.8	2.0	1.6	1.8	1.5	1.2
1980	88.1	83.5	84.6	85.2	85.7	86.4	87.2	89.0	89.9	90.0	91.0	91.8	92.8	1980	1.8	1.9	1.5	1.6	1.8	1.6	2.1	2.7	1.7	2.0	1.8	1.5	1.1
1981		93.1	93.0	93.6										1981		2.0	1.3	1.6									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	13.0	12.7	12.4	12.1	12.5	12.6	13.1	13.2	13.4	13.5	12.8	13.1	14.0	1977	.3	.3	.3	.4	.5	.4	.5	.5	.4	.1	.2	.2	.1
1978	15.2	14.1	14.4	14.8	14.8	14.9	15.0	15.3	15.5	15.5	15.3	16.2	16.4	1978	.4	.3	.2	.2	.2	.2	.2	.3	.4	.6	1.1	.9	.3
1979	17.7	16.5	17.2	17.4	17.3	17.5	17.6	17.9	18.1	18.0	18.2	18.4	18.8	1979	.3	.4	.7	.5	.3	.2	.3	.5	.1	.2	.2	.1	.1
1980	20.2	18.9	19.2	19.4	19.6	19.8	20.1	20.4	20.6	20.6	20.7	21.1	21.5	1980	.1	.2	.2	.1	.2	.1	.2	.1	(¹)	.2	.1	.3	.1
1981		21.5	21.7	21.5										1981		(¹)	.1	.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	18.8	19.4	18.4	17.6	18.1	18.7	18.7	18.8	19.3	19.5	17.8	18.5	20.8	1977	1.4	.9	1.8	2.2	1.1	1.1	1.8	1.2	1.3	1.2	1.8	1.4	1.0
1978	21.0	21.0	21.1	21.4	21.0	20.6	20.9	20.7	21.1	21.2	20.6	20.7	21.4	1978	1.5	1.6	1.9	2.2	1.8	2.1	1.6	1.1	1.2	1.0	1.0	1.0	1.1
1979	23.8	22.1	23.5	23.2	23.1	23.4	23.9	24.0	24.1	24.2	24.5	24.7	25.0	1979	1.3	1.6	1.3	1.4	1.8	1.5	1.6	1.2	1.3	1.6	1.0	.8	.4
1980	26.0	24.8	25.5	25.9	26.0	26.3	26.2	26.1	26.2	26.0	26.1	26.4	26.7	1980	1.2	1.3	1.2	.9	1.2	1.1	1.1	1.1	1.3	1.8	1.4	.9	1.2
1981		26.7	26.8	26.6										1981		1.3	.9	1.2									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	289.58	285.42	286.03	292.03	287.55	288.26	289.34	281.39	285.60	297.43	282.30	284.01	309.67	1977	.5	.3	.4	.4	.5	.4	.5	.5	.7	.7	.5	.3	.3
1978	315.75	302.25	269.73	315.42	308.10	308.84	313.92	304.36	312.07	322.82	331.55	345.56	356.53	1978	.5	.5	.4	.5	.5	.5	.4	.5	.7	.5	.4	.5	.5
1979	347.77	349.32	347.75	336.96	322.81	330.08	334.56	336.56	346.10	360.26	354.65	370.58	382.37	1979	.7	.7	.6	.8	.7	.5	.8	.6	.9	1.1	.5	.4	.3
1980	383.46	372.44	377.94	370.46	368.83	371.59	374.10	366.43	380.42	389.91	385.52	411.27	428.00	1980	.6	.6	.4	.5	.6	.6	.6	.6	.8	1.1	.7	.5	.3
1981		404.78	406.62	403.61										1981		.5	.4	.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	7.15	7.03	7.08	7.14	7.10	7.10	7.04	7.07	7.14	7.29	7.04	7.19	7.48	1977	.5	.2	.9	1.0	.2	.2	.9	.4	.3	.2	.8	.8	.4
1978	7.72	7.50	7.91	7.51	7.46	7.46	7.51	7.59	7.63	7.76	7.97	8.15	8.14	1978	.6	.6	1.1	1.2	.9	1.2	.8	.2	.2	.2	.2	.2	.2
1979	8.38	8.20	8.26	8.10	8.05	8.15	8.16	8.31	8.36	8.66	8.65	8.74	8.77	1979	.3	.4	.3	.2	.6	.5	.4	.2	.1	.1	.2	.1	(¹)
1980	9.33	8.91	9.02	9.08	9.04	9.13	9.08	9.23	9.37	9.58	9.59	9.91	10.00	1980	.2	.2	.3	.1	.1	.1	.1	.1	.1	.3	.3	.1	.7
1981		9.97	10.04	10.04										1981		.3	.1	.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 379—MISCELLANEOUS TRANSPORTATION EQUIPMENT													
														ALL EMPLOYEES—IN THOUSANDS													
1977	40.5	40.6	40.4	40.9	40.5	40.6	41.1	39.8	40.0	40.8	40.1	39.5	41.4	1977	61.6	60.3	61.5	64.8	66.7	62.7	62.0	59.1	57.7	61.5	61.8	60.9	60.5
1978	40.9	40.3	34.1	42.0	41.3	41.4	41.8	40.1	40.9	41.6	41.6	42.4	43.8	1978	68.5	60.5	61.9	65.1	68.0	70.4	72.4	70.3	71.1	70.9	70.6	70.1	70.3
1979	41.5	42.6	42.1	41.6	40.1	40.5	41.0	40.5	41.4	41.6	41.0	42.4	43.6	1979	54.3	70.9	70.7	67.8	61.9	54.6	49.1	46.3	46.6	46.4	47.0	45.8	44.5
1980	41.1	41.8	41.9	40.8	40.8	40.7	41.2	39.7	40.6	40.7	40.2	41.5	42.8	1980	38.8	42.4	42.2	41.0	35.8	33.4	34.3	35.8	37.7	39.3	41.2	42.0	40.0
1981		40.6	40.5	40.2										1981		39.7	39.4	40.6									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 379—MISCELLANEOUS TRANSPORTATION EQUIPMENT (Con.)														SIC 379—MISCELLANEOUS TRANSPORTATION EQUIPMENT (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	12.4	11.8	12.2	12.9	13.5	12.7	12.5	11.5	11.8	12.7	12.9	12.2	12.4	1977	2.7	2.2	3.1	2.2	1.2	1.4	1.8	0.8	3.5	13.5	0.4	0.5	1.8
1978	14.2	12.7	13.3	14.1	13.9	14.5	14.9	14.1	14.5	14.6	14.4	14.5	14.6	1978	1.0	1.1	2.0	1.0	1.7	.3	.3	.7	2.1	.8	.7	.6	.3
1979	10.6	14.0	13.8	13.3	12.3	10.7	9.2	8.9	9.0	9.0	9.1	8.8	8.6	1979	1.8	1.7	1.7	2.8	1.3	.8	2.2	3.0	2.6	2.3	1.5	.7	1.2
1980	8.0	8.7	8.6	8.4	7.0	6.6	7.1	7.8	8.2	8.5	8.9	8.9	7.4	1980	2.1	2.7	1.7	1.1	2.9	1.7	2.7	3.1	2.4	3.3	1.8	1.1	.5
1981		7.1	7.0	7.3										1981		1.3	1.5	1.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	46.7	45.4	47.3	50.2	51.6	47.6	46.4	43.5	42.0	46.7	46.9	46.5	46.0	1977	7.1	4.5	5.8	6.4	7.5	8.9	7.6	7.7	12.1	7.8	6.8	4.9	4.7
1978	53.0	45.8	47.6	50.6	53.2	55.1	56.5	54.4	55.2	54.8	54.2	54.0	54.4	1978	7.5	4.9	4.8	6.0	7.6	7.8	6.1	13.0	9.5	9.3	6.8	5.3	8.7
1979	39.8	54.2	53.4	51.5	46.1	39.9	34.8	32.5	33.0	33.4	33.8	33.0	31.6	1979	9.3	9.2	6.5	11.3	13.3	17.1	11.4	6.9	7.4	5.3	5.5	6.4	9.9
1980	25.6	29.9	29.4	28.3	23.1	20.8	21.4	22.8	24.0	25.6	27.3	28.3	26.7	1980	5.8	7.8	4.2	7.6	12.3	7.3	3.9	3.3	7.0	4.5	4.7	3.6	3.7
1981		26.9	26.3	27.0										1981		3.6	3.9	3.5									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	202.93	181.98	190.12	194.54	195.71	194.00	200.19	196.46	205.41	211.87	216.94	214.97	210.99	1977	3.9	2.3	3.5	4.8	5.4	4.5	3.4	3.7	5.7	5.9	3.7	2.2	1.9
1978	218.90	199.97	208.41	211.77	217.17	220.89	219.30	217.17	220.73	224.70	222.72	223.74	233.11	1978	4.5	2.8	3.0	4.2	5.5	5.4	4.0	6.0	7.4	6.1	3.7	3.2	2.9
1979	242.19	220.00	218.48	222.53	230.00	246.38	247.15	246.39	263.48	265.84	257.91	267.81	268.32	1979	3.7	4.4	3.9	5.0	5.2	4.1	3.4	2.5	4.2	3.4	3.3	2.0	1.4
1980	277.61	253.70	263.25	266.17	277.75	283.42	283.04	285.57	277.61	285.73	283.01	289.38	291.62	1980	2.0	2.0	2.1	2.2	2.2	1.5	1.6	1.7	2.6	2.4	1.9	1.7	1.4
1981		283.29	270.61	294.67										1981		1.5	2.0	1.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.19	4.87	4.93	4.99	5.01	5.04	5.16	5.22	5.28	5.35	5.45	5.52	5.45	1977	1.9	1.4	1.2	.4	.7	2.7	2.4	3.1	5.3	.8	2.1	1.7	1.6
1978	5.57	5.43	5.52	5.47	5.54	5.55	5.51	5.54	5.56	5.66	5.61	5.65	5.77	1978	1.8	1.2	.9	.4	1.0	1.2	1.0	5.4	1.0	1.8	1.8	.9	4.8
1979	6.34	5.82	5.78	5.95	6.25	6.57	6.47	6.45	6.62	6.73	6.63	6.78	6.88	1979	4.3	3.2	1.2	4.9	6.5	11.9	6.6	3.7	1.6	.8	.9	3.3	7.5
1980	7.10	6.82	6.82	6.86	7.29	7.40	7.39	7.36	7.10	7.09	7.04	7.11	7.13	1980	2.7	4.3	1.0	4.3	8.3	4.7	1.7	.7	2.9	.9	1.7	.6	1.9
1981		7.10	7.14	7.24										1981		1.4	1.0	.7									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3792—TRAVEL TRAILERS AND CAMPERS													
1977	39.1	37.6	38.8	39.3	39.4	38.9	39.2	38.2	39.2	40.0	40.1	39.4	39.1	ALL EMPLOYEES—IN THOUSANDS													
1978	39.3	37.2	38.2	39.1	39.2	39.8	39.8	39.2	39.7	39.7	39.7	39.6	40.4	1977	42.1	42.3	43.8	45.7	46.7	42.5	41.6	39.9	37.5	41.5	41.7	41.1	41.0
1979	38.2	37.8	37.8	37.4	36.8	37.5	38.2	38.2	39.8	39.5	38.9	39.5	39.0	1978	46.7	40.9	42.0	44.2	46.3	48.5	50.1	48.9	49.0	48.6	47.9	47.2	47.1
1980	39.1	37.2	38.6	38.8	38.1	38.3	38.3	38.8	39.1	40.3	40.2	40.7	40.9	1979	32.2	48.6	48.9	45.3	39.3	32.8	27.3	25.1	24.5	24.1	24.7	23.4	21.9
1981		39.9	37.9	40.7										1980	16.5	19.8	19.5	18.5	13.8	12.2	12.7	13.7	15.5	16.8	18.1	18.6	18.2
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		18.3	18.3	19.2									
1977	2.4	2.4	2.3	2.9	2.8	2.1	2.0	2.4	2.3	2.6	2.4	2.3	2.3	PRODUCTION WORKERS—IN THOUSANDS													
1978	2.4	1.8	2.5	2.9	2.6	2.6	2.6	2.3	2.6	2.9	2.3	2.2	1.9	1977	33.3	33.6	35.6	37.3	37.8	33.6	32.2	30.5	27.9	32.8	32.9	32.7	32.6
1979	1.4	1.5	1.6	1.4	.8	1.2	1.3	1.3	1.5	1.6	1.6	1.7	1.9	1978	37.6	32.3	33.7	35.7	37.6	39.3	40.7	39.5	39.6	39.2	38.2	37.9	37.9
1980	1.9	1.5	1.1	1.2	1.6	1.2	1.2	1.5	2.0	2.5	2.6	3.2	3.2	1979	24.8	38.7	38.6	36.1	30.7	25.3	20.2	18.5	18.0	18.3	18.9	17.9	16.7
1981		2.1	1.7	2.2										1980	12.2	15.3	14.9	14.1	9.5	8.2	8.7	10.0	11.4	12.6	13.9	14.3	14.0
ACCESSIONS PER 100 EMPLOYEES														1981		14.4	14.2	15.0									
1977	8.0	9.5	9.7	10.0	6.9	5.2	5.5	4.0	10.2	17.8	6.4	4.7	5.7	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	7.7	7.2	8.0	10.0	10.0	9.8	7.4	7.0	9.0	7.6	6.0	6.3	4.4	1977	180.39	164.78	176.86	178.23	178.02	171.61	181.81	169.73	185.55	191.00	197.90	188.86	181.28
1979	6.4	8.3	8.0	7.2	5.4	4.3	6.0	6.5	6.9	7.5	7.4	3.8	3.6	1978	192.02	174.12	186.62	182.77	193.39	198.27	196.21	195.33	195.32	195.33	196.72	193.17	193.16
1980	6.3	7.0	6.3	4.9	4.4	4.2	6.8	7.6	7.2	9.4	7.6	7.3	2.6	1979	202.36	190.05	191.63	193.64	191.20	206.97	207.32	199.82	216.34	219.63	219.58	225.07	213.48
1981		7.7	6.4	6.7										1980	222.83	199.63	225.00	217.86	222.32	219.56	217.31	223.61	220.82	233.31	231.04	225.76	234.00
NEW HIRES PER 100 EMPLOYEES														1981		236.36	223.48	254.87									
1977	5.1	7.0	6.4	7.7	5.6	3.7	3.5	2.9	6.5	4.2	5.8	4.0	3.3	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	6.6	5.9	5.9	8.8	8.1	9.3	6.8	6.2	6.6	6.7	5.1	5.4	4.0	1977	4.71	4.49	4.57	4.57	4.60	4.54	4.71	4.65	4.77	4.86	5.01	4.97	4.86
1979	4.2	6.0	6.1	4.2	3.9	3.2	3.5	2.9	3.9	4.9	5.6	2.9	2.1	1978	5.04	4.85	4.95	4.90	5.01	5.11	5.07	5.10	5.06	5.10	5.07	5.07	5.11
1980	3.9	4.1	4.3	3.5	1.2	1.9	4.1	3.9	4.1	5.5	5.2	5.8	1.9	1979	5.59	5.25	5.25	5.47	5.51	5.83	5.68	5.52	5.80	5.92	5.84	5.97	5.93
1981		6.2	4.8	4.3										1980	5.99	5.82	6.00	5.92	6.21	6.15	5.97	6.06	5.92	6.06	5.97	5.91	6.00
														1981		6.22	6.26	6.42									

See footnotes at end of tables.

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SIC 3792—TRAVEL TRAILERS AND CAMPERS (Con.)														SIC 38—INSTRUMENTS AND RELATED PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	38.3	36.7	38.7	39.0	38.7	37.8	38.6	36.5	38.9	39.3	39.5	38.0	37.3	1977	2.4	2.4	2.4	2.3	2.2	2.3	2.4	2.1	2.3	2.6	2.6	2.5	2.8
1978	38.1	35.9	37.7	37.3	38.6	38.8	38.7	38.3	38.6	38.3	38.8	38.1	37.8	1978	2.6	2.3	2.7	2.6	2.4	2.3	2.4	2.1	2.5	2.8	2.9	2.8	3.1
1979	36.2	36.2	36.5	35.4	34.7	35.5	36.5	36.2	37.3	37.1	37.6	37.7	36.0	1979	2.5	2.6	2.8	2.8	1.9	2.3	2.4	2.1	2.4	2.8	2.6	2.9	2.9
1980	37.2	34.3	37.5	36.8	35.8	35.7	36.4	36.9	37.3	38.5	38.7	38.2	39.0	1980	2.3	2.5	2.6	2.5	2.2	2.2	2.1	1.8	2.2	2.4	2.3	2.6	2.7
1981	38.0	35.7	39.7											1981		2.4	2.3	2.3									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	2.3	2.3	2.3	2.8	2.6	1.8	1.9	2.0	2.5	2.5	2.3	2.0	2.1	1977	2.7	2.5	2.5	2.7	2.4	3.1	3.3	2.4	3.1	3.1	2.9	2.3	1.8
1978	2.4	1.7	2.3	2.8	2.9	3.0	2.7	2.4	2.5	2.5	2.2	1.9	1.3	1978	2.8	2.6	2.4	2.7	2.6	3.3	3.7	2.5	3.1	3.2	3.1	2.8	2.0
1979	1.0	1.1	1.2	.9	.5	.7	1.1	.9	1.0	1.0	1.5	1.4	.9	1979	2.9	2.9	2.7	2.7	2.8	3.5	4.2	2.7	3.0	3.0	3.1	2.5	1.9
1980	1.3	1.2	1.3	.7	1.4	.8	.5	1.2	1.7	1.9	1.9	1.3	1.9	1980	2.5	3.0	2.8	2.8	2.4	2.7	3.5	2.3	2.6	2.8	2.2	1.8	1.5
1981	1.8	1.4	1.9											1981		2.2	2.1	2.4									
NEW HIRES PER 100 EMPLOYEES														RECALLS PER 100 EMPLOYEES													
1977	2.1	1.9	1.8	2.0	1.8	2.5	2.7	1.7	2.5	2.6	2.5	2.0	1.4	1977	.3	.4	.4	.3	.3	.3	.2	.4	.3	.2	.2	.2	.1
1978	2.4	2.1	2.0	2.2	2.2	2.7	3.2	2.1	2.7	2.8	2.7	2.4	1.6	1978	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2
1979	2.4	2.4	2.2	2.3	2.4	2.9	3.7	2.2	2.4	2.5	2.6	2.0	1.5	1979	.2	.3	.2	.2	.2	.3	.2	.3	.3	.2	.2	.2	.1
1980	2.0	2.3	2.3	2.4	2.0	2.2	2.9	1.8	1.8	2.1	1.7	1.4	1.2	1980	.3	.3	.3	.2	.2	.2	.3	.4	.6	.4	.3	.2	.2
1981		1.7	1.6	1.9										1981		.3	.3	.3									
SEPARATIONS PER 100 EMPLOYEES														QUITS PER 100 EMPLOYEES													
1977	2.4	2.5	2.1	2.4	2.3	2.2	2.3	2.4	2.3	3.5	3.2	2.3	1.6	1977	1.3	1.1	.9	1.1	1.2	1.2	1.3	1.2	2.2	2.0	1.3	1.2	.8
1978	2.5	2.1	2.1	2.3	2.2	2.3	2.4	2.3	3.3	3.5	2.8	2.2	2.1	1978	1.5	1.1	1.0	1.3	1.3	1.4	1.5	1.3	2.4	2.4	1.8	1.3	1.0
1979	2.6	2.5	2.3	2.5	2.4	2.6	2.5	2.3	3.7	3.4	2.6	2.2	1.9	1979	1.6	1.4	1.3	1.5	1.5	1.6	1.6	1.3	2.5	2.4	1.6	1.1	.9
1980	2.4	2.5	2.3	2.3	2.6	2.8	2.7	2.4	3.2	2.9	2.3	1.6	1.4	1980	1.3	1.4	1.3	1.2	1.3	1.2	1.2	1.1	1.9	1.9	1.3	.8	.7
1981		2.3	2.1	2.0										1981		1.1	.9	1.0									
LAYOFFS PER 100 EMPLOYEES														ALL EMPLOYEES—IN THOUSANDS													
1977	.4	.7	.5	.5	.4	.3	.3	.6	.5	.5	.4	.4	.3	1977	62.8	62.0	62.4	62.9	62.8	62.7	62.9	61.3	63.3	62.9	63.0	63.4	63.9
1978	.3	.3	.4	.3	.2	.3	.2	.3	.2	.4	.3	.4	.3	1978	65.9	64.1	64.4	64.5	65.0	65.0	66.1	65.6	66.0	66.0	67.3	68.1	68.7
1979	.4	.3	.3	.4	.3	.3	.3	.4	.3	.3	.4	.4	.5	1979	72.4	69.0	69.9	70.6	70.9	71.4	72.7	73.1	73.8	73.6	74.1	74.6	75.4
1980	.5	.4	.4	.4	.6	.9	.8	.8	.6	.9	.8	.6	.5	1980	76.8	75.6	75.9	76.0	75.9	75.9	76.7	77.2	77.4	77.4	77.2	77.8	78.1
1981		.6	.5	.4										1981		78.2	78.1	78.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	40.6	39.8	40.8	40.6	40.3	40.6	40.9	40.1	40.4	40.8	40.9	41.0	41.3	1977	62.8	62.0	62.4	62.9	62.8	62.7	62.9	61.3	63.3	62.9	63.0	63.4	63.9
1978	40.9	39.9	40.4	41.2	41.1	40.8	40.9	40.3	40.8	41.1	41.0	41.3	41.7	1978	65.9	64.1	64.4	64.5	65.0	65.0	66.1	65.6	66.0	66.0	67.3	68.1	68.7
1979	40.8	40.6	41.0	41.3	40.0	40.8	40.7	40.3	40.4	40.7	40.8	41.4	41.6	1979	72.4	69.0	69.9	70.6	70.9	71.4	72.7	73.1	73.8	73.6	74.1	74.6	75.4
1980	40.5	41.0	40.7	40.6	40.4	40.3	40.5	39.6	39.9	40.1	40.3	40.9	41.2	1980	76.8	75.6	75.9	76.0	75.9	75.9	76.7	77.2	77.4	77.4	77.2	77.8	78.1
1981		40.6	40.5	40.6										1981		78.2	78.1	78.2									

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SIC 381—ENGINEERING AND SCIENTIFIC INSTRUMENTS (Con.)														SIC 381—ENGINEERING AND SCIENTIFIC INSTRUMENTS (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	18.0	17.9	18.2	18.1	18.3	18.3	18.4	16.9	17.6	17.8	17.9	18.1	18.3	1977	0.2	0.3	0.2	0.1	0.1	0.3	0.1	0.2	0.2	0.2	0.2	0.1	0.1
1978	19.6	18.5	18.7	18.7	19.1	18.8	19.3	19.1	20.1	20.3	20.4	20.9	21.1	1978	.1	.3	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1
1979	22.4	21.2	21.6	21.9	22.0	22.2	22.4	22.5	22.5	22.7	23.0	23.3	23.5	1979	.1	.2	.1	.1	(⁵)	.1	.1	.1	.1	.1	.1	.1	.1
1980	23.9	23.6	23.7	23.6	23.7	23.5	23.6	23.9	24.0	24.1	24.1	24.1	24.3	1980	.1	.1	(⁵)	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1
1981		24.4	24.5	24.5										1981		.1	.1	.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	29.9	29.8	29.7	29.8	29.8	29.8	30.0	28.8	29.8	30.0	30.1	30.4	30.9	1977	1.8	2.2	1.6	1.5	1.8	1.5	1.6	1.9	2.6	2.4	1.7	1.2	1.2
1978	32.3	31.1	31.4	31.5	31.5	31.3	32.2	31.7	32.2	32.7	33.4	34.3	34.8	1978	2.0	1.4	1.7	1.9	1.9	1.6	2.3	1.9	2.9	2.6	1.9	1.7	1.9
1979	36.2	34.7	35.5	35.8	35.6	35.7	36.3	36.4	36.6	36.5	36.6	36.8	37.4	1979	2.0	1.9	1.7	1.8	2.0	2.2	2.2	1.7	3.2	2.4	1.9	1.7	1.3
1980	37.4	37.3	37.3	37.5	37.4	37.0	37.1	37.0	37.3	37.6	37.3	37.9	38.2	1980	1.9	1.9	2.1	2.1	2.0	2.3	2.0	1.7	2.8	2.0	1.8	1.3	1.3
1981		38.2	37.9	38.0										1981		1.9	1.4	1.5									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	230.88	216.28	223.02	222.48	223.72	226.43	227.81	223.97	229.34	239.97	241.26	242.34	252.15	1977	1.1	.9	.8	.9	.9	.9	1.0	1.1	2.0	1.5	1.1	.8	.7
1978	256.10	243.28	247.57	256.18	255.58	254.07	251.26	247.85	254.52	256.20	262.12	263.73	276.57	1978	1.3	.9	.9	1.2	1.4	1.2	1.5	1.2	2.4	1.9	1.3	1.2	.8
1979	272.30	259.56	261.43	268.39	256.54	263.98	266.39	263.90	272.41	280.21	281.57	287.37	299.84	1979	1.4	1.3	1.2	1.3	1.5	1.5	1.5	1.2	2.5	1.7	1.3	1.2	.8
1980	295.07	287.28	284.96	290.51	289.40	290.37	294.11	291.40	295.40	297.75	296.54	306.77	318.86	1980	1.2	1.3	1.4	1.3	1.3	1.1	1.1	1.1	2.1	1.4	1.2	.9	.8
1981		305.25	304.21	309.55										1981		1.1	.9	.9									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.55	5.38	5.40	5.40	5.43	5.43	5.45	5.53	5.58	5.70	5.69	5.77	5.81	1977	.2	.8	.4	.1	.4	.2	.1	.3	.1	.2	.2	.1	.1
1978	6.04	5.82	5.98	5.93	5.93	5.95	5.94	6.06	6.06	6.10	6.11	6.22	6.30	1978	.2	.2	.2	.2	.1	(⁵)	.2	.3	.1	.2	.2	.1	.1
1979	6.53	6.30	6.33	6.36	6.35	6.47	6.45	6.50	6.58	6.64	6.72	6.73	6.83	1979	.1	.1	.1	(⁵)	(⁵)	.2	.1	.2	.2	.2	.2	.1	.1
1980	7.11	6.84	6.85	6.95	6.94	6.98	7.07	7.09	7.17	7.28	7.34	7.41	7.45	1980	.2	.2	.2	.3	.2	.7	.4	.3	.2	.2	.2	.1	(⁵)
1981		7.50	7.53	7.55										1981		.3	.2	.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 382—MEASURING AND CONTROLLING DEVICES													
1977	41.6	40.2	41.3	41.2	41.2	41.7	41.8	40.5	41.1	42.1	42.4	42.0	43.4	ALL EMPLOYEES—IN THOUSANDS													
1978	42.4	41.8	41.4	43.2	43.1	42.7	42.3	40.9	42.0	42.0	42.9	42.4	43.9	1977	197.0	186.9	188.8	189.5	191.3	194.0	197.2	199.7	200.7	202.4	202.2	204.4	207.0
1979	41.7	41.2	41.3	42.2	40.4	40.8	41.3	40.6	41.4	42.2	41.9	42.7	43.9	1978	217.6	208.5	209.8	210.7	213.7	215.5	218.6	219.4	220.2	221.6	221.5	224.6	226.6
1980	41.5	42.0	41.6	41.8	41.7	41.6	41.6	41.1	41.2	40.9	40.4	41.4	42.8	1979	235.9	228.8	229.9	231.3	233.0	232.7	236.5	237.1	238.5	239.4	239.9	241.1	242.7
1981		40.7	40.4	41.0										1980	241.9	242.7	243.3	244.8	243.4	241.8	243.0	240.6	239.4	239.7	239.7	241.7	243.2
1981		40.7	40.4	41.0										1981		244.0	242.3	243.4									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.9	2.4	2.8	2.8	2.6	3.1	3.0	2.6	3.0	3.1	3.2	3.2	3.6	1977	81.8	76.5	78.0	78.2	79.4	80.9	82.5	82.9	82.9	84.0	84.1	85.4	86.7
1978	3.3	2.8	2.9	3.3	2.9	2.9	3.1	2.9	3.4	3.5	3.7	3.6	4.1	1978	92.7	87.7	88.6	89.3	91.0	91.7	94.2	93.2	93.9	94.9	95.0	96.3	96.8
1979	3.5	3.3	3.2	3.7	2.2	2.8	2.9	3.3	3.6	4.3	3.9	4.1	4.2	1979	102.6	98.2	99.6	100.3	101.0	101.2	103.2	103.1	104.1	104.6	105.2	105.1	105.8
1980	3.0	3.5	3.1	3.3	2.7	2.9	2.7	2.7	3.1	2.7	2.6	3.0	3.5	1980	105.1	105.6	105.8	106.7	107.2	105.4	104.8	103.3	103.1	103.6	104.6	104.7	106.1
1981		2.9	3.0	3.0										1981		106.0	105.6	105.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.1	1.9	1.7	1.8	1.6	2.4	2.7	2.2	3.0	2.6	2.4	1.8	1.4	1977	124.6	117.9	119.5	119.9	121.5	123.6	124.9	125.4	126.1	127.4	127.7	129.4	131.4
1978	2.6	2.8	2.3	2.4	2.3	2.9	3.4	2.0	2.7	2.9	2.8	2.4	1.9	1978	138.5	132.4	132.7	133.5	135.3	137.5	139.8	139.9	139.7	141.2	141.2	143.8	145.5
1979	2.8	3.4	2.6	2.7	2.9	3.1	3.7	2.2	2.5	2.8	2.9	2.4	2.1	1979	151.3	147.5	148.8	149.1	150.1	150.1	152.5	151.3	151.8	153.2	152.9	152.6	155.1
1980	2.5	2.5	2.7	2.5	2.4	2.6	3.2	2.4	2.8	3.3	2.1	1.9	1.6	1980	151.4	155.0	155.4	156.0	153.6	152.1	151.5	147.4	147.7	148.1	148.3	150.3	151.6
1981		2.3	1.9	2.2										1981		153.2	151.9	151.9									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.9	1.5	1.4	1.6	1.5	2.0	2.5	1.9	2.7	2.3	2.0	1.6	1.2	1977	216.95	206.84	212.86	213.56	211.45	214.52	215.59	214.00	217.74	221.13	222.49	224.81	227.40
1978	2.3	2.4	2.1	2.2	2.0	2.6	3.1	1.8	2.5	2.7	2.6	2.2	1.7	1978	235.42	221.36	226.49	231.65	231.34	231.49	233.21	235.89	241.43	241.13	248.12	251.58	
1979	2.6	3.0	2.4	2.5	2.8	2.9	3.5	2.0	2.3	2.6	2.7	2.2	1.9	1979	255.44	246.22	250.28	254.37	242.41	255.64	253.79	253.17	252.55	259.79	256.88	265.63	273.19
1980	2.3	2.3	2.6	2.3	2.2	2.4	2.8	2.1	2.5	3.1	1.9	1.7	1.4	1980	281.54	278.46	276.81	279.86	275.26	278.26	284.13	279.10	280.67	281.76	281.93	288.69	292.32
1981		1.9	1.7	2.0										1981		288.05	287.24	291.72									

See footnotes at end of tables.

MANUFACTURING

SIC 3822

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 382—MEASURING AND CONTROLLING DEVICES (Con.)														SIC 382—MEASURING AND CONTROLLING DEVICES (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.37	5.21	5.23	5.26	5.26	5.31	5.31	5.35	5.43	5.46	5.48	5.51	5.56	1977	0.3	0.5	0.4	0.3	0.5	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.2
1978	5.77	5.59	5.62	5.65	5.67	5.73	5.71	5.73	5.81	5.86	5.91	5.95	5.99	1978	.2	.3	.3	.3	.2	.2	.2	.2	.1	.5	.1	.3	.1
1979	6.20	6.02	6.06	6.10	6.03	6.16	6.16	6.19	6.19	6.26	6.25	6.37	6.52	1979	.3	.2	.3	.4	.2	.4	.2	.5	.5	.3	.2	.4	.2
1980	6.85	6.63	6.67	6.76	6.73	6.82	6.93	6.96	6.93	6.94	6.91	6.99	7.01	1980	.6	.3	.4	.5	.6	1.3	1.0	.8	.6	.3	.5	.3	.2
1981		7.06	7.11	7.15										1981		.4	.4	.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3822—ENVIRONMENTAL CONTROLS													
1977	40.4	39.7	40.7	40.6	40.2	40.4	40.6	40.0	40.1	40.5	40.6	40.8	40.9	1977	46.6	45.2	45.8	44.4	45.1	46.7	47.1	46.9	47.2	47.4	47.3	47.6	48.3
1978	40.8	39.6	40.3	41.0	40.8	40.4	40.6	40.7	40.6	41.2	40.8	41.7	42.0	1978	49.0	48.8	49.1	49.3	49.3	49.4	49.5	49.0	47.7	48.5	48.9	49.1	48.9
1979	41.2	40.9	41.3	41.7	40.2	41.5	41.2	40.9	40.8	41.5	41.1	41.7	41.9	1979	49.8	49.5	49.8	49.4	49.3	48.9	49.6	49.4	50.1	50.0	50.3	50.5	50.8
1980	41.1	42.0	41.5	41.4	40.9	40.8	41.0	40.1	40.5	40.6	40.8	41.3	41.7	1980	47.4	50.2	50.5	50.8	49.2	47.4	46.4	43.9	44.7	46.0	46.1	46.7	47.3
1981		40.8	40.4	40.8										1981		47.2	47.3	47.9									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	2.4	2.3	2.4	2.3	2.2	2.3	2.5	2.2	2.3	2.6	2.6	2.4	2.7	1977	23.0	21.2	22.0	21.4	22.1	23.0	23.6	23.4	23.5	23.6	23.5	23.9	24.2
1978	2.4	2.4	2.7	2.5	2.1	2.0	2.1	1.9	2.1	2.6	2.5	2.6	3.0	1978	24.4	24.6	24.8	24.8	24.9	24.8	24.8	24.5	23.6	24.3	24.1	24.2	23.9
1979	2.5	2.5	2.8	2.7	1.5	2.4	2.5	2.2	2.4	2.9	2.5	3.0	2.8	1979	25.2	24.4	24.9	24.9	24.8	24.6	25.3	24.9	25.5	25.6	25.8	25.7	25.7
1980	2.3	2.6	2.6	2.5	2.0	2.1	2.1	1.7	2.1	2.3	2.2	2.3	2.5	1980	24.2	25.5	25.6	26.0	25.8	24.8	23.3	21.7	22.7	23.4	23.9	24.0	24.1
1981		2.1	2.1	2.1										1981		23.7	23.6	23.8									
ACCESSIONS PER 100 EMPLOYEES														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.1	3.0	2.5	2.9	2.7	3.7	3.9	2.7	3.6	3.6	3.4	2.8	2.1	1977	23.0	21.2	22.0	21.4	22.1	23.0	23.6	23.4	23.5	23.6	23.5	23.9	24.2
1978	3.0	2.9	2.8	2.7	2.7	3.4	3.9	2.8	3.4	3.4	3.2	2.7	2.1	1978	24.4	24.6	24.8	24.8	24.9	24.8	24.8	24.5	23.6	24.3	24.1	24.2	23.9
1979	3.1	3.4	3.0	2.8	2.8	3.4	4.0	3.2	3.1	3.3	3.3	2.6	1.8	1979	25.2	24.4	24.9	24.9	24.8	24.6	25.3	24.9	25.5	25.6	25.8	25.7	25.7
1980	2.4	2.9	2.7	2.8	2.3	2.2	3.1	2.0	2.4	2.6	2.3	1.8	1.4	1980	24.2	25.5	25.6	26.0	25.8	24.8	23.3	21.7	22.7	23.4	23.9	24.0	24.1
1981		1.9	1.9	2.3										1981		23.7	23.6	23.8									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.4	2.2	1.9	2.2	2.1	3.0	2.8	2.0	3.0	3.0	2.9	2.3	1.7	1977	32.7	31.7	32.4	31.3	31.9	33.3	33.0	32.8	33.0	33.1	32.9	33.1	33.7
1978	2.5	2.4	2.3	2.2	2.2	2.8	3.2	2.3	2.9	2.8	2.6	2.2	1.7	1978	34.0	34.3	34.4	34.5	34.5	34.6	34.7	34.2	32.5	33.4	33.7	33.8	33.8
1979	2.4	2.8	2.5	2.3	2.4	2.5	3.3	2.4	2.6	2.7	2.5	1.9	1.4	1979	34.9	34.5	34.7	34.4	34.2	34.2	34.9	34.4	35.0	35.3	35.6	35.5	35.6
1980	1.8	2.2	2.1	2.3	1.8	1.8	2.4	1.4	1.3	1.9	1.7	1.4	1.0	1980	32.8	35.4	35.7	35.9	34.2	33.2	31.4	29.2	30.4	31.3	31.5	32.2	32.6
1981		1.4	1.4	1.7										1981		32.6	32.5	33.0									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	.3	.5	.2	.3	.3	.3	.2	.3	.3	.3	.2	.2	.1	1977	202.58	190.12	199.67	200.79	194.93	199.98	202.51	199.80	204.75	205.01	206.80	208.82	216.36
1978	.2	.1	.1	.1	.1	.2	.2	.1	.2	.3	.2	.2	.2	1978	220.25	209.08	219.49	218.00	216.86	215.67	215.76	215.21	223.11	226.03	224.87	227.77	233.29
1979	.2	.2	.1	.2	.2	.3	.2	.4	.2	.3	.3	.2	.2	1979	232.40	225.89	228.05	236.64	221.95	229.31	230.66	230.49	233.81	234.95	233.56	237.63	245.50
1980	.3	.4	.3	.1	.1	.1	.3	.4	.8	.5	.4	.2	.2	1980	247.95	244.77	242.80	249.08	246.43	242.31	246.18	242.56	246.57	246.87	248.61	256.00	266.39
1981		.3	.2	.4										1981		260.25	262.00	265.34									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	2.4	2.3	1.9	2.2	2.5	2.2	2.4	2.3	3.8	3.1	2.4	2.1	1.5	1977	5.09	4.90	4.93	4.97	4.91	5.05	5.05	5.11	5.21	5.19	5.17	5.26	5.29
1978	2.4	2.1	1.9	2.2	2.2	2.3	2.3	2.1	3.5	3.5	2.9	2.0	1.8	1978	5.52	5.32	5.46	5.45	5.49	5.53	5.49	5.49	5.55	5.54	5.58	5.61	5.69
1979	2.5	2.4	2.3	2.5	2.1	2.8	2.4	2.4	3.7	2.9	2.4	2.3	1.5	1979	5.81	5.69	5.73	5.80	5.75	5.82	5.81	5.85	5.86	5.83	5.81	5.81	5.93
1980	2.4	2.4	2.4	2.3	2.6	3.0	2.9	2.3	2.9	2.2	2.5	1.5	1.3	1980	6.23	5.97	6.01	6.12	6.13	6.15	6.28	6.40	6.29	6.33	6.31	6.40	6.45
1981		2.0	1.8	1.8										1981		6.49	6.55	6.65									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.3	1.1	.9	1.1	1.2	1.2	1.4	1.2	2.4	1.9	1.4	1.0	.7	1977	39.8	38.8	40.5	40.4	39.7	39.6	40.1	39.1	39.3	39.5	40.0	39.7	40.9
1978	1.4	1.1	1.0	1.2	1.3	1.4	1.4	1.3	2.5	2.2	1.9	1.1	1.0	1978	39.9	39.3	40.2	40.0	39.5	39.0	39.3	39.2	40.2	40.8	40.3	40.6	41.0
1979	1.4	1.4	1.1	1.4	1.3	1.6	1.5	1.3	2.5	1.8	1.5	1.0	.8	1979	40.0	39.7	39.8	40.8	38.6	39.4	39.7	39.4	39.9	40.3	40.2	40.9	41.4
1980	1.2	1.3	1.2	1.2	1.2	1.1	1.2	1.0	1.7	1.4	1.4	.8	.7	1980	39.8	41.0	40.4	40.7	40.2	39.4	39.2	37.9	39.2	39.0	39.4	40.0	41.3
1981		1.1	.9	.9										1981		40.1	40.0	39.9									
														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977														1977	2.1	2.1	2.3	2.2	2.0	2.2	2.1	1.6	2.3	2.1	1.9	1.8	2.5
1978														1978	2.0	2.3	2.7	2.2	1.6	1.3	1.6	1.5	2.0	2.2	1.6	2.0	2.7
1979														1979	1.7	1.7	2.4	1.7	.9	1.3	1.6	1.5	1.8	2.0	1.6	2.0	2.1
1980														1980	1.7	2.0	1.8	2.0	1.6	1.1	1.1	1.1	1.7	1.9	1.5	2.1	3.0
1981														1981		2.5	2.6	2.2									

See footnotes at end of tables.

SIC 3822
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3822—ENVIRONMENTAL CONTROLS (Con.)

ACCESSIONS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES													
1977	3.7	4.5	3.2	3.9	4.1	5.4	4.0	2.7	4.3	3.6	3.4	2.7	2.6	1977	2.6	2.7	2.2	2.4	2.8	4.2	3.2	1.7	3.5	2.7	2.5	1.8	2.0
1978	3.0	3.4	2.8	2.7	2.5	3.6	3.2	2.1	3.5	3.7	3.4	2.5	2.4	1978	2.2	2.5	2.1	1.9	2.0	2.7	2.3	1.5	2.7	2.4	2.5	1.6	1.7
1979	3.1	3.8	2.9	2.8	2.5	3.3	3.2	3.2	3.1	3.9	3.7	2.4	2.0	1979	2.1	2.8	2.0	2.0	1.6	2.2	2.4	1.8	2.2	3.1	2.3	1.8	1.5
1980	2.7	4.3	3.3	3.3	2.3	1.6	2.5	1.6	4.4	2.9	2.5	1.9	1.4	1980	1.5	2.6	1.8	2.4	1.5	1.1	1.9	.9	1.0	1.5	1.3	1.0	.8
1981		2.7	2.0	2.0										1981		1.6	1.3	1.5									
RECALLS PER 100 EMPLOYEES														SEPARATIONS PER 100 EMPLOYEES													
1977	.5	1.4	.4	.7	.7	.4	.4	.6	.1	.3	.3	.4	.2	1977	3.0	3.4	2.4	3.2	3.7	3.1	2.7	3.0	4.4	3.4	2.7	2.1	1.9
1978	.4	.3	.2	.3	.1	.4	.4	.2	.3	.9	.4	.5	.4	1978	2.6	2.8	2.1	2.7	2.3	2.9	2.6	2.2	3.5	3.4	2.9	2.1	1.8
1979	.4	.5	.5	.5	.5	.6	.4	1.0	.4	.3	.3	.1	.2	1979	2.7	2.8	3.3	3.4	1.9	2.4	2.5	2.7	4.1	3.2	2.5	2.4	1.6
1980	.9	1.3	1.0	.4	.3	.1	.3	.5	3.1	1.2	1.0	.8	.5	1980	3.0	3.4	3.2	2.9	3.7	6.1	3.8	3.3	2.8	2.5	2.1	1.4	1.3
1981		.9	.6	.4										1981		2.6	1.9	2.1									
QUITS PER 100 EMPLOYEES														LAYOFFS PER 100 EMPLOYEES													
1977	1.3	1.2	.9	1.2	1.4	1.3	1.4	1.3	2.8	1.8	1.3	.7	.7	1977	.5	1.0	.4	.8	.9	.5	.2	.6	.4	.4	.3	.5	.4
1978	1.3	1.0	.9	1.2	1.2	1.3	1.3	1.2	2.4	1.7	1.7	.9	.8	1978	.4	.6	.3	.5	.3	.7	.3	.3	.1	.8	.1	.5	.3
1979	1.3	1.4	1.0	1.3	1.2	1.1	1.4	1.2	2.4	1.5	1.3	.9	.7	1979	.6	.4	1.2	1.1	.1	.5	.3	.9	.8	.9	.4	.8	.3
1980	1.0	1.6	1.2	1.1	1.0	.9	.9	1.0	1.2	1.3	1.1	.5	.6	1980	1.3	.6	.8	.8	1.8	4.3	2.3	1.6	1.0	.5	.5	.5	.4
1981		1.0	.7	.7										1981		.9	.7	.9									

SIC 3823—PROCESS CONTROL INSTRUMENTS

ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	45.7	43.1	43.7	44.1	44.5	44.9	45.7	46.1	46.4	46.8	47.2	47.5	47.8	1977	14.3	13.2	13.4	13.7	13.8	14.0	14.3	14.4	14.5	14.9	15.0	15.1	15.1
1978	48.6	47.8	48.0	47.4	47.3	47.7	48.6	48.8	48.7	48.9	49.6	50.1	50.6	1978	15.9	15.1	15.3	15.3	15.3	15.3	16.7	16.0	15.9	16.0	16.4	16.4	16.6
1979	50.9	50.4	50.7	50.8	51.4	51.1	50.9	51.0	49.5	50.3	51.0	51.7	52.0	1979	16.8	16.5	16.8	16.8	16.9	16.8	16.7	16.8	16.4	16.2	16.9	17.1	17.3
1980	52.9	52.3	52.6	52.4	52.4	52.7	54.1	54.1	52.5	52.0	52.4	53.4	54.1	1980	17.9	17.3	17.6	17.6	17.7	17.6	18.3	18.4	17.6	17.5	17.9	18.0	18.7
1981		54.4	54.7	55.2										1981		18.9	19.0	18.9									

SIC 3823—PROCESS CONTROL INSTRUMENTS (Con.)

PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	23.8	22.0	22.4	22.6	23.1	23.5	23.9	24.0	24.4	24.8	25.0	25.2	25.2	1977	224.54	206.56	217.65	216.12	218.41	221.24	227.10	226.72	221.65	232.54	231.84	234.92	233.79
1978	25.6	25.2	25.0	24.6	24.6	24.9	25.6	25.7	25.6	25.5	26.6	26.9	27.4	1978	244.36	224.47	223.18	238.26	237.69	237.89	240.93	244.18	244.73	258.26	254.28	260.15	266.30
1979	27.0	27.5	27.7	27.7	27.7	27.9	27.7	27.2	26.8	25.1	25.9	26.3	26.8	1979	263.75	253.78	259.34	262.84	243.82	264.50	260.18	261.04	254.20	274.09	268.18	282.10	283.19
1980	27.8	27.6	27.7	27.4	27.3	27.8	28.7	28.7	27.5	27.0	27.3	28.2	28.5	1980	294.01	284.23	287.74	285.52	285.98	291.89	294.25	294.80	285.44	296.87	296.78	309.84	310.28
1981		28.9	29.1	29.1										1981		302.32	297.91	303.00									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.45	5.19	5.27	5.31	5.34	5.37	5.42	5.45	5.50	5.59	5.60	5.62	5.62	1977	41.2	39.8	41.3	40.7	40.9	41.2	41.9	41.6	40.3	41.6	41.4	41.8	41.6
1978	5.86	5.64	5.65	5.70	5.70	5.76	5.75	5.80	5.94	6.02	6.04	6.05	6.15	1978	41.7	39.8	39.5	41.8	41.7	41.3	41.9	42.1	41.2	42.9	42.1	43.0	43.3
1979	6.25	6.13	6.16	6.17	6.05	6.18	6.18	6.26	6.17	6.33	6.34	6.50	6.51	1979	42.2	41.4	42.1	42.6	40.3	42.8	42.1	41.7	41.2	43.3	42.3	43.4	43.5
1980	6.79	6.61	6.63	6.64	6.62	6.71	6.78	6.84	6.78	6.92	6.87	7.01	7.02	1980	43.3	43.0	43.4	43.0	43.2	43.5	43.4	43.1	42.1	42.9	43.2	44.2	44.2
1981		7.08	7.11	7.18										1981		42.7	41.9	42.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	3.0	2.5	2.9	2.6	2.7	2.9	3.1	3.1	2.3	3.6	3.3	3.1	3.3	1977	2.3	2.6	2.1	2.4	1.6	3.3	3.1	2.4	2.4	2.5	2.3	1.9	1.4
1978	2.9	2.4	2.3	2.2	2.3	2.5	2.4	2.6	2.6	3.8	3.7	3.7	4.4	1978	2.8	2.1	2.2	2.1	2.5	3.3	4.0	2.4	3.3	3.9	3.3	2.9	1.7
1979	3.2	3.2	3.6	3.6	1.7	3.2	3.1	2.8	2.7	3.9	3.3	3.5	4.0	1979	2.7	3.1	3.1	2.5	2.6	3.0	3.6	2.4	2.2	3.0	3.6	2.1	1.6
1980	3.7	4.1	4.3	3.8	3.6	3.9	3.6	3.3	3.3	3.6	3.6	3.8	3.4	1980	2.6	2.6	2.9	2.4	2.1	2.9	4.8	2.1	2.2	2.8	2.5	2.0	1.6
1981		3.2	2.9	2.9										1981		1.9	1.8	2.3									
NEW HIRES PER 100 EMPLOYEES														RECALLS PER 100 EMPLOYEES													
1977	1.9	2.0	1.7	2.0	1.3	2.7	2.4	1.9	1.8	2.1	1.9	1.5	1.2	1977	.1	.2	.1	.1	.1	.2	.1	.3	.1	.1	.1	.1	.1
1978	2.4	1.7	1.8	1.6	2.1	2.9	3.5	2.2	2.8	3.3	3.3	2.7	2.6	1978	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.2	.2
1979	2.3	2.3	2.8	2.2	2.2	2.5	3.2	2.0	1.9	2.3	2.3	2.7	1.7	1979	.3	.4	.1	.1	.2	.3	.1	.1	.1	.5	.8	.3	.2
1980	2.2	2.2	2.4	2.2	1.9	2.5	4.1	1.8	1.5	2.3	2.1	1.9	1.2	1980	.2	.2	.3	(¹)	(¹)	.2	.5	.2	.4	.3	.2	.1	.3
1981		1.7	1.5	1.8										1981		.1	.1	.4									

See footnotes at end of tables.

MANUFACTURING

SIC 3825

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3823—PROCESS CONTROL INSTRUMENTS (Con.)														SIC 3825—INSTRUMENTS TO MEASURE ELECTRICITY (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.1	2.0	1.8	1.9	1.8	2.2	2.0	2.1	3.4	2.8	1.8	2.1	1.2	1977	40.4	40.1	40.5	40.6	40.1	40.3	40.1	40.0	40.4	40.3	40.7	40.8	40.8
1978	2.4	1.8	1.8	2.2	2.6	2.0	2.6	2.1	4.2	3.4	2.5	1.6	1.6	1978	41.2	40.5	41.4	41.6	41.5	41.0	40.9	41.4	41.1	40.6	40.5	42.0	42.2
1979	2.4	2.6	1.7	2.4	2.3	2.8	2.8	2.1	4.7	2.4	2.1	2.1	1.2	1979	41.8	41.9	42.3	42.2	41.6	42.5	41.7	42.0	41.4	41.4	41.3	41.7	42.0
1980	2.3	2.4	2.1	2.2	2.3	2.5	2.4	2.2	4.3	2.1	2.4	1.4	1.3	1980	41.2	43.0	41.6	41.8	40.9	40.6	41.3	40.5	40.6	40.6	40.8	41.0	41.2
1981		2.0	1.4	2.0										1981		40.5	40.1	40.8									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.2	1.1	.9	.9	1.0	1.1	1.2	1.2	2.3	1.9	.9	.9	.6	1977	2.0	1.9	1.8	1.8	1.7	1.8	2.1	2.1	2.0	2.0	2.4	2.1	2.4
1978	1.4	1.0	.8	1.3	1.4	1.2	1.6	1.3	3.1	1.9	1.1	.9	.8	1978	2.1	2.5	2.6	2.5	2.2	2.0	2.0	1.5	1.9	1.9	2.0	2.1	2.3
1979	1.4	1.4	1.0	1.5	1.2	1.5	1.5	1.3	3.3	1.5	1.3	.9	.6	1979	2.2	2.3	2.3	2.4	1.6	2.0	2.1	1.9	2.1	2.4	2.1	2.9	2.5
1980	1.2	1.2	1.3	1.2	1.1	1.2	1.1	.9	3.2	1.3	1.1	.9	.5	1980	1.8	2.1	2.1	2.2	1.5	1.5	1.7	1.2	1.9	1.9	2.0	1.8	2.0
1981		1.1	.7	1.1										1981		1.6	1.5	1.7									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.2	.2	.4	.3	.2	.3	.1	.1	.2	.1	.4	.5	.2	1977	3.2	2.3	2.3	2.7	2.7	3.2	4.6	3.1	3.9	4.3	4.0	3.2	2.5
1978	.2	.1	.3	.1	.2	.1	.3	.2	.1	.4	.1	.1	.1	1978	3.2	3.4	3.3	3.3	3.1	3.5	4.6	3.5	3.5	3.1	3.0	2.5	2.1
1979	.3	.3	.1	.2	.3	.6	.4	.1	.6	.1	.2	.4	.1	1979	3.2	3.2	3.0	2.7	3.0	3.7	4.6	3.9	3.4	3.3	3.0	3.0	1.8
1980	.4	.2	.1	.3	.5	.6	.6	.8	.5	.2	.3	.2	.4	1980	2.1	2.3	2.4	2.6	2.2	2.1	2.7	2.3	1.7	1.9	2.2	1.7	1.3
1981		.2	.2	.1										1981		1.5	1.9	2.2									
SIC 3825—INSTRUMENTS TO MEASURE ELECTRICITY														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.6	1.7	1.6	2.1	2.1	2.4	3.0	2.4	3.3	3.8	3.6	2.9	2.1
1977	70.6	66.1	66.8	67.6	67.9	68.6	70.0	72.8	72.9	73.3	73.4	73.5	74.7	1978	2.7	2.9	2.9	2.8	2.6	3.0	3.8	2.8	3.0	2.7	2.5	2.2	1.8
1978	83.0	75.5	77.0	78.2	80.5	81.6	83.4	85.0	86.8	86.8	86.5	87.0	88.1	1979	2.5	2.7	2.6	2.3	2.6	2.2	3.7	3.0	2.9	2.7	2.4	1.9	1.3
1979	95.1	89.2	89.9	91.4	92.5	93.0	95.7	96.2	98.9	98.8	98.3	98.6	99.1	1980	1.6	1.7	1.9	2.2	1.7	1.7	1.8	1.4	1.2	1.3	1.7	1.4	.9
1980	102.1	99.7	100.0	101.1	101.6	101.7	102.9	103.5	103.4	102.8	102.5	102.8	103.1	1981		1.1	1.5	1.7									
1981		104.0	103.8	103.8										RECALLS PER 100 EMPLOYEES													
1977														1977	.2	.1	.2	.2	.1	.2	.2	.2	.4	.2	.1	(¹)	.1
1978														1978	.1	.1	(¹)	.1	.1	(¹)	.1	.1	.1	(¹)	.1	(¹)	.1
1979														1979	.1	(¹)	(¹)	(¹)	(¹)	.1	.1	.1	.4	.1	.1	.1	.1
1980														1980	.1	.1	.1	(¹)	(¹)	(¹)	.2	.5	.1	.1	.1	.1	.1
1981														1981		.1	(¹)	.1							.1	.1	.1
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	31.6	29.7	30.1	30.5	30.9	31.3	31.8	32.3	32.0	32.1	32.3	32.5	33.2	1977	2.2	1.9	1.4	1.6	1.9	1.7	2.5	1.8	3.6	3.5	2.8	2.2	1.4
1978	37.9	33.8	34.7	35.3	36.6	37.4	38.2	38.5	39.9	39.7	39.8	40.0	40.6	1978	2.3	2.0	1.7	1.8	1.9	2.1	1.9	2.0	3.1	3.7	3.5	2.2	1.8
1979	44.2	41.4	41.8	42.6	43.1	43.5	44.7	44.6	45.7	45.8	45.5	45.6	45.6	1979	2.2	2.0	1.7	1.9	1.9	2.7	2.0	2.2	2.6	2.8	2.3	2.6	1.4
1980	46.8	45.8	45.9	46.4	46.9	46.6	47.1	47.1	47.0	47.0	47.0	47.0	47.5	1980	1.9	1.7	1.7	1.9	1.9	1.9	2.4	1.9	1.9	2.0	2.7	1.5	1.2
1981		47.8	48.2	48.0										1981		1.5	1.6	1.5									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	44.1	41.6	42.2	42.6	42.9	43.3	44.1	44.9	44.9	45.5	45.6	46.5		1977	1.4	1.1	.9	1.0	1.3	1.1	1.7	1.2	2.3	2.2	2.0	1.3	.9
1978	52.8	47.1	48.2	49.3	50.4	52.0	53.2	54.2	55.6	55.6	55.1	55.7	56.6	1978	1.6	1.3	1.2	1.2	1.4	1.5	1.4	1.4	2.3	2.8	2.6	1.3	1.2
1979	60.5	57.5	58.1	58.7	59.4	59.6	61.3	60.8	62.8	62.6	61.7	61.0	62.4	1979	1.5	1.4	1.1	1.3	1.4	1.8	1.5	1.3	2.0	2.2	1.6	1.1	.9
1980	62.6	62.5	62.8	63.3	62.8	62.4	63.1	61.9	62.4	62.1	62.1	62.4	63.0	1980	1.2	1.1	1.2	1.2	1.3	1.1	1.3	1.0	1.3	1.4	1.7	.9	.9
1981		64.4	64.8	64.5										1981		1.0	1.0	.9									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	226.64	220.15	222.75	223.30	220.95	222.46	220.95	222.00	229.88	229.71	232.80	234.60	236.64	1977	.2	.3	.1	.1	.1	.1	.2	.2	.5	.4	.2	.4	.1
1978	246.38	237.33	240.12	242.53	242.78	242.72	240.90	243.02	245.78	245.63	249.48	259.98	262.48	1978	.1	.2	.1	.1	(¹)	(¹)	.1	.1	.1	.2	.1	.3	.1
1979	272.95	262.71	266.49	267.55	261.66	272.85	268.97	272.16	271.58	274.48	273.41	284.39	297.36	1979	.1	.1	.1	.1	.1	.2	(¹)	.4	.1	.1	.1	.2	.1
1980	304.47	310.89	303.68	309.32	298.98	301.66	310.16	302.13	303.69	301.25	300.29	304.63	305.70	1980	.2	.1	.1	.2	.1	.3	.3	.5	.2	.2	.3	.2	(¹)
1981		300.92	299.15	303.96										1981		.1	.1	.1									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS																											
1977	5.61	5.49	5.50	5.50	5.51	5.52	5.51	5.55	5.69	5.70	5.72	5.75	5.80	1977	.2	.3	.1	.1	.1	.1	.2	.2	.5	.4	.2	.4	.1
1978	5.98	5.86	5.80	5.83	5.85	5.92	5.89	5.87	5.98	6.05	6.16	6.19	6.22	1978	.1	.2	.1	.1	(¹)	(¹)	.1	.1	.1	.2	.1	.3	.1
1979	6.53	6.27	6.30	6.34	6.29	6.42	6.45	6.48	6.56	6.63	6.62	6.82	7.08	1979	.1	.1	.1	.1	.1	.2	(¹)	.4	.1	.1	.1	.2	.1
1980	7.39	7.23	7.30	7.40	7.31	7.43	7.51	7.46	7.48	7.42	7.36	7.43	7.42	1980	.2	.1	.1	.2	.1	.3	.3	.5	.2	.2	.3	.2	(¹)
1981		7.43	7.46	7.45										1981		.1	.1	.1									

See footnotes at end of tables.

SIC 383
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 383—OPTICAL INSTRUMENTS AND LENSES

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
25.1	25.3	25.7	25.7	25.6	26.1	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.4	25.7	28.1	31.6	32.9	33.4
27.1	27.3	27.9	28.2	28.5	28.8	29.2	29.7	30.0	30.0	30.0	30.0	30.0	30.0	28.1	26.7	30.4	32.6	33.5
31.0	31.0	31.7	31.7	31.9	32.2	32.4	32.5	32.8	32.8	32.9	32.8	32.8	32.8	31.6	26.7	30.5	32.7	33.5
33.0	33.3	33.3	32.9	32.6	32.8	32.9	32.8	33.2	33.2	33.2	33.2	33.2	33.2	31.0	26.9	30.9	32.7	33.5

WOMEN EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
8.4	8.5	8.6	8.6	8.7	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7	9.6	10.9	11.5	11.1
9.1	9.3	9.5	9.6	9.8	10.0	10.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	8.5	9.0	10.2	11.5	11.1
10.4	10.5	10.8	11.0	11.3	11.6	11.8	11.6	11.6	11.6	11.6	11.6	11.6	11.6	8.5	9.0	10.2	11.5	11.1
11.6	11.5	11.8	11.6	11.3	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	8.5	9.0	10.2	11.5	11.1

PRODUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
14.4	14.6	15.0	14.8	14.8	15.1	15.1	15.5	15.3	15.3	15.3	15.3	15.3	15.3	14.9	15.9	17.6	18.2	18.0
15.3	15.2	15.9	15.9	15.8	16.3	16.6	17.0	17.0	17.0	17.0	17.0	17.0	17.0	14.8	15.3	16.9	18.1	18.0
17.2	17.4	17.9	17.5	17.8	18.0	18.2	18.0	17.9	17.9	18.0	18.0	18.0	18.0	14.8	15.3	16.9	18.1	18.0
18.2	18.3	18.5	18.3	18.2	18.1	18.2	18.1	18.2	18.1	18.2	18.1	18.2	18.2	14.8	15.3	16.9	18.1	18.0

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
229.94	238.49	245.40	241.66	245.78	260.42	256.77	256.36	261.22	261.22	261.22	261.22	261.22	261.22	246.28	267.25	295.70	300.12	300.12
255.35	259.60	259.89	274.07	264.11	268.14	271.92	282.06	291.84	291.84	291.84	291.84	291.84	291.84	246.28	267.25	295.70	300.12	300.12
290.17	290.59	294.70	295.24	297.25	299.10	296.67	289.76	309.81	309.81	309.81	309.81	309.81	309.81	246.28	267.25	295.70	300.12	300.12
287.34	293.63	293.15	296.86	286.60	305.47	304.56	312.48	327.60	327.60	327.60	327.60	327.60	327.60	246.28	267.25	295.70	300.12	300.12

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
5.44	5.36	5.47	5.49	5.53	5.65	5.80	5.77	5.80	5.87	5.87	5.87	5.87	5.87	5.61	6.06	6.66	7.32	7.85
5.93	5.87	5.90	5.92	6.05	6.03	6.15	6.18	6.31	6.40	6.40	6.40	6.40	6.40	5.61	6.06	6.66	7.32	7.85
6.52	6.55	6.53	6.52	6.71	6.71	6.86	6.82	6.77	6.90	6.90	6.90	6.90	6.90	5.61	6.06	6.66	7.32	7.85
7.06	7.25	7.15	7.44	7.33	7.58	7.52	7.64	7.80	7.80	7.80	7.80	7.80	7.80	5.61	6.06	6.66	7.32	7.85

PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
42.9	43.6	44.7	43.7	43.5	44.9	44.5	44.2	44.5	44.5	44.5	44.5	44.5	44.5	43.9	44.1	44.4	42.1	40.8
43.6	44.0	43.9	45.3	43.8	43.6	44.0	44.7	45.6	45.6	45.6	45.6	45.6	45.6	44.1	44.1	44.4	42.1	40.8
44.3	44.5	45.2	44.0	44.3	43.6	43.5	42.8	44.9	44.9	44.9	44.9	44.9	44.9	44.4	44.3	44.5	42.1	40.8
40.7	40.5	41.0	39.9	39.1	40.3	40.5	40.9	42.0	42.0	42.0	42.0	42.0	42.0	41.0	41.4	45.0	42.1	40.8

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1977	1978	1979	1980	1981
2.5	3.5	3.9	2.5	3.0	4.3	3.7	3.8	4.3	4.3	4.3	4.3	4.3	4.3	3.5	3.7	4.0	3.1	3.3
3.3	3.2	3.6	3.4	3.3	3.8	3.5	4.0	4.5	4.5	4.5	4.5	4.5	4.5	3.5	3.7	4.0	3.1	3.3
3.9	4.1	3.5	4.0	3.6	4.0	4.0	3.5	4.2	4.2	4.2	4.2	4.2	4.2	3.5	3.7	4.0	3.1	3.3
3.3	3.3	2.6	1.8	3.2	3.0	3.0	3.0	3.7	3.7	3.7	3.7	3.7	3.7	3.1	3.3	3.2	3.1	3.3

ACCESSIONS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
2.1	3.0	3.2	2.3	2.7	3.6	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.9	3.0	3.3	2.7
2.6	3.2	4.2	2.1	2.2	2.8	3.0	2.3	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.0	3.0	3.3	2.7
5.6	3.0	2.8	3.0	2.8	3.0	3.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.0	3.0	3.3	2.7
3.7	3.7	2.0	2.1	2.1	2.8	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.8	2.9	3.0	3.3	2.7

SIC 383—OPTICAL INSTRUMENTS AND LENSES (Con.)

NEW HIRES PER 100 EMPLOYEES														1977	1978	1979	1980	1981
1.9	2.6	2.9	2.1	2.6	3.4	2.7	3.1	1.8	1.8	2.6	2.2	2.0	2.2	2.5	2.6	2.7	2.8	2.2
2.4	2.7	3.4	1.9	2.0	2.4	2.8	3.1	2.6	2.6	2.8	2.2	2.0	2.2	2.5	2.6	2.7	2.8	2.2
2.3	3.0	4.9	2.8	2.6	2.8	3.1	2.6	2.8	2.8	3.1	2.6	2.0	2.2	2.5	2.6	2.7	2.8	2.2
2.8	2.7	3.1	1.8	1.8	2.6	2.2	2.0	2.2	2.2	2.8	2.2	2.0	2.2	2.5	2.6	2.7	2.8	2.2

RECALLS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
.1	.1	.1	(¹)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
.1	(¹)	(¹)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
.1	.1	.1	.1	(¹)	.1	.1	.1	(¹)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

SEPARATIONS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
2.4	1.9	2.1	1.8	2.7	3.1	1.7	1.6	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.2	2.3	2.3	2.8
2.2	2.7	1.7	2.2	2.2	3.1	1.6	1.7	2.0	2.0	2.3	2.3	2.3	2.3	2.2	2.2	2.3	2.3	2.8
2.3	2.1	1.5	2.4	2.3	3.0	2.3	2.0	2.0	2.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.8
2.3	2.5	2.0	2.1	2.3	2.7	2.5	1.9	2.2	2.4	3.1	2.7	2.5	1.9	2.3	2.2	2.3	2.3	2.8

QUITS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
1.3	1.2	1.5	1.3	1.8	2.1	1.2	.9	.9	.9	.9	.9	.9	.9	1.4	1.6	1.7	1.4	1.6
1.5	1.4	1.5	1.3	2.3	2.4	1.3	1.2	1.5	1.5	1.8	1.9	1.5	1.1	1.6	1.9	1.2	1.3	1.3
1.8	1.8	1.6	1.4	2.4	2.3	1.8	1.4	1.4	1.4	1.8	1.9	1.5	1.1	1.6	1.9	1.2	1.3	1.3
1.3	1.3	1.2	1.3	1.8	1.9	1.5	1.1	1.1	1.1	1.8	1.9	1.5	1.1	1.6	1.9	1.2	1.3	1.3

LAYOFFS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
.5	.2	.2	.1	.3	.3	.1	.3	.1	.1	.3	.3	.1	.3	.3	.1	.3	.1	.1
.2	.3	.1	.3	.2	.2	(¹)	(¹)	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1
.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
.3	.1	.1	.1	.6	.1	.5	.6	.3	.2	.5	.4	.5	.4	.3	.1	.3	.1	.1

SIC 384—MEDICAL INSTRUMENTS AND SUPPLIES

ALL EMPLOYEES—IN THOUSANDS													
1977	127.8	124.4	125.5	126.8	127.3	128.2	129.2	128.2	127.7	128.0	127.9	129.7	131.0
1978	135.8	131.0	131.6	132.7	133.6	134.9	137.0	135.6	137.2	137.1	137.8	139.8	141.0
1979	144.3	140.3	141.2	141.3	141.9	142.8	145.4	142.9	144.0	144.4	146.7	149.3	150.9
1980	155.5	151.7	153.5	155.1	155.8	156.1	155.6	155.8	155.9	155.6	155.9	157.1	158.1
1981		157.6	158.3	159.0									

MANUFACTURING

SIC 3841

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 384—MEDICAL INSTRUMENTS AND SUPPLIES (Con.)														SIC 384—MEDICAL INSTRUMENTS AND SUPPLIES (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	182.74	176.01	180.54	180.95	176.91	180.80	183.42	178.62	182.68	185.87	185.07	187.20	189.81	1977	1.6	1.4	1.3	1.5	1.6	1.6	1.7	1.4	2.7	2.3	1.5	1.3	1.1
1978	197.20	186.28	188.02	192.63	194.97	195.29	197.29	195.22	197.21	202.81	202.40	201.60	208.28	1978	1.8	1.5	1.3	1.7	1.7	1.6	1.9	1.5	2.5	2.3	1.9	1.7	1.5
1979	207.76	202.79	205.40	207.38	197.08	207.64	207.48	205.06	199.68	204.48	206.80	221.13	227.66	1979	2.0	2.0	1.6	2.1	2.0	1.9	2.1	1.7	3.6	2.6	2.0	1.6	1.4
1980	227.94	220.64	222.55	222.95	221.82	222.87	226.51	221.57	226.78	232.85	233.82	241.20	243.20	1980	1.7	1.8	1.8	1.5	1.7	2.0	1.6	1.6	2.8	1.9	1.5	.9	.9
1981		245.39	246.00	246.76										1981		1.4	1.1	1.3									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.58	4.49	4.48	4.49	4.49	4.52	4.54	4.58	4.59	4.67	4.65	4.68	4.71	1977	.5	1.1	.4	.7	.3	.3	.6	.6	.3	.6	.5	.2	.4
1978	4.93	4.74	4.76	4.78	4.85	4.87	4.92	4.98	4.98	5.02	5.01	5.04	5.13	1978	.3	.4	.5	.2	.4	.3	.3	.3	.3	.3	.2	.2	.2
1979	5.30	5.16	5.20	5.25	5.20	5.27	5.32	5.34	5.20	5.27	5.33	5.46	5.58	1979	.4	.6	.3	.3	.7	.3	.5	.5	.2	.4	.4	.2	.3
1980	5.80	5.60	5.62	5.63	5.63	5.70	5.72	5.77	5.86	5.94	5.98	6.03	6.08	1980	.5	.3	.2	.4	.5	.7	.7	.6	.9	.8	.4	.4	.3
1981		6.15	6.15	6.20										1981		.8	.8	.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3841—SURGICAL AND MEDICAL INSTRUMENTS													
1977	39.9	39.2	40.3	40.3	39.4	40.0	40.4	39.0	39.8	39.8	39.8	40.0	40.3	ALL EMPLOYEES—IN THOUSANDS													
1978	40.0	39.3	39.5	40.3	40.2	40.1	40.1	39.2	39.6	40.4	40.4	40.0	40.6	1977	51.0	49.2	49.8	50.5	50.9	50.9	51.2	50.9	51.0	51.5	51.2	52.3	53.1
1979	39.2	39.3	39.5	39.5	37.9	39.4	39.0	38.4	38.4	38.8	38.8	40.5	40.8	1978	57.1	53.5	54.2	54.9	55.4	56.3	57.2	56.9	58.5	58.2	58.8	60.6	60.9
1980	39.3	39.4	39.6	39.6	39.4	39.1	39.6	38.4	38.7	39.2	39.1	40.0	40.0	1979	63.4	60.7	60.8	61.1	62.0	62.7	63.6	61.9	63.3	63.9	65.3	67.3	68.2
1981		39.9	40.0	39.8										1980	71.5	69.1	70.0	70.9	71.4	71.7	71.2	71.8	72.2	72.2	72.0	72.7	73.0
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		72.6	72.8	73.2									
1977	2.0	2.0	2.1	2.2	1.8	2.0	2.0	1.7	2.0	2.1	2.0	2.1	2.1	WOMEN EMPLOYEES—IN THOUSANDS													
1978	2.3	2.0	2.3	2.1	2.0	1.9	2.0	2.0	2.4	2.6	3.2	2.7	2.9	1977	29.6	28.1	28.8	29.2	29.3	29.5	29.6	29.2	29.4	29.9	30.0	30.7	31.1
1979	2.2	2.3	2.7	2.4	1.3	1.9	2.0	1.7	1.8	2.0	2.1	2.8	2.8	1978	33.0	31.2	31.5	32.0	32.2	32.4	32.8	32.6	33.4	33.3	33.8	35.1	35.2
1980	2.0	2.1	2.3	2.2	2.0	1.7	1.8	1.4	1.9	2.1	2.0	2.5	2.5	1979	36.1	35.4	35.2	35.2	35.7	36.0	36.8	34.2	35.5	36.0	36.9	38.1	38.4
1981		2.3	2.2	2.2										1980	41.0	39.4	40.1	40.9	41.4	41.5	41.1	41.1	40.8	41.2	41.2	41.7	41.7
ACCESSIONS PER 100 EMPLOYEES														1981		41.4	41.6	41.8									
1977	3.1	3.3	3.3	3.3	2.8	3.9	3.4	2.7	3.4	3.6	2.9	2.7	2.1	PRODUCTION WORKERS—IN THOUSANDS													
1978	3.4	3.1	2.7	3.1	3.2	3.6	3.9	2.4	3.6	4.3	4.2	3.6	2.6	1977	34.0	32.5	33.2	33.9	34.2	34.2	34.2	33.5	33.6	33.9	34.1	35.2	35.7
1979	3.4	3.7	2.9	3.3	3.4	4.2	4.0	2.6	3.6	3.3	4.0	3.4	2.5	1978	38.1	35.8	36.2	36.7	36.9	37.3	38.2	37.8	39.2	38.7	38.9	41.0	40.4
1980	3.0	3.9	3.7	3.5	3.2	3.5	3.1	2.4	3.1	3.3	2.2	2.2	1.7	1979	41.5	41.1	41.0	40.8	41.2	41.4	42.0	40.1	40.4	40.7	41.7	43.5	44.2
1981		2.6	2.8	2.5										1980	46.8	44.7	45.7	46.9	47.1	47.1	46.3	46.5	47.6	47.7	47.1	47.6	47.6
NEW HIRES PER 100 EMPLOYEES														1981		45.6	45.3	45.6									
1977	2.5	2.6	2.3	2.6	2.3	3.3	3.0	2.1	2.7	3.1	2.6	2.3	1.6	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	2.9	2.4	2.3	2.6	2.8	3.0	3.5	2.0	3.1	3.9	3.8	3.3	2.3	1977	178.76	174.64	175.50	178.45	173.29	178.79	183.52	175.60	181.75	180.26	180.37	179.45	184.26
1979	3.0	3.1	2.5	2.7	2.8	3.7	3.6	2.2	3.0	3.1	3.7	3.1	2.1	1978	192.23	186.68	182.11	189.77	191.06	191.94	193.59	188.81	192.10	199.26	197.41	192.56	200.31
1980	2.5	3.2	3.3	3.1	2.8	3.0	2.6	1.9	2.3	2.6	1.8	1.6	1.3	1979	199.69	195.42	200.69	200.88	192.27	203.52	201.61	199.17	185.08	190.22	192.56	212.70	218.71
1981		2.1	2.1	2.0										1980	222.24	210.28	213.73	216.95	217.49	216.91	224.11	215.90	223.97	228.28	231.45	236.93	233.23
RECALLS PER 100 EMPLOYEES														1981		241.38	243.95	245.42									
1977	.4	.6	.8	.5	.4	.3	.2	.4	.4	.3	.2	.3	.3	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.3	.4	.3	.3	.2	.3	.3	.3	.3	.2	.2	.2	.2	1977	4.36	4.27	4.27	4.30	4.30	4.35	4.38	4.39	4.39	4.44	4.41	4.42	4.44
1979	.3	.4	.3	.3	.4	.4	.2	.3	.5	.1	.1	.2	.2	1978	4.70	4.52	4.53	4.54	4.66	4.67	4.78	4.72	4.79	4.78	4.79	4.85	4.85
1980	.3	.3	.2	.2	.2	.2	.2	.3	.6	.5	.2	.5	.3	1979	5.03	4.91	4.98	5.06	5.02	5.05	5.13	5.12	4.77	4.89	4.95	5.15	5.27
1981		.5	.4	.3										1980	5.57	5.31	5.33	5.37	5.37	5.45	5.52	5.55	5.67	5.75	5.83	5.85	5.86
SEPARATIONS PER 100 EMPLOYEES														1981		5.96	5.95	6.03									
1977	2.8	3.3	2.2	2.9	2.5	2.7	3.0	2.6	3.9	3.6	2.6	2.1	2.2	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	2.8	2.6	2.6	2.6	2.7	2.5	3.0	2.7	3.5	3.6	3.0	2.5	2.7	1977	41.0	40.9	41.1	41.5	40.3	41.1	41.9	40.0	41.4	40.6	40.9	40.6	41.5
1979	3.2	3.5	2.6	3.1	3.5	2.9	3.2	2.9	4.7	3.8	3.1	2.5	2.4	1978	40.9	41.3	40.2	41.8	41.0	41.1	40.5	39.5	40.7	41.6	41.3	40.2	41.3
1980	3.0	3.1	2.9	2.7	3.1	3.6	3.1	2.9	4.5	3.5	2.5	1.9	1.8	1979	39.7	39.8	40.3	39.7	38.3	40.3	39.3	38.9	38.8	38.9	38.9	41.3	41.5
1981		3.0	2.7	2.6										1980	39.9	39.6	40.1	40.4	40.5	39.8	40.6	38.9	39.5	39.7	39.7	40.5	39.8
														1981		40.5	41.0	40.7									

See footnotes at end of tables.

SIC 3841
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 3841—SURGICAL AND MEDICAL INSTRUMENTS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1977	1978	1979	1980	1981
														1.9	2.1	2.1	2.1	2.1
														2.7	2.3	2.3	2.3	2.3
														2.6	3.1	3.6	2.9	2.9
														2.1	2.3	2.7	2.5	2.5
															2.4	2.2	2.3	2.3

ACCESSIONS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
														3.6	4.5	4.2	4.1	4.1
														3.9	3.6	3.1	3.5	3.5
														4.1	4.0	3.2	4.4	4.4
														3.3	4.8	4.3	3.9	3.5
															2.8	3.2	3.1	3.1

NEW HIRES PER 100 EMPLOYEES														1977	1978	1979	1980	1981
														2.9	3.4	2.7	3.3	2.3
														3.4	3.1	2.7	3.0	3.2
														3.7	3.6	2.9	3.7	3.5
														2.8	4.2	4.0	3.5	3.1
															2.2	2.7	2.5	2.5

RECALLS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
														.5	.9	1.3	.7	.4
														.2	.2	.2	.3	.3
														.2	.3	.2	.2	.1
														.2	.1	.1	.1	.2
															.4	.2	.3	.3

SEPARATIONS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
														3.1	4.4	2.3	3.0	3.0
														3.1	2.8	3.0	3.2	3.4
														3.6	4.0	2.8	3.7	3.6
														3.3	3.4	3.5	2.7	3.2
															3.6	3.1	2.6	2.6

QUITS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
														2.0	2.0	1.6	1.9	2.1
														2.0	1.9	1.6	2.1	2.1
														2.5	2.7	1.8	2.7	2.6
														1.9	2.2	2.2	1.7	2.0
															1.6	1.4	1.4	1.4

LAYOFFS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
														.5	1.7	.1	.4	.2
														.3	.2	.7	.2	.6
														.2	.4	.2	(²)	.2
														.6	.1	.2	.3	.5
															1.2	1.1	.5	.5

SIC 3842—SURGICAL APPLIANCES AND SUPPLIES

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
														60.0	58.4	58.9	59.4	59.6
														61.4	60.5	60.6	60.9	61.2
														63.4	62.3	62.8	62.5	62.4
														66.7	65.3	66.1	66.8	67.0
															67.5	68.0	68.3	68.3

SIC 3842—SURGICAL APPLIANCES AND SUPPLIES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
														30.9	30.0	30.3	30.9	30.5
														31.9	31.2	31.1	31.6	31.9
														33.0	32.7	32.7	32.5	33.0
														35.1	34.4	34.6	35.1	35.1
															35.4	36.0	36.1	36.1

PRODUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
														40.9	40.6	40.9	41.0	40.9
														41.2	40.5	40.5	40.9	41.2
														42.0	41.9	42.1	41.8	42.0
														43.6	43.1	43.6	44.0	43.6
															43.7	44.4	44.9	44.9

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
														183.61	176.02	181.76	178.94	177.95
														202.24	184.84	193.65	194.82	198.90
														216.06	210.21	211.68	214.09	202.45
														233.40	229.51	231.08	228.15	225.20
															249.64	247.89	249.70	228.90

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
														4.72	4.62	4.59	4.60	4.61
														5.12	4.89	4.94	4.97	5.01
														5.54	5.39	5.40	5.42	5.37
														6.00	5.84	5.88	5.85	5.88
															6.32	6.34	6.37	5.93

PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
														38.9	38.1	39.6	38.9	38.6
														39.5	37.8	39.2	39.2	39.7
														39.0	39.0	39.2	39.5	37.7
														38.9	39.3	39.3	39.0	38.3
															39.5	39.1	39.2	38.6

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1977	1978	1979	1980	1981
														2.2	2.3	2.4	2.3	2.0
														2.2	1.9	2.5	2.1	2.1
														2.0	1.9	2.1	1.0	1.6
														2.2	2.1	2.2	2.2	1.9
															2.4	2.4	2.3	1.7

ACCESSIONS PER 100 EMPLOYEES														1977	1978	1979	1980	1981
														2.9	2.5	2.6	2.9	2.9
														3.0	2.9	2.3	2.7	2.7
														2.9	3.4	2.8	2.5	2.6
														2.8	3.3	3.4	3.5	3.0
															2.5	2.6	2.2	2.6

NEW HIRES PER 100 EMPLOYEES														1977	1978	1979	1980	1981
														2.3	1.9	1.9	2.2	2.3
														2.5	1.9	1.8	2.3	2.4
														2.4	2.5	2.2	2.0	2.2
														2.2	2.5	2.9	3.0	2.7
															1.8	1.6	1.7	2.0

See footnotes at end of tables.

MANUFACTURING

SIC 385

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 3842—SURGICAL APPLIANCES AND SUPPLIES (Con.)														SIC 385—OPHTHALMIC GOODS (Con.)														
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	0.4	0.4	0.5	0.5	0.5	0.4	0.2	0.1	0.6	0.4	0.3	0.4	0.4	1977	4.18	4.10	4.11	4.12	4.11	4.09	4.10	4.15	4.17	4.21	4.26	4.29	4.36	
1978	.3	.6	.4	.3	.2	.4	.2	.3	.2	.3	.3	.2	.3	1978	4.59	4.43	4.45	4.51	4.55	4.56	4.57	4.66	4.60	4.66	4.67	4.71	4.72	
1979	.4	.6	.4	.4	.3	.7	.4	.3	.5	.2	.2	.2	.2	1979	4.91	4.75	4.78	4.77	4.78	4.89	4.91	4.94	4.94	4.98	4.99	5.07	5.10	
1980	.4	.5	.4	.4	.2	.4	.3	.4	.7	.7	.3	.6	.4	1980	5.30	5.17	5.16	5.19	5.20	5.28	5.30	5.35	5.30	5.36	5.41	5.42	5.50	
1981		.6	.6	.3										1981		5.49	5.49	5.48										
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	2.7	2.6	2.2	3.0	2.2	2.4	2.7	2.9	4.3	3.5	2.7	2.0	2.0	1977	39.3	38.0	39.2	39.5	39.6	39.8	40.0	39.0	39.4	39.8	39.5	39.3	38.9	
1978	2.6	2.5	2.0	2.2	2.1	2.2	2.7	3.2	3.4	3.3	2.6	2.4	2.0	1978	38.9	38.7	37.8	39.1	39.4	38.9	39.2	39.0	38.7	38.9	38.5	39.3	39.2	
1979	2.9	3.1	2.6	2.9	2.9	2.7	2.8	2.8	4.3	3.4	2.8	2.0	2.0	1979	39.0	38.9	38.7	39.4	38.7	38.4	39.0	38.8	39.1	38.8	39.0	39.6	39.7	
1980	2.7	2.9	2.5	2.6	3.0	3.1	2.6	2.8	4.8	2.5	2.2	1.6	2.2	1980	39.4	39.2	39.5	39.8	39.6	39.7	39.8	38.3	39.2	39.5	39.3	39.4	39.7	
1981		2.5	2.5	2.8										1981		39.7	40.2	40.3										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	1.4	1.1	1.0	1.4	1.3	1.3	1.3	1.4	2.6	2.1	1.3	1.1	.9	1977	1.5	1.6	1.5	1.7	1.5	1.6	1.9	1.1	1.3	1.6	1.4	1.4	1.5	
1978	1.6	1.2	1.1	1.3	1.3	1.5	1.6	1.8	2.7	2.0	1.6	1.7	1.0	1978	1.8	1.4	1.8	1.8	1.7	1.7	1.7	1.4	1.8	2.0	1.8	1.9	1.9	
1979	1.6	1.4	1.5	1.7	1.4	1.6	1.6	1.5	3.2	1.9	1.6	1.2	1.2	1979	1.8	1.8	1.8	2.1	1.6	1.6	1.8	1.4	1.9	1.9	1.7	2.0	1.9	
1980	1.4	1.6	1.5	1.4	1.4	1.7	1.4	1.6	2.8	1.2	.9	.8	.8	1980	1.8	2.0	1.8	2.1	2.0	1.8	1.8	1.3	1.6	1.8	1.7	1.6	1.6	
1981		1.1	.8	1.2										1981		1.5	1.5	1.4										
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	.6	.8	.6	1.0	.3	.3	.5	.8	.5	.7	.7	.3	.4	1977	3.5	2.7	3.2	3.7	3.7	3.4	4.4	4.7	4.2	3.6	3.1	3.0	2.6	
1978	.3	.5	.4	.3	.3	.2	.3	.4	.2	.4	.3	.2	.3	1978	3.4	2.8	2.6	2.8	3.4	4.7	4.7	3.7	4.0	4.2	3.7	2.8	1.9	
1979	.5	1.0	.5	.6	.7	.4	.6	.6	.3	.7	.5	.2	.3	1979	4.1	3.0	2.9	3.5	4.8	4.9	5.7	3.9	5.5	4.8	4.6	3.6	2.4	
1980	.5	.4	.2	.3	.5	.6	.5	.5	1.0	.7	.7	.4	.6	1980	3.5	5.2	3.4	3.8	3.4	4.2	3.5	3.6	4.0	3.5	3.6	2.3	1.9	
1981		.6	.7	.8										1981		3.1	2.4	3.3										
SIC 385—OPHTHALMIC GOODS														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	2.7	2.0	2.1	3.1	2.2	2.8	3.2	2.4	3.5	3.1	2.8	2.4	2.2	
1977	41.8	40.3	40.5	40.4	41.1	41.6	42.5	41.8	42.6	42.6	43.1	42.7	42.9	1978	2.9	2.3	2.2	2.4	2.7	4.0	3.9	2.8	3.5	3.6	3.4	2.2	1.3	
1978	44.0	42.7	42.8	42.7	43.2	43.6	44.7	44.2	44.8	45.0	44.8	44.9	45.0	1979	3.0	2.4	2.2	2.8	3.6	3.5	4.8	2.7	2.8	3.4	3.5	2.6	1.6	
1979	45.1	44.9	45.0	45.2	45.6	45.8	46.0	44.1	44.7	45.0	45.6	44.4	44.6	1980	2.4	3.6	2.7	3.0	2.7	3.2	2.6	1.9	1.9	2.3	2.6	1.4	1.2	
1980	44.0	44.8	44.7	44.9	45.0	44.5	44.2	42.5	43.4	43.3	43.4	43.8	43.4	1981		1.7	1.6	2.4										
1981		42.6	42.5	42.5										1977	.4	.4	.6	.4	.7	.3	.5	1.2	.4	.2	.1	.4	.2	
WOMEN EMPLOYEES—IN THOUSANDS														1978	.4	.3	.3	.2	.4	.3	.3	.8	.2	.3	.2	.4	.5	
1977	22.6	20.8	21.0	21.2	21.7	22.4	22.8	22.6	23.5	23.6	24.0	23.5	23.8	1979	.5	.5	.6	.5	.5	.5	.2	.6	.9	.5	.5	.4	.3	
1978	24.7	23.6	23.7	23.6	24.0	24.5	25.1	24.6	25.0	25.5	25.6	25.7	25.8	1980	.6	.9	.5	.5	.3	.3	.3	1.3	1.6	.8	.5	.4	.3	
1979	26.0	25.5	25.7	25.9	26.3	26.4	26.4	25.2	25.9	26.0	25.9	26.0	26.2	1981		.9	.6	.3										
1980	25.6	26.1	26.1	26.2	26.3	26.0	25.7	24.5	25.1	25.0	25.3	25.6	25.3	1977	3.4	3.6	3.1	4.0	3.2	2.7	3.1	4.9	4.3	4.2	3.0	2.7	2.5	
1981		24.9	24.8	25.0										1978	3.9	2.9	3.0	3.6	3.1	3.7	3.6	4.1	5.2	5.0	5.4	3.5	3.7	
PRODUCTION WORKERS—IN THOUSANDS														1979	4.0	3.4	3.4	3.4	3.8	3.9	4.6	4.3	5.7	4.2	4.2	3.9	2.9	2.9
1977	30.7	29.5	29.4	29.3	29.9	30.4	31.0	30.5	31.4	31.4	31.9	31.6	31.8	1980	3.7	3.6	3.1	3.3	3.3	3.7	4.8	4.5	4.2	4.3	3.8	2.7	3.2	
1978	32.4	31.8	31.7	31.4	31.7	32.2	32.7	32.1	32.8	33.2	33.1	33.1	33.2	1981		3.5	3.2	2.8										
1979	32.9	32.9	33.0	33.1	33.5	33.5	33.7	32.2	32.7	32.6	32.4	32.3	32.4	QUITS PER 100 EMPLOYEES														
1980	31.5	32.4	32.3	32.5	32.6	32.0	31.8	30.1	30.8	30.6	30.9	31.0	30.6	1977	1.8	1.4	1.2	1.8	1.7	1.8	1.8	1.9	3.4	2.5	1.6	1.6	1.2	
1981		29.8	29.8	29.9										1978	2.2	1.4	1.4	1.9	2.0	2.4	2.4	2.0	3.9	3.5	2.7	1.7	1.4	
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1979	2.3	2.0	1.7	2.2	2.6	2.5	2.9	2.2	2.9	2.9	2.5	1.8	1.2	1.1
1977	164.27	155.80	161.11	162.74	162.76	162.78	164.00	161.85	164.30	167.56	168.27	168.60	169.60	1980	1.8	1.8	1.7	1.9	1.8	1.7	1.7	1.7	2.3	2.5	1.8	1.2	1.1	
1978	178.55	171.44	168.21	176.34	179.27	177.38	179.14	181.74	178.02	181.27	179.80	185.10	185.02	1981		1.4	1.5	1.8										
1979	191.49	184.78	184.99	187.94	184.99	187.78	191.49	191.67	193.15	193.22	194.61	200.77	202.47															
1980	208.82	202.66	203.82	206.56	205.92	209.62	210.94	204.91	207.76	211.72	212.61	213.55	218.35															
1981		217.95	220.70	220.84																								

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 385—OPHTHALMIC GOODS (Con.)														SIC 386—PHOTOGRAPHIC EQUIPMENT AND SUPPLIES (Con.)													
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	0.8	1.2	1.3	1.6	0.8	0.4	0.4	1.4	0.2	0.9	0.6	0.6	0.3	1977	1.3	1.0	1.7	1.6	1.2	1.4	2.3	0.9	1.0	1.0	1.6	1.1	0.6
1978	.9	.9	.8	.7	.2	.8	.4	1.0	.4	.6	1.8	1.0	1.7	1978	1.5	.8	1.0	1.7	1.3	1.8	2.3	1.7	1.6	1.4	1.5	2.0	.9
1979	.9	.6	1.0	.4	.4	.5	.8	1.3	1.7	.7	.9	1.4	1.2	1979	1.7	1.0	1.8	1.7	1.6	2.7	4.4	1.6	1.3	1.2	1.2	1.0	.7
1980	1.0	.8	.6	.5	.5	.7	2.2	1.9	1.0	1.0	1.1	1.0	1.1	1980	1.8	1.5	1.6	1.3	1.2	2.0	4.7	2.5	1.7	1.7	1.5	.9	1.0
1981		1.4	.9	.4										1981		1.6	1.4	2.0									
SIC 386—PHOTOGRAPHIC EQUIPMENT AND SUPPLIES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	130.0	129.3	130.1	130.6	130.4	130.7	130.9	130.5	129.9	129.2	129.5	129.7	129.5	1977	1.0	.7	1.2	1.1	1.0	1.1	2.1	.7	.8	.8	1.4	.9	.5
1978	131.8	129.0	128.6	129.4	129.7	130.4	133.7	134.6	134.3	132.1	133.2	133.2	133.3	1978	1.3	.5	.8	1.5	1.2	1.4	2.2	1.5	1.3	1.2	1.3	1.6	.7
1979	134.2	133.4	132.5	133.2	134.1	133.9	137.8	137.7	135.9	132.7	133.2	132.8	133.3	1979	1.5	.9	1.6	1.6	1.5	2.5	4.2	1.5	1.1	1.1	1.1	.8	.6
1980	135.5	133.2	132.8	133.5	133.2	134.1	137.0	137.8	137.7	136.0	136.3	137.2	137.2	1980	1.6	1.0	1.5	1.1	.9	1.7	4.4	2.2	1.5	1.5	1.3	.8	.9
1981		136.4	135.7	136.1										1981		1.4	1.1	1.9									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	35.5	35.2	35.6	35.6	35.7	35.7	36.2	35.8	35.4	35.2	35.3	35.2	35.2	1977	.1	.1	.1	(⁵)	(⁵)	.1	(⁵)	.1	.1	.1	(⁵)	(⁵)	(⁵)
1978	36.6	34.9	34.9	35.3	35.4	35.9	37.5	37.6	37.7	37.0	37.4	37.5	37.5	1978	.1	.1	.1	.2	(⁵)	.1	(⁵)	.1	(⁵)	.1	(⁵)	.2	(⁵)
1979	37.9	37.2	37.0	37.2	38.2	38.2	39.7	39.7	38.6	37.1	37.3	37.4	37.1	1979	(⁵)	(⁵)	.1	(⁵)	(⁵)	.1	(⁵)	(⁵)	.1	(⁵)	(⁵)	(⁵)	(⁵)
1980	38.5	37.2	37.2	37.4	37.4	37.8	39.0	39.6	39.5	38.8	39.0	39.4	39.2	1980	.1	.1	(⁵)	(⁵)	(⁵)	.1	.2	.1	.1	.1	(⁵)	(⁵)	(⁵)
1981		38.9	38.7	38.8										1981		.1	.1	.1									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	66.3	66.2	66.7	66.8	66.5	66.7	67.0	66.3	65.8	65.8	65.8	66.0	65.6	1977	1.7	1.2	1.7	1.5	1.2	1.6	1.4	2.1	2.4	2.5	1.5	2.2	.9
1978	67.3	64.9	64.9	65.2	65.5	66.4	69.1	69.8	69.4	68.0	68.3	68.3	67.7	1978	1.6	1.2	1.3	1.6	1.2	1.4	1.2	1.8	1.8	3.1	1.7	1.5	1.2
1979	67.3	67.7	67.1	67.2	67.7	67.2	69.5	69.2	68.5	66.1	66.2	65.7	65.7	1979	1.6	1.2	1.8	1.4	.9	1.7	1.1	1.1	2.0	4.0	1.6	1.0	1.3
1980	67.3	65.4	65.1	65.9	65.6	66.6	68.7	69.0	69.0	67.7	67.9	68.4	68.7	1980	1.4	1.5	1.3	1.0	1.7	1.4	1.2	1.2	1.6	3.4	1.3	1.0	.7
1981		68.0	67.4	67.6										1981		1.7	1.5	1.0									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	280.98	275.22	273.14	269.69	273.07	273.73	275.94	278.30	280.73	286.20	288.40	292.07	307.43	1977	.7	.5	.4	.4	.5	.5	.6	.6	.9	1.5	.7	1.2	.3
1978	307.10	299.41	302.94	309.31	307.87	307.28	304.01	293.25	307.44	306.68	308.67	311.10	327.17	1978	.9	.5	.6	.8	.6	.6	.6	.6	1.0	2.4	1.3	.8	.4
1979	334.65	325.36	329.64	329.22	327.54	328.02	324.24	323.95	323.29	329.10	362.85	357.43	352.78	1979	.9	.6	1.0	.7	.5	1.1	.7	.6	1.1	3.3	1.0	.4	.3
1980	362.03	353.56	347.90	347.04	351.19	353.74	359.51	356.53	359.38	358.58	374.47	382.39	400.26	1980	.8	.9	.8	.5	.5	.5	.5	.5	.9	2.9	.8	.3	.3
1981		402.90	399.61	400.32										1981		.9	.3	.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 387—WATCHES, CLOCKS, AND WATCHCASES													
1977	6.69	6.60	6.55	6.53	6.58	6.58	6.57	6.69	6.70	6.75	6.77	6.84	7.10	ALL EMPLOYEES—IN THOUSANDS													
1978	7.26	7.18	7.23	7.21	7.21	7.23	7.17	7.17	7.20	7.25	7.28	7.32	7.68	1977	29.9	29.8	30.3	30.1	30.4	30.3	30.5	29.2	29.2	30.0	30.1	29.5	29.4
1979	7.93	7.71	7.72	7.71	7.78	7.81	7.72	7.75	7.79	7.93	8.38	8.41	8.46	1978	30.0	29.1	29.2	29.4	29.6	29.7	30.4	29.6	30.3	30.6	30.9	30.7	30.0
1980	8.83	8.54	8.59	8.59	8.65	8.67	8.79	8.76	8.83	8.92	8.98	9.04	9.53	1979	27.7	29.3	29.7	29.0	28.8	28.3	28.3	27.0	27.8	28.0	26.9	25.2	24.6
1981		9.57	9.56	9.60										1980	21.9	23.5	24.0	24.0	23.5	22.1	21.7	20.6	20.6	20.8	20.9	20.8	20.6
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	42.0	41.7	41.7	41.3	41.5	41.6	42.0	41.6	41.9	42.4	42.6	42.7	43.3	1977	19.3	19.1	19.5	19.3	19.5	19.5	19.6	18.8	18.8	19.6	19.5	19.1	19.0
1978	42.3	41.7	41.9	42.9	42.7	42.5	42.4	40.9	42.7	42.3	42.4	42.5	42.6	1978	19.3	18.7	18.7	18.9	19.1	19.3	19.8	19.2	19.5	19.9	20.1	19.8	19.1
1979	42.2	42.2	42.7	42.7	42.1	42.0	42.0	41.8	41.5	41.5	43.3	42.5	41.7	1979	17.7	18.7	18.9	18.4	18.5	18.0	18.3	17.1	17.9	18.1	17.2	16.0	15.4
1980	41.0	41.4	40.5	40.4	40.6	40.8	40.9	40.7	40.7	40.2	41.7	42.3	42.0	1980	13.5	14.6	15.1	15.1	14.8	13.7	13.6	12.6	12.5	12.6	12.6	12.3	12.2
1981		42.1	41.8	41.7										1981		12.0	11.5	11.4									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS																											
1977	3.0	3.1	2.7	2.5	2.8	2.7	2.6	2.7	2.8	3.4	3.5	3.4	3.7	1977	19.3	19.1	19.5	19.3	19.5	19.5	19.6	18.8	18.8	19.6	19.5	19.1	19.0
1978	3.4	3.0	3.6	3.6	3.5	3.4	3.4	2.8	3.1	3.5	3.5	3.5	3.6	1978	19.3	18.7	18.7	18.9	19.1	19.3	19.8	19.2	19.5	19.9	20.1	19.8	19.1
1979	3.0	3.2	3.5	3.4	3.0	2.9	2.7	2.4	2.5	3.0	3.3	3.2	3.2	1979	17.7	18.7	18.9	18.4	18.5	18.0	18.3	17.1	17.9	18.1	17.2	16.0	15.4
1980	2.9	2.8	2.9	2.7	2.6	2.8	2.5	2.2	2.6	3.0	3.2	3.6	3.6	1980	13.5	14.6	15.1	15.1	14.8	13.7	13.6	12.6	12.5	12.6	12.6	12.3	12.2
1981		3.5	2.9	2.9										1981		12.0	11.5	11.4									

See footnotes at end of tables.

SIC 39See footnotes at end of tables.

SIC 39

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES (Con.)														SIC 391—JEWELRY, SILVERWARE, AND PLATED WARE													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	38.8	37.4	39.0	39.1	38.8	38.8	39.1	38.1	38.6	39.1	39.2	39.4	39.1	1977	60.3	58.1	58.1	58.2	59.0	59.3	60.0	56.8	59.9	61.3	63.7	64.7	64.0
1978	38.8	37.5	38.0	39.0	39.0	38.8	39.0	38.4	38.9	39.2	39.1	39.4	39.4	1978	63.7	62.1	61.7	63.2	63.5	63.9	65.1	58.8	65.0	65.5	65.9	65.8	64.0
1979	38.8	38.6	38.6	39.2	37.5	38.5	38.9	38.6	38.8	39.2	39.2	39.4	39.5	1979	60.8	62.4	61.1	60.5	60.0	60.5	60.1	58.4	60.7	61.2	61.8	62.2	60.7
1980	38.7	38.9	38.7	38.8	38.4	38.2	38.3	37.7	38.5	39.1	38.9	39.1	39.5	1980	56.0	57.5	55.3	55.5	55.9	54.6	54.4	51.2	55.5	56.6	58.4	58.7	57.9
1981		38.6	38.4	38.9										1981		54.4	54.3	54.4									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.2	1.8	2.1	2.1	2.0	2.1	2.1	1.6	2.1	2.4	2.5	2.7	2.5	1977	27.2	25.9	25.9	25.8	26.4	26.4	27.7	24.9	26.8	27.6	29.1	30.3	29.6
1978	2.4	1.9	2.5	2.4	2.3	2.1	2.3	1.9	2.4	2.6	2.8	2.6	2.5	1978	30.2	28.3	28.1	29.6	29.8	30.1	30.8	27.6	31.1	31.3	32.3	32.2	30.7
1979	2.2	2.0	2.1	2.3	1.5	2.0	2.0	1.7	2.2	2.6	2.6	2.7	2.4	1979	28.2	29.8	29.0	28.9	28.0	27.6	27.1	26.3	27.5	28.5	28.8	28.9	27.9
1980	1.9	2.1	2.0	2.1	1.7	1.5	1.5	1.3	1.7	2.0	2.1	2.2	2.3	1980	25.8	26.1	24.9	25.8	25.3	25.1	25.1	23.3	25.4	26.4	27.5	27.5	27.1
1981		1.8	1.9	1.9										1981		25.1	24.9	25.1									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.3	6.1	5.1	4.9	4.7	5.3	5.6	5.5	7.4	6.6	5.6	4.1	2.9	1977	44.0	42.1	42.3	42.3	42.7	43.2	43.8	40.6	43.7	44.9	46.8	47.8	47.2
1978	5.8	5.7	4.8	5.4	5.9	6.5	6.4	6.5	7.6	7.7	6.5	3.9	2.7	1978	46.8	45.5	45.0	46.6	46.6	47.2	48.3	42.4	48.4	48.3	48.8	48.7	46.2
1979	5.4	5.6	5.1	5.2	5.0	6.0	6.4	6.2	6.9	7.0	6.2	3.5	2.3	1979	44.2	45.7	44.7	44.0	43.5	44.1	43.8	42.0	44.1	44.6	44.8	45.1	43.5
1980	4.5	5.8	4.5	4.7	4.4	4.0	4.8	5.1	5.3	5.8	4.4	3.3	2.5	1980	39.9	40.9	38.9	39.2	39.1	39.0	38.8	36.0	39.6	40.6	42.2	42.6	41.8
1981		5.4	4.2	4.4										1981		38.6	38.6	38.7									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.9	3.2	3.0	3.2	3.5	3.9	4.4	3.8	5.8	5.3	4.6	3.3	2.1	1977	177.64	159.65	169.94	174.54	171.50	174.09	177.75	171.14	175.38	181.94	188.33	192.98	191.63
1978	4.5	3.2	3.0	4.3	4.6	5.0	5.3	5.1	6.5	6.4	5.6	3.3	1.8	1978	183.55	177.19	169.37	181.36	182.88	179.93	179.71	176.43	183.52	187.89	191.69	197.69	195.82
1979	4.2	3.5	3.3	3.8	3.8	4.7	5.2	4.4	5.7	6.0	5.2	2.7	1.7	1979	196.84	187.37	189.12	193.42	186.35	192.75	196.84	189.37	196.42	203.56	206.90	210.21	210.45
1980	2.9	3.1	2.7	3.0	3.2	2.6	3.0	2.8	3.7	4.0	3.2	2.3	1.5	1980	219.65	206.50	210.37	214.14	216.22	216.95	214.88	217.55	217.93	223.69	228.93	230.88	235.17
1981		2.1	2.3	2.5										1981		229.02	233.00	237.88									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.2	2.7	1.8	1.5	1.0	1.1	1.0	1.4	1.4	.9	.8	.6	.7	1977	4.52	4.35	4.38	4.43	4.42	4.51	4.50	4.48	4.52	4.56	4.65	4.65	4.72
1978	1.1	2.1	1.6	.9	1.2	1.2	.9	1.2	.9	1.0	.7	.4	.7	1978	4.78	4.70	4.59	4.76	4.75	4.76	4.68	4.73	4.73	4.83	4.89	4.93	4.97
1979	1.1	2.0	1.6	1.2	1.0	1.2	1.0	1.5	1.0	.7	.7	.6	.5	1979	5.18	4.97	4.99	5.05	5.05	5.14	5.18	5.16	5.21	5.26	5.36	5.39	5.41
1980	1.4	2.4	1.6	1.5	1.0	1.2	1.5	2.1	1.3	1.6	1.0	.8	.8	1980	5.75	5.42	5.58	5.68	5.72	5.77	5.73	5.71	5.75	5.81	5.87	5.92	6.03
1981		3.1	1.6	1.7										1981		6.14	6.23	6.26									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.4	5.2	4.4	4.4	4.2	4.7	4.7	5.4	6.6	6.9	5.6	6.2	6.5	1977	39.3	36.7	38.8	39.4	38.8	38.6	39.5	38.2	38.8	39.9	40.5	41.5	40.6
1978	5.9	4.9	3.8	4.6	4.8	5.4	5.2	5.8	7.3	6.8	6.5	7.0	8.0	1978	38.4	37.7	36.9	38.1	38.5	37.8	38.4	37.3	38.8	38.9	39.2	40.1	39.4
1979	5.8	5.8	4.1	5.1	4.7	5.2	5.3	6.1	7.3	6.7	6.2	6.6	6.6	1979	38.0	37.7	37.9	38.3	36.9	37.5	38.0	36.7	37.7	38.7	38.6	39.0	38.9
1980	5.4	6.2	4.6	4.8	5.0	6.0	5.0	5.6	5.7	5.0	5.0	5.6	5.9	1980	38.2	38.1	37.7	37.7	37.8	37.6	37.5	38.1	37.9	38.5	39.0	39.0	39.0
1981		5.8	3.7	3.5										1981		37.3	37.4	38.0									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.5	2.1	1.9	2.1	2.2	2.3	2.3	2.4	4.1	4.1	2.6	2.1	1.8	1977	2.9	2.4	2.6	2.7	2.4	2.6	2.8	1.5	2.4	3.2	3.6	4.6	4.1
1978	3.0	2.0	1.7	2.4	2.8	2.9	3.0	2.9	4.9	4.4	3.9	2.5	1.8	1978	2.7	2.2	3.0	3.0	2.7	2.5	2.7	1.5	2.4	2.9	3.2	3.8	3.1
1979	2.8	2.5	2.0	2.5	2.5	2.9	2.9	2.6	4.8	4.0	3.4	2.5	1.4	1979	2.1	1.9	1.9	2.0	1.5	1.9	1.9	.7	1.9	2.4	2.6	2.9	2.9
1980	2.0	2.0	1.8	2.0	1.9	1.9	1.7	1.8	3.3	2.7	2.2	1.5	1.1	1980	2.0	2.1	2.1	2.1	2.2	1.5	1.4	.8	1.4	1.7	2.7	2.8	2.8
1981		1.5	1.2	1.4										1981		1.6	1.8	1.9									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.9	2.2	1.7	1.5	1.1	1.4	1.2	2.1	1.2	1.4	1.8	3.0	3.9	1977	4.3	3.4	3.0	3.8	3.3	3.7	4.3	3.9	7.4	6.7	6.5	3.4	2.2
1978	1.7	1.9	1.1	1.2	.9	1.4	1.1	1.8	.8	.8	1.2	3.2	5.1	1978	5.0	3.6	3.6	4.0	5.0	4.2	5.7	9.0	6.7	6.3	6.6	3.8	1.7
1979	1.8	2.1	1.2	1.5	1.2	1.2	1.2	2.2	1.0	1.1	1.5	3.0	4.5	1979	4.0	3.9	2.9	3.3	3.3	3.2	3.4	4.9	6.5	6.2	5.9	3.0	1.9
1980	2.4	3.1	1.8	1.8	2.0	3.1	2.4	2.7	1.4	1.3	1.9	3.2	4.0	1980	3.9	3.5	3.2	3.8	3.0	2.6	2.7	6.0	5.0	6.8	6.0	3.3	1.5
1981		3.2	1.6	1.3										1981		3.4	3.4	3.9									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.					
SIC 391—JEWELRY, SILVERWARE, AND PLATED WARE (Con.)														SIC 3911—JEWELRY, PRECIOUS METAL (Con.)																		
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS																		
1977	3.3	2.6	2.2	2.7	2.6	2.8	3.4	2.4	5.3	5.4	5.6	2.8	1.8	1977	4.53	4.37	4.39	4.42	4.40	4.50	4.50	4.46	4.53	4.56	4.67	4.71	4.77					
1978	4.1	2.9	2.5	3.2	4.3	3.3	5.1	6.4	5.5	5.4	5.7	3.3	1.4	1978	4.74	4.77	4.60	4.75	4.73	4.71	4.60	4.67	4.64	4.74	4.84	4.86	4.94					
1979	3.0	2.8	2.2	2.5	2.3	2.5	2.6	2.4	4.7	5.0	4.7	2.4	1.5	1979	5.10	4.90	4.96	4.93	4.97	5.04	5.09	5.09	5.14	5.18	5.25	5.30	5.36					
1980	2.6	2.5	2.2	1.7	1.8	1.7	1.9	2.6	3.4	5.1	4.9	2.7	1.0	1980	5.70	5.35	5.55	5.63	5.66	5.69	5.61	5.65	5.69	5.78	5.81	5.89	6.03					
1981		2.1	1.7	2.2										1981		6.18	6.32	6.29														
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS																		
1977	.9	.7	.8	.9	.6	.7	.7	1.4	1.9	1.0	.8	.5	.3	1977	39.3	36.7	38.6	39.4	39.1	38.6	39.4	37.9	38.5	39.6	40.7	41.8	40.6					
1978	.8	.6	1.0	.7	.6	.5	.5	2.5	1.1	.8	.8	.4	.3	1978	37.9	37.6	37.1	37.6	38.2	37.1	37.8	36.3	37.9	37.8	38.2	39.7	38.9					
1979	.9	1.0	.7	.8	.8	.7	.6	2.3	1.7	1.0	.9	.6	.3	1979	37.1	36.9	37.0	37.3	35.9	36.4	36.9	35.7	36.6	37.7	37.8	38.5	38.7					
1980	1.2	.9	.9	2.0	1.1	.9	.7	3.3	1.4	1.6	1.0	.5	.4	1980	37.5	37.9	37.5	37.2	37.1	36.8	36.4	36.5	36.9	37.7	38.7	38.5	38.8					
1981		1.2	1.6	1.5										1981		36.7	37.0	37.5														
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS																		
1977	4.2	5.3	3.6	3.7	3.4	3.4	3.2	6.4	5.1	5.2	3.8	3.3	3.7	1977	3.2	2.8	2.6	3.0	2.6	2.8	3.0	1.4	2.5	3.5	3.8	5.3	4.6					
1978	5.3	4.9	3.8	4.3	4.3	4.8	4.5	7.6	7.8	5.2	5.4	5.0	5.6	1978	2.8	2.5	3.4	3.3	3.0	2.5	2.7	1.3	2.1	2.5	2.8	4.0	3.2					
1979	4.8	4.8	4.4	5.0	3.8	5.2	4.4	6.6	5.1	4.8	4.5	4.1	5.0	1979	2.0	1.9	1.7	1.8	1.5	1.7	1.7	.8	1.5	2.3	2.5	3.0	3.4					
1980	4.8	9.2	4.5	4.8	4.6	4.9	4.2	4.8	4.8	3.7	3.9	3.4	4.3	1980	2.2	2.6	2.4	2.3	2.4	1.6	1.4	.8	1.4	1.7	2.9	3.1	3.4					
1981		7.4	4.5	2.9										1981		2.0	2.1	2.2														
QUITS PER 100 EMPLOYEES														SIC 393—MUSICAL INSTRUMENTS																		
1977	2.3	2.5	1.7	2.0	1.9	1.7	1.7	2.0	3.3	4.0	2.6	2.0	1.7	ALL EMPLOYEES—IN THOUSANDS																		
1978	2.9	2.3	1.7	2.5	3.0	2.1	2.6	3.5	5.4	3.9	3.8	2.1	1.7	1977	23.6	24.2	24.3	24.2	24.2	23.5	23.3	21.8	23.0	23.7	23.4	23.7	23.9					
1979	2.3	2.1	1.8	2.6	2.1	2.4	2.0	2.0	3.5	3.0	2.6	2.0	1.4	1978	24.9	24.0	24.2	24.5	24.8	25.1	25.3	23.8	25.1	25.4	25.4	25.7	25.0					
1980	1.7	1.8	1.5	1.7	1.8	1.3	1.2	1.2	2.5	2.4	2.1	1.7	1.0	1979	24.0	25.1	24.2	24.3	24.3	23.8	23.7	23.1	23.9	24.0	24.2	23.9	24.0					
1981		1.5	1.3	1.2										1980	21.9	23.7	23.3	22.9	23.2	21.1	20.7	20.7	20.8	21.2	21.3	22.0	22.3					
LAYOFFS PER 100 EMPLOYEES														1981		22.1	22.0	22.2	WOMEN EMPLOYEES—IN THOUSANDS													
1977	1.1	2.0	1.1	.9	1.0	.9	.7	3.5	.8	.4	.5	.6	1.2	1977	10.8	11.1	11.2	11.0	11.0	10.5	10.2	9.9	10.4	11.1	11.1	11.2	11.3					
1978	1.5	1.7	1.4	1.0	.7	2.0	1.0	3.1	.7	.6	.9	1.9	3.2	1978	11.7	11.1	11.2	11.3	11.4	11.8	12.2	11.4	11.8	12.1	11.9	12.1	11.6					
1979	1.7	1.8	1.8	1.4	1.1	1.7	1.7	3.9	.8	.9	.9	1.6	2.8	1979	10.9	11.7	11.1	11.2	11.3	11.0	10.7	10.3	10.7	10.6	10.7	10.6	10.6					
1980	2.3	6.6	2.2	2.4	1.9	2.7	2.4	2.7	1.5	.8	.9	1.2	2.5	1980	9.6	10.3	10.1	9.9	10.0	8.8	8.7	8.9	9.2	9.4	9.5	10.0	10.3					
1981		5.1	2.6	1.1										1981		10.2	10.1	10.3														
SIC 3911—JEWELRY, PRECIOUS METAL														PRODUCTION WORKERS—IN THOUSANDS																		
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS																		
1977	39.3	37.4	37.4	37.6	38.4	38.5	38.9	37.4	38.9	40.1	41.9	42.9	42.6	1977	19.2	19.8	20.0	19.8	19.8	19.2	18.9	17.4	18.5	19.2	18.8	19.1	19.3					
1978	42.2	40.6	40.5	41.9	42.2	42.5	43.4	39.5	43.3	43.3	43.3	43.6	42.1	1978	20.4	19.5	19.9	20.1	20.3	20.8	20.9	19.3	20.6	20.9	20.8	21.1	20.6					
1979	40.0	40.9	40.0	39.5	39.1	39.8	39.6	38.2	39.8	40.3	41.1	41.5	40.1	1979	19.7	20.6	19.9	19.9	19.9	19.7	19.4	18.6	19.6	19.8	20.0	19.7	19.8					
1980	36.8	37.6	35.9	36.2	36.7	35.4	35.2	34.0	36.4	37.4	39.0	39.3	38.5	1980	17.7	19.5	19.4	19.0	18.9	17.0	16.3	16.2	16.4	16.9	17.1	17.7	18.1					
1981		35.5	35.3	35.2										1981		17.9	17.8	18.0														
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS																		
1977	28.1	26.7	26.8	26.8	27.3	27.5	27.7	26.3	27.8	28.7	30.1	31.0	30.7	1977	165.55	155.56	163.21	165.21	161.77	163.35	162.63	161.96	166.80	167.16	169.22	173.32	175.85					
1978	30.4	29.0	28.7	30.2	30.3	30.9	31.6	28.1	32.0	31.4	31.5	31.7	29.5	1978	178.48	159.59	168.30	174.68	175.38	175.95	178.75	178.20	182.10	183.28	184.61	188.47	189.34					
1979	28.6	29.4	28.6	28.0	27.6	28.4	28.3	27.4	28.7	29.2	29.5	29.9	28.5	1979	197.81	186.28	185.16	188.25	181.98	190.03	197.20	199.98	204.31	209.10	212.38	212.05	209.08					
1980	26.0	26.6	24.9	25.2	25.8	25.0	25.0	24.0	25.7	26.6	28.0	28.2	27.4	1980	209.91	205.15	207.37	207.48	206.27	205.67	202.29	200.34	211.80	214.66	216.22	223.36	222.64					
1981		24.7	24.7	24.7										1981		212.77	207.92	219.79														
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS																		
1977	178.03	160.38	169.45	174.15	172.04	173.70	177.30	169.03	174.41	180.58	190.07	196.88	193.66	1977	4.17	4.03	4.06	4.12	4.18	4.21	4.17	4.09	4.17	4.20	4.22	4.29	4.31					
1978	179.65	179.35	170.66	178.60	180.69	174.74	173.88	169.52	175.86	179.17	184.89	192.94	192.17	1978	4.53	4.29	4.36	4.40	4.44	4.50	4.48	4.50	4.61	4.64	4.65	4.70	4.71					
1979	189.21	180.81	183.52	183.89	178.42	183.46	187.82	181.71	188.12	195.29	198.45	204.05	207.43	1979	4.97	4.74	4.76	4.79	4.84	4.86	4.93	4.95	5.02	5.10	5.18	5.21	5.24					
1980	213.75	202.77	208.13	209.44	209.99	209.39	204.20	206.23	209.96	217.91	224.85	226.77	233.96	1980	5.41	5.22	5.29	5.32	5.33	5.37	5.38	5.40	5.53	5.49	5.53	5.57	5.58					
1981		226.81	233.84	235.88										1981		5.57	5.65	5.65														

See footnotes at end of tables.

SIC 393

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 393—MUSICAL INSTRUMENTS (Con.)														SIC 394—TOYS AND SPORTING GOODS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	39.7	38.6	40.2	40.1	38.7	38.8	39.0	39.6	40.0	39.8	40.1	40.4	40.8	1977	121.4	108.8	113.8	116.7	120.0	123.8	125.3	122.2	128.8	130.6	129.7	124.6	112.3
1978	39.4	37.2	38.6	39.7	39.5	39.1	39.9	39.6	39.5	39.5	39.7	40.1	40.2	1978	121.5	109.3	113.7	116.7	120.1	122.9	124.8	123.1	125.2	130.2	131.5	127.7	113.0
1979	39.8	39.3	38.9	39.3	37.6	39.1	40.0	40.4	40.7	41.0	41.0	40.7	39.9	1979	121.1	107.0	111.6	115.4	116.7	119.2	124.5	119.8	128.9	131.5	132.7	128.9	117.2
1980	38.8	39.3	39.2	39.0	38.7	38.3	37.6	37.1	38.3	39.1	39.1	40.1	39.9	1980	116.1	114.0	116.5	119.1	120.1	119.0	118.0	113.9	117.5	119.2	117.2	114.1	104.1
1981		38.2	36.8	38.9										1981		103.0	107.3	110.3									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	1.6	1.2	1.7	1.8	1.4	1.4	1.2	1.0	1.8	1.7	2.0	2.0	2.3	1977	64.3	55.7	59.7	61.7	63.5	66.1	66.7	63.4	69.1	71.0	70.5	66.7	57.5
1978	1.9	1.4	2.1	2.2	1.9	1.8	2.1	1.3	2.2	2.1	2.1	2.1	1.9	1978	64.8	55.8	59.4	61.2	63.4	65.1	66.0	65.1	67.7	71.8	72.6	70.0	59.2
1979	1.7	1.3	1.5	1.5	.9	1.3	1.7	1.0	2.2	2.3	2.4	2.2	1.7	1979	64.5	54.7	58.7	60.5	61.6	63.2	66.0	62.8	69.2	71.6	73.3	70.5	61.9
1980	1.3	1.3	1.6	1.7	1.2	1.1	.7	.8	1.0	1.2	1.4	1.8	1.5	1980	61.3	60.0	62.1	63.1	64.2	63.8	62.4	59.9	61.9	63.4	62.6	59.4	53.1
1981		.8	.9	1.0										1981		52.7	55.2	57.1									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.4	2.7	3.0	3.0	2.7	3.9	3.1	3.4	6.2	4.6	4.0	2.9	1.6	1977	93.1	82.3	86.8	89.5	92.6	96.2	96.9	92.8	99.5	100.9	100.4	95.4	83.7
1978	4.4	2.4	3.0	3.7	4.3	4.9	3.7	4.7	7.5	5.8	5.8	4.2	2.9	1978	93.3	81.1	85.4	88.3	92.2	94.7	96.4	95.1	97.1	101.4	103.2	99.8	85.3
1979	3.9	4.3	3.5	3.7	3.8	4.0	2.9	4.4	6.0	5.1	4.6	2.1	2.6	1979	92.9	80.2	84.4	87.9	88.8	91.4	96.3	91.8	99.9	102.5	103.7	99.6	88.5
1980	3.6	3.8	3.5	3.3	2.5	2.5	5.8	2.8	4.2	4.7	4.1	3.5	2.4	1980	86.8	84.9	87.6	90.4	91.1	89.5	87.8	84.6	88.6	89.5	87.6	84.6	74.8
1981		2.3	2.1	3.2										1981		74.2	78.2	81.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.5	2.0	1.7	2.1	2.1	2.7	2.2	2.2	4.1	3.9	3.5	2.5	1.4	1977	152.80	144.97	153.66	153.65	152.47	153.63	154.40	149.17	150.50	153.60	153.62	154.31	158.88
1978	3.7	1.9	2.6	3.1	3.5	4.0	3.2	3.2	6.5	4.9	5.0	3.7	2.3	1978	165.84	154.70	161.45	165.68	166.92	166.02	166.71	164.92	164.21	167.52	168.96	168.96	172.93
1979	2.9	3.8	2.9	2.7	2.8	3.0	2.4	2.3	4.2	3.6	3.5	1.6	1.3	1979	177.02	173.28	175.34	178.16	171.95	175.18	174.96	169.34	175.87	181.03	180.57	183.28	183.52
1980	2.0	2.4	2.7	2.6	1.7	.9	.6	1.0	2.2	2.9	2.9	2.2	1.8	1980	193.39	187.50	186.62	190.02	190.46	191.23	193.39	187.75	193.89	199.25	199.29	198.92	204.86
1981		1.8	1.4	2.0										1981		208.44	208.44	213.01									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.6	.4	1.0	.6	.4	.8	.6	.9	1.9	.3	.3	.2	.1	1977	4.00	3.95	3.95	3.96	3.95	3.98	4.00	4.01	3.95	4.00	3.99	4.05	4.17
1978	.5	.3	.2	.3	.7	.6	.2	1.1	.7	.6	.4	.3	.3	1978	4.33	4.25	4.26	4.27	4.28	4.29	4.33	4.34	4.31	4.34	4.40	4.40	4.48
1979	.7	.2	.3	.7	.8	.9	.2	1.7	1.4	.8	.6	.3	1.1	1979	4.61	4.56	4.59	4.58	4.61	4.61	4.58	4.54	4.58	4.63	4.63	4.64	4.73
1980	1.2	1.1	.6	.5	.5	1.2	4.4	1.5	1.5	1.4	.8	1.2	.4	1980	5.01	4.87	4.86	4.91	4.96	4.98	5.01	4.98	5.01	5.07	5.11	5.14	5.28
1981		.3	.5	1.0										1981		5.40	5.40	5.42									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.4	3.9	2.6	3.1	3.5	3.8	2.9	4.4	4.5	4.6	3.0	3.0	1.9	1977	38.2	36.7	38.9	38.8	38.6	38.6	38.6	37.2	38.1	38.4	38.5	38.1	38.1
1978	4.3	4.4	2.9	3.4	3.8	3.8	4.3	5.0	6.1	4.8	4.2	4.1	5.0	1978	38.3	36.4	37.9	38.8	39.0	38.7	38.5	38.0	38.1	38.6	38.4	38.4	38.6
1979	4.5	4.0	4.1	4.1	4.1	5.4	4.8	5.5	5.9	4.0	4.0	5.7	2.6	1979	38.4	38.0	38.2	38.9	37.3	38.0	38.2	37.3	38.4	39.1	39.0	39.5	38.8
1980	4.3	4.3	4.0	6.1	6.3	5.4	4.1	4.7	4.5	4.9	3.5	2.2	2.0	1980	38.6	38.5	38.4	38.7	38.4	38.4	38.6	37.7	38.7	39.3	39.0	38.7	38.8
1981		3.4	3.1	2.6										1981		38.6	38.6	39.3									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.0	1.8	1.6	1.7	2.2	2.2	1.8	2.2	2.9	2.7	2.1	1.5	1.2	1977	1.7	1.5	1.8	1.8	1.6	1.8	1.7	1.2	1.7	1.9	2.0	1.8	1.8
1978	2.7	1.9	1.7	2.1	2.2	2.6	2.9	3.3	4.7	3.5	3.0	2.7	2.0	1978	1.8	1.3	1.9	1.8	1.9	1.6	1.6	1.4	1.8	2.1	2.3	1.8	2.0
1979	2.6	2.7	2.5	2.4	3.0	3.0	2.4	2.5	3.8	2.8	2.5	2.0	1.2	1979	1.9	1.7	1.7	2.0	1.2	1.6	1.6	1.4	1.9	2.4	2.6	2.6	2.0
1980	1.8	2.0	1.9	2.3	1.7	1.7	2.2	1.7	2.4	2.3	1.7	1.2	1.1	1980	1.5	1.8	1.5	1.6	1.4	1.2	1.3	1.0	1.6	1.7	1.7	1.6	1.7
1981		1.6	1.4	1.4										1981		1.4	1.6	1.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	1.3	.3	.3	.4	.8	.2	1.4	.6	.8	.2	.8	.2	1977	6.9	10.1	7.7	6.4	6.4	7.1	7.7	8.0	9.3	7.1	6.3	4.1	2.8
1978	.6	1.6	.4	.2	.8	.2	(¹)	.9	.3	.4	.4	.5	2.0	1978	8.0	9.2	7.2	7.6	7.6	8.9	8.4	8.1	10.3	10.5	8.8	4.6	3.8
1979	1.0	.2	.7	.9	.2	1.6	1.1	2.2	1.0	.3	.3	2.9	.5	1979	8.2	9.4	8.3	7.7	6.8	8.9	10.2	9.4	10.5	10.7	9.3	4.5	2.6
1980	1.7	1.5	1.3	2.5	3.4	2.8	1.4	2.5	1.2	1.8	.8	.2	.4	1980	6.0	10.5	6.6	6.9	6.4	5.8	6.3	5.7	6.6	7.1	4.2	3.1	2.9
1981		.7	.9	.3										1981		11.2	5.8	6.6									

See footnotes at end of tables.

MANUFACTURING

SIC 3942,4

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 394—TOYS AND SPORTING GOODS (Con.)														SIC 3942,4—DOLLS, GAMES, TOYS, AND CHILDREN'S VEHICLES													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.5	3.5	3.5	3.6	4.4	4.8	6.0	5.7	7.2	5.6	4.8	3.0	1.7	1977	143.25	137.88	147.45	145.16	144.78	143.63	146.31	139.78	141.75	144.02	142.13	142.09	144.44
1978	5.7	3.1	3.4	5.6	5.4	6.1	6.5	6.3	9.0	8.6	7.6	3.7	1.8	1978	156.83	143.85	149.56	156.38	157.32	156.91	157.73	155.74	157.32	159.80	160.02	160.48	160.23
1979	6.1	3.4	4.3	4.8	4.7	7.1	8.1	7.1	9.3	9.7	8.2	3.6	1.9	1979	169.99	168.59	168.07	170.88	166.36	168.59	168.72	165.61	171.00	173.44	172.77	173.31	171.83
1980	3.7	3.9	3.1	4.3	4.9	3.9	4.4	3.5	4.9	4.8	3.1	1.8	1.3	1980	182.85	180.78	180.00	181.05	184.99	183.71	183.92	177.01	182.20	186.44	186.24	182.25	185.01
1981		2.1	2.8	3.6										1981		196.18	196.04	200.69									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.9	6.2	3.6	2.3	1.6	1.5	1.2	1.8	1.7	1.1	1.2	.8	.7	1977	3.82	3.83	3.87	3.83	3.82	3.83	3.82	3.84	3.74	3.78	3.77	3.83	3.99
1978	1.9	5.3	3.3	1.7	1.9	2.3	1.6	1.4	1.0	1.5	.9	.6	1.8	1978	4.16	4.11	4.12	4.17	4.14	4.14	4.14	4.12	4.14	4.14	4.20	4.19	4.25
1979	1.8	5.7	3.7	2.6	1.7	1.5	1.9	2.0	.7	.6	.9	.6	.5	1979	4.45	4.46	4.47	4.45	4.46	4.46	4.44	4.44	4.43	4.47	4.43	4.41	4.57
1980	1.9	6.1	3.1	2.1	1.2	1.5	1.5	1.9	1.3	1.9	.7	.8	1.2	1980	4.85	4.77	4.80	4.88	4.92	4.86	4.84	4.81	4.82	4.83	4.85	4.86	4.96
1981		8.5	2.6	2.9										1981		5.19	5.20	5.24									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	7.6	6.0	4.6	4.8	5.0	5.8	6.3	6.5	8.7	9.2	8.7	11.7	13.7	1977	37.5	36.0	38.1	37.9	37.9	37.5	38.3	36.4	37.9	38.1	37.7	37.1	36.2
1978	8.4	5.9	4.4	4.6	5.6	6.1	6.4	7.0	8.8	9.8	10.1	13.7	17.4	1978	37.7	35.0	36.3	37.5	38.0	37.9	38.1	37.8	38.0	38.6	38.1	38.3	37.7
1979	8.2	7.4	4.5	6.2	5.2	6.0	6.7	7.3	10.4	9.9	9.2	11.6	12.7	1979	38.2	37.8	37.6	38.4	37.3	37.8	38.0	37.3	38.6	38.8	39.0	39.3	37.6
1980	7.3	6.7	5.5	5.5	5.3	7.6	7.1	5.3	7.4	6.5	7.7	11.3	12.5	1980	37.7	37.9	37.5	37.1	37.6	37.8	38.0	36.8	37.8	38.6	38.4	37.5	37.3
1981		6.4	4.2	4.0										1981		37.8	37.7	38.3									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.9	2.1	2.0	2.3	2.6	2.5	2.8	2.9	5.2	4.9	2.8	2.4	2.2	1977	1.5	1.5	1.5	1.4	1.4	1.4	1.6	1.0	1.7	1.9	1.8	1.3	1.3
1978	3.6	1.8	2.0	2.4	3.3	3.4	3.4	3.2	5.9	5.9	5.9	3.1	2.0	1978	1.8	1.1	1.5	1.5	1.8	1.5	1.5	1.2	1.8	2.5	2.8	1.9	1.6
1979	3.7	2.7	2.3	2.8	2.5	3.7	3.8	3.0	6.8	5.7	5.0	3.7	1.7	1979	1.8	1.5	1.6	1.8	1.2	1.6	1.6	1.3	1.9	2.3	2.7	2.6	1.4
1980	2.5	2.7	2.2	2.5	2.2	2.4	2.1	2.0	4.7	3.5	2.7	1.8	1.3	1980	1.3	1.5	1.2	1.2	1.2	1.2	1.2	.7	1.4	1.5	1.6	1.1	1.2
1981		1.6	1.3	1.6										1981		1.1	1.3	1.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	3.1	2.7	1.4	1.4	1.1	1.7	1.6	2.3	1.5	2.2	4.0	7.3	10.5	1977	9.0	15.7	10.7	7.2	7.7	8.8	11.5	12.0	10.9	9.2	7.3	3.9	2.5
1978	3.0	2.7	1.1	1.0	.9	1.1	1.7	2.5	.8	1.2	1.5	8.3	13.6	1978	10.9	14.5	10.3	10.3	10.1	11.9	12.4	10.9	14.2	13.4	11.6	5.5	5.3
1979	2.7	3.2	1.0	1.7	1.4	.8	1.2	2.2	1.2	1.0	2.0	6.4	9.9	1979	11.1	15.1	12.2	9.6	8.1	12.2	13.9	13.4	14.5	14.4	12.0	4.8	2.3
1980	3.6	2.7	2.1	1.7	1.9	4.0	3.7	2.3	1.5	1.7	3.8	7.9	10.3	1980	7.2	15.7	8.5	8.5	7.0	7.4	7.2	6.7	7.2	8.6	4.2	2.6	2.7
1981		3.4	1.6	1.4										1981		17.8	6.9	8.2									
SIC 3942,4—DOLLS, GAMES, TOYS, AND CHILDREN'S VEHICLES														NEW HIRES PER 100 EMPLOYEES													
1977	58.0	47.5	52.2	53.5	55.2	58.4	61.4	59.8	66.9	66.7	66.2	60.4	48.3	1977	5.6	3.3	3.1	3.1	4.8	5.4	9.3	8.6	9.2	7.9	5.7	2.7	1.4
1978	58.9	46.9	50.7	53.2	56.2	58.3	60.9	59.6	64.5	68.2	69.4	66.3	52.9	1978	7.7	2.9	3.3	7.3	6.8	7.9	9.4	8.9	12.9	12.3	10.9	4.6	1.7
1979	59.7	48.2	51.8	53.9	54.8	57.0	61.8	58.4	66.7	69.1	70.8	66.8	56.6	1979	8.2	3.6	4.8	5.3	4.9	10.0	11.1	9.8	13.2	13.9	11.4	4.2	1.8
1980	58.4	53.6	55.4	56.5	57.4	59.6	61.4	59.1	63.0	63.4	62.5	58.6	49.9	1980	4.3	3.7	3.6	4.7	5.3	5.4	6.0	4.5	5.8	6.2	3.3	1.5	1.4
1981		49.7	53.4	55.1										1981		2.3	3.0	3.8									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	32.8	25.3	28.3	29.8	30.8	32.9	35.1	33.8	38.4	39.4	38.8	34.7	26.0	1977	2.9	12.2	6.6	3.4	2.7	2.5	1.7	2.8	1.3	1.0	1.3	.9	.9
1978	34.2	25.0	28.1	29.6	32.0	33.4	35.5	34.6	38.3	41.5	42.5	40.1	29.9	1978	2.8	10.1	6.5	2.7	3.1	3.5	2.8	1.5	1.0	.7	.4	.6	3.4
1979	34.1	26.2	29.0	30.1	30.6	32.0	35.3	32.9	38.8	40.8	42.3	39.0	31.6	1979	2.6	11.4	7.1	3.9	2.8	1.9	2.6	3.3	.9	2	.4	.4	.4
1980	32.7	29.8	31.2	31.3	32.2	33.7	34.3	33.3	35.3	35.8	35.7	32.3	26.9	1980	2.5	11.7	4.6	3.3	1.5	1.6	.8	1.9	1.0	1.9	.6	.8	.9
1981		27.0	29.5	30.5										1981		14.9	3.6	4.2									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	42.9	33.2	37.3	38.7	40.3	43.5	46.3	44.7	51.1	51.0	50.4	44.8	33.2	1977	10.1	8.1	5.5	5.2	4.9	6.1	6.3	6.8	10.0	11.1	12.7	19.8	25.0
1978	44.0	32.1	35.9	38.2	41.5	43.3	46.1	45.1	49.6	52.7	54.2	51.3	38.0	1978	11.2	7.3	4.3	5.4	6.4	6.4	6.7	6.9	10.7	11.8	13.7	21.6	31.7
1979	44.5	34.2	37.6	39.5	39.9	42.3	46.6	43.5	50.9	53.2	54.9	50.4	40.7	1979	11.0	9.7	5.5	7.2	5.4	7.0	7.1	8.1	13.3	12.7	13.0	18.2	21.6
1980	42.2	37.6	39.6	41.0	41.7	43.7	45.0	43.1	46.8	46.9	45.9	42.1	33.4	1980	9.0	8.3	7.7	5.8	4.7	6.2	6.6	6.2	8.6	8.3	9.8	17.1	20.2
1981		33.6	37.2	39.2										1981		6.2	4.5	4.3									

See footnotes at end of tables.

SIC 3942,4

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3942,4—DOLLS, GAMES, TOYS, AND CHILDREN'S VEHICLES														SIC 3949—SPORTING AND ATHLETIC GOODS, NEC (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.5	2.2	2.1	2.2	2.8	2.7	3.4	3.4	6.2	6.5	3.5	2.9	3.1	1977	1.9	1.6	1.9	2.2	1.8	2.2	1.8	1.3	1.7	1.9	2.1	2.1	2.1
1978	4.6	2.3	2.2	2.8	4.1	3.8	3.9	3.8	7.5	7.8	8.4	4.0	2.5	1978	1.8	1.4	2.1	2.1	2.0	1.7	1.7	1.6	1.7	1.7	1.8	1.7	2.3
1979	4.9	3.2	2.8	3.2	2.3	4.7	4.7	3.9	9.4	7.7	7.1	5.2	2.0	1979	2.0	1.8	1.9	2.1	1.1	1.7	1.6	1.5	1.9	2.6	2.4	2.7	2.5
1980	3.2	3.7	2.8	2.7	2.9	2.8	2.8	2.7	6.2	4.6	3.4	2.2	1.6	1980	1.8	2.1	1.8	2.0	1.5	1.2	1.4	1.3	1.7	2.0	1.9	2.0	2.1
1981		1.9	1.3	1.4										1981		1.6	2.0	2.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	4.5	4.6	2.1	1.9	.7	1.8	.6	1.7	1.1	1.4	6.9	13.7	20.8	1977	5.1	5.8	5.2	5.8	5.2	5.5	4.0	4.2	7.5	5.0	5.2	4.3	3.0
1978	4.3	3.8	.9	1.4	.7	.8	1.3	1.3	.5	.5	1.5	14.3	26.7	1978	5.2	5.3	4.7	5.3	5.4	6.2	4.6	5.4	6.2	7.4	5.7	3.6	2.4
1979	3.9	4.3	1.3	2.1	1.9	.7	.4	1.7	1.2	.5	3.1	11.1	18.5	1979	5.4	4.7	4.9	6.0	5.7	5.8	6.6	5.6	6.2	6.5	6.3	4.1	2.8
1980	4.4	3.5	3.4	1.9	.8	2.1	2.3	2.4	1.2	2.2	5.2	12.7	17.5	1980	4.9	5.8	4.8	5.4	5.8	4.2	5.4	4.7	5.9	5.5	4.1	3.6	3.0
1981		2.9	1.6	1.7										1981		5.1	4.7	5.1									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	63.3	61.3	61.6	63.2	64.8	65.4	63.9	62.4	61.9	63.9	63.5	64.2	64.0	1977	3.6	3.6	3.9	4.1	4.0	4.3	2.9	2.9	5.0	3.3	3.8	3.2	2.0
1978	62.6	62.4	63.0	63.5	63.9	64.6	63.9	63.5	60.7	62.0	62.1	61.4	60.1	1978	3.7	3.2	3.4	4.1	4.2	4.4	3.8	3.8	4.8	4.6	4.0	2.7	1.8
1979	61.5	58.8	59.8	61.5	61.9	62.2	62.7	61.4	62.2	62.4	61.9	62.1	60.6	1979	4.2	3.3	3.8	4.3	4.6	4.4	5.2	4.5	5.2	5.1	4.5	3.0	2.0
1980	57.7	60.4	61.1	62.6	62.7	59.4	56.6	54.8	54.5	55.8	54.7	55.5	54.2	1980	3.0	4.1	2.7	3.9	4.6	2.3	2.7	2.5	3.8	3.2	2.9	2.2	1.2
1981		53.3	53.9	55.2										1981		1.9	2.6	3.3									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	31.5	30.4	31.4	31.9	32.7	33.2	31.6	29.6	30.7	31.6	31.7	32.0	31.5	1977	1.0	1.6	1.0	1.4	.7	.7	.7	.9	2.1	1.2	1.0	.7	.6
1978	30.6	30.8	31.3	31.6	31.4	31.7	30.5	30.5	29.4	30.3	30.1	29.9	29.3	1978	1.0	1.7	.8	.8	.8	1.2	.4	1.3	.9	2.3	1.4	.5	.4
1979	30.5	28.5	29.7	30.4	31.0	31.2	30.7	29.9	30.4	30.8	31.0	31.5	30.3	1979	.9	1.1	.8	1.4	.8	1.1	1.2	.7	.5	1.0	1.4	.8	.5
1980	28.7	30.2	30.9	31.8	32.0	30.1	28.1	26.6	26.6	27.6	26.9	27.1	26.2	1980	1.4	1.2	1.7	1.1	.9	1.4	2.3	1.9	1.7	1.8	.8	.9	1.4
1981		25.7	25.7	26.6										1981		2.6	1.7	1.6									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	50.2	49.1	49.5	50.8	52.3	52.7	50.6	48.1	48.4	49.9	50.0	50.6	50.5	1977	5.3	4.4	3.9	4.4	5.0	5.5	6.3	6.2	7.2	7.3	4.5	4.1	5.2
1978	49.3	49.0	49.5	50.1	50.7	51.4	50.3	50.0	47.5	48.7	49.0	48.5	47.3	1978	5.6	4.9	4.4	4.0	4.9	5.8	6.2	7.1	6.8	7.6	6.0	5.1	4.8
1979	48.4	46.0	46.8	48.4	48.9	49.1	49.7	48.3	49.0	49.3	48.8	49.2	47.8	1979	5.5	5.6	3.6	5.4	5.0	5.1	6.4	6.5	7.2	6.7	4.9	4.6	4.4
1980	44.5	47.3	48.0	49.4	49.4	45.8	42.8	41.5	41.8	42.6	41.7	42.5	41.4	1980	5.6	5.3	3.5	5.2	5.9	9.0	7.6	4.4	6.0	4.5	5.3	5.1	5.5
1981		40.6	41.0	42.3										1981		6.6	3.9	3.7									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	161.05	150.32	158.40	159.57	158.36	161.56	162.24	158.46	160.09	163.31	165.48	165.36	167.78	1977	2.4	2.1	2.0	2.3	2.4	2.4	2.2	2.4	4.1	3.2	2.1	1.9	1.5
1978	173.82	162.32	170.09	173.13	174.76	173.71	174.21	172.59	171.52	176.09	178.79	177.87	182.75	1978	2.6	1.5	1.8	2.0	2.6	3.0	2.9	2.6	4.1	3.8	3.1	2.1	1.6
1979	183.35	177.63	180.65	183.85	177.28	180.69	181.34	173.07	181.16	189.12	189.64	192.85	193.43	1979	2.6	2.2	1.8	2.4	2.7	2.7	2.9	2.2	4.1	3.5	2.6	2.1	1.5
1980	203.30	192.66	192.37	197.20	195.00	197.49	203.06	199.31	206.71	214.27	213.05	215.86	220.80	1980	1.8	1.8	1.6	2.4	1.6	1.9	1.4	1.3	2.9	2.2	2.0	1.4	1.1
1981		218.34	218.90	224.32										1981		1.4	1.3	1.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.14	4.03	4.01	4.05	4.05	4.09	4.16	4.17	4.18	4.22	4.20	4.24	4.28	1977	1.8	1.2	.9	.9	1.4	1.6	2.5	2.9	2.0	3.0	1.0	1.2	2.8
1978	4.48	4.34	4.35	4.35	4.38	4.42	4.49	4.53	4.49	4.55	4.62	4.62	4.65	1978	1.7	1.9	1.2	.6	1.0	1.4	2.0	3.7	1.2	1.9	1.4	1.8	2.1
1979	4.75	4.65	4.68	4.69	4.74	4.73	4.71	4.64	4.73	4.80	4.85	4.87	4.86	1979	1.5	2.3	.8	1.4	1.0	.9	2.0	2.6	1.2	1.5	.8	1.3	1.9
1980	5.16	4.94	4.92	4.93	5.00	5.09	5.18	5.15	5.22	5.33	5.38	5.41	5.52	1980	2.7	2.0	1.0	1.5	3.0	6.0	5.3	2.2	1.9	1.1	2.1	2.8	3.6
1981		5.57	5.57	5.58										1981		3.8	1.7	1.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	38.9	37.3	39.5	39.4	39.1	39.5	39.0	38.0	38.3	38.7	39.4	39.0	39.2	1977	35.3	33.5	34.1	34.3	34.6	34.9	35.4	35.4	35.9	36.1	36.5	36.5	36.2
1978	38.8	37.4	39.1	39.8	39.9	39.3	38.8	38.1	38.2	38.7	38.7	38.5	39.3	1978	36.9	36.2	36.6	36.6	36.7	36.8	37.2	36.6	36.9	37.0	37.3	37.5	37.5
1979	38.6	38.2	38.6	39.2	37.4	38.2	38.5	37.3	38.3	39.4	39.1	39.6	39.8	1979	38.2	37.6	37.8	38.2	38.3	38.4	38.5	38.3	38.1	38.3	38.3	38.4	38.5
1980	39.4	39.0	39.1	40.0	39.0	38.8	39.2	38.7	39.6	40.2	39.6	39.9	40.0	1980	37.8	38.1	38.1	38.5	38.6	38.3	37.8	37.1	36.9	36.9	37.1	37.7	38.3
1981		39.2	39.3	40.2										1981		37.7	37.9	38.0									

See footnotes at end of tables.

MANUFACTURING

SIC 396

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 395—PENS, PENCILS, OFFICE AND ART SUPPLIES (Con.)														SIC 395—PENS, PENCILS, OFFICE AND ART SUPPLIES (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	18.7	17.5	18.1	18.1	18.1	18.6	18.5	18.4	18.9	19.2	19.5	19.7	19.4	1977	0.4	0.6	0.2	0.5	0.2	0.4	0.3	0.4	0.6	0.7	0.3	0.3	0.2
1978	20.1	19.4	19.7	19.9	19.8	19.9	20.3	19.8	20.2	20.2	20.5	20.5	20.5	1978	.3	.2	.4	.2	.3	.5	.5	.5	.1	.2	.2	.1	.1
1979	20.9	20.5	20.5	20.9	21.0	20.9	21.1	20.8	20.9	21.2	21.0	21.1	21.3	1979	.4	.2	.5	.5	.4	.9	.5	1.0	.2	.1	.1	.3	.2
1980	20.5	20.9	21.1	21.0	21.1	20.8	20.7	20.0	20.0	19.9	20.0	20.4	20.6	1980	.5	.3	.6	.4	.5	.4	.3	.5	.6	.5	.4	.9	.4
1981		20.2	20.1	20.4										1981		.4	.3	.4									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	25.3	23.9	24.1	24.5	24.7	25.1	25.5	25.4	25.9	26.0	26.3	26.4	26.2	1977	3.4	4.2	2.5	2.5	2.9	3.2	3.5	3.4	5.1	4.2	3.5	2.4	3.8
1978	26.6	25.8	26.1	26.4	26.6	26.5	27.1	26.2	26.6	26.8	26.9	27.0	27.0	1978	3.6	2.8	2.3	3.4	3.9	3.4	3.8	4.1	5.0	5.0	3.8	2.7	3.2
1979	27.5	27.1	27.2	27.6	27.6	27.5	27.9	27.5	27.4	27.6	27.5	27.6	27.5	1979	3.7	3.3	2.9	4.3	3.5	3.8	3.7	4.3	5.3	3.3	4.0	3.6	2.4
1980	26.8	27.1	27.2	27.5	27.5	27.2	26.8	26.2	26.1	26.2	26.1	26.8	27.0	1980	3.2	3.5	2.8	3.3	3.2	3.5	3.5	4.4	4.2	3.2	2.6	1.9	2.6
1981		26.7	26.8	26.8										1981		3.3	1.8	2.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	177.24	168.09	171.63	173.66	172.77	176.04	175.16	170.77	177.68	177.91	180.95	186.91	192.61	1977	1.8	1.4	1.1	1.2	1.8	1.8	1.9	1.9	3.4	2.8	2.0	1.4	1.0
1978	196.58	185.26	185.60	188.03	191.09	196.02	199.75	198.29	200.16	199.84	199.35	205.26	209.48	1978	2.1	1.6	1.2	2.0	2.1	2.0	2.4	2.2	3.4	3.3	2.2	1.7	1.3
1979	211.12	203.09	205.49	206.76	197.12	207.60	209.61	209.90	214.61	216.94	218.36	219.12	224.17	1979	2.0	1.7	1.3	2.3	1.8	1.8	2.2	1.9	3.7	2.4	2.3	1.6	1.1
1980	224.72	221.54	219.09	223.26	219.85	219.85	226.55	222.05	219.69	228.02	223.51	232.31	239.20	1980	1.5	1.9	1.3	1.7	1.7	1.4	1.6	1.8	2.6	1.8	1.3	1.0	.7
1981		236.01	236.22	236.02										1981		1.2	.9	.9									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.42	4.31	4.28	4.32	4.33	4.39	4.39	4.42	4.47	4.49	4.57	4.63		1977	.6	1.3	.7	.5	.3	.5	.7	.6	.4	.2	.5	.4	1.8
1978	4.83	4.62	4.64	4.62	4.73	4.84	4.86	4.86	4.93	4.91	4.91	4.97	5.06	1978	.5	.3	.4	.4	.9	.4	.2	1.1	.4	.3	.4	.2	.8
1979	5.20	5.09	5.15	5.08	5.12	5.19	5.15	5.17	5.26	5.24	5.30	5.28	5.35	1979	.7	.6	.9	.9	.9	1.1	.4	1.3	.4	.2	.4	1.1	.6
1980	5.59	5.47	5.45	5.54	5.51	5.51	5.58	5.65	5.59	5.63	5.63	5.68	5.82	1980	.7	.7	.6	.7	.5	1.1	.7	1.4	.5	.5	.3	.3	1.2
1981		5.93	5.95	5.96										1981		1.2	.3	.8									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 396—COSTUME JEWELRY AND NOTIONS													
1977	40.1	39.0	40.1	40.2	39.9	40.1	39.9	38.9	40.2	39.8	40.3	40.9	41.6	ALL EMPLOYEES—IN THOUSANDS													
1978	40.7	40.1	40.0	40.7	40.4	40.5	41.1	40.8	40.6	40.7	40.6	41.3	41.4	1977	61.2	62.8	63.1	62.3	60.8	61.2	60.9	55.5	59.6	59.9	61.2	63.4	64.0
1979	40.6	39.9	39.9	40.7	38.5	40.0	40.7	40.6	40.8	41.4	41.2	41.5	41.9	1978	62.7	60.0	62.1	63.0	62.1	63.2	63.0	54.6	62.6	64.3	66.4	66.9	64.4
1980	40.2	40.5	40.2	40.3	39.9	39.9	40.6	39.3	39.3	40.5	39.7	40.9	41.1	1979	58.3	60.8	60.5	60.8	59.7	59.3	60.4	52.0	58.4	57.8	57.2	57.0	55.1
1981		39.8	39.7	39.6										1980	51.6	53.0	53.2	53.9	53.6	52.3	51.8	46.3	49.8	50.9	51.4	52.3	50.4
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		48.3	47.7	47.8									
1977	2.5	2.3	2.3	2.4	2.0	2.3	2.2	2.0	2.5	2.6	2.6	3.3	3.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	2.7	2.4	2.7	3.0	2.6	2.3	2.7	2.6	2.8	2.8	2.7	3.1	3.0	1977	34.8	35.4	36.0	35.3	34.2	34.6	34.3	31.1	33.6	33.8	35.3	36.8	37.2
1979	2.7	2.0	2.3	2.7	1.6	2.7	2.8	2.9	3.2	3.5	2.9	2.9	2.6	1978	36.4	34.1	35.5	36.3	35.7	36.2	36.8	31.2	36.0	38.0	39.2	39.3	38.1
1980	2.5	2.7	2.4	2.8	2.0	1.9	2.3	2.3	2.3	2.8	2.4	2.8	3.0	1979	34.1	35.5	35.4	35.8	35.5	34.9	36.1	30.6	33.3	33.6	33.3	33.4	32.2
1981		2.3	2.2	2.4										1980	29.8	30.9	30.8	31.5	31.1	30.4	30.0	26.3	28.6	29.2	30.0	30.2	29.1
ACCESSIONS PER 100 EMPLOYEES														1981		27.4	27.1	27.3									
1977	3.7	3.3	2.7	3.1	3.3	3.6	4.1	3.8	5.3	5.2	4.3	3.3	2.8	PRODUCTION WORKERS—IN THOUSANDS													
1978	3.7	2.8	2.7	3.7	3.7	4.7	4.5	3.8	4.3	4.6	4.2	2.9	2.3	1977	49.5	50.8	51.3	50.4	48.9	49.3	49.4	44.3	48.2	48.3	49.6	51.7	52.1
1979	3.5	3.7	3.4	3.9	3.0	3.8	3.9	3.7	4.2	3.6	3.7	2.7	1.9	1978	50.7	48.1	50.0	50.5	50.0	51.0	50.9	43.5	50.5	52.2	53.9	54.8	52.4
1980	3.1	3.3	2.7	3.3	3.3	3.1	3.2	3.4	3.9	3.3	2.5	2.6	2.2	1979	46.8	49.0	48.5	49.0	48.0	47.5	48.8	41.4	47.0	46.5	46.0	45.7	44.3
1981		2.7	2.7	2.4										1980	41.0	42.2	42.1	43.1	42.8	41.8	41.4	36.3	39.4	40.5	40.9	41.7	39.7
NEW HIRES PER 100 EMPLOYEES														1981		37.7	37.1	37.1									
1977	3.2	2.5	2.5	2.5	3.0	3.0	3.3	3.2	4.5	4.4	3.9	2.8	2.5	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	3.3	2.4	2.2	3.4	3.4	4.1	3.8	3.1	4.0	4.1	3.8	2.7	2.1	1977	142.88	130.68	141.71	139.47	142.13	141.00	145.16	138.75	141.71	147.42	147.05	149.77	148.14
1979	2.9	3.4	2.8	3.4	2.4	2.7	3.3	2.7	3.8	3.2	3.4	2.3	1.5	1978	152.28	144.47	148.43	151.20	151.60	151.53	150.40	146.77	155.01	156.21	155.74	155.45	154.88
1980	2.4	2.8	1.9	2.7	2.5	2.5	2.7	2.7	3.1	2.5	2.0	1.7	1.6	1979	162.86	158.76	159.94	161.93	156.22	163.78	163.54	165.59	158.98	163.88	164.49	167.08	173.12
1981		2.0	2.3	1.9										1980	179.36	172.58	175.10	177.08	171.59	175.59	176.81	175.58	181.45	182.96	184.12	186.34	193.45
														1981		193.92	193.15	198.90									

See footnotes at end of tables.

SIC 396

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 396—COSTUME JEWELRY AND NOTIONS (Con.)														SIC 396—COSTUME JEWELRY AND NOTIONS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	3.79	3.63	3.70	3.68	3.75	3.74	3.79	3.75	3.83	3.90	3.88	3.89	3.94	1977	2.1	2.6	2.7	3.5	2.2	1.3	1.6	1.6	1.2	1.4	1.5	2.2	2.8
1978	4.05	3.98	3.99	4.00	4.00	4.03	4.00	4.01	4.09	4.10	4.12	4.08	4.13	1978	1.8	2.7	1.0	1.3	1.5	2.8	1.2	1.3	1.2	.8	1.3	1.3	4.6
1979	4.32	4.20	4.22	4.25	4.28	4.31	4.27	4.29	4.32	4.37	4.41	4.42	4.52	1979	2.6	4.2	1.1	1.5	2.0	1.8	2.5	3.7	1.3	2.6	1.7	2.9	6.0
1980	4.72	4.59	4.62	4.66	4.65	4.67	4.69	4.72	4.75	4.74	4.77	4.84	4.91	1980	2.6	4.7	2.2	3.1	2.1	2.5	1.7	4.5	1.4	1.8	2.1	1.4	3.8
1981		5.05	5.03	5.10										1981		5.8	1.2	1.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 3961—COSTUME JEWELRY													
1977	37.7	36.0	38.3	37.9	37.9	37.7	38.3	37.0	37.0	37.8	37.9	38.5	37.6	ALL EMPLOYEES—IN THOUSANDS													
1978	37.6	36.3	37.2	37.8	37.9	37.6	37.6	36.6	37.9	38.1	37.8	38.1	37.5	1977	32.8	35.2	35.0	33.8	31.7	32.1	32.2	27.7	31.4	31.8	32.9	34.8	35.5
1979	37.7	37.8	37.9	38.1	36.5	38.0	38.3	38.6	36.8	37.5	37.3	37.8	38.3	1978	34.6	32.1	34.0	34.7	34.0	35.2	35.2	28.6	34.6	35.9	37.4	37.5	36.2
1980	38.0	37.6	37.9	38.0	36.9	37.6	37.7	37.2	38.2	38.6	38.6	38.5	39.4	1979	31.1	33.3	32.9	33.2	32.2	32.0	33.1	25.7	31.5	30.7	30.3	30.0	28.5
1981		38.4	38.4	39.0										1980	25.1	26.5	26.1	26.5	25.7	24.6	24.7	20.5	23.6	24.6	25.6	26.8	25.8
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.1	1.7	2.5	2.0	1.8	2.1	2.0	1.1	1.6	2.1	2.5	3.0	2.6	1977	27.1	29.2	29.2	27.9	25.9	26.3	26.8	22.7	25.9	26.1	27.1	28.7	29.3
1978	2.5	2.2	3.2	2.6	2.4	2.5	2.5	1.8	2.4	2.7	3.1	2.7	2.3	1978	28.3	26.0	27.7	28.1	27.7	28.8	28.7	22.9	28.1	29.5	30.6	31.2	29.9
1979	2.0	2.0	2.0	2.2	1.6	2.0	1.8	1.4	1.9	2.0	2.2	2.4	2.5	1979	25.2	27.1	26.7	27.0	26.1	25.9	26.9	20.4	25.6	24.9	24.4	24.0	22.8
1980	2.1	2.4	2.4	2.3	1.8	1.8	1.7	1.0	1.8	2.0	2.2	2.6	2.7	1980	19.7	21.0	20.4	20.9	20.1	19.2	19.4	15.6	18.4	19.3	20.3	21.4	20.3
1981		2.1	1.9	2.1										1981		19.1	18.3	17.7									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	6.2	5.9	6.1	5.9	5.9	6.6	4.8	4.6	7.7	8.4	7.4	6.5	5.0	1977	129.94	116.62	127.75	125.60	126.38	126.70	130.24	126.69	130.68	137.27	137.26	139.43	137.27
1978	6.6	6.2	5.4	7.1	6.4	8.3	7.8	6.3	8.5	9.5	7.0	4.1	2.4	1978	140.21	129.87	139.88	138.01	140.25	140.61	139.48	137.62	145.08	145.47	144.20	140.59	138.52
1979	6.2	5.2	5.2	7.1	6.8	8.8	7.3	6.7	6.4	8.3	6.2	4.1	2.5	1979	149.74	146.43	146.77	148.27	144.89	151.25	149.48	154.16	147.65	153.22	150.79	152.40	152.82
1980	5.2	5.2	5.1	4.8	5.0	4.0	5.0	8.3	6.7	6.4	5.6	4.7	2.2	1980	165.84	154.15	157.76	164.65	159.12	162.58	167.10	170.37	168.14	169.27	168.97	173.50	177.56
1981		3.5	4.0	4.1										1981		178.40	177.38	180.96									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.8	4.3	4.3	4.1	4.2	4.7	3.7	3.5	6.5	6.9	6.3	5.9	3.0	1977	3.56	3.40	3.50	3.46	3.54	3.50	3.52	3.49	3.61	3.69	3.67	3.65	3.70
1978	5.4	4.5	3.8	5.6	5.1	7.0	6.4	5.2	7.4	7.9	6.0	3.5	1.9	1978	3.81	3.70	3.74	3.72	3.75	3.79	3.78	3.76	3.90	3.90	3.94	3.81	3.88
1979	4.7	3.5	3.6	5.3	5.4	7.0	6.1	3.9	4.7	6.4	5.1	3.2	1.8	1979	4.08	3.99	4.01	4.04	4.07	4.11	4.04	4.10	4.09	4.13	4.12	4.13	4.21
1980	3.4	3.4	3.4	2.6	3.4	2.5	3.4	4.1	4.6	4.7	3.9	3.6	1.8	1980	4.47	4.27	4.37	4.45	4.42	4.43	4.48	4.46	4.52	4.49	4.53	4.59	4.60
1981		2.0	2.1	2.3										1981		4.77	4.73	4.80									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.3	1.5	1.7	1.6	1.6	1.7	.9	1.0	1.0	1.2	.9	.5	1.9	1977	36.5	34.3	36.5	36.3	35.7	36.2	37.0	36.3	36.2	37.2	37.4	38.2	37.1
1978	1.1	1.7	1.4	1.3	1.1	1.1	1.3	1.1	1.0	1.3	1.0	.5	.5	1978	36.8	35.1	37.4	37.1	37.4	37.1	36.9	36.6	37.2	37.3	36.6	36.9	35.7
1979	1.3	1.5	1.4	1.5	1.3	1.7	.9	2.3	1.5	1.7	.9	.6	.6	1979	36.7	36.7	36.6	36.7	35.6	36.8	37.0	37.6	36.1	37.1	36.6	36.9	36.3
1980	1.7	1.7	1.6	2.0	1.5	1.4	1.6	4.0	1.5	1.7	1.6	1.1	.4	1980	37.1	36.1	36.1	37.0	36.0	36.7	37.3	38.2	37.2	37.7	37.3	37.8	38.6
1981		1.4	1.7	1.7										1981		37.4	37.5	37.7									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	6.5	6.7	6.8	7.6	6.3	5.7	5.6	5.7	6.1	8.3	6.5	5.9	6.3	1977	2.0	1.3	2.2	1.6	1.5	2.1	1.7	1.1	1.3	2.1	2.7	3.2	2.6
1978	6.5	6.0	3.9	5.3	6.2	7.9	6.6	6.3	7.9	7.4	6.6	5.8	8.1	1978	2.4	1.9	3.3	2.5	2.4	2.7	2.4	1.5	2.2	2.6	3.1	2.4	2.0
1979	7.3	9.2	4.5	5.2	6.7	6.5	7.7	8.5	6.8	9.8	7.6	7.8	8.0	1979	1.6	1.6	1.6	1.7	1.4	1.7	1.3	.9	1.7	1.8	1.8	2.0	1.9
1980	6.1	7.8	5.1	6.4	5.3	6.2	4.5	9.4	5.9	6.8	5.8	4.2	6.4	1980	1.7	1.5	1.5	1.7	1.2	1.4	1.3	.9	1.1	1.4	1.8	2.9	2.8
1981		9.2	3.5	4.4										1981		1.9	1.6	1.7									
QUITS PER 100 EMPLOYEES														SIC 399—MISCELLANEOUS MANUFACTURES													
1977	3.5	3.2	3.1	3.3	3.3	3.5	3.2	3.3	4.0	5.6	4.1	3.0	2.7	ALL EMPLOYEES—IN THOUSANDS													
1978	3.7	2.6	2.1	3.1	3.6	4.2	4.3	3.8	5.5	5.1	4.3	3.4	2.4	1977	136.6	131.4	132.9	134.0	134.7	136.3	138.5	135.2	138.6	139.4	140.2	139.2	138.9
1979	3.6	3.4	2.5	2.8	3.8	3.7	4.0	4.1	4.5	5.5	4.6	3.5	1.5	1978	141.8	137.3	138.5	139.6	139.5	140.7	143.9	141.4	143.9	144.3	145.4	144.3	142.4
1980	2.4	2.1	2.1	2.4	2.3	2.8	2.0	2.6	3.1	3.7	2.8	1.9	1.6	1979	142.3	141.3	142.6	141.7	141.5	141.4	143.4	141.0	143.5	143.3	143.8	143.0	141.6
1981		1.9	1.2	1.7										1980	142.8	141.8	142.9	141.8	141.6	141.5	143.5	141.1	143.6	143.4	143.9	143.1	141.7

See footnotes at end of tables.

MANUFACTURING

SIC 3993

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 399—MISCELLANEOUS MANUFACTURES (Con.)														SIC 399—MISCELLANEOUS MANUFACTURES (Con.)													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1980	136.0	139.2	139.8	140.1	139.1	136.6	135.0	132.6	134.7	135.0	133.8	133.1	132.9	1977	1.1	2.1	1.3	1.3	0.8	0.8	1.2	1.5	1.1	0.8	0.6	0.6	0.6
1981		132.5	134.1	134.0										1978	.8	1.3	1.0	.5	1.2	.9	.6	.8	.8	.7	.6	.4	.5
WOMEN EMPLOYEES—IN THOUSANDS														1979	.7	.6	.9	.6	.6	1.0	.7	.7	.8	.6	.6	.5	
1977	47.5	45.2	46.1	46.6	46.9	47.3	48.8	48.0	47.6	48.3	49.1	48.5	48.1	1980	1.2	1.2	1.0	.9	.9	1.1	1.8	1.5	1.4	1.7	1.1	.8	1.0
1978	50.4	47.5	48.4	49.4	49.3	49.7	51.4	50.2	51.6	52.0	52.4	51.7	50.6	1981		1.5	1.4	1.2									
1979	52.0	49.8	50.4	50.7	52.2	52.0	53.0	51.6	53.1	53.1	53.4	53.0	52.1	SEPARATIONS PER 100 EMPLOYEES													
1980	49.2	50.4	50.3	51.0	50.5	49.3	49.1	47.4	48.5	49.1	48.7	48.0	47.9	1977	4.4	4.4	4.2	3.7	3.5	4.3	4.0	4.6	6.2	5.9	4.2	4.4	3.5
1981		47.4	48.4	48.3										1978	4.6	4.4	3.8	4.9	4.0	4.7	4.3	4.5	6.4	5.3	4.7	4.2	3.4
PRODUCTION WORKERS—IN THOUSANDS														1979	4.4	4.4	3.8	4.5	4.1	4.2	3.8	4.7	6.4	4.9	4.5	3.7	3.6
1977	103.2	97.6	99.6	100.9	101.7	103.3	105.0	102.3	104.8	105.6	106.4	105.5	105.6	1980	4.4	4.9	4.2	3.8	5.0	5.7	4.3	5.3	5.1	4.2	3.9	2.8	
1978	106.7	103.5	104.4	105.4	105.3	106.2	108.6	106.2	108.4	108.6	109.3	107.9	106.1	1981		4.5	3.8	3.5									
1979	107.7	105.5	106.4	105.8	107.0	107.0	108.9	106.5	109.6	109.7	109.7	108.6	107.8	QUITS PER 100 EMPLOYEES													
1980	101.9	105.3	106.0	106.4	105.8	103.4	101.1	98.4	100.0	100.3	99.2	98.4	98.0	1977	2.0	1.5	1.4	1.7	1.7	1.9	1.9	1.8	3.8	3.4	2.1	1.9	1.3
1981		97.6	98.3	98.5										1978	2.4	1.8	1.5	2.2	2.2	2.4	2.4	2.3	4.1	3.3	2.4	2.0	1.5
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1979	2.3	2.3	1.8	2.1	2.3	2.3	2.2	2.1	4.1	2.9	2.2	1.7	1.1
1977	192.57	185.96	188.46	190.79	188.46	192.76	193.34	190.90	191.69	195.62	195.62	197.90	197.57	1980	1.6	1.7	1.6	1.6	1.7	1.5	1.4	1.6	2.8	2.0	1.7	1.2	1.0
1978	206.59	193.67	195.71	202.36	202.40	203.43	207.36	205.41	208.43	211.47	212.80	216.40	218.69	1981		1.2	1.2	1.2									
1979	220.25	216.31	217.33	220.80	208.41	217.01	218.67	221.20	220.97	221.03	223.79	226.73	230.17	LAYOFFS PER 100 EMPLOYEES													
1980	233.19	229.31	226.98	228.74	228.53	225.93	228.44	226.50	232.54	238.07	237.78	243.04	249.32	1977	1.5	2.0	2.1	1.3	1.1	1.6	1.1	1.9	1.3	1.5	1.2	1.8	1.5
1981		246.48	243.32	245.75										1978	1.1	1.3	1.5	1.8	.8	1.4	.9	1.0	.7	.6	1.2	1.4	1.1
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1979	1.2	1.3	1.2	1.6	1.0	.9	.7	1.3	1.0	.9	1.5	1.2	1.9
1977	4.90	4.83	4.82	4.83	4.82	4.88	4.87	4.92	4.89	4.94	4.94	5.01	5.04	1980	1.9	2.3	1.7	1.4	2.1	3.3	2.1	2.9	1.5	1.3	1.4	2.0	1.2
1978	5.23	5.07	5.11	5.11	5.15	5.15	5.21	5.24	5.25	5.30	5.32	5.41	5.44	1981		2.2	1.7	1.5									
1979	5.59	5.49	5.53	5.52	5.47	5.55	5.55	5.60	5.58	5.61	5.68	5.74	5.74	SIC 3993—SIGNS AND ADVERTISING DISPLAYS													
1980	6.01	5.82	5.82	5.85	5.89	5.93	5.98	6.04	6.04	6.12	6.16	6.20	6.28	ALL EMPLOYEES—IN THOUSANDS													
1981		6.32	6.32	6.35										1977	45.5	43.4	43.2	43.5	43.6	44.1	45.2	45.6	47.2	47.9	47.7	47.2	47.9
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1978	47.2	46.9	46.4	46.1	46.5	46.5	47.7	47.1	47.8	47.9	48.2	48.1	47.5
1977	39.3	38.5	39.1	39.5	39.1	39.5	39.7	38.8	39.2	39.6	39.6	39.5	39.2	1979	48.6	47.4	48.2	47.6	48.1	48.2	49.1	48.6	49.1	49.3	49.5	48.9	49.3
1978	39.5	38.2	38.3	39.6	39.3	39.5	39.8	39.2	39.7	39.9	40.0	40.0	40.2	1980	47.6	48.8	48.1	48.3	48.1	47.7	47.5	47.0	47.2	47.0	47.3	47.3	47.4
1979	39.4	39.4	39.3	40.0	38.1	39.1	39.4	39.5	39.6	39.4	39.4	39.5	40.1	1981		47.5	48.4	48.0									
1980	38.8	39.4	39.0	39.1	38.8	38.1	38.2	37.5	38.5	38.9	38.6	39.2	39.7	PRODUCTION WORKERS—IN THOUSANDS													
1981		39.0	38.5	38.7										1977	32.5	30.8	30.7	30.9	31.2	31.4	32.3	32.4	33.8	34.2	34.1	33.7	34.6
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1978	34.1	33.8	33.3	33.0	33.5	33.6	34.6	34.1	34.5	34.7	34.9	34.7	34.2
1977	2.3	1.9	2.2	2.2	2.4	2.2	2.3	2.2	2.5	2.7	2.6	2.6	2.3	1979	35.3	34.2	34.7	34.3	34.9	34.8	35.6	35.2	36.0	36.3	36.2	35.5	36.0
1978	2.6	2.1	2.6	2.5	2.3	2.3	2.6	2.4	2.8	3.0	3.0	2.6	2.6	1980	34.4	35.5	34.7	34.9	34.9	34.4	34.2	33.8	33.9	33.9	34.3	34.3	34.4
1979	2.5	2.3	2.6	2.7	1.7	2.2	2.4	2.2	2.6	2.8	2.8	2.7	2.7	1981		34.3	35.1	34.9									
1980	2.0	2.1	2.1	2.2	1.9	1.6	1.5	1.5	1.9	2.4	2.2	2.2	2.4	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1981		2.2	2.1	1.9										1977	205.25	193.36	198.88	200.06	198.28	206.58	209.35	205.90	205.80	208.01	210.36	214.88	211.29
ACCESSIONS PER 100 EMPLOYEES														1978	214.27	198.89	204.50	208.65	210.45	210.26	211.43	211.07	217.09	218.51	220.81	226.23	229.64
1977	4.7	5.5	4.2	4.4	4.1	4.5	5.5	5.0	6.3	5.9	4.5	3.7	2.7	1979	230.50	226.58	225.42	231.20	222.92	227.76	226.39	229.32	230.88	230.08	234.21	239.37	246.04
1978	4.8	4.8	3.9	4.2	5.5	5.4	5.4	5.2	6.1	5.9	4.9	3.5	2.6	1980	247.94	236.78	238.61	243.71	246.91	246.13	246.35	240.31	244.22	255.45	251.90	256.63	267.47
1979	4.2	4.4	4.2	3.7	4.2	4.7	5.2	4.7	4.9	4.6	4.3	2.9	2.2	1981		260.74	257.94	260.55									
1980	3.8	4.2	3.6	3.7	3.5	3.4	4.4	3.9	4.3	4.8	4.0	3.2	2.8	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1981		3.8	4.0	3.5										1977	5.29	5.17	5.22	5.21	5.15	5.27	5.26	5.39	5.25	5.32	5.38	5.44	5.39
NEW HIRES PER 100 EMPLOYEES														1978	5.48	5.39	5.41	5.35	5.41	5.35	5.38	5.44	5.51	5.56	5.59	5.67	5.67
1977	3.5	3.2	2.8	2.9	3.1	3.6	4.3	3.3	5.0	4.8	3.7	3.0	2.0	1979	5.88	5.78	5.78	5.78	5.79	5.84	5.79	5.88	5.92	5.93	5.99	6.06	6.06
1978	3.9	3.4	2.8	3.6	4.1	4.4	4.6	4.4	5.0	5.0	4.1	3.0	1.9	1980	6.44	6.15	6.23	6.33	6.38	6.46	6.50	6.46	6.41	6.55	6.56	6.53	6.67
1979	3.4	3.7	3.2	3.1	3.6	3.6	4.4	3.9	4.1	3.9	3.6	2.2	1.6	1981		6.72	6.77	6.75									
1980	2.5	2.9	2.6	2.7	2.5	2.2	2.6	2.3	2.8	3.1	2.7	2.3	1.7														
1981		2.2	2.5	2.1																							

SIC 3993
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3993—SIGNS AND ADVERTISING DISPLAYS (Con.)														SIC 20-23,26-31—NONDURABLE GOODS (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	38.8	37.4	38.1	38.4	38.5	39.2	39.8	38.2	39.2	39.1	39.1	39.5	39.2	1977	3.2	2.9	2.9	3.0	3.0	3.1	3.2	3.1	3.3	3.5	3.3	3.3	3.3
1978	39.1	36.9	37.8	39.0	38.9	39.3	39.3	38.8	39.4	39.3	39.5	39.9	40.5	1978	3.2	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.4	3.6	3.4	3.3	3.3
1979	39.2	39.2	39.0	40.0	38.5	39.0	39.1	39.0	39.0	38.8	39.1	39.5	40.6	1979	3.1	3.0	3.0	3.1	2.5	2.9	3.0	3.0	3.2	3.4	3.2	3.2	3.2
1980	38.5	38.5	38.3	38.5	38.7	38.1	37.9	37.2	38.1	39.0	38.4	39.3	40.1	1980	2.8	2.9	2.7	2.9	2.7	2.5	2.5	2.6	2.9	3.1	2.9	3.0	3.1
1981		38.8	38.1	38.6										1981		2.9	2.8	2.7									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	2.4	1.7	1.8	2.1	2.2	2.5	2.8	2.3	2.5	2.7	2.8	2.8	2.6	1977	4.5	4.0	3.7	4.1	4.2	5.1	5.5	5.1	6.0	5.2	4.3	3.4	2.7
1978	2.4	1.9	2.2	2.1	2.1	2.2	2.2	2.2	2.5	2.4	2.8	2.7	2.8	1978	4.6	4.1	3.5	4.1	4.3	5.2	5.5	5.2	6.3	5.5	4.8	3.7	2.7
1979	2.5	2.4	2.4	2.7	1.9	2.4	2.4	2.2	2.5	2.8	2.8	2.8	3.3	1979	4.5	4.3	3.6	4.1	4.3	5.3	5.6	5.2	6.1	5.2	4.7	3.4	2.6
1980	2.3	2.1	2.1	2.3	2.1	1.9	1.9	1.8	2.2	2.7	2.3	2.5	3.2	1980	4.0	4.2	3.7	4.0	3.8	4.2	4.5	4.7	5.3	4.7	3.8	3.0	2.5
1981		2.7	2.6	2.4										1981		3.8	3.2	3.6									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	8,086	7,855	7,891	7,931	7,974	8,028	8,168	8,073	8,260	8,285	8,223	8,190	8,148	1977	3.2	2.5	2.4	2.8	3.0	3.9	4.2	3.6	4.6	4.1	3.2	2.5	1.8
1978	8,231	8,061	8,081	8,130	8,142	8,177	8,307	8,188	8,369	8,382	8,326	8,322	8,288	1978	3.4	2.7	2.4	2.9	3.1	4.0	4.3	3.8	4.9	4.4	3.8	2.8	1.9
1979	8,280	8,204	8,199	8,227	8,216	8,247	8,359	8,250	8,402	8,390	8,351	8,289	8,229	1979	3.4	3.0	2.6	3.0	3.2	4.0	4.3	3.8	4.6	4.0	3.7	2.5	1.8
1980	8,118	8,151	8,102	8,113	8,088	8,072	8,110	7,959	8,201	8,222	8,174	8,137	8,091	1980	2.7	2.8	2.5	2.8	2.6	2.8	3.1	2.9	3.4	3.2	2.7	2.0	1.5
1981		8,003	8,023	8,040										1981		2.2	2.1	2.3									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	3,229	3,094	3,134	3,163	3,177	3,200	3,259	3,186	3,305	3,340	3,319	3,306	3,266	1977	1.0	1.2	1.1	1.0	.9	.9	1.0	1.3	1.2	.9	.8	.7	.7
1978	3,337	3,219	3,245	3,278	3,289	3,309	3,368	3,280	3,410	3,439	3,420	3,412	3,375	1978	.9	1.2	.9	1.0	.9	1.0	.9	1.2	1.2	.8	.8	.7	.6
1979	3,374	3,331	3,329	3,348	3,341	3,360	3,410	3,329	3,433	3,439	3,429	3,394	3,348	1979	.9	1.1	.8	.9	.9	1.0	1.0	1.2	1.2	.9	.8	.7	.7
1980	3,311	3,308	3,320	3,333	3,309	3,291	3,301	3,205	3,354	3,371	3,341	3,319	3,285	1980	1.1	1.2	1.0	1.0	.9	1.2	1.2	1.6	1.7	1.3	.9	.8	.9
1981		3,238	3,254	3,270										1981		1.3	1.0	1.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	5,828	5,636	5,670	5,710	5,745	5,788	5,902	5,797	5,976	6,004	5,939	5,906	5,864	1977	4.4	4.2	3.5	4.0	4.0	4.2	4.1	4.9	5.8	5.9	4.5	3.9	4.1
1978	5,929	5,785	5,806	5,849	5,858	5,888	5,994	5,871	6,045	6,068	6,011	6,003	5,970	1978	4.5	4.1	3.5	4.0	4.2	4.2	4.3	4.8	6.0	5.9	4.9	4.2	4.1
1979	5,958	5,896	5,893	5,915	5,902	5,934	6,023	5,914	6,061	6,066	6,024	5,963	5,905	1979	4.6	4.3	3.6	4.2	4.3	4.4	4.6	4.8	6.3	5.6	5.1	4.3	4.0
1980	5,786	5,831	5,785	5,792	5,769	5,741	5,763	5,614	5,859	5,887	5,837	5,799	5,752	1980	4.4	4.4	3.8	4.0	4.6	4.6	4.2	4.6	5.3	5.0	4.6	3.7	3.8
1981		5,670	5,692	5,704										1981		4.0	3.3	3.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	201.33	190.85	194.43	195.71	196.28	197.68	201.39	202.00	203.54	206.32	206.32	208.03	211.47	1977	2.3	1.7	1.5	1.9	2.1	2.4	2.3	2.4	3.8	3.5	2.3	1.9	1.5
1978	217.88	205.90	208.59	212.76	213.55	214.19	217.01	219.46	220.18	223.51	223.18	226.29	229.43	1978	2.5	1.8	1.7	2.1	2.3	2.5	2.6	2.6	4.2	3.8	2.8	2.1	1.6
1979	236.19	226.01	226.40	229.91	225.38	231.47	234.04	237.37	238.37	242.35	242.31	246.31	250.17	1979	2.5	2.1	1.9	2.3	2.3	2.6	2.6	2.5	4.1	3.4	2.7	2.0	1.5
1980	255.84	245.70	244.68	246.48	246.91	249.87	252.20	254.87	259.35	262.36	263.53	268.71	274.91	1980	1.9	2.0	1.8	2.0	2.0	1.9	1.8	1.8	2.9	2.5	1.9	1.4	1.1
1981		273.22	271.52	274.09										1981		1.6	1.3	1.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.11	4.97	4.96	4.98	5.02	5.03	5.06	5.14	5.14	5.21	5.21	5.24	5.30	1977	1.4	1.7	1.3	1.2	1.1	1.0	1.0	1.7	1.1	1.5	1.4	1.4	1.9
1978	5.53	5.39	5.39	5.40	5.42	5.45	5.48	5.57	5.56	5.63	5.65	5.70	5.75	1978	1.2	1.5	1.1	1.1	1.0	.9	.9	1.3	.8	1.1	1.3	1.4	1.8
1979	6.01	5.81	5.82	5.85	5.90	5.92	5.94	6.04	6.05	6.12	6.15	6.22	6.27	1979	1.3	1.4	1.0	1.1	1.2	.9	1.1	1.4	1.2	1.3	1.5	1.6	1.9
1980	6.56	6.30	6.29	6.32	6.38	6.44	6.50	6.62	6.65	6.71	6.74	6.82	6.89	1980	1.7	1.5	1.2	1.2	1.8	1.8	1.6	2.0	1.4	1.6	1.9	1.7	2.1
1981		6.97	6.98	7.01										1981		1.7	1.3	1.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	39.4	38.4	39.2	39.3	39.1	39.3	39.8	39.3	39.6	39.6	39.6	39.7	39.9	1977	1,711.0	1,637.8	1,632.1	1,637.7	1,645.0	1,658.3	1,717.3	1,746.9	1,828.6	1,839.7	1,764.8	1,725.4	1,698.3
1978	39.4	38.2	38.7	39.4	39.4	39.3	39.6	39.4	39.6	39.7	39.5	39.7	39.9	1978	1,724.1	1,665.0	1,654.5	1,668.2	1,663.7	1,669.0	1,722.3	1,749.1	1,823.3	1,829.8	1,773.5	1,746.4	1,723.9
1979	39.3	38.9	38.9	39.3	38.2	39.1	39.4	39.3	39.4	39.6	39.4	39.6	39.9	1979	1,732.5	1,685.2	1,666.2	1,676.2	1,667.1	1,681.4	1,730.9	1,754.4	1,834.7	1,841.6	1,790.2	1,745.7	1,716.6
1980	39.0	39.0	38.9	39.0	38.7	38.8	38.8	38.5	39.0	39.1	39.1	39.4	39.9	1980	1,710.8	1,671.6	1,657.4	1,655.2	1,639.7	1,654.1	1,694.9	1,731.7	1,828.7	1,823.5	1,765.2	1,719.3	1,688.5
1981		39.2	38.9	39.1										1981		1,645.2	1,639.2	1,632.5									

See footnotes at end of tables.

MANUFACTURING

SIC 201

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 20—FOOD AND KINDRED PRODUCTS (Con.)														SIC 20—FOOD AND KINDRED PRODUCTS (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	478.5	435.6	437.4	446.3	449.2	450.3	472.6	488.1	533.9	548.2	511.0	493.3	476.6	1977	1.7	1.7	1.5	1.7	1.4	1.7	2.0	2.5	2.0	2.0	1.6	1.4	1.1
1978	495.6	458.7	456.8	464.8	461.4	463.7	487.5	504.4	546.6	558.9	529.0	515.6	500.1	1978	1.8	2.0	1.4	1.6	1.6	2.1	2.3	2.3	2.5	1.7	1.6	1.3	1.1
1979	511.1	481.7	472.7	480.7	475.5	483.8	506.8	518.1	565.3	572.0	547.8	523.4	505.8	1979	1.7	1.6	1.4	1.7	1.7	2.0	2.3	2.5	2.3	1.9	1.4	1.2	1.0
1980	508.3	484.2	480.0	481.0	473.5	479.4	493.5	511.5	570.8	572.3	539.3	515.8	497.8	1980	2.0	1.7	1.6	1.9	1.9	2.4	2.5	3.0	2.7	2.3	1.6	1.4	1.4
1981		476.6	472.3	471.5										1981		2.1	1.6	1.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	1,161.0	1,095.0	1,091.7	1,097.3	1,102.1	1,111.0	1,162.5	1,188.5	1,269.2	1,282.7	1,210.7	1,174.1	1,147.5	1977	6.5	5.8	4.4	5.4	5.2	5.2	5.7	6.7	8.2	10.1	7.4	6.1	6.5
1978	1,173.9	1,118.2	1,110.5	1,122.2	1,116.0	1,120.3	1,166.9	1,191.5	1,265.4	1,277.7	1,222.7	1,197.8	1,177.0	1978	6.6	5.8	4.6	5.3	5.9	5.6	6.0	6.2	8.3	9.5	8.0	6.7	6.6
1979	1,190.8	1,143.1	1,126.2	1,136.7	1,128.0	1,141.3	1,186.7	1,208.0	1,286.6	1,296.6	1,248.4	1,207.2	1,180.7	1979	6.6	5.9	4.9	5.5	5.9	5.7	6.5	6.0	8.3	9.1	8.5	6.4	6.3
1980	1,175.2	1,140.8	1,126.2	1,123.9	1,109.2	1,121.1	1,154.6	1,189.2	1,285.9	1,284.3	1,228.8	1,183.6	1,154.4	1980	6.3	6.0	5.1	5.2	6.0	5.7	5.0	6.0	7.3	8.5	8.4	6.1	6.3
1981		1,115.9	1,109.9	1,104.3										1981		6.1	4.7	5.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	214.80	206.59	208.68	208.95	209.88	211.74	212.93	214.94	217.76	219.64	216.51	221.75	225.12	1977	3.0	1.9	1.7	2.1	2.4	2.6	2.8	3.2	5.3	5.4	3.2	2.5	2.1
1978	230.26	219.57	222.09	224.19	225.76	227.13	227.70	232.00	233.56	235.97	235.01	238.40	242.61	1978	3.3	2.2	2.1	2.4	2.7	2.9	3.3	3.4	5.8	5.7	3.8	2.9	2.3
1979	250.17	239.55	238.51	242.35	241.41	245.92	247.16	251.20	253.08	256.59	254.00	261.30	264.62	1979	3.3	2.6	2.4	2.7	2.9	3.2	3.3	3.3	5.6	5.2	4.0	2.6	2.0
1980	272.34	260.43	259.62	261.19	262.96	270.75	270.86	275.31	278.76	279.68	275.92	284.31	287.34	1980	2.5	2.4	2.1	2.2	2.3	2.3	2.3	2.4	4.1	3.9	2.7	1.9	1.5
1981		288.40	284.53	285.77										1981		1.9	1.6	1.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.37	5.23	5.23	5.25	5.30	5.32	5.31	5.36	5.39	5.45	5.44	5.53	5.60	1977	2.6	3.1	2.0	2.3	1.9	1.8	2.1	2.7	1.9	3.6	3.3	3.0	3.7
1978	5.80	5.63	5.68	5.69	5.73	5.75	5.75	5.80	5.81	5.87	5.89	5.96	6.02	1978	2.4	2.9	1.8	2.0	2.3	1.9	2.0	2.0	1.6	2.7	3.3	3.1	3.5
1979	6.27	6.08	6.10	6.12	6.19	6.21	6.21	6.28	6.28	6.32	6.35	6.50	6.55	1979	2.4	2.4	1.7	2.0	2.2	1.6	2.2	1.9	1.7	2.7	3.5	3.0	3.5
1980	6.86	6.61	6.64	6.68	6.76	6.82	6.84	6.90	6.90	6.94	6.95	7.09	7.13	1980	2.9	2.7	2.2	2.2	2.9	2.4	1.9	2.7	2.1	3.7	4.7	3.5	4.1
1981		7.21	7.24	7.29										1981		3.4	2.4	2.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 201—MEAT PRODUCTS													
1977	40.0	39.5	39.9	39.8	39.6	39.8	40.1	40.1	40.4	40.3	39.8	40.1	40.2	ALL EMPLOYEES—IN THOUSANDS													
1978	39.7	39.0	39.1	39.4	39.4	39.5	39.6	40.0	40.2	40.2	39.9	40.0	40.3	1977	351.7	348.5	347.6	345.4	347.1	348.9	354.4	355.4	353.8	354.7	355.3	355.6	353.7
1979	39.9	39.4	39.1	39.6	39.0	39.6	39.8	40.0	40.3	40.6	40.0	40.2	40.4	1978	353.3	347.7	346.8	347.0	345.2	350.8	354.1	355.6	357.5	357.5	356.8	360.4	360.2
1980	39.7	39.4	39.1	39.1	38.9	39.7	39.6	39.9	40.4	40.3	39.7	40.1	40.3	1979	358.0	354.6	351.4	350.7	349.8	351.0	360.1	364.0	363.2	361.4	362.2	364.9	362.7
1981		40.0	39.3	39.2										1980	356.9	353.1	352.5	351.2	351.4	354.9	360.5	359.8	359.8	360.0	358.8	362.2	358.7
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		350.9	348.7	346.9									
1977	4.1	3.8	3.9	3.7	3.7	3.8	4.0	4.2	4.6	4.7	4.1	4.1	4.0	WOMEN EMPLOYEES—IN THOUSANDS													
1978	4.0	3.8	3.9	3.7	3.6	3.7	3.8	4.2	4.4	4.6	4.1	4.0	4.0	1977	104.2	101.0	100.3	100.9	102.0	102.3	105.7	106.2	105.7	106.6	107.1	106.8	105.9
1979	4.0	3.7	3.5	3.6	3.3	3.6	3.7	4.1	4.5	4.8	4.2	4.3	4.1	1978	107.5	103.0	103.4	102.8	103.2	105.2	108.1	108.9	109.6	110.0	110.9	112.2	112.1
1980	3.8	3.7	3.4	3.4	3.4	3.6	3.6	4.0	4.5	4.4	3.9	4.0	3.8	1979	114.3	109.8	108.4	109.1	110.2	111.4	117.0	117.6	117.2	117.0	118.2	118.8	116.6
1981		4.0	3.6	3.3										1980	115.6	113.8	113.6	112.6	113.2	115.2	117.9	117.2	116.5	116.6	116.5	118.2	116.1
ACCESSIONS PER 100 EMPLOYEES														1981		112.5	111.9	111.5									
1977	6.5	4.7	4.2	5.1	5.5	6.9	8.7	9.2	9.8	8.5	5.9	4.7	3.9	PRODUCTION WORKERS—IN THOUSANDS													
1978	6.7	5.2	4.4	5.0	5.5	7.2	8.7	8.7	10.9	8.5	6.8	5.0	4.0	1977	289.1	285.1	284.0	282.5	284.2	286.5	291.9	292.3	291.3	292.2	293.3	293.7	291.6
1979	6.7	5.3	4.4	5.3	5.9	7.3	9.1	9.3	10.5	8.2	6.6	4.6	3.5	1978	291.5	286.1	284.9	285.0	283.5	289.1	292.2	293.1	295.3	295.5	295.7	299.4	298.6
1980	6.1	4.9	4.4	5.2	5.4	6.6	8.0	8.4	9.2	7.4	5.8	4.0	3.4	1979	297.4	292.8	289.7	289.6	288.8	290.8	300.0	304.1	303.3	301.3	302.7	304.0	301.9
1981		4.7	4.0	4.5										1980	296.9	292.9	292.1	290.9	291.3	294.8	300.5	300.3	300.2	299.8	299.1	302.4	298.9
NEW HIRES PER 100 EMPLOYEES														1981		291.1	289.3	288.3									
1977	4.5	2.7	2.5	3.2	3.7	4.9	6.5	6.4	7.4	6.3	4.1	3.0	2.6	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.7	3.0	2.8	3.2	3.7	4.9	6.1	6.2	8.1	6.5	5.0	3.5	2.7	1977	219.38	215.57	213.79	212.01	213.01	214.97	217.31	218.75	220.09	226.24	224.64	229.31	229.43
1979	4.7	3.4	2.9	3.5	4.0	5.0	6.5	6.5	8.0	6.1	5.0	3.2	2.3	1978	234.04	225.03	226.20	224.07	226.59	233.24	226.59	237.01	235.22	244.62	240.39	245.20	246.43
1980	3.8	2.9	2.7	3.1	3.2	3.9	5.2	5.3	6.2	4.9	3.9	2.4	1.8	1979	254.32	248.75	235.98	241.49	243.18	248.22	250.80	261.29	260.65	262.44	261.63	268.26	265.20
1981		2.4	2.1	2.5										1980	273.70	266.45	259.97	259.67	262.82	275.92	271.26	274.95	276.44	283.93	278.85	290.73	286.63
														1981		295.40	282.59	282.94									

SIC 201

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 201—MEAT PRODUCTS (Con.)														SIC 201—MEAT PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.54	5.43	5.44	5.45	5.49	5.47	5.46	5.51	5.53	5.60	5.63	5.69	5.75	1977	1.7	2.4	1.5	1.9	1.6	1.5	1.3	1.0	1.7	1.2	1.4	1.7	3.3
1978	5.94	5.77	5.86	5.82	5.84	5.89	5.81	5.94	5.94	6.07	6.04	6.13	6.13	1978	1.7	2.3	1.7	2.0	1.9	1.7	1.4	1.3	1.1	1.5	1.3	1.2	3.2
1979	6.39	6.25	6.21	6.24	6.30	6.30	6.27	6.42	6.42	6.48	6.46	6.64	6.63	1979	1.4	1.7	1.5	1.5	1.3	1.8	1.5	.7	1.2	1.1	.8	1.5	2.2
1980	7.00	6.78	6.77	6.78	6.88	6.95	6.92	7.05	7.07	7.17	7.15	7.25	7.22	1980	1.6	2.1	1.6	1.9	1.3	1.2	1.5	1.1	1.2	1.5	1.1	1.4	3.2
1981		7.33	7.34	7.33										1981		2.1	2.2	1.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2011—MEAT PACKING PLANTS													
1977	39.6	39.7	39.3	38.9	38.8	39.3	39.8	39.7	39.8	40.4	39.9	40.3	39.9	ALL EMPLOYEES—IN THOUSANDS													
1978	39.4	39.0	38.6	38.5	38.8	39.6	39.0	39.9	39.6	40.3	39.8	40.0	40.2	1977	171.7	175.0	174.7	171.0	172.0	171.5	171.8	171.4	170.5	171.0	171.1	170.7	170.1
1979	39.8	39.8	38.0	38.7	38.6	39.4	40.0	40.7	40.6	40.5	40.5	40.4	40.0	1978	168.0	168.8	168.2	168.1	167.6	169.7	166.1	167.0	168.2	168.3	167.0	168.6	168.4
1980	39.1	39.3	38.4	38.3	38.2	39.7	39.2	39.0	39.1	39.6	39.0	40.1	39.7	1979	162.6	167.3	165.5	163.8	162.0	160.5	160.6	162.1	162.7	161.4	159.2	163.1	163.5
1981		40.3	38.5	38.6										1980	161.4	161.4	161.3	160.7	159.9	160.3	161.6	161.0	161.7	161.9	162.0	162.6	161.8
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		159.4	158.3	157.3									
1977	4.1	4.2	3.9	3.8	3.8	3.8	4.1	4.1	4.0	4.4	4.0	4.4	4.2	WOMEN EMPLOYEES—IN THOUSANDS													
1978	3.9	3.9	3.8	3.3	3.5	3.9	3.4	4.0	3.9	4.5	4.0	4.0	4.1	1977	26.4	26.9	26.5	26.1	26.2	26.2	26.4	26.2	26.2	26.5	26.6	26.5	
1979	4.2	4.2	3.2	3.5	3.6	4.0	4.1	4.6	4.5	4.7	4.5	4.8	4.4	1978	26.7	26.0	26.2	26.0	26.2	26.7	26.5	26.9	27.1	27.2	27.1	27.4	27.3
1980	3.7	4.0	3.3	3.3	3.5	4.0	3.6	3.5	3.5	3.9	3.6	4.3	4.0	1979	27.8	27.1	26.4	26.6	27.0	26.9	27.8	27.8	28.3	28.2	28.3	29.4	29.3
1981		4.4	3.5	3.2										1980	29.4	29.3	29.1	29.0	29.1	29.4	30.1	29.5	29.4	29.0	29.5	29.7	29.4
ACCESSIONS PER 100 EMPLOYEES														1981		28.5	28.4	28.1									
1977	6.5	5.5	4.5	6.3	6.2	7.8	8.0	6.8	7.7	7.9	6.6	5.6	5.2	PRODUCTION WORKERS—IN THOUSANDS													
1978	6.9	6.6	5.6	6.0	6.6	8.9	8.7	7.2	8.1	7.7	6.9	6.2	4.5	1977	138.2	141.1	139.9	137.2	138.3	138.0	138.4	137.8	137.0	137.6	138.2	137.9	137.2
1979	7.3	6.7	5.4	7.1	7.4	9.4	9.3	8.1	9.1	7.8	7.7	5.6	4.4	1978	135.4	136.0	135.2	135.1	134.5	136.9	133.5	134.1	135.5	135.7	135.0	136.8	136.4
1980	6.0	6.4	5.8	6.6	6.1	7.9	7.2	5.7	6.0	6.6	5.6	4.6	3.8	1979	131.9	135.5	133.3	132.4	130.5	129.3	130.0	131.9	132.6	131.5	130.2	132.7	133.1
1981		5.7	4.3	5.0										1980	131.9	131.4	131.5	130.8	130.3	130.9	132.2	132.0	132.6	132.7	132.7	133.3	132.5
NEW HIRES PER 100 EMPLOYEES														1981		130.2	129.4	129.0									
1977	4.9	3.6	3.3	4.0	4.7	5.7	6.4	5.5	6.0	6.0	5.1	4.1	3.8	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	5.1	4.4	4.1	4.1	4.8	6.2	6.3	5.6	6.6	6.2	5.6	4.7	3.2	1977	273.97	271.58	268.38	269.00	265.92	266.15	271.28	270.68	271.10	281.15	279.81	287.22	286.70
1979	5.7	5.0	4.0	4.9	5.5	7.3	7.6	6.3	7.6	6.6	6.4	4.2	3.0	1978	293.53	284.39	286.62	281.07	286.21	290.21	278.99	293.94	288.05	309.40	302.74	311.22	309.01
1980	4.3	4.6	4.0	4.3	4.3	5.5	5.4	4.2	4.4	5.0	4.1	3.2	2.3	1979	322.34	318.42	296.06	302.65	309.67	312.12	318.10	331.99	328.13	331.43	336.41	348.50	337.60
1981		3.5	2.9	3.3										1980	351.49	344.42	333.74	333.33	341.52	354.06	346.93	350.02	350.02	364.04	361.09	376.58	361.50
RECALLS PER 100 EMPLOYEES														1981		381.47	363.91	362.56									
1977	1.2	1.4	.9	1.8	1.1	1.7	1.2	.9	1.3	1.4	1.1	1.0	.9	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	1.3	1.9	1.1	1.6	1.4	2.3	1.8	1.2	1.1	1.0	.8	1.1	.9	1977	6.57	6.39	6.39	6.42	6.47	6.46	6.49	6.57	6.58	6.71	6.71	6.79	6.81
1979	1.2	1.0	1.1	1.7	1.5	1.5	1.3	1.4	.9	.7	.7	1.0	1.0	1978	7.09	6.82	6.94	6.94	6.93	7.01	6.94	7.10	7.13	7.28	7.26	7.34	7.34
1980	1.3	1.3	1.3	1.8	1.4	2.0	1.4	1.1	1.1	1.2	1.1	1.1	1.1	1979	7.73	7.51	7.42	7.51	7.59	7.65	7.61	7.83	7.85	7.91	7.86	8.03	8.00
1981		1.6	1.1	1.3										1980	8.49	8.22	8.16	8.21	8.35	8.43	8.38	8.60	8.60	8.73	8.68	8.84	8.69
SEPARATIONS PER 100 EMPLOYEES														1981		8.81	8.79	8.80									
1977	6.6	6.0	4.8	6.4	6.3	6.6	6.3	6.5	8.7	7.5	6.2	6.2	7.3	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	7.0	6.7	6.0	6.5	7.3	6.9	6.8	6.9	8.7	8.4	6.9	5.9	7.3	1977	41.7	42.5	42.0	41.9	41.1	41.2	41.8	41.2	41.2	41.9	41.7	42.3	42.1
1979	7.2	6.8	6.2	6.7	7.0	8.4	8.2	6.7	10.0	8.1	7.1	6.0	5.8	1978	41.4	41.7	41.3	40.5	41.3	41.4	40.2	41.4	40.4	42.5	41.7	42.4	42.1
1980	6.1	6.7	6.0	6.5	6.1	6.1	6.0	5.4	6.9	6.6	5.4	4.8	6.3	1979	41.7	42.4	39.9	40.3	40.8	40.8	41.8	42.4	41.8	41.9	42.8	43.4	42.2
1981		5.8	5.6	5.2										1980	41.4	41.9	40.9	40.6	40.9	42.0	41.4	40.7	40.7	41.7	41.6	42.6	41.6
QUITS PER 100 EMPLOYEES														1981		43.3	41.4	41.2									
1977	3.9	2.7	2.5	3.2	3.8	4.1	4.0	4.5	5.8	5.1	4.0	3.7	3.2	PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1978	4.4	3.4	3.4	3.7	4.4	4.3	4.6	4.7	6.5	5.8	4.6	3.9	3.3	1977	4.9	5.2	5.0	5.1	4.8	4.6	5.1	4.7	4.7	5.0	4.6	5.1	5.1
1979	4.9	4.0	3.8	4.4	4.8	5.4	5.4	5.0	7.8	6.0	5.2	3.7	2.8	1978	4.7	4.8	4.7	4.0	4.4	4.7	3.8	4.9	4.2	5.7	5.0	4.8	4.9
1980	3.5	3.7	3.3	3.7	3.7	3.8	3.4	3.3	4.6	4.0	3.4	2.5	2.2	1979	5.0	5.3	3.8	4.0	4.4	4.7	5.0	5.2	5.3	5.5	5.5	6.4	5.5
1981		2.8	2.5	2.8										1980	4.9	5.4	4.4	4.5	4.9	5.3	4.7	4.4	4.4	5.2	4.9	5.7	5.1
														1981		6.0	4.9	4.2									

See footnotes at end of tables.

MANUFACTURING

SIC 2013

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2011—MEAT PACKING PLANTS (Con.)														SIC 2013—SAUSAGES AND OTHER PREPARED MEATS (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.2	4.3	3.0	4.3	3.7	4.4	4.7	3.7	4.7	4.9	4.4	4.0	4.5	1977	50.9	49.3	48.7	49.1	49.8	50.7	51.3	51.6	51.6	51.8	52.2	52.2	52.5
1978	4.4	4.1	4.2	3.7	4.4	5.5	4.9	4.7	4.6	4.7	4.0	4.0	3.5	1978	52.1	52.0	51.7	51.5	50.6	51.4	52.4	52.5	52.7	52.4	52.3	52.8	52.4
1979	4.8	4.1	3.3	5.1	5.3	5.2	6.0	5.2	5.6	5.0	4.9	4.4	4.1	1979	51.2	51.2	50.5	50.6	49.3	50.5	51.5	51.8	51.5	51.3	51.8	52.2	51.8
1980	4.2	3.8	4.5	4.2	4.6	5.8	4.9	3.6	4.0	4.3	3.6	3.7	3.0	1980	51.2	50.6	50.4	50.6	49.7	50.6	51.7	52.2	52.3	52.0	50.9	51.8	51.4
1981		3.8	3.0	4.0										1981		50.5	50.2	49.9									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.4	2.1	1.6	2.2	2.2	2.6	2.9	2.3	2.6	2.8	2.6	2.5	2.9	1977	250.57	237.94	241.40	235.73	242.93	247.60	248.58	252.80	254.96	258.22	259.84	262.04	266.79
1978	2.5	2.3	2.6	1.8	2.4	2.7	2.8	2.8	3.2	3.1	2.5	2.4	1.8	1978	265.84	247.54	258.20	250.78	249.60	262.42	264.40	274.00	272.80	273.82	269.99	274.51	286.23
1979	3.1	2.2	2.0	2.6	3.1	3.9	3.8	3.0	4.0	3.7	3.7	2.8	2.1	1979	296.74	272.76	276.36	279.03	287.60	293.06	294.80	306.18	307.75	310.95	305.47	312.12	309.14
1980	2.3	2.2	2.2	1.6	2.4	3.3	3.1	2.4	2.2	2.6	2.0	2.0	1.1	1980	317.17	302.25	300.70	297.20	299.14	320.39	320.00	323.57	325.96	324.62	320.19	334.43	337.28
1981		1.4	1.4	1.9										1981		335.41	326.87	328.77									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.4	1.6	1.0	1.7	1.1	1.3	1.4	1.1	1.7	1.6	1.4	1.1	1.2	1977	6.28	6.07	6.05	6.06	6.15	6.19	6.23	6.32	6.39	6.36	6.40	6.47	6.62
1978	1.4	1.6	1.2	1.4	1.6	2.3	1.7	1.6	1.0	1.1	1.1	1.1	1.4	1978	6.73	6.48	6.57	6.48	6.50	6.61	6.66	6.85	6.82	6.88	6.87	6.88	7.05
1979	1.4	1.2	1.0	2.1	1.9	.9	1.8	1.8	1.2	1.0	.8	1.1	1.5	1979	7.40	7.03	7.05	7.10	7.19	7.29	7.37	7.56	7.58	7.64	7.58	7.65	7.69
1980	1.5	1.0	1.7	2.0	1.8	2.0	1.5	.9	1.3	1.2	1.3	1.4	1.4	1980	8.05	7.77	7.75	7.78	7.79	7.95	8.00	8.13	8.19	8.26	8.21	8.34	8.39
1981		1.7	1.2	1.6										1981		8.47	8.49	8.43									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.5	4.3	3.5	5.0	4.3	4.4	4.1	3.9	5.6	4.8	4.4	4.1	5.1	1977	39.9	39.2	39.9	38.9	39.5	40.0	39.9	40.0	39.9	40.6	40.6	40.5	40.3
1978	4.7	4.8	4.1	5.0	5.2	4.4	4.7	4.1	5.2	5.6	4.7	3.7	4.6	1978	39.5	38.2	39.3	38.7	38.4	39.7	39.7	40.0	40.0	39.8	39.3	39.9	40.6
1979	4.9	4.4	4.2	4.7	4.8	5.7	6.1	3.7	6.4	5.4	4.1	4.6	4.3	1979	40.1	38.8	39.2	39.3	40.0	40.2	40.0	40.5	40.6	40.7	40.3	40.8	40.2
1980	4.2	4.8	4.3	4.8	3.9	3.7	4.2	3.2	4.9	4.4	3.7	4.0	4.9	1980	39.4	38.9	38.8	38.2	38.4	40.3	40.0	39.8	39.8	39.3	39.0	40.1	40.2
1981		4.5	3.7	4.2										1981		39.6	38.5	39.0									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.6	1.2	1.2	1.3	1.5	1.7	1.4	1.7	2.5	2.1	1.7	1.8	1.6	1977	3.6	2.9	3.3	2.8	3.3	3.7	3.5	3.8	3.7	4.1	3.9	3.6	4.0
1978	1.9	1.8	1.6	1.6	2.2	1.8	1.9	1.8	2.9	2.4	1.7	1.5	1.3	1978	3.5	3.1	3.8	3.1	3.0	3.5	3.3	3.8	3.7	3.6	3.2	3.4	4.2
1979	2.1	1.8	1.6	2.0	2.4	2.2	2.3	1.9	3.6	2.9	2.1	1.5	1.5	1979	4.0	3.6	3.5	3.8	4.2	4.1	3.5	4.0	3.7	4.5	4.3	4.2	4.5
1980	1.6	1.5	1.6	1.4	1.6	1.7	1.6	1.4	2.4	1.9	1.4	1.4	1.0	1980	3.1	3.2	3.0	2.7	2.9	3.6	3.2	2.9	3.2	3.0	2.9	3.3	3.5
1981		1.2	1.0	1.5										1981		3.4	2.9	2.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	2.0	2.3	1.6	1.9	2.1	1.9	2.0	1.4	2.0	1.7	2.0	1.7	2.8	1977	4.3	2.9	3.8	3.8	5.1	5.9	5.5	4.0	3.7	5.5	4.0	4.3	2.9
1978	2.0	2.1	1.7	2.7	2.3	1.9	2.0	1.6	1.5	2.3	2.1	1.6	2.6	1978	4.6	4.2	4.4	3.4	5.8	5.4	6.4	4.5	5.2	5.7	3.6	4.2	2.3
1979	1.8	1.7	1.9	2.0	1.5	2.1	2.5	1.0	2.0	1.6	1.1	2.3	2.0	1979	4.4	3.3	3.6	4.0	4.7	6.4	5.6	5.4	5.3	4.3	4.4	3.5	2.2
1980	1.9	2.4	1.8	2.6	1.5	1.2	1.9	1.1	1.6	1.6	1.5	1.9	3.2	1980	4.3	4.9	4.1	3.8	3.7	5.3	5.9	5.3	4.0	4.1	3.3	3.7	3.1
1981		2.6	1.9	2.0										1981		4.4	3.7	3.4									
SIC 2013—SAUSAGES AND OTHER PREPARED MEATS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.6	1.8	2.2	2.2	3.5	3.9	3.8	2.7	2.7	3.0	2.5	2.1	1.3
1977	70.0	68.8	67.9	68.5	69.0	69.6	70.3	70.7	70.5	70.6	71.3	71.2	71.6	1978	3.0	1.9	2.3	2.3	3.1	3.7	4.1	3.7	3.9	4.1	3.0	2.2	1.4
1978	70.9	70.9	70.5	70.4	69.1	70.2	71.3	71.7	71.9	71.2	70.9	71.3	71.1	1979	2.9	1.9	1.9	2.2	3.0	4.7	4.3	3.4	4.1	3.3	3.2	2.1	1.1
1979	69.6	69.5	68.9	69.1	67.6	68.7	69.7	70.0	69.9	69.9	70.8	70.9	70.6	1980	2.3	1.8	2.2	2.1	2.0	3.2	3.7	3.0	2.6	2.4	1.9	1.6	1.1
1980	69.6	69.0	68.9	69.0	68.3	69.3	70.4	70.7	70.7	70.6	69.0	70.1	69.6	1981		1.5	1.8	1.6									
1981		68.5	68.1	67.7																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	20.1	19.3	19.1	19.4	19.9	20.0	20.3	20.4	20.2	20.8	20.9	20.7	20.7	1977	1.5	1.0	1.5	1.5	1.3	1.8	1.6	1.1	.9	2.3	1.3	2.0	1.5
1978	20.8	20.4	20.5	20.4	20.1	20.4	20.7	21.0	20.9	21.0	21.1	21.4	21.4	1978	1.4	2.0	1.9	1.0	2.5	1.5	1.7	.7	1.2	1.5	.5	1.8	.8
1979	21.1	20.7	20.9	20.9	20.3	21.1	21.5	21.5	21.3	21.0	21.1	21.4	21.0	1979	1.3	1.3	1.5	1.6	1.6	1.5	1.1	1.8	.9	.8	1.0	1.3	1.0
1980	20.6	20.5	20.4	20.3	20.2	20.4	20.7	20.8	21.0	21.1	20.5	20.8	20.4	1980	1.8	2.8	1.7	1.6	1.6	2.0	2.0	2.1	1.3	1.6	1.2	1.9	1.9
1981		20.0	20.0	19.9										1981		2.2	1.7	1.4									

See footnotes at end of tables.

SIC 2013

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2013—SAUSAGES AND OTHER PREPARED MEATS (Con.)														SIC 2016—POULTRY DRESSING PLANTS (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.4	4.7	4.1	4.3	4.2	4.5	3.9	3.1	5.8	5.4	4.2	4.8	4.4	1977	36.5	35.6	34.7	34.4	34.9	36.0	37.0	37.5	37.8	38.0	36.9	37.6	36.8
1978	4.8	4.5	5.1	5.2	5.6	3.9	4.5	4.5	5.8	5.9	4.7	4.3	3.8	1978	36.8	35.3	34.6	35.5	35.6	37.1	36.9	37.8	38.5	37.8	37.5	36.9	37.5
1979	4.8	4.9	3.8	4.0	4.7	5.7	5.1	4.4	5.7	5.5	4.6	4.5	4.3	1979	37.5	37.0	35.0	36.3	35.1	37.6	38.3	39.0	39.5	39.0	38.2	36.7	37.0
1980	4.8	5.0	4.0	4.3	4.2	4.3	5.5	4.9	5.1	5.6	4.2	4.3	5.7	1980	36.3	36.0	35.0	35.9	35.2	36.8	36.4	36.7	36.8	37.0	35.7	37.4	37.0
1981		5.0	4.6	4.2										1981		37.0	34.8	35.2									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.7	1.0	1.2	1.6	2.1	1.8	1.8	1.4	2.4	2.5	1.7	1.5	1.4	1977	3.1	3.3	2.4	2.3	2.5	2.9	3.0	3.4	3.3	3.7	3.1	3.9	3.0
1978	2.2	1.5	1.5	1.9	2.3	2.0	2.3	2.3	3.3	3.4	2.4	1.7	1.2	1978	3.0	3.0	2.4	2.3	2.5	3.0	3.0	3.1	3.6	3.5	3.1	3.2	3.1
1979	2.1	1.8	1.5	1.9	2.2	2.2	2.2	2.3	3.7	2.7	2.4	1.7	.9	1979	3.3	3.0	2.3	2.7	2.4	3.4	3.6	4.2	4.1	4.1	3.7	3.2	3.1
1980	1.6	1.4	1.3	1.4	1.2	1.7	1.8	1.9	2.3	1.9	1.8	1.3	1.1	1980	2.6	2.7	2.1	2.3	2.2	2.7	2.5	2.6	2.5	2.6	2.4	3.2	2.9
1981		1.2	1.2	1.2										1981		2.8	2.1	2.0									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	2.0	2.8	2.2	2.2	1.3	1.8	1.5	1.1	2.5	1.9	1.9	2.6	2.3	1977	11.9	9.5	7.5	11.2	11.3	15.3	15.2	13.9	15.3	14.5	11.4	9.1	8.1
1978	1.8	2.3	3.0	2.6	1.9	1.3	1.6	1.3	1.4	1.6	1.5	1.8	1.9	1978	12.7	12.7	9.1	11.8	11.1	17.5	16.2	13.2	15.6	13.9	13.0	10.9	7.3
1979	1.8	2.2	1.6	1.6	1.9	2.6	1.8	1.2	1.0	1.9	1.1	2.1	2.8	1979	12.5	12.6	10.0	12.5	12.6	17.9	15.6	13.5	15.6	13.4	12.3	8.5	6.0
1980	2.3	2.9	1.7	2.1	2.3	1.6	2.4	2.2	2.0	2.9	1.7	2.4	3.9	1980	9.4	11.2	8.4	10.3	9.5	12.5	10.7	8.4	9.6	10.8	9.0	6.5	5.5
1981		3.0	2.7	2.1										1981		9.2	6.6	7.1									
SIC 2016—POULTRY DRESSING PLANTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	96.7	91.0	91.5	92.3	92.3	94.1	99.0	100.6	100.0	100.2	99.8	100.5	98.9	1977	10.4	7.5	6.8	8.4	9.8	12.3	13.8	12.7	13.8	13.0	10.4	8.0	7.2
1978	100.9	94.8	95.2	95.6	95.2	97.7	103.3	103.7	104.2	104.6	104.9	105.9	105.9	1978	10.7	9.5	7.9	9.0	10.1	13.7	13.1	11.5	13.6	12.5	11.5	9.6	6.4
1979	110.6	102.6	101.9	102.6	105.4	107.3	114.6	116.8	115.8	115.0	116.1	115.1	113.4	1979	10.9	10.9	8.2	10.4	10.8	14.1	14.2	12.2	14.0	12.2	11.0	7.3	5.3
1980	111.4	107.1	106.8	106.3	108.4	110.9	114.9	114.3	113.6	113.6	112.7	114.6	113.0	1980	8.0	9.7	7.2	8.6	8.4	10.0	9.1	7.2	8.4	9.3	7.4	5.7	4.7
1981		108.8	108.3	108.3										1981		7.5	5.6	6.0									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	51.0	48.0	47.9	48.6	48.9	49.1	52.3	53.3	52.9	53.2	53.1	52.8	52.1	1977	.9	1.3	.2	2.2	.9	2.4	.6	.5	.7	.7	.4	.3	.2
1978	53.1	49.9	50.1	49.8	50.0	51.2	54.1	54.4	55.0	54.9	55.4	56.0	56.0	1978	1.3	2.4	.6	2.3	.4	3.0	2.3	1.1	1.1	.7	.6	.7	.3
1979	57.8	54.2	53.5	54.0	55.4	56.1	60.0	60.6	60.0	60.1	60.5	60.1	58.6	1979	.9	.7	1.2	1.4	1.0	2.6	.6	.7	.5	.4	.6	.7	.3
1980	58.4	56.1	55.9	55.7	56.5	58.2	60.6	60.3	59.5	59.7	58.8	60.0	59.1	1980	.8	.8	.7	1.1	.5	1.9	1.1	.8	.6	1.0	1.0	.3	.4
1981		56.7	56.3	56.8										1981		1.1	.7	.8									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	88.2	82.8	83.4	84.1	83.9	85.6	90.5	91.8	91.3	91.4	91.3	91.8	90.4	1977	11.7	9.9	7.7	10.5	11.7	11.5	11.5	13.0	16.1	13.3	10.4	10.5	13.5
1978	92.1	86.3	86.5	86.9	86.5	89.0	94.4	94.8	95.4	95.5	96.0	96.9	96.7	1978	12.4	11.9	9.9	10.0	12.2	13.1	11.7	12.8	15.9	14.3	11.9	10.3	14.0
1979	101.2	93.0	92.8	93.6	96.2	98.4	105.2	107.4	106.4	105.6	106.6	105.3	103.9	1979	12.0	11.7	10.9	11.8	11.7	14.2	12.8	11.8	17.6	12.6	12.1	8.7	8.4
1980	101.3	97.5	96.8	96.3	98.4	101.0	105.0	104.4	103.3	103.2	102.3	104.3	102.6	1980	9.3	10.2	9.5	9.9	9.8	10.7	8.8	8.5	10.7	10.2	8.5	6.1	8.6
1981		98.1	97.6	97.8										1981		7.9	7.8	7.2									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	126.29	118.55	116.94	116.27	118.31	122.76	126.91	130.13	132.68	133.38	130.26	134.23	132.11	1977	9.3	6.2	5.7	7.7	9.2	10.0	9.9	11.3	13.8	11.8	9.3	8.2	7.4
1978	139.47	127.08	125.25	129.22	131.72	138.38	139.48	144.77	148.23	146.29	145.88	146.49	147.75	1978	9.9	7.6	7.8	8.5	9.7	10.1	10.4	10.8	14.2	12.7	10.6	8.8	7.5
1979	155.25	146.15	138.95	145.20	140.75	152.66	158.18	163.41	165.51	164.58	160.82	157.81	160.21	1979	10.3	8.9	8.8	9.8	10.0	12.0	11.4	10.7	15.9	11.5	10.8	7.7	5.8
1980	162.26	153.72	150.50	154.01	154.18	163.02	161.98	165.52	166.34	169.46	162.44	172.41	173.53	1980	7.1	8.1	6.9	7.9	7.9	8.2	6.9	6.6	8.9	8.1	7.0	4.7	4.5
1981		172.42	161.47	164.03										1981		5.7	5.4	5.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	3.46	3.33	3.37	3.38	3.39	3.41	3.43	3.47	3.51	3.51	3.53	3.57	3.59	1977	1.2	2.6	1.1	1.6	1.1	(¹)	.1	.3	.8	.1	.1	1.3	5.1
1978	3.79	3.60	3.62	3.64	3.70	3.73	3.78	3.83	3.85	3.87	3.89	3.97	3.94	1978	1.2	2.9	1.1	.4	1.4	1.6	.3	.8	.2	.2	.1	.4	5.6
1979	4.14	3.95	3.97	4.00	4.01	4.06	4.13	4.19	4.19	4.22	4.21	4.30	4.33	1979	.6	1.5	.9	.8	.6	1.0	.1	.1	.2	(¹)	.2	.1	1.8
1980	4.47	4.27	4.30	4.29	4.38	4.43	4.45	4.51	4.52	4.58	4.55	4.61	4.69	1980	.8	1.0	1.4	.9	.5	1.0	.5	.6	.3	.7	.2	.1	3.0
1981		4.66	4.64	4.66										1981		.9	1.2	.5									

See footnotes at end of tables.

MANUFACTURING

SIC 2022

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 202—DAIRY PRODUCTS														SIC 202—DAIRY PRODUCTS (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	187.5	185.3	184.7	186.5	187.3	188.8	192.9	191.9	191.4	187.8	185.3	184.7	183.4	1977	2.7	1.9	1.6	2.5	2.9	3.9	3.8	2.8	3.5	3.2	2.4	1.9	1.7
1978	183.3	181.4	180.5	182.1	183.3	184.4	187.7	186.9	186.8	184.0	182.0	180.2	179.9	1978	3.0	2.1	2.2	2.6	3.1	3.9	4.3	3.3	3.7	3.7	2.9	2.3	1.9
1979	179.8	178.1	176.9	177.3	178.8	180.3	184.8	185.2	184.1	180.5	178.4	176.7	176.1	1979	2.9	2.5	2.0	3.0	2.9	3.9	4.4	3.2	3.5	3.3	2.7	2.0	1.6
1980	175.8	173.6	172.6	173.4	174.3	176.1	179.4	180.0	180.0	177.0	175.1	174.0	173.6	1980	2.5	2.0	2.3	2.7	2.6	3.3	3.9	2.7	2.7	2.8	2.0	1.7	1.5
1981		171.2	170.0	171.6										1981		1.6	1.9	2.3									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	36.6	35.6	35.4	36.1	36.2	36.3	38.0	37.6	37.4	37.1	36.7	36.5	36.0	1977	.5	.5	.8	.8	.7	.5	.7	.3	.4	.2	.3	.4	.4
1978	36.3	34.7	34.7	35.5	35.4	36.1	37.4	37.6	37.9	37.2	36.7	36.4	36.4	1978	.5	.8	.6	.6	.7	.7	.7	.5	.3	.4	.4	.2	.5
1979	37.1	35.6	34.9	35.4	35.8	36.2	38.6	38.7	39.2	38.1	37.7	37.3	37.2	1979	.6	.7	.8	.6	.6	1.2	.6	.6	.3	.4	.4	.5	.6
1980	37.8	36.4	36.1	36.8	37.0	37.8	39.0	38.9	39.1	38.7	38.4	38.0	37.9	1980	.6	.5	1.0	.6	.6	.9	.7	.6	.7	.4	.2	.4	.7
1981		36.5	36.2	36.6										1981		.6	1.0	.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	98.2	95.8	95.1	97.1	98.2	99.4	102.7	101.5	101.2	98.7	96.9	96.4	95.5	1977	3.3	3.1	2.3	2.6	2.9	3.3	3.4	3.2	4.3	5.0	3.4	2.8	3.1
1978	96.8	94.7	94.5	95.7	96.2	97.3	100.4	100.0	100.1	97.7	95.8	94.9	94.8	1978	3.7	3.2	2.7	2.8	3.1	3.6	3.4	3.5	5.2	5.4	3.8	3.7	3.4
1979	96.7	93.8	93.7	93.2	94.6	95.9	100.7	101.0	100.5	98.1	96.9	96.1	95.5	1979	3.7	3.6	2.9	3.6	3.2	3.5	3.6	3.4	4.9	5.2	4.1	3.2	2.9
1980	96.6	94.0	93.6	94.3	95.1	96.8	99.7	100.5	100.2	98.0	96.4	95.1	94.9	1980	3.2	3.6	2.9	2.8	3.2	3.1	2.9	2.7	4.4	4.6	3.2	2.8	2.6
1981		93.4	92.4	94.2										1981		3.8	2.7	2.7									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	224.83	213.21	215.88	217.85	220.33	221.19	226.03	231.95	228.98	232.09	227.64	230.83	234.34	1977	1.9	1.4	1.1	1.5	1.7	2.1	2.2	2.2	3.1	2.9	1.8	1.4	1.5
1978	240.29	230.45	232.40	232.82	233.50	235.57	241.38	246.34	243.36	246.93	246.19	248.44	249.45	1978	2.3	1.7	1.4	1.7	2.0	2.4	2.5	2.3	3.8	3.6	2.3	2.0	1.6
1979	261.02	248.27	250.31	252.97	253.79	257.09	261.88	263.97	263.54	268.74	263.98	270.68	272.00	1979	2.3	1.9	1.6	2.2	2.1	2.4	2.3	2.3	3.5	3.3	2.3	1.7	1.5
1980	284.28	268.37	273.88	274.70	275.78	281.31	283.50	289.49	289.80	294.84	290.34	295.90	292.63	1980	1.7	1.6	1.5	1.5	1.5	1.5	1.7	1.5	2.8	2.8	1.5	1.3	1.0
1981		293.13	296.30	299.39										1981		1.5	1.1	1.2									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.29	5.15	5.14	5.15	5.16	5.18	5.22	5.32	5.35	5.41	5.42	5.47	5.54	1977	.8	1.1	.7	.6	.7	.5	.5	.4	.6	1.3	.9	.9	1.1
1978	5.79	5.58	5.60	5.61	5.64	5.69	5.72	5.81	5.85	5.95	5.99	6.03	6.04	1978	.7	1.0	.6	.5	.6	.5	.3	.6	.7	1.1	.8	1.0	1.1
1979	6.32	6.10	6.12	6.14	6.19	6.24	6.28	6.30	6.32	6.46	6.47	6.57	6.57	1979	.8	1.0	.6	.8	.5	.4	.6	.5	.6	1.2	1.2	.9	.9
1980	6.85	6.61	6.68	6.70	6.71	6.73	6.75	6.86	6.90	7.02	7.03	7.13	7.12	1980	.9	1.3	.8	.8	1.1	.9	.6	.6	.9	.9	1.0	1.0	1.0
1981		7.22	7.28	7.32										1981		1.6	1.0	.8									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2022—CHEESE, NATURAL AND PROCESSED													
1977	42.5	41.4	42.0	42.3	42.7	42.7	43.3	43.6	42.8	42.9	42.0	42.2	42.3	ALL EMPLOYEES—IN THOUSANDS													
1978	41.5	41.3	41.5	41.5	41.4	41.4	42.2	42.4	41.6	41.5	41.1	41.2	41.3	1977	31.2	29.9	30.1	30.5	30.8	31.2	32.1	32.0	31.9	31.4	31.4	31.5	31.8
1979	41.3	40.7	40.9	41.2	41.0	41.2	41.7	41.9	41.7	41.6	40.8	41.2	41.4	1978	32.4	31.1	31.3	31.7	31.8	32.2	33.2	33.1	33.1	32.9	32.6	32.7	32.9
1980	41.5	40.6	41.0	41.0	41.1	41.8	42.0	42.2	42.0	42.0	41.3	41.5	41.1	1979	34.0	32.0	32.0	32.6	32.8	32.9	34.8	35.1	35.5	35.1	35.1	35.1	34.7
1981		40.6	40.7	40.9										1980	35.8	34.2	34.1	34.6	34.8	35.2	36.8	36.7	36.7	36.7	36.5	36.4	36.4
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.3	3.8	3.8	3.9	4.2	4.1	4.6	5.0	4.8	4.8	4.2	4.0	4.2	1977	24.3	23.3	23.4	23.8	24.2	24.5	25.2	25.0	24.8	24.5	24.5	24.4	24.5
1978	4.2	3.9	4.2	4.0	4.1	4.1	4.7	4.6	4.3	4.4	3.9	3.8	3.8	1978	25.2	24.0	24.3	24.5	24.5	24.9	25.9	25.9	25.9	25.8	25.4	25.4	25.6
1979	4.0	3.6	3.8	3.9	3.8	3.9	4.3	4.2	4.3	4.4	3.7	3.9	3.6	1979	26.5	25.0	25.1	25.5	25.8	25.7	27.3	27.4	27.7	27.2	27.3	27.3	26.8
1980	4.0	3.6	3.9	3.8	3.7	4.3	4.3	4.5	4.5	4.4	3.8	4.0	3.7	1980	27.6	26.3	26.1	26.5	26.8	27.1	28.6	28.3	28.3	28.5	28.5	28.0	28.0
1981		3.7	3.7	3.7										1981		27.1	26.7	27.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.3	2.7	2.5	3.6	3.7	4.6	4.6	3.3	4.0	3.6	2.7	2.5	2.2	1977	203.03	186.12	192.98	199.55	198.51	195.29	205.73	208.58	203.00	208.57	205.63	216.39	216.63
1978	3.7	3.1	2.9	3.4	3.9	4.7	5.2	4.0	4.1	4.2	3.4	2.8	2.5	1978	219.75	205.93	210.81	213.19	210.14	214.12	226.01	227.29	226.03	221.99	228.40	227.66	224.76
1979	3.7	3.4	3.0	3.7	3.7	5.3	5.2	4.0	3.9	3.8	3.2	2.6	2.3	1979	239.99	223.88	232.03	239.95	234.40	234.24	242.60	245.62	245.03	243.89	241.64	243.90	251.30
1980	3.3	2.8	3.4	3.4	3.3	4.4	4.8	3.4	3.5	3.3	2.4	2.2	2.4	1980	261.23	241.29	248.20	251.42	249.74	256.56	261.06	267.15	270.25	271.20	272.68	274.57	271.44
1981		2.4	3.1	3.3										1981		267.50	271.91	279.27									

See footnotes at end of tables.

SIC 2022
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 2022—CHEESE, NATURAL AND PROCESSED (Con.)

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.94	4.76	4.73	4.82	4.83	4.81	4.91	4.99	5.00	5.05	5.04	5.14	5.22	1977	43.8	43.0	43.2	43.4	44.2	44.0	44.3	44.9	44.3	44.4	43.4	43.1	43.6
1978	5.48	5.24	5.31	5.29	5.28	5.38	5.42	5.49	5.54	5.62	5.71	5.72	5.69	1978	42.6	42.8	42.8	42.3	42.3	42.4	42.7	43.0	42.4	43.0	42.1	42.4	42.6
1979	6.03	5.77	5.83	5.91	5.86	5.93	5.99	6.02	6.05	6.19	6.18	6.27	6.33	1979	42.2	42.1	41.8	41.8	41.6	41.8	41.9	42.6	42.3	43.2	42.1	42.7	42.8
1980	6.58	6.30	6.43	6.48	6.42	6.43	6.43	6.58	6.64	6.78	6.80	6.83	6.82	1980	42.3	41.7	41.9	41.9	42.1	42.6	42.8	42.9	42.6	43.1	42.1	42.0	41.8
1981		6.93	6.99	7.07										1981		41.4	41.6	41.6									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	41.1	39.1	40.8	41.4	41.1	40.6	41.9	41.8	40.6	41.3	40.8	42.1	41.5	1977	4.6	4.4	4.1	4.1	4.3	4.3	4.7	5.2	5.1	5.3	4.5	4.2	4.5
1978	40.1	39.3	39.7	40.3	39.8	39.8	41.7	41.4	40.8	39.5	40.0	39.8	39.5	1978	4.4	4.3	4.4	4.0	4.2	4.3	4.5	4.7	4.5	5.2	4.2	4.3	4.3
1979	39.8	38.8	39.8	40.6	40.0	39.5	40.5	40.8	40.5	39.4	39.1	38.9	39.7	1979	4.3	4.2	4.0	4.1	4.1	4.1	4.3	4.4	4.4	4.9	4.2	4.4	4.1
1980	39.7	38.3	38.6	38.8	38.9	39.9	40.6	40.6	40.7	40.0	40.1	40.2	39.8	1980	4.4	4.1	4.2	4.1	4.2	4.5	4.5	4.8	4.8	4.9	4.2	4.3	4.0
1981		38.6	38.9	39.5										1981		4.1	4.2	3.9									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	4.3	3.6	3.9	4.5	4.3	4.0	4.7	4.8	4.4	4.5	4.1	4.8	4.4	1977	253.1	204.6	208.5	214.4	217.2	217.7	252.5	273.0	349.3	358.0	272.5	245.7	224.2
1978	3.7	3.5	4.0	4.1	3.8	3.5	4.4	4.1	3.8	3.4	3.9	3.3	3.2	1978	254.5	214.4	216.7	225.1	218.7	220.4	243.0	267.3	330.2	342.5	281.6	256.9	237.1
1979	3.5	2.8	3.6	3.8	3.2	3.2	3.9	3.8	4.1	3.5	3.1	3.0	3.3	1979	260.7	220.8	222.2	227.6	223.6	231.5	248.9	272.4	343.0	356.7	292.5	254.1	235.4
1980	3.4	2.7	3.3	3.1	3.0	3.4	3.8	3.9	3.9	3.7	3.4	3.7	3.3	1980	256.3	221.8	220.4	222.7	217.6	222.4	235.7	268.7	350.9	354.2	284.5	249.8	226.4
1981		3.0	3.2	3.4										1981		211.8	213.3	214.8									

SIC 2026—FLUID MILK

ALL EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	121.3	122.0	121.2	121.2	121.4	121.8	123.2	122.7	122.6	121.3	120.0	119.8	118.8	1977	104.8	79.2	81.9	86.2	87.2	86.9	101.0	109.6	153.0	160.7	116.8	103.7	91.5
1978	115.8	117.9	116.9	117.3	116.9	116.7	117.3	116.5	116.2	115.0	113.9	112.8	112.3	1978	107.7	84.6	85.0	91.3	86.9	87.6	98.4	112.5	148.5	159.2	125.0	113.1	100.7
1979	108.4	111.3	110.1	109.6	109.5	109.5	110.2	109.8	108.6	107.0	105.9	105.1	104.4	1979	112.2	90.9	91.1	95.7	92.5	97.3	104.4	116.5	156.7	163.4	130.3	109.6	97.6
1980	102.1	103.5	102.2	101.8	101.8	102.3	102.9	102.9	102.9	101.9	101.1	100.7	100.6	1980	108.2	88.8	88.0	89.8	87.1	89.9	94.8	111.3	160.8	163.1	124.8	107.4	92.7
1981		99.6	99.3	99.5										1981		85.0	84.4	85.9									

WOMEN EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	19.4	19.1	19.0	19.2	19.4	19.5	20.0	19.8	19.7	19.6	19.4	19.4	19.1	1977	207.5	162.0	165.9	171.5	174.3	173.6	205.4	224.6	301.4	309.9	225.3	198.6	177.6
1978	18.9	18.6	18.6	18.9	19.0	19.2	19.4	19.3	19.3	18.8	18.6	18.5	18.4	1978	206.9	168.1	169.7	178.1	171.8	172.7	194.2	219.1	281.8	294.0	233.0	209.1	190.8
1979	17.8	18.2	17.8	17.9	17.9	18.0	18.1	18.1	18.1	17.7	17.6	17.4	17.3	1979	214.0	175.3	176.6	181.9	179.0	186.4	202.3	224.1	292.3	305.7	245.2	208.5	190.7
1980	17.4	17.2	17.1	17.1	17.2	17.6	17.8	17.7	17.7	17.5	17.3	17.2	17.1	1980	210.4	176.6	175.5	178.6	173.9	177.3	189.0	219.9	302.3	305.2	238.8	205.1	182.2
1981		17.0	17.0	16.9										1981		168.5	169.6	170.4									

PRODUCTION WORKERS—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	52.5	52.7	51.8	52.0	52.5	53.0	53.9	53.2	53.3	52.7	51.6	51.6	51.1	1977	180.57	168.52	175.11	173.18	173.96	172.67	171.61	178.94	196.49	195.53	179.54	180.30	182.78
1978	50.3	50.9	50.6	51.0	50.9	50.8	51.4	50.8	50.9	49.9	48.9	48.6	48.3	1978	193.66	180.16	187.23	186.47	187.75	188.24	186.50	191.00	209.04	204.22	197.18	193.66	198.53
1979	47.0	47.8	47.5	46.9	47.0	47.1	47.8	47.8	47.5	46.7	46.4	46.2	45.7	1979	211.53	198.64	201.49	203.70	198.81	207.82	202.69	208.59	222.40	229.07	212.61	211.46	218.18
1980	45.1	45.4	45.0	44.8	44.8	45.0	45.7	45.8	45.8	45.1	44.6	44.4	44.4	1980	232.05	220.35	218.30	219.08	216.58	222.30	218.42	232.20	256.05	246.00	232.05	232.41	241.70
1981		44.1	43.8	44.4										1981		249.60	247.43	243.08									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	235.64	226.18	226.37	227.42	230.72	231.44	234.79	242.46	240.55	243.31	239.57	241.36	246.78	1977	4.69	4.47	4.49	4.51	4.59	4.58	4.54	4.66	4.90	4.95	4.70	4.72	4.81
1978	253.04	243.96	243.53	241.96	245.34	248.04	251.50	257.57	255.25	263.16	258.92	263.30	265.40	1978	5.03	4.83	4.94	4.92	4.98	4.98	4.96	5.00	5.20	5.17	5.03	5.03	5.13
1979	274.30	264.81	262.92	262.92	265.41	268.77	271.93	277.33	276.22	287.71	279.97	288.23	289.33	1979	5.41	5.20	5.22	5.25	5.33	5.37	5.32	5.39	5.56	5.56	5.41	5.45	5.58
1980	299.48	283.56	286.60	286.60	290.91	297.35	302.60	306.31	303.74	311.18	304.80	309.96	308.48	1980	5.95	5.65	5.67	5.72	5.76	5.85	5.84	6.00	6.23	6.15	5.95	5.99	6.15
1981		308.84	311.58	312.42										1981		6.24	6.28	6.38									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.38	5.26	5.24	5.24	5.22	5.26	5.30	5.40	5.43	5.48	5.52	5.60	5.66	1977	38.5	37.7	39.0	38.4	37.9	37.7	37.8	38.4	40.1	39.5	38.2	38.2	38.0
1978	5.94	5.70	5.69	5.72	5.80	5.85	5.89	5.99	6.02	6.12	6.15	6.21	6.23	1978	38.5	37.3	37.9	37.9	37.7	37.8	37.6	38.2	40.2	39.5	39.2	38.5	38.7
1979	6.50	6.29	6.29	6.29	6.38	6.43	6.49	6.51	6.53	6.66	6.65	6.75	6.76	1979	39.1	38.2	38.6	38.8	37.3	38.7	38.1	38.7	40.0	41.2	39.3	38.8	39.1
1980	7.08	6.80	6.84	6.84	6.91	6.98	7.07	7.14	7.13	7.22	7.24	7.38	7.38	1980	39.0	39.0	38.5	38.3	37.6	38.0	37.4	38.7	41.1	40.0	39.0	38.8	39.3
1981		7.46	7.49	7.51										1981		40.0	39.4	38.1									

SIC 2026—FLUID MILK (Con.)

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MANUFACTURING

SIC 2033

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 203—PRESERVED FRUITS AND VEGETABLES (Con.)														SIC 2032—CANNED SPECIALTIES (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.7	2.7	3.4	2.6	2.8	2.7	3.2	3.9	5.6	5.4	3.5	3.1	2.9	1977	8.9	8.6	8.6	8.6	8.7	8.7	8.9	8.0	9.4	9.7	9.3	9.1	9.2
1978	3.7	2.9	3.5	2.7	2.6	2.8	3.0	3.8	5.4	5.1	4.0	3.3	3.1	1978	9.1	9.0	8.9	9.1	9.0	8.7	8.8	8.3	9.1	9.9	9.6	8.8	9.7
1979	3.8	2.9	3.0	2.8	2.2	2.7	2.8	3.9	5.4	6.1	4.3	3.6	3.6	1979	8.9	9.2	8.8	9.0	9.0	8.5	8.3	8.4	8.9	9.5	9.1	8.8	9.1
1980	3.9	3.8	2.9	3.0	2.7	2.5	2.8	4.2	6.2	5.2	4.1	3.5	3.2	1980	9.0	9.3	8.8	8.7	8.8	8.1	8.3	8.4	9.2	9.9	9.5	9.4	9.2
1981		4.1	3.8	2.9										1981		9.0	8.8	8.8									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	15.1	9.7	6.7	9.3	8.5	11.8	21.5	28.4	26.0	19.9	10.7	9.2	6.4	1977	19.1	19.2	18.7	18.7	18.4	18.5	18.5	18.2	20.8	21.3	19.1	19.1	19.1
1978	14.8	10.8	6.5	8.1	9.1	9.2	19.5	24.3	31.2	18.9	13.4	8.8	6.8	1978	18.4	18.6	18.3	18.5	18.0	17.6	17.7	17.4	18.5	19.7	19.0	18.2	18.7
1979	14.3	8.9	6.4	8.4	9.6	10.6	19.9	26.6	28.1	18.6	10.3	7.9	6.0	1979	17.8	17.9	17.0	17.5	17.6	16.6	16.4	16.7	18.4	19.7	18.5	18.0	18.7
1980	14.4	9.7	7.5	10.3	11.3	10.8	18.3	25.0	25.5	18.1	12.2	7.9	6.0	1980	18.5	18.7	17.9	18.0	17.7	16.8	17.3	17.3	19.2	20.4	19.6	19.5	19.3
1981		11.1	7.1	8.2										1981		18.8	18.7	18.2									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	10.0	4.2	3.8	5.0	5.9	8.2	16.1	18.9	19.6	13.8	6.3	4.4	3.6	1977	211.45	185.22	202.50	197.88	200.34	201.56	206.34	228.34	228.62	228.03	214.24	218.51	224.17
1978	9.4	3.6	3.5	4.4	5.4	5.9	12.0	15.7	21.6	14.2	8.1	5.0	4.0	1978	236.33	220.42	238.15	226.85	217.88	221.48	225.94	225.10	249.48	248.64	245.27	255.09	255.73
1979	9.2	4.3	3.2	4.2	5.3	5.8	12.4	17.5	20.3	12.7	7.2	5.0	3.8	1979	254.82	246.33	242.40	243.98	234.42	247.86	249.90	252.72	279.07	282.83	269.14	267.33	235.51
1980	8.0	4.2	3.3	4.4	4.9	4.9	11.5	14.8	17.0	10.4	7.5	3.6	2.0	1980	254.51	238.45	221.79	223.76	227.94	224.46	243.62	248.57	275.58	296.96	282.07	274.86	277.14
1981		3.6	2.9	3.0										1981		287.12	279.57	269.25									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.8	5.4	2.8	4.2	2.5	3.2	5.2	9.1	6.0	5.7	4.2	4.3	2.6	1977	5.17	4.90	5.00	5.10	5.15	5.09	5.12	5.36	5.28	5.23	5.20	5.24	5.35
1978	5.3	7.1	3.0	3.6	3.6	3.2	7.3	8.5	9.1	4.5	5.2	3.6	2.7	1978	5.75	5.35	5.63	5.56	5.53	5.65	5.72	5.67	5.94	5.92	5.91	5.96	6.06
1979	5.0	4.6	3.1	4.0	4.1	4.7	7.3	8.9	7.7	5.7	2.9	2.8	2.0	1979	6.20	5.95	6.06	5.98	5.98	6.09	6.14	6.24	6.49	6.37	6.23	6.29	6.47
1980	6.1	5.4	4.2	5.8	5.6	5.4	6.5	10.0	8.4	7.6	4.5	4.2	3.9	1980	6.68	6.41	6.43	6.43	6.55	6.45	6.62	6.81	7.03	6.89	6.70	6.77	6.86
1981		7.4	4.2	5.1										1981		7.16	7.15	7.03									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	14.4	9.1	6.6	9.5	9.9	8.4	11.2	15.7	14.9	26.4	20.9	15.0	15.2	1977	40.9	37.8	40.5	38.8	38.9	39.6	40.3	42.6	43.3	43.6	41.2	41.7	41.9
1978	14.0	10.3	6.4	8.7	11.3	9.5	12.5	12.1	15.5	22.6	20.4	15.0	16.6	1978	41.1	41.2	42.3	40.8	39.4	39.2	39.5	39.7	42.0	42.0	41.5	42.8	42.2
1979	14.1	9.2	8.4	9.3	10.6	8.8	12.3	11.7	15.2	20.5	23.7	15.3	17.8	1979	41.1	41.4	40.0	40.8	39.2	40.7	40.7	40.5	43.0	44.4	43.2	42.5	36.4
1980	15.0	10.3	9.9	9.4	12.1	11.0	9.4	12.9	13.8	22.2	27.5	17.0	17.7	1980	38.1	37.2	34.6	34.8	34.8	34.8	36.8	36.5	39.2	43.1	42.1	40.6	40.4
1981		13.5	8.5	9.2										1981		40.1	39.1	38.3									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	5.4	2.5	2.4	2.9	3.5	3.3	4.0	5.1	9.9	12.3	5.8	3.6	2.5	1977	4.3	3.2	4.8	2.8	2.9	3.1	3.4	5.1	6.0	6.2	4.3	4.3	4.8
1978	5.7	2.2	2.5	3.0	3.7	3.5	3.9	5.0	10.8	12.5	7.0	4.7	3.1	1978	5.1	5.0	7.4	3.6	2.8	3.9	2.9	3.2	5.6	6.4	5.9	7.2	6.4
1979	5.4	3.0	3.1	3.2	3.2	3.6	3.9	4.7	9.5	10.6	8.0	4.2	2.7	1979	5.6	5.8	4.9	4.3	3.6	3.7	3.5	3.4	6.7	8.2	7.4	6.6	7.9
1980	4.2	3.0	2.6	2.8	2.8	3.1	3.4	3.7	7.6	7.9	5.2	3.1	1.7	1980	5.6	9.1	4.3	3.6	3.7	3.5	3.8	4.0	6.5	8.7	7.5	6.2	5.5
1981		2.3	2.2	1.7										1981		6.4	5.8	3.6									
LAYOFFS PER 100 EMPLOYEES														SIC 2033—CANNED FRUITS AND VEGETABLES													
1977	7.7	5.6	3.3	5.2	5.1	4.1	6.2	9.7	3.6	12.3	12.9	10.4	11.7	ALL EMPLOYEES—IN THOUSANDS													
1978	7.2	7.1	3.1	4.6	6.4	5.0	7.6	6.2	3.5	8.5	12.0	9.3	12.4	1977	103.9	68.3	71.7	72.1	73.8	76.6	98.8	125.3	190.3	193.2	112.9	90.0	74.0
1979	7.5	5.1	4.2	5.1	6.4	4.1	7.3	5.9	4.5	7.9	14.2	9.9	14.1	1978	98.6	70.7	70.7	74.3	72.9	75.5	87.1	110.9	165.5	170.2	110.2	93.6	81.1
1980	9.5	6.1	6.1	5.4	7.9	6.8	5.1	8.0	4.8	12.9	20.8	13.0	15.2	1979	104.3	74.3	70.0	77.1	73.9	80.6	89.1	114.1	177.2	185.7	124.0	96.9	82.2
1981		10.2	5.5	6.6										1980	105.2	76.6	76.9	75.5	75.6	77.9	83.0	118.7	189.1	192.0	121.7	94.9	80.6
														1981		72.5	73.3	73.7									
ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	26.6	25.8	25.5	25.4	24.5	25.9	26.2	25.6	28.8	29.3	27.1	27.2	27.6	1977	39.7	21.1	23.1	23.5	24.3	25.3	33.6	47.4	84.8	88.6	45.0	33.9	25.6
1978	26.5	27.2	26.9	27.0	26.4	25.6	25.5	25.1	26.1	27.7	26.8	26.3	26.9	1978	38.5	23.4	22.1	24.5	23.7	24.9	29.5	43.5	76.2	79.5	45.6	38.1	30.4
1979	25.4	26.0	24.8	25.4	25.2	24.1	23.8	24.4	26.0	27.3	26.1	25.6	26.1	1979	42.1	26.2	27.0	27.7	25.4	29.0	31.5	45.4	82.6	86.8	53.6	39.3	30.2
1980	25.3	26.0	25.0	24.7	24.5	23.5	23.8	24.1	26.0	27.1	26.3	26.3	26.2	1980	43.2	26.9	26.9	26.6	26.9	27.1	28.2	47.5	90.7	92.7	54.1	40.0	31.0
1981		25.6	25.5	25.1										1981		26.7	26.2	26.3									

See footnotes at end of tables.

SIC 2033
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 2033—CANNED FRUITS AND VEGETABLES (Con.)

PRODUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
														86.8	80.6	86.8	88.1	86.3
														52.2	54.1	58.0	60.9	56.3
														55.9	53.7	60.1	61.1	57.1
														56.0	57.2	60.1	60.1	57.3
														57.8	55.9	57.4	60.2	
														60.7	57.4	63.8	61.1	
														81.5	68.0	71.5	64.5	
														105.8	92.3	95.3	99.2	
														172.1	147.3	157.3	169.6	
														174.8	151.2	164.5	172.4	
														95.0	91.0	106.8	104.8	
														72.4	75.4	80.8	78.5	
														57.4	64.2	66.3	64.6	

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
														186.73	195.71	211.62	239.73	250.83
														174.46	175.58	196.18	219.07	253.11
														180.50	187.54	203.58	224.83	253.37
														181.42	189.25	203.52	226.56	
														180.58	192.00	200.91	222.85	
														177.94	189.07	210.14	231.11	
														170.17	182.59	197.64	221.43	
														182.13	189.75	203.90	243.49	
														206.92	215.34	223.57	272.61	
														203.30	209.08	231.57	253.89	
														177.75	191.39	204.61	222.85	
														172.98	186.82	202.61	225.17	
														176.41	195.32	219.74	244.84	

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
														4.85	5.11	5.44	6.10	
														4.64	4.96	5.19	5.69	
														4.64	5.11	5.22	5.75	
														4.79	5.02	5.30	5.90	
														4.72	5.11	5.43	5.88	
														4.55	5.03	5.40	6.05	
														4.67	5.06	5.38	6.05	
														5.16	5.37	5.66	6.18	
														5.16	5.24	5.58	6.30	
														4.74	4.92	5.26	5.88	
														4.65	4.84	5.29	5.91	
														4.82	5.06	5.62	6.23	

PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
														38.5	38.3	38.9	39.3	
														37.6	35.4	37.8	38.5	
														38.9	36.7	39.0	39.5	
														39.1	37.7	38.4	38.1	
														37.7	37.5	37.0	37.9	
														37.4	36.3	36.6	36.6	
														39.0	37.5	37.9	39.4	
														40.1	40.1	39.5	42.2	
														39.4	39.9	41.5	40.3	
														37.5	38.9	38.9	37.9	
														37.2	38.6	38.3	38.1	
														36.6	38.6	39.1	39.3	

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1977	1978	1979	1980	1981
														4.3	4.2	4.3	4.3	
														2.8	2.3	2.7	2.7	
														3.5	2.8	2.3	2.8	
														3.0	2.8	2.8	2.5	
														3.1	3.0	2.7	2.8	
														2.9	2.8	2.5	2.7	
														3.7	3.0	2.6	2.7	
														4.7	4.3	4.7	5.3	
														6.3	6.2	6.1	7.3	
														5.9	6.1	7.1	5.8	
														3.5	4.6	4.4	4.1	
														3.2	3.6	3.2	3.2	
														2.6	3.1	2.8	2.7	

SIC 2037—FROZEN FRUITS AND VEGETABLES

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
														49.0	50.7	51.5	46.8	
														40.7	44.2	45.3	43.8	
														42.1	47.0	45.7	43.3	
														47.8	51.0	49.7	47.0	
														49.6	47.1	49.6	43.9	
														49.3	46.9	49.6	46.0	
														52.0	53.2	51.6	49.4	
														46.0	49.0	55.4	44.8	
														51.5	49.8	54.6	50.7	
														55.2	57.6	56.2	49.8	
														53.3	55.0	52.2	53.1	
														52.1	49.2	48.2	48.2	
														48.9	50.5	49.2	42.0	

WOMEN EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
														22.7	24.4	25.3	20.7	
														18.0	19.6	21.6	19.2	
														18.9	21.6	21.9	19.4	
														22.8	24.8	25.1	21.5	
														23.0	22.1	24.6	19.6	
														23.2	21.7	26.1	21.5	
														24.5	25.7	28.3	22.7	
														20.2	22.7	25.2	18.8	
														22.5	23.3	26.2	22.1	
														25.4	28.4	27.6	21.5	
														25.2	28.9	27.8	22.9	
														25.8	28.4	25.6	21.6	
														23.4	25.0	23.4	18.1	

PRODUCTION WORKERS—IN THOUSANDS													
1977	42.3	34.4	35.7	41.3	42.7	42.5	45.0	39.1	44.7	48.1	46.3	45.3	42.2
1978	43.8	37.3	40.0	44.1	40.3	40.0	46.1	42.0	42.6	50.0	50.7	48.1	43.9
1979	44.7	38.4	38.9	43.1	43.2	45.2	48.7	44.7	47.1	49.9	49.1	45.3	42.6
1980	40.4	37.2	36.8	40.7	37.5	39.7	42.8	37.9	44.2	43.3	46.4	42.0	35.8
1981		33.4	34.9	36.2									

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 204—GRAIN MILL PRODUCTS (Con.)														SIC 204—GRAIN MILL PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.81	5.59	5.64	5.65	5.70	5.72	5.75	5.81	5.84	5.93	5.90	6.06	6.15	1977	1.1	1.1	1.1	1.0	1.2	0.8	0.8	0.8	0.7	1.2	1.1	1.6	1.6
1978	6.33	6.14	6.13	6.16	6.20	6.22	6.22	6.28	6.35	6.49	6.50	6.53	6.65	1978	1.1	1.2	1.4	1.5	1.2	.8	.9	.6	.7	.9	1.1	1.6	1.1
1979	6.88	6.56	6.58	6.57	6.60	6.76	6.76	6.88	6.96	7.02	7.10	7.29	7.42	1979	1.1	1.0	.6	.9	1.3	1.1	1.1	.7	.7	.8	1.8	1.8	1.1
1980	7.65	7.33	7.37	7.41	7.55	7.55	7.66	7.70	7.75	7.74	7.80	7.96	7.99	1980	1.5	1.8	1.2	1.6	1.8	1.7	1.3	1.3	.9	1.0	1.8	1.8	1.0
1981		7.95	7.93	7.95										1981		1.9	1.8	2.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2041—FLOUR AND OTHER GRAIN MILL PRODUCTS													
1977	43.5	43.0	43.7	43.2	42.8	43.2	43.8	43.7	43.5	43.8	43.3	43.9	44.2	ALL EMPLOYEES—IN THOUSANDS													
1978	43.6	42.4	42.9	43.3	42.5	42.1	43.4	44.2	44.1	44.3	44.3	44.0	45.0	1977	24.8	23.6	24.3	24.3	24.5	24.5	24.9	24.8	25.1	25.1	25.2	25.4	25.5
1979	43.4	43.6	43.2	43.2	41.8	42.5	43.2	43.9	43.7	43.8	43.7	44.1	44.6	1978	25.4	25.6	25.8	25.9	25.5	25.1	25.7	25.3	25.1	25.2	25.3	25.1	25.3
1980	43.2	43.2	42.6	42.8	42.0	42.0	43.0	43.3	43.2	44.2	44.1	43.4	43.9	1979	25.7	25.0	24.9	24.8	25.2	25.2	25.6	25.9	26.1	25.8	26.3	26.6	27.0
1981		42.6	42.0	41.8										1980	27.0	26.8	26.6	26.6	26.3	26.3	26.0	27.0	27.5	27.8	27.5	27.8	27.9
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		27.6	27.5	27.5									
1977	6.1	6.4	6.6	5.7	5.7	5.8	5.8	6.0	5.9	6.7	6.3	6.4	6.3	PRODUCTION WORKERS—IN THOUSANDS													
1978	6.3	6.3	6.3	6.1	5.8	5.2	5.7	6.4	6.4	7.1	7.0	6.2	6.8	1977	16.3	15.1	16.1	16.1	16.2	16.0	16.4	16.3	16.5	16.5	16.6	16.7	16.7
1979	6.1	6.5	6.2	6.0	4.9	5.3	5.6	6.4	6.3	6.8	6.5	6.7	6.6	1978	16.1	16.4	16.4	16.5	16.3	15.9	16.3	15.9	15.7	15.9	15.9	16.0	16.1
1980	5.8	6.2	5.8	5.7	5.3	4.8	5.5	5.8	5.7	6.4	6.3	5.9	5.9	1979	16.1	15.9	15.6	15.5	15.7	15.7	16.0	16.1	16.2	16.0	16.4	16.6	16.9
1981		5.7	5.2	4.9										1980	16.3	16.7	16.4	16.4	16.2	16.1	15.0	16.0	16.2	16.6	16.4	16.5	17.0
ACCESSIONS PER 100 EMPLOYEES														1981		17.1	16.9	17.1									
1977	3.5	3.1	2.8	2.5	2.9	5.0	4.5	3.7	4.4	4.1	3.7	3.2	2.7	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.0	3.5	3.6	4.0	3.4	4.5	4.6	4.3	4.3	4.7	4.3	3.4	3.1	1977	281.27	258.33	277.65	275.42	276.12	268.08	271.56	277.52	283.41	293.26	292.34	306.40	295.68
1979	4.0	4.0	3.7	3.2	3.2	5.5	5.1	4.2	4.2	4.4	4.5	3.1	2.5	1978	307.56	285.25	284.99	295.60	289.61	287.95	288.63	304.40	315.79	330.62	335.59	341.29	333.22
1980	3.3	3.2	2.7	2.9	2.8	4.4	4.8	3.9	3.9	3.8	2.8	2.4	2.1	1979	325.06	304.41	310.36	303.79	296.42	305.92	311.64	327.36	329.10	346.86	352.97	359.95	352.94
1981		3.1	2.7	2.4										1980	351.72	328.99	325.02	328.24	322.58	334.02	342.14	360.96	365.44	373.03	375.41	386.31	378.54
NEW HIRES PER 100 EMPLOYEES														1981		356.80	355.64	353.87									
1977	2.6	2.3	2.1	1.9	1.7	3.0	3.2	2.8	3.4	3.4	2.8	2.4	2.1	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	3.1	2.7	2.6	2.9	2.5	2.9	3.8	3.5	3.6	3.8	3.7	3.0	2.2	1977	6.01	5.69	5.87	5.86	5.85	5.79	5.84	5.93	6.03	6.20	6.22	6.41	6.40
1979	2.9	3.1	2.6	2.3	2.4	3.4	4.0	3.1	3.3	3.4	3.3	2.2	1.8	1978	6.73	6.41	6.39	6.44	6.45	6.50	6.53	6.69	6.85	7.11	7.08	7.17	7.12
1980	2.2	2.3	1.8	1.9	2.0	2.3	2.8	2.4	2.8	3.0	2.2	1.8	1.5	1979	7.16	6.95	6.99	6.92	6.83	6.89	6.91	7.04	7.17	7.38	7.51	7.61	7.59
1981		2.0	1.8	1.6										1980	7.73	7.36	7.37	7.46	7.59	7.54	7.62	7.83	7.91	7.92	7.92	8.15	8.02
RECALLS PER 100 EMPLOYEES														1981		8.00	8.01	7.97									
1977	.7	.5	.5	.5	.9	1.7	1.0	.7	.9	.4	.7	.7	.4	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	.8	.7	.8	.9	.7	1.5	.8	.7	.6	.7	.5	.4	.8	1977	46.8	45.4	47.3	47.0	47.2	46.3	46.5	46.8	47.0	47.3	47.0	47.8	46.2
1979	.9	.7	.9	.7	.6	1.9	.9	.9	.8	1.0	1.0	.7	.6	1978	45.7	44.5	44.6	45.9	44.9	44.3	44.2	45.5	46.1	46.5	47.4	47.6	46.8
1980	.9	.7	.7	.7	.7	1.9	1.9	1.3	.8	.7	.5	.4	.4	1979	45.4	43.8	44.4	43.9	43.4	44.4	45.1	46.5	45.9	47.0	47.0	47.3	46.5
1981		.8	.8	.6										1980	45.5	44.7	44.1	44.0	42.5	44.3	44.9	46.1	46.2	47.1	47.4	47.4	47.2
SEPARATIONS PER 100 EMPLOYEES														1981		44.6	44.4	44.4									
1977	3.7	3.3	3.3	3.2	3.4	3.4	3.4	3.4	4.8	4.7	3.8	3.9	3.8	PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1978	4.0	3.7	3.9	4.3	4.4	3.8	3.8	3.3	4.8	4.4	4.4	4.5	3.0	1977	6.9	6.9	7.7	7.1	7.2	5.9	6.2	6.3	6.6	7.5	7.5	7.7	6.6
1979	4.0	4.2	3.4	3.8	4.2	3.9	4.0	3.4	4.5	4.0	5.0	4.0	3.2	1978	6.9	6.3	6.6	6.7	6.0	5.3	5.8	6.6	6.8	8.2	8.7	8.1	7.8
1980	3.7	4.2	3.4	3.9	4.1	4.1	3.4	3.7	4.2	3.6	3.8	3.4	2.8	1979	7.3	6.3	6.5	6.9	5.9	6.3	6.7	8.2	7.3	8.6	8.4	8.6	7.5
1981		4.0	3.6	4.1										1980	6.3	6.5	5.8	5.4	5.4	5.2	5.7	6.8	6.5	7.7	7.1	7.1	6.8
QUITS PER 100 EMPLOYEES														1981		5.9	6.0	5.1									
1977	1.9	1.5	1.4	1.5	1.4	1.8	1.9	1.9	3.4	2.6	1.9	1.6	1.5	SIC 2048—PREPARED FEEDS, NEC													
1978	2.2	1.7	1.7	2.0	2.2	2.3	2.3	2.0	3.3	2.7	2.5	2.1	1.3	ALL EMPLOYEES—IN THOUSANDS													
1979	2.1	2.2	1.9	2.1	2.1	2.1	2.2	1.9	3.1	2.4	2.4	1.5	1.5	1977	58.2	56.3	56.9	55.9	56.3	57.1	58.5	59.5	59.8	60.0	59.6	59.2	59.0
1980	1.5	1.6	1.4	1.5	1.6	1.7	1.5	1.5	2.3	1.9	1.3	1.0	1.1	1978	58.9	58.6	58.7	58.4	58.2	58.8	59.7	59.1	59.3	59.0	59.1	58.9	59.2
1981		1.3	1.1	1.3										1979	58.4	59.1	59.0	58.3	57.6	57.6	58.8	59.0	58.4	58.2	58.3	58.2	58.3

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2048—PREPARED FEEDS, NEC (Con.)														SIC 205—BAKERY PRODUCTS (Con.)													
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION WORKERS—IN THOUSANDS													
1980	57.4	58.2	57.4	57.5	56.4	56.3	57.5	56.7	57.5	58.2	58.2	57.1	57.6	1977	136.3	134.5	132.8	133.3	133.8	135.1	136.4	136.6	138.4	139.4	138.6	138.2	138.2
1981		57.9	57.1	56.1										1978	136.4	136.9	134.7	135.7	135.6	137.4	137.3	137.5	136.9	136.5	136.7	135.7	
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	35.8	34.0	34.6	34.1	34.2	35.1	36.5	37.1	37.3	37.2	36.7	36.7	36.5	1977	217.72	206.36	209.04	209.72	210.75	214.03	218.35	220.89	220.97	223.79	224.58	228.10	228.49
1978	37.1	36.3	36.6	36.4	36.3	36.9	37.7	37.2	37.4	37.6	37.7	37.5	37.7	1978	233.61	221.18	223.49	226.98	226.40	230.89	234.23	235.80	236.38	239.68	237.78	242.97	242.35
1979	38.5	38.0	38.0	37.5	38.0	38.1	39.4	39.3	39.2	38.9	38.8	38.7	38.6	1979	253.10	235.75	240.38	243.18	242.95	247.94	252.20	254.80	254.53	261.97	262.39	270.28	268.91
1980	37.4	38.7	37.3	37.3	36.2	36.2	37.4	36.7	37.4	38.2	38.2	37.1	37.5	1980	278.31	263.58	265.73	267.26	267.72	278.78	280.08	281.74	280.62	287.12	284.90	291.80	294.84
1981		37.6	37.0	36.7										1981		288.80	291.46	292.60									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	200.81	196.02	196.45	194.23	196.27	195.53	201.52	200.94	196.23	203.78	202.53	206.35	216.23	1977	5.54	5.36	5.36	5.35	5.39	5.46	5.50	5.55	5.58	5.68	5.70	5.76	5.77
1978	221.19	210.38	214.34	218.94	209.39	211.23	216.72	224.64	220.25	229.62	228.51	226.80	237.89	1978	5.99	5.76	5.79	5.82	5.82	5.89	5.96	6.00	6.03	6.13	6.16	6.23	6.23
1979	246.52	236.12	233.99	234.96	231.01	236.85	238.82	250.32	251.30	255.11	254.46	261.51	269.99	1979	6.54	6.27	6.26	6.30	6.36	6.44	6.50	6.55	6.56	6.70	6.78	6.86	6.86
1980	268.51	266.03	253.38	255.73	258.26	256.81	263.09	271.48	268.55	282.83	282.04	278.63	282.31	1980	7.21	6.90	6.92	6.96	6.99	7.13	7.20	7.28	7.27	7.40	7.40	7.54	7.56
1981		282.94	276.41	272.54										1981		7.58	7.61	7.60									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.67	4.58	4.59	4.57	4.64	4.59	4.58	4.63	4.65	4.75	4.71	4.81	4.87	1977	39.3	38.5	39.0	39.2	39.1	39.2	39.7	39.8	39.6	39.4	39.4	39.6	39.6
1978	5.05	4.95	4.95	5.01	4.95	4.97	4.87	4.97	5.04	5.16	5.17	5.19	5.31	1978	39.0	38.4	38.6	39.0	38.9	39.2	39.3	39.3	39.2	39.1	38.6	39.0	38.9
1979	5.59	5.33	5.33	5.34	5.41	5.47	5.44	5.60	5.66	5.72	5.77	5.93	6.04	1979	38.7	37.6	38.4	38.6	38.2	38.5	38.8	38.9	38.8	39.1	38.7	39.4	39.2
1980	6.23	6.06	5.99	6.06	6.12	6.10	6.09	6.17	6.26	6.37	6.41	6.51	6.55	1980	38.6	38.2	38.4	38.4	38.3	39.1	38.9	38.7	38.6	38.8	38.5	38.7	39.0
1981		6.58	6.55	6.52										1981		38.1	38.3	38.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	43.0	42.8	42.8	42.5	42.3	42.6	44.0	43.4	42.2	42.9	43.0	42.9	44.4	1977	3.4	3.0	3.1	3.2	3.3	3.4	3.4	3.6	3.5	3.6	3.6	3.6	3.6
1978	43.8	42.5	43.3	43.7	42.3	42.5	44.5	45.2	43.7	44.5	44.2	43.7	44.8	1978	3.4	2.9	3.4	3.3	3.3	3.7	3.6	3.5	3.4	3.6	3.2	3.5	3.3
1979	44.1	44.3	43.9	44.0	42.7	43.3	43.9	44.7	44.4	44.6	44.1	44.1	44.7	1979	3.3	2.8	3.1	3.2	3.0	3.4	3.4	3.5	3.2	3.6	3.1	3.7	3.4
1980	43.1	43.9	42.3	42.2	42.2	42.1	43.2	44.0	42.9	44.4	44.0	42.8	43.1	1980	3.3	2.9	3.0	3.1	3.1	3.2	3.4	3.4	3.3	3.5	3.3	3.6	3.4
1981		43.0	42.2	41.8										1981		3.0	3.0	2.8									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	6.1	6.2	5.9	5.3	5.3	5.7	6.4	6.2	5.7	6.4	6.3	6.3	6.8	1977	3.1	2.3	2.9	2.8	3.0	3.9	4.5	3.4	4.0	3.8	2.5	2.3	2.1
1978	6.6	6.6	6.9	7.0	5.7	5.8	6.7	7.3	6.6	7.4	6.8	6.0	6.8	1978	3.2	2.3	2.3	3.0	3.0	4.3	4.4	3.2	3.7	4.0	2.9	2.6	2.0
1979	6.5	7.0	6.5	6.2	5.4	5.7	6.1	7.1	6.6	7.3	6.7	6.5	6.6	1979	3.4	3.5	2.4	3.0	3.6	4.5	4.7	3.9	3.7	4.1	3.1	2.6	1.8
1980	6.1	6.7	5.7	5.5	5.8	5.3	6.2	6.9	6.3	7.0	6.5	5.8	6.0	1980	2.8	1.9	2.1	2.6	2.5	3.9	4.0	3.0	3.4	3.0	3.0	2.0	1.9
1981		6.2	5.4	5.1										1981		2.2	2.1	2.2									
SIC 205—BAKERY PRODUCTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	235.8	233.4	231.8	232.0	232.8	234.4	236.1	236.2	238.4	239.3	238.8	238.0	238.2	1977	2.5	1.6	1.7	2.1	2.5	3.4	3.6	2.9	3.4	3.3	2.2	1.8	1.5
1978	234.3	235.9	231.8	233.2	233.4	232.8	235.8	235.4	234.9	234.9	234.5	234.9	233.5	1978	2.6	1.7	1.8	2.3	2.6	3.6	3.9	2.9	3.4	3.3	2.5	2.1	1.5
1979	231.2	232.3	230.5	232.0	231.8	231.4	232.4	231.4	231.3	230.3	231.7	230.6	228.9	1979	2.8	2.2	1.9	2.5	3.1	3.9	4.1	3.5	3.3	3.5	2.7	2.0	1.2
1980	225.9	226.5	224.2	224.6	224.8	225.7	226.6	227.6	227.1	226.2	225.9	226.3	224.8	1980	2.2	1.4	1.6	2.1	2.1	3.1	3.0	2.3	2.9	2.6	2.2	1.7	1.2
1981		221.8	220.8	220.8										1981		1.4	1.4	1.6									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	61.6	59.8	59.0	59.7	60.6	60.3	60.3	61.1	63.0	64.3	64.1	63.7	62.9	1977	.5	.5	1.1	.7	.4	.5	.7	.5	.3	.3	.2	.4	.4
1978	62.8	62.4	61.9	62.6	63.1	62.5	63.0	62.9	62.6	63.4	63.1	63.5	62.4	1978	.4	.5	.4	.6	.3	.6	.4	.2	.2	.5	.2	.4	.5
1979	61.7	62.1	61.6	62.2	62.2	61.9	62.2	61.3	61.3	61.2	62.4	61.3	60.9	1979	.5	.8	.4	.4	.4	.5	.5	.3	.3	.5	.4	.4	.6
1980	59.1	59.9	58.9	59.7	59.4	59.3	58.8	58.8	59.2	59.1	59.2	58.9	58.0	1980	.5	.4	.4	.4	.3	.6	.8	.7	.4	.4	.5	.3	.5
1981		57.0	56.8	57.3										1981		.8	.6	.4									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 205—BAKERY PRODUCTS (Con.)														SIC 2051—BREAD, CAKE, AND RELATED PRODUCTS (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.1	4.1	2.4	2.3	2.8	3.2	2.8	3.0	3.9	4.1	3.2	2.9	2.5	1977	39.3	38.4	38.9	39.1	39.2	39.3	39.8	40.0	39.5	39.5	39.1	39.3	39.4
1978	3.1	2.4	2.4	2.4	3.1	3.0	3.1	3.2	4.0	4.0	3.8	3.0	2.8	1978	38.8	38.1	38.8	38.6	38.8	39.2	39.3	39.3	39.0	39.0	38.3	38.6	38.6
1979	3.4	3.4	2.6	3.1	3.4	3.5	3.9	3.2	4.4	4.6	3.5	3.1	2.5	1979	38.5	37.4	38.2	38.2	38.2	38.6	38.7	38.7	38.6	38.7	38.5	39.2	38.7
1980	2.8	2.8	2.5	2.6	2.6	3.2	3.1	2.6	3.5	3.6	2.7	2.5	2.3	1980	38.1	37.6	38.0	37.9	38.1	38.7	38.5	38.5	38.3	38.2	38.0	37.9	37.9
1981		3.0	2.2	2.3										1981		37.0	37.5	37.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.8	1.2	1.1	1.3	1.6	1.8	1.9	2.0	2.9	2.6	1.7	1.6	1.3	1977	3.7	3.3	3.4	3.4	3.5	3.9	3.9	4.1	4.0	4.0	3.7	3.8	3.8
1978	2.0	1.3	1.2	1.7	1.7	2.0	2.2	2.2	3.1	2.8	2.1	1.7	1.4	1978	3.7	3.2	3.6	3.5	3.5	4.2	4.0	4.0	3.7	4.1	3.5	3.9	3.7
1979	2.1	1.6	1.6	1.8	2.0	2.2	2.4	2.2	3.1	3.0	1.9	1.6	1.2	1979	3.7	3.1	3.4	3.5	3.6	3.9	3.8	3.9	3.5	4.0	3.4	4.3	3.7
1980	1.5	1.3	1.2	1.4	1.3	1.6	1.5	1.3	2.3	2.1	1.6	1.3	.8	1980	3.5	3.0	3.3	3.3	3.4	3.6	3.8	3.8	3.6	3.7	3.5	3.7	3.4
1981		1.2	1.1	1.0										1981		2.9	3.0	2.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.8	2.3	.9	.5	.6	.8	.3	.3	.3	.7	.9	.9	.6	1977	3.0	2.1	2.2	2.6	3.0	4.2	4.4	3.1	3.9	3.5	2.5	2.2	2.0
1978	.6	.6	.7	.2	.7	.5	.3	.4	.3	.5	1.0	.8	.9	1978	3.1	2.2	2.1	2.7	3.1	4.4	4.5	3.2	3.6	3.9	3.0	2.4	2.0
1979	.7	1.0	.5	.7	.6	.7	.6	.5	.5	.8	.9	.9	.8	1979	3.4	3.3	2.2	3.0	3.5	4.7	4.9	3.8	3.7	4.1	3.0	2.6	1.5
1980	.8	.8	.8	.6	.8	1.0	1.0	.6	.5	.8	.6	.8	1.0	1980	2.7	1.7	1.9	2.3	2.6	4.0	3.9	2.7	3.1	2.7	3.0	2.0	2.0
1981		1.2	.6	.6										1981		1.8	1.9	2.2									
SIC 2051—BREAD, CAKE, AND RELATED PRODUCTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	194.4	191.5	191.6	190.8	191.3	193.7	195.7	194.9	196.3	196.2	196.7	196.6	196.9	1977	2.6	1.7	1.8	2.2	2.7	3.8	3.9	2.8	3.5	3.2	2.3	1.9	1.6
1978	191.2	194.2	189.7	190.4	190.2	190.9	193.2	192.5	191.6	190.7	190.4	190.8	189.8	1978	2.8	1.8	1.8	2.4	2.8	4.0	4.2	3.0	3.4	3.5	2.7	2.1	1.6
1979	187.4	187.9	187.0	187.7	187.6	187.9	189.0	188.4	187.9	186.7	186.9	186.7	185.3	1979	2.9	2.3	1.9	2.6	3.1	4.2	4.4	3.5	3.4	3.7	2.7	2.1	1.3
1980	183.2	183.0	181.8	182.1	181.9	183.5	185.3	185.4	184.1	182.8	182.1	183.6	182.8	1980	2.3	1.4	1.6	2.0	2.3	3.5	3.3	2.4	2.8	2.5	2.3	1.8	1.4
1981		179.7	178.5	178.9										1981		1.5	1.5	1.7									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	41.9	40.6	40.5	40.4	40.9	41.4	41.6	40.7	42.4	43.2	43.5	43.8	43.4	1977	2.9	3.1	2.2	2.2	2.5	2.7	2.8	3.1	4.0	3.9	2.8	2.5	2.5
1978	42.3	42.5	41.8	42.1	42.4	42.6	42.5	42.5	42.0	42.3	42.2	42.6	42.1	1978	3.0	2.3	2.1	2.5	2.7	2.8	3.3	3.1	4.1	4.1	3.5	2.7	2.7
1979	41.2	41.4	41.1	41.5	41.4	41.7	41.7	41.1	41.0	40.9	41.1	40.9	40.6	1979	3.3	3.4	2.6	2.8	3.1	3.4	3.8	3.3	4.3	4.7	3.2	2.9	2.4
1980	39.3	39.6	39.2	39.6	39.3	39.7	39.8	39.5	39.3	38.8	38.6	39.2	38.8	1980	2.7	2.7	2.3	2.5	2.1	2.8	2.7	2.5	3.6	3.6	2.7	2.3	2.1
1981		37.6	37.8	38.1										1981		2.9	2.2	2.1									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	103.4	101.1	100.7	100.5	100.9	102.8	104.3	103.9	105.2	105.0	105.2	105.4	105.7	1977	1.9	1.3	1.1	1.4	1.7	2.0	2.1	2.1	3.1	2.7	1.8	1.7	1.4
1978	102.3	103.7	101.3	101.7	101.7	102.4	103.8	103.4	103.1	101.7	101.5	102.0	101.6	1978	2.1	1.4	1.3	1.8	1.8	2.1	2.4	2.3	3.2	3.0	2.3	1.8	1.5
1979	101.1	100.7	99.9	100.4	100.5	101.2	102.5	102.2	101.8	101.2	101.1	101.3	100.1	1979	2.1	1.8	1.7	1.8	2.0	2.3	2.5	2.3	3.2	3.2	2.0	1.6	1.3
1980	98.3	98.1	97.0	97.4	97.3	98.4	99.9	99.6	99.1	98.1	97.9	98.5	98.1	1980	1.6	1.3	1.3	1.5	1.4	1.7	1.6	1.4	2.4	2.3	1.7	1.4	.9
1981		95.3	94.5	94.4										1981		1.3	1.2	1.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	217.72	205.06	207.73	208.01	210.11	214.19	219.30	222.80	221.60	223.57	223.26	226.37	227.73	1977	.5	1.3	.7	.4	.3	.2	.2	.3	.3	.5	.4	.4	.6
1978	233.58	219.46	225.04	225.04	225.82	232.46	235.80	239.34	238.29	241.02	237.08	241.64	241.25	1978	.4	.4	.3	.2	.3	.2	.3	.2	.3	.5	.6	.4	.7
1979	253.72	234.87	240.28	241.42	243.72	250.51	253.87	256.97	255.92	260.84	263.73	271.26	268.19	1979	.5	.8	.4	.4	.4	.5	.4	.4	.4	.6	.6	.6	.6
1980	277.75	260.94	265.24	266.82	268.22	279.41	281.44	284.90	282.65	284.97	283.10	288.42	288.04	1980	.5	.7	.5	.5	.2	.5	.5	.4	.5	.7	.5	.4	.7
1981		281.20	286.88	286.51										1981		1.0	.5	.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS																											
1977	5.54	5.34	5.34	5.32	5.36	5.45	5.51	5.57	5.61	5.66	5.71	5.76	5.78	1977	.5	1.3	.7	.4	.3	.2	.2	.3	.3	.5	.4	.4	.6
1978	6.02	5.76	5.80	5.83	5.82	5.93	6.00	6.09	6.11	6.18	6.19	6.26	6.25	1978	.4	.4	.3	.2	.3	.2	.3	.2	.3	.5	.6	.4	.7
1979	6.59	6.28	6.29	6.32	6.38	6.49	6.56	6.64	6.63	6.74	6.85	6.92	6.93	1979	.5	.8	.4	.4	.4	.5	.4	.4	.4	.6	.6	.6	.6
1980	7.29	6.94	6.98	7.04	7.04	7.22	7.31	7.40	7.38	7.46	7.45	7.61	7.60	1980	.5	.7	.5	.5	.2	.5	.5	.4	.5	.7	.5	.4	.7
1981		7.60	7.65	7.62										1981		1.0	.5	.4									

See footnotes at end of tables.

SIC 2052

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2052—COOKIES AND CRACKERS														SIC 2052—COOKIES AND CRACKERS (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	41.4	41.9	40.2	41.2	41.5	40.7	40.4	41.3	42.1	43.1	42.1	41.4	41.3	1977	2.0	1.3	0.9	1.4	1.5	1.5	2.2	3.3	3.1	3.8	2.0	1.2	1.1
1978	43.1	41.7	42.1	42.8	43.2	41.9	42.6	42.9	43.3	44.2	44.1	44.1	43.7	1978	2.1	1.3	1.9	1.9	1.7	2.0	2.8	2.6	3.4	2.7	1.9	1.9	.9
1979	43.8	44.4	43.5	44.3	44.2	43.5	43.4	43.0	43.4	43.6	44.8	43.9	43.6	1979	2.3	1.6	1.9	2.1	3.0	2.5	2.8	3.5	3.1	2.5	2.5	1.7	.8
1980	42.7	43.5	42.4	42.5	42.9	42.2	41.3	42.2	43.0	43.4	43.8	42.7	42.0	1980	1.8	1.3	1.5	2.4	1.3	1.6	1.7	1.7	3.2	3.0	1.9	1.2	.5
1981		42.1	42.3	41.9										1981		1.0	.9	1.1									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	19.7	19.2	18.5	19.3	19.7	18.9	18.7	20.4	20.6	21.1	20.6	19.9	19.5	1977	1.7	1.7	5.1	2.3	1.5	1.2	2.7	1.7	1.0	1.0	.4	1.4	1.1
1978	20.5	19.9	20.1	20.5	20.7	19.9	20.5	20.4	20.6	21.1	20.9	20.9	20.3	1978	1.2	1.6	1.1	2.4	.6	1.9	1.2	.7	.8	1.6	.3	1.1	1.2
1979	20.5	20.7	20.5	20.7	20.8	20.2	20.5	20.2	20.3	20.3	21.3	20.4	20.3	1979	1.2	2.4	1.2	.8	1.0	.9	.9	.8	.5	1.5	1.0	.9	2.2
1980	19.8	20.3	19.7	20.1	20.1	19.6	19.0	19.3	19.9	20.3	20.6	19.7	19.2	1980	1.4	1.5	1.5	1.4	.7	1.5	2.4	2.6	1.1	1.2	1.1	.7	1.1
1981		19.4	19.0	19.2										1981		2.7	1.7	1.0									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	32.9	33.4	32.1	32.8	32.9	32.3	32.1	32.7	33.2	34.4	33.4	32.8	32.5	1977	4.2	8.7	3.5	2.6	4.0	5.7	2.7	2.6	3.4	5.0	5.2	5.0	2.3
1978	34.1	33.2	33.4	34.0	34.0	33.2	33.6	33.9	34.4	35.2	35.0	34.7	34.1	1978	3.6	3.1	3.8	2.1	4.6	3.8	2.4	3.5	3.6	3.5	5.0	4.4	3.2
1979	34.3	34.9	34.3	35.1	34.9	33.9	33.9	33.6	33.7	34.0	35.1	34.2	33.7	1979	3.9	3.2	2.7	4.3	4.5	3.7	4.3	3.0	4.8	4.2	4.7	4.2	2.8
1980	33.3	33.6	32.8	33.0	33.4	32.7	31.9	32.7	33.8	34.3	34.9	33.5	33.0	1980	3.6	3.1	3.6	3.0	4.8	5.0	4.9	3.0	3.0	3.6	2.5	3.4	3.3
1981		33.2	33.3	32.8										1981		3.5	2.1	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	219.62	208.83	213.25	214.24	211.69	214.18	214.82	217.09	218.10	225.01	227.93	234.09	233.28	1977	1.3	.9	1.0	.9	1.2	1.1	1.1	1.5	2.2	2.3	1.4	1.0	1.1
1978	232.07	225.40	219.08	232.76	227.56	226.97	228.91	224.43	231.05	234.23	239.16	247.85	246.98	1978	1.5	.8	1.0	1.3	1.4	1.4	1.5	1.6	2.4	2.1	1.5	1.4	1.0
1979	251.13	236.98	240.79	246.48	239.65	240.91	249.40	248.22	250.98	263.71	259.91	267.07	271.21	1979	1.7	1.0	1.2	1.6	2.1	1.5	2.1	1.7	2.8	2.1	1.7	1.6	.7
1980	281.10	271.88	265.16	268.93	266.08	277.26	274.80	270.87	274.53	291.28	291.60	303.97	313.65	1980	1.1	1.3	1.0	1.1	1.0	.9	1.0	1.0	1.8	1.5	1.1	.7	.5
1981		311.33	306.47	308.39										1981		.8	.7	.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.56	5.41	5.44	5.41	5.47	5.52	5.48	5.51	5.48	5.74	5.67	5.78	5.76	1977	2.2	6.9	1.8	1.1	2.1	3.9	1.0	.5	.3	1.7	3.2	3.4	.8
1978	5.89	5.75	5.75	5.79	5.82	5.79	5.81	5.74	5.82	5.96	6.07	6.15	6.19	1978	1.5	1.7	2.3	.2	2.5	1.7	.3	1.2	.4	.7	2.6	2.5	1.6
1979	6.39	6.22	6.19	6.24	6.29	6.29	6.33	6.30	6.37	6.56	6.58	6.66	6.68	1979	1.5	1.7	.9	2.0	1.2	1.4	1.3	.7	1.1	1.5	2.3	2.1	1.4
1980	7.01	6.78	6.73	6.74	6.84	6.88	6.87	6.91	6.95	7.21	7.29	7.36	7.45	1980	1.9	1.3	1.9	1.0	3.1	3.4	3.2	1.3	.5	1.4	.8	2.3	2.4
1981		7.52	7.53	7.54										1981		2.1	1.0	1.7									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 206—SUGAR AND CONFECTIONERY PRODUCTS													
1977	39.5	38.6	39.2	39.6	38.7	38.8	39.2	39.4	39.8	39.2	40.2	40.5	40.5	ALL EMPLOYEES—IN THOUSANDS													
1978	39.4	39.2	38.1	40.2	39.1	39.2	39.4	39.1	39.7	39.3	39.4	40.3	39.9	1977	111.3	119.9	114.0	107.6	103.8	104.3	104.3	103.3	105.7	111.0	124.5	118.7	118.8
1979	39.3	38.1	38.9	39.5	38.1	38.3	39.4	39.4	39.4	40.2	39.5	40.1	40.6	1978	110.4	113.8	109.5	105.9	104.8	102.6	103.0	101.3	106.9	112.3	121.6	121.7	120.9
1980	40.1	40.1	39.4	39.9	38.9	40.3	40.0	39.2	39.5	40.4	40.0	41.3	42.1	1979	110.2	114.6	108.3	106.7	103.6	102.2	103.7	100.9	108.4	111.7	122.1	121.7	118.3
1981		41.4	40.7	40.9										1980	106.7	112.5	110.2	104.7	97.8	97.9	99.0	97.4	105.3	107.7	118.9	113.9	115.0
														1981		111.1	109.7	102.9									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.4	2.0	2.3	2.4	2.6	1.9	1.7	2.1	2.2	2.5	3.1	2.8	2.7	1977	38.7	39.3	38.2	37.5	35.6	35.0	35.0	35.5	36.8	39.9	45.0	43.7	42.3
1978	2.3	2.0	2.6	2.8	2.5	2.1	2.2	1.9	2.4	2.4	2.4	2.4	2.3	1978	40.2	40.2	38.9	37.6	36.7	35.9	36.6	36.6	38.9	43.0	46.9	45.8	45.8
1979	2.1	1.8	2.1	2.3	1.5	1.8	2.1	2.1	2.3	2.5	2.3	2.0	2.5	1979	43.4	42.9	41.0	40.7	39.2	38.9	39.8	39.4	43.7	45.8	50.2	50.5	48.5
1980	2.6	2.6	2.3	2.6	2.1	2.1	2.2	2.2	2.4	2.9	2.8	3.2	3.3	1980	42.5	45.0	43.8	41.5	38.5	37.9	37.5	37.7	42.6	44.2	49.1	45.6	46.3
1981		3.2	2.9	2.8										1981		44.1	43.4	40.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.8	3.0	6.4	3.7	3.1	2.7	5.0	5.1	4.2	4.9	2.6	2.7	2.3	1977	85.4	93.1	87.8	81.4	78.4	78.2	78.0	77.4	79.8	85.4	98.3	93.9	93.2
1978	3.4	3.0	3.1	4.4	2.4	4.0	4.1	3.3	4.4	4.5	2.3	3.3	2.2	1978	84.3	87.9	83.6	80.0	78.9	76.9	77.2	75.7	80.8	86.3	95.5	94.7	94.5
1979	3.7	4.1	3.2	3.1	4.2	3.5	3.9	4.6	3.8	4.1	3.6	2.7	3.1	1979	83.2	88.3	82.0	80.5	76.7	75.1	76.2	74.1	81.6	84.6	94.3	94.0	91.0
1980	3.3	2.9	3.1	4.0	2.1	3.3	4.3	4.4	4.5	4.3	3.1	2.0	1.6	1980	79.6	85.3	82.9	77.2	71.3	71.2	72.4	71.4	78.6	80.9	90.9	86.0	86.9
1981		3.8	2.7	2.3										1981		83.8	83.0	76.4									

See footnotes at end of tables.

MANUFACTURING

SIC 2061-3

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 206—SUGAR AND CONFECTIONERY PRODUCTS (Con.)														SIC 206—SUGAR AND CONFECTIONERY PRODUCTS (Con.)														
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	203.30	194.72	197.21	203.31	200.43	201.24	205.01	205.39	211.47	211.20	200.07	201.11	208.82	1977	2.0	1.9	1.5	1.5	1.4	1.4	1.4	2.0	3.1	2.5	2.3	2.4	2.5	
1978	219.91	205.52	204.92	217.33	214.79	219.13	221.09	223.79	225.19	227.66	226.63	227.03	227.03	1978	2.4	1.9	1.6	1.7	1.6	1.7	2.1	1.8	4.2	3.6	2.6	2.7	2.6	
1979	237.34	225.43	226.38	231.21	224.17	235.35	239.77	237.39	241.74	241.38	241.74	249.82	251.25	1979	2.1	2.5	1.6	1.7	1.7	1.5	1.8	1.7	3.6	2.7	2.5	2.2	1.3	
1980	259.52	245.50	249.10	250.91	252.18	257.67	260.56	265.05	266.00	267.04	257.90	265.32	273.91	1980	1.6	1.8	1.7	1.2	1.4	1.4	1.0	1.2	2.7	2.1	2.1	1.5	1.3	
1981		276.06	273.83	285.68										1981		1.2	.9	1.0										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	5.16	4.98	4.98	5.07	5.10	5.16	5.19	5.28	5.30	5.32	5.13	5.17	5.26	1977	4.2	7.0	5.5	7.7	4.0	3.5	2.0	3.3	2.1	1.5	2.3	5.3	5.6	
1978	5.61	5.38	5.45	5.53	5.55	5.59	5.64	5.68	5.73	5.72	5.68	5.69	5.69	1978	3.5	4.0	4.6	5.6	4.1	3.1	3.0	3.4	1.2	1.4	2.7	5.1	3.9	
1979	6.07	5.81	5.88	5.99	6.01	6.05	6.07	6.15	6.12	6.08	6.12	6.23	6.25	1979	3.3	5.0	3.8	4.6	4.7	2.2	2.2	2.2	1.1	1.2	3.2	4.3	4.4	
1980	6.57	6.41	6.42	6.45	6.55	6.59	6.63	6.71	6.65	6.61	6.48	6.60	6.73	1980	3.6	4.5	3.4	4.7	5.2	4.3	2.1	4.4	1.3	2.4	3.0	3.2	4.2	
1981		6.85	6.95	7.16										1981		3.7	4.8	6.9										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2061-3—CANE AND BEET SUGAR														
1977	39.4	39.1	39.6	40.1	39.3	39.0	39.5	38.9	39.9	39.7	39.0	38.9	39.7	ALL EMPLOYEES—IN THOUSANDS														
1978	39.2	38.2	37.6	39.3	38.7	39.2	39.2	39.4	39.3	39.8	39.9	39.9	39.9	1977	34.5	43.0	38.2	31.9	29.7	31.0	30.8	29.5	29.7	31.9	42.2	36.9	38.7	
1979	39.1	38.8	38.5	38.6	37.3	38.9	39.5	38.6	39.5	39.7	39.5	40.1	40.2	1978	32.7	35.5	31.9	30.2	30.3	29.0	29.4	28.0	29.1	32.0	39.0	39.5	39.0	
1980	39.5	38.3	38.8	38.9	38.5	39.1	39.3	39.5	40.0	40.4	39.8	40.2	40.7	1979	30.7	35.9	31.8	30.4	29.0	27.8	27.9	26.2	27.2	28.1	35.3	34.7	33.5	
1981		40.3	39.4	39.9										1980	29.4	31.9	30.6	28.0	24.0	26.0	26.6	25.6	26.4	26.9	36.4	35.6	34.2	
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		32.1	31.3	27.8										
1977	3.3	3.3	3.3	2.9	2.7	2.6	2.7	2.9	3.5	3.7	4.3	3.7	3.7	PRODUCTION WORKERS—IN THOUSANDS														
1978	3.1	3.4	3.2	3.1	2.5	2.6	2.5	2.5	2.9	3.3	3.6	3.4	3.6	1977	26.1	33.7	29.5	23.6	21.8	22.7	22.2	21.1	21.4	23.7	33.7	29.4	30.6	
1979	3.0	3.1	2.8	3.0	1.9	2.4	2.4	2.4	3.1	3.3	3.7	3.9	3.6	1978	24.0	27.3	23.4	21.8	21.7	20.5	20.8	19.5	20.4	23.4	29.9	29.8	29.4	
1980	2.5	2.0	1.9	1.9	1.8	1.9	1.9	2.2	2.8	3.1	3.3	3.3	3.1	1979	21.9	26.7	22.5	21.4	20.4	19.2	19.2	18.0	18.9	19.5	26.3	26.0	25.2	
1981		2.9	2.7	2.7										1980	20.8	23.2	21.9	19.3	16.2	17.8	18.3	17.5	18.2	18.7	27.1	26.3	25.3	
ACCESSIONS PER 100 EMPLOYEES														1981		23.6	23.0	19.4										
1977	6.3	5.1	4.0	5.2	5.6	5.4	4.7	6.5	8.4	7.9	11.2	5.9	5.1	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														
1978	6.9	5.5	4.2	4.6	5.8	6.1	6.3	6.4	11.3	9.6	10.7	6.4	5.1	1977	242.60	232.40	236.97	245.21	245.41	240.98	245.60	252.10	255.56	257.68	222.72	230.88	256.80	
1979	6.2	5.4	4.6	4.7	5.9	5.3	6.0	6.9	8.5	6.5	11.6	5.6	3.2	1978	265.86	241.72	258.59	263.19	251.46	263.48	273.64	278.26	282.77	274.11	261.62	272.41	272.24	
1980	5.6	5.1	3.6	3.6	5.2	6.6	4.7	8.2	8.1	6.0	8.1	4.6	3.6	1979	288.22	270.14	277.80	279.17	265.36	283.58	287.83	293.79	288.86	297.82	293.44	309.82	308.66	
1981		4.3	3.2	4.7										1980	326.27	299.53	316.41	326.78	327.41	334.97	330.06	344.04	349.29	350.92	293.46	327.78	335.09	
NEW HIRES PER 100 EMPLOYEES														1981		336.49	337.88	357.00										
1977	3.0	2.4	1.4	1.5	1.9	2.3	2.1	2.5	3.8	4.3	6.7	3.6	2.8	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1978	3.5	2.5	1.6	1.6	2.0	2.7	3.1	3.2	5.3	5.4	7.2	4.2	3.0	1977	5.99	5.60	5.71	6.01	6.12	6.07	6.14	6.24	6.31	6.41	5.80	5.86	6.00	
1979	3.3	2.9	2.3	2.0	2.6	2.7	2.9	3.1	5.5	4.2	6.9	3.1	1.5	1978	6.63	6.23	6.53	6.68	6.60	6.62	6.79	6.82	6.88	6.87	6.59	6.58	6.56	
1980	2.5	1.9	1.7	1.6	1.8	2.3	2.0	2.4	3.3	3.5	4.7	2.4	1.8	1979	7.26	6.72	6.98	7.14	7.29	7.29	7.25	7.29	7.35	7.39	7.41	7.52	7.51	
1981		2.0	.8	1.4										1980	7.90	7.70	7.93	8.19	8.31	8.17	8.19	8.29	8.18	8.18	7.30	7.57	7.53	
RECALLS PER 100 EMPLOYEES														1981		7.70	7.95	8.50										
1977	3.0	2.4	2.4	3.4	3.4	2.9	2.5	3.9	3.9	3.4	3.9	1.9	2.0	PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1978	3.1	2.8	2.3	2.9	3.6	3.2	3.0	3.0	5.2	4.0	3.2	2.0	1.7	1977	40.5	41.5	41.5	40.8	40.1	39.7	40.0	40.4	40.5	40.2	38.4	39.4	42.8	
1979	2.6	2.2	2.1	2.5	3.2	2.4	2.9	3.5	2.3	2.2	4.4	2.1	1.6	1978	40.1	38.8	39.6	39.4	38.1	39.8	40.3	40.8	41.1	39.9	39.7	41.4	41.5	
1980	2.9	3.0	1.8	1.9	3.3	4.0	2.4	5.7	3.9	2.3	3.2	2.0	1.5	1979	39.7	40.2	39.8	39.1	36.4	38.9	39.7	40.3	39.3	40.3	39.6	41.2	41.1	
1981		2.2	2.3	3.2										1980	41.3	38.9	39.9	39.9	39.4	41.0	40.3	41.5	42.7	42.9	40.2	43.3	44.5	
SEPARATIONS PER 100 EMPLOYEES														1981		43.7	42.5	42.0										
1977	7.0	9.7	7.6	10.3	5.9	5.6	4.1	6.3	5.9	4.9	5.5	8.8	8.9	PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1978	6.7	6.8	6.9	8.1	6.4	5.5	5.9	5.9	6.2	6.0	6.3	8.7	7.5	1977	4.7	4.5	4.8	3.9	3.7	3.2	3.7	4.6	4.6	4.9	5.7	5.5	6.1	
1979	6.2	8.4	6.1	7.2	7.0	4.5	4.9	4.7	5.8	4.9	6.7	7.3	6.7	1978	4.3	4.7	5.1	4.1	2.9	3.0	3.4	3.9	4.3	4.3	5.0	4.7	5.0	
1980	6.1	7.4	6.0	7.8	7.5	6.5	3.8	6.1	4.9	5.2	5.9	5.4	6.5	1979	4.3	4.9	4.5	4.7	3.0	2.9	2.9	3.8	3.3	4.1	5.4	5.8	4.8	
1981		5.8	6.4	8.7										1980	2.5	1.0	1.1	.8	.9	1.5	1.4	2.8	3.3	3.7	4.1	4.4	4.0	
														1981		4.3	3.8	3.3										

See footnotes at end of tables.

SIC 2065
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 2065—CONFECTIONERY PRODUCTS

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
57.0	57.1	55.9	55.7	54.6	53.7	53.8	53.7	55.8	59.4	62.3	61.9	60.1	60.1	57.7	57.6	58.3	56.5	58.5
57.6	58.7	58.3	56.8	55.4	54.3	54.4	53.5	57.1	59.1	61.4	61.3	61.2	61.2	59.0	58.3	56.5	56.5	58.1
59.0	58.3	56.5	56.5	54.9	54.7	55.0	54.0	60.1	62.4	65.8	66.2	64.1	64.1	57.3	58.3	56.5	56.5	58.1
60.0	60.0	59.6	57.2	54.5	53.2	52.8	51.1	57.7	59.5	61.6	60.2	60.0	60.0	57.3	58.3	56.5	56.5	58.1
58.1	58.1	54.8												58.5	58.1	54.8		

PRODUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
45.3	45.4	44.2	43.6	42.9	41.8	41.9	42.1	44.1	47.9	50.6	50.5	48.6	48.6	45.3	45.4	44.2	43.6	43.4
46.0	46.8	46.6	44.9	43.7	42.6	42.8	42.2	45.5	47.4	50.0	49.8	50.1	50.1	46.0	46.8	46.6	44.9	43.4
46.7	47.0	45.3	45.2	42.4	42.1	42.3	41.4	47.5	49.8	52.9	53.1	51.0	51.0	46.7	47.0	45.3	45.2	43.4
44.9	47.5	47.0	44.5	41.9	40.7	40.6	39.4	45.4	47.1	49.0	47.8	47.7	47.7	44.9	47.5	47.0	44.5	43.4
46.5	46.3	43.4												46.5	46.3	43.4		

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
175.41	160.95	164.43	175.56	173.12	176.10	177.49	179.83	185.73	184.63	178.55	176.87	174.55	174.55	175.41	160.95	164.43	175.56	173.12
191.46	180.21	176.64	191.10	191.07	192.73	189.09	197.18	192.79	198.69	200.30	193.83	193.72	193.72	191.46	180.21	176.64	191.10	191.07
206.36	192.51	194.25	202.54	198.97	205.59	210.99	208.07	214.03	211.14	208.26	212.07	215.82	215.82	206.36	192.51	194.25	202.54	198.97
221.18	211.69	212.22	212.35	216.98	216.41	222.90	223.88	227.75	226.73	227.34	225.41	230.06	230.06	221.18	211.69	212.22	212.35	216.98
235.01	233.74	247.54												235.01	233.74	247.54		

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
4.58	4.35	4.35	4.49	4.52	4.61	4.61	4.72	4.75	4.71	4.59	4.63	4.63	4.63	4.58	4.35	4.35	4.49	4.52
4.96	4.78	4.80	4.90	4.95	4.98	4.95	5.03	5.06	5.03	5.02	4.97	4.98	4.98	4.96	4.78	4.80	4.90	4.95
5.36	5.12	5.18	5.33	5.32	5.34	5.41	5.49	5.46	5.40	5.34	5.41	5.45	5.45	5.36	5.12	5.18	5.33	5.32
5.73	5.63	5.57	5.53	5.71	5.68	5.73	5.80	5.81	5.74	5.77	5.87	5.96	5.96	5.73	5.63	5.57	5.53	5.71
6.12	6.20	6.38												6.12	6.20	6.38		

PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1977	1978	1979	1980	1981
38.3	37.0	37.8	39.1	38.3	38.2	38.5	38.1	39.1	39.2	38.9	38.2	37.7	37.7	38.3	37.0	37.8	39.1	38.3
38.6	37.7	36.8	39.0	38.6	38.7	38.2	39.2	38.1	39.5	39.9	39.0	38.9	38.9	38.6	37.7	36.8	39.0	38.6
38.5	37.6	37.5	38.0	37.4	38.5	39.0	37.9	39.2	39.1	39.0	39.2	39.6	39.6	38.5	37.6	37.5	38.0	38.6
38.6	37.6	38.1	38.4	38.0	38.1	38.9	38.6	39.2	39.5	39.4	38.4	38.6	38.6	38.6	37.6	38.1	38.4	38.0
38.1	38.4	37.7	38.8											38.1	38.4	37.7	38.8	

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1977	1978	1979	1980	1981
2.4	2.2	2.3	2.2	2.0	1.9	1.8	1.8	2.7	3.1	3.6	2.7	2.3	2.3	2.4	2.2	2.3	2.2	2.0
2.5	2.8	2.4	2.6	2.2	2.2	1.8	1.8	2.0	2.6	3.0	2.9	3.1	3.1	2.5	2.8	2.4	2.6	2.2
2.6	2.3	2.2	2.5	1.6	2.3	2.2	1.9	3.1	2.8	3.0	3.2	3.3	3.3	2.6	2.3	2.2	2.5	1.6
2.4	2.4	2.2	2.3	2.1	1.9	2.0	1.9	2.8	2.8	3.0	2.8	2.7	2.7	2.4	2.4	2.2	2.3	2.1
2.2	2.2	2.6												2.2	2.2	2.6		

SIC 207—FATS AND OILS

ALL EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
41.7	42.4	42.1	41.6	41.4	41.0	40.6	40.1	40.1	41.1	43.0	43.8	43.4	43.4	41.7	42.4	42.1	41.6	41.4
43.3	42.9	42.9	42.9	42.9	42.8	43.0	42.8	43.4	42.5	43.6	44.8	45.1	45.1	43.3	42.9	42.9	42.9	42.9
44.4	44.7	44.5	44.7	44.0	44.1	43.6	43.2	43.3	43.2	45.6	46.2	46.1	46.1	44.4	44.7	44.5	44.7	44.0
44.6	45.7	44.7	44.5	44.4	44.2	44.0	44.1	43.9	43.7	45.3	45.7	45.4	45.4	44.6	45.7	44.7	44.5	44.4
44.9	44.2	43.9												44.9	44.2	43.9		

WOMEN EMPLOYEES—IN THOUSANDS														1977	1978	1979	1980	1981
5.1	5.1	5.0	4.9	5.0	4.9	5.0	5.0	5.1	5.0	5.3	5.4	5.4	5.4	5.1	5.1	5.0	4.9	5.0
5.4	5.3	5.3	5.2	5.3	5.4	5.5	5.5	5.6	5.4	5.4	5.6	5.6	5.6	5.4	5.3	5.3	5.2	5.3
5.8	5.7	5.7	5.8	5.7	5.8	5.8	5.7	5.7	5.8	6.0	6.0	6.1	6.1	5.8	5.7	5.7	5.8	5.7
6.0	6.0	5.8	5.8	5.8	6.0	6.0	6.1	6.0	5.9	6.1	6.1	6.1	6.1	6.0	6.0	5.8	5.8	6.0
6.0	6.0	6.1												6.0	6.0	6.1		

SIC 207—FATS AND OILS (Con.)

PRODUCTION WORKERS—IN THOUSANDS														1977	1978	1979	1980	1981
29.8	30.3	30.3	29.8	29.2	29.0	28.5	28.1	28.3	29.3	31.0	31.8	31.8	31.8	29.8	30.3	30.3	29.8	29.2
31.2	30.9	31.0	31.0	30.8	30.9	31.0	30.8	30.9	30.4	31.6	32.4	32.9	32.9	31.2	30.9	31.0	31.0	30.8
32.3	32.7	32.5	32.5	31.7	31.7	31.2	31.0	31.3	31.3	33.5	34.1	33.8	33.8	32.3	32.7	32.5	32.5	31.7
32.7	33.6	32.9	32.6	32.3	32.2	31.8	31.9	32.0	32.0	33.5	34.1	33.8	33.8	32.7	33.6	32.9	32.6	32.3
33.5	32.9	32.6												33.5	32.9	32.6		

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
244.76	235.64	235.30	237.35	237.70	236.96	244.52	247.95	250.23	250.74	247.08	250.86	258.30	258.30	244.76	235.64	235.30	237.35	237.70
261.62	254.18	243.53	244.28	248.89	255.13	260.71	268.89	270.14	272.00	266.66	277.06	277.68	277.68	261.62	254.18	243.53	244.28	248.89
285.14	274.92	277.73	274.12	274.13	279.48	285.75	296.76	292.79	291.65	286.02	290.38	297.66	297.66	285.14	274.92	277.73	274.12	274.13
303.86	296.79	289.20	296.42	296.34	296.34	301.59	304.88	311.32	313.34	305.28	315.52	318.94	318.94	303.86	296.79	289.20	296.42	296.34
320.54	317.34	319.88												320.54	317.34	319.88		

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1978	1979	1980	1981
5.55	5.38	5.36	5.37	5.39	5.46	5.57	5.70	5.70	5.66	5.59	5.65	5.74	5.74	5.55	5.38	5.36	5.37	5.39
6.07	5.79	5.84	5.83	5.94	6.06	6.12	6.21	6.21	6.21	6.13	6.24	6.24	6.24	6.07	5.79	5.84	5.83	5.94
6.54	6.32	6.37	6.36	6.39	6.53	6.63	6.76	6.70	6.72	6.56	6.54	6.60	6.60	6.54	6.32	6.37	6.36	6.39
7.05	6.61	6.71	6.83	6.94	6.94	7.03	7.14	7.24	7.27	7.20	7.27	7.40	7.40	7.05	6.61	6.71	6.83	6.94
7.42	7.52	7.58												7.42	7.52	7.58		

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	44.1	43.8	43.9	44.2	44.1	43.4	43.9	43.5	43.9	44.3	44.2	44.4	45.0
1978	43.1	43.9	41.7	41.9	41.9	42.1	42.6	43.3	43.5	43.8	43.5	44.4	44.5
1979	43.6	43.5	43.6	43.1	42.9	42.8	43.1	43.9	43.7	43.4	43.6	44.4	45.1
1980	43.1	44.9	43.1	43.4	42.7	42.7	42.9	42.7	43.0	43.1	42.4	43.4	43.1
1981		43.2	42.2	42.2									

MANUFACTURING

SIC 208

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 207—FATS AND OILS (Con.)														SIC 208—BEVERAGES (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.8	3.9	3.1	4.1	4.2	3.8	3.5	3.4	3.8	3.9	3.6	3.2	5.4	1977	40.6	39.1	39.6	40.2	40.5	41.1	41.5	41.8	41.1	40.7	40.2	40.7	40.9
1978	3.6	3.9	2.9	3.6	3.6	3.9	3.4	4.0	4.3	3.6	3.4	3.2	3.6	1978	40.4	39.4	39.4	40.2	40.6	39.7	41.2	41.2	40.5	40.7	40.1	40.4	40.9
1979	4.1	4.4	3.1	3.8	4.8	4.1	5.1	3.9	4.4	4.5	3.5	3.3	4.3	1979	40.4	39.5	39.5	40.2	40.5	40.2	40.6	41.1	41.1	41.0	40.0	40.2	40.9
1980	3.7	5.0	3.4	3.1	3.7	3.3	4.0	3.7	4.1	3.2	3.1	3.3	4.4	1980	40.9	39.4	39.9	40.4	40.5	41.3	42.0	42.2	42.0	40.8	40.4	40.6	41.2
1981		3.6	3.6	3.7										1981		39.6	39.3	39.4									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.7	1.4	1.1	1.6	1.8	1.8	1.8	1.6	2.4	2.3	1.8	1.7	1.6	1977	4.2	3.3	3.3	3.8	4.1	4.5	4.7	5.1	4.8	4.4	4.1	4.2	4.0
1978	1.9	1.7	1.5	1.7	2.0	2.1	1.9	2.4	2.5	2.0	2.1	1.7	1.5	1978	4.1	3.7	3.7	3.9	4.2	3.7	4.8	5.0	4.3	4.5	4.0	3.8	3.9
1979	2.0	1.7	1.6	2.0	2.1	1.8	2.2	1.9	2.5	2.3	1.9	1.8	2.0	1979	3.9	3.4	3.5	3.7	4.2	3.6	3.9	4.1	4.3	4.4	3.8	3.9	3.8
1980	1.6	2.3	1.8	1.5	1.6	1.6	1.7	1.3	1.6	1.7	1.4	1.5	1.3	1980	4.0	3.4	3.4	3.7	3.6	4.1	4.4	4.8	4.4	4.4	3.8	4.0	3.6
1981		1.6	1.4	1.4										1981		3.3	3.3	3.4									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.3	1.5	1.2	1.7	1.7	1.3	1.0	1.1	.8	.8	1.2	.9	2.8	1977	4.9	4.2	4.1	4.4	5.6	6.5	7.7	5.2	5.4	4.9	3.9	3.7	3.2
1978	.9	1.3	.7	1.1	.8	.9	.7	.7	.9	.9	.7	.9	1.5	1978	4.8	3.3	4.7	4.6	4.9	6.1	6.7	5.2	5.3	5.2	4.8	3.9	3.2
1979	1.2	1.8	.8	1.0	1.7	1.4	1.9	1.1	.8	1.3	.9	.8	1.4	1979	4.8	3.8	4.3	5.1	4.9	6.6	6.8	5.5	5.5	4.9	3.7	3.3	2.8
1980	1.4	1.9	.9	.8	1.4	.7	1.7	1.8	1.7	.9	1.1	1.2	2.6	1980	4.2	3.8	3.7	4.4	4.5	5.8	6.8	4.5	5.0	3.9	3.1	2.6	2.6
1981		1.4	1.8	1.6										1981		3.3	3.4	3.9									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	227.6	219.4	215.7	218.8	221.7	226.6	232.4	234.5	236.8	233.7	231.8	229.8	229.4	1977	3.4	2.2	2.2	3.1	4.0	4.9	5.3	4.1	4.4	4.1	2.7	2.1	2.1
1978	234.1	226.4	224.8	228.1	231.2	231.7	239.9	243.2	242.2	237.4	235.6	234.5	234.7	1978	3.6	2.2	2.6	3.2	3.5	4.6	5.3	4.5	4.7	4.1	3.4	2.5	2.2
1979	237.9	231.2	230.4	233.4	234.2	235.1	242.7	243.9	243.9	242.4	241.4	239.2	237.9	1979	3.3	2.4	2.6	3.2	3.4	4.9	5.1	3.9	4.2	3.5	2.8	2.2	1.8
1980	235.2	230.8	228.4	230.5	231.3	233.1	239.8	240.0	242.5	236.5	238.7	235.6	234.6	1980	2.6	2.2	2.1	2.6	3.0	3.4	4.4	3.0	3.4	2.7	2.1	1.4	1.3
1981		230.8	231.5	231.6										1981		1.5	1.6	1.9									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	34.7	33.3	32.7	33.1	33.5	34.2	34.5	34.8	35.5	35.7	36.5	36.7	36.1	1977	1.2	1.3	1.6	1.2	1.3	1.3	2.1	1.0	.9	.6	1.2	1.3	1.0
1978	36.5	35.4	35.2	35.4	36.0	35.9	36.6	37.2	37.4	36.9	37.2	37.4	37.2	1978	1.1	.9	2.0	1.3	1.3	1.3	1.1	.6	.5	.9	1.1	1.3	.8
1979	38.7	36.8	36.5	36.8	37.0	37.4	38.5	38.6	39.6	40.7	41.4	40.8	40.7	1979	1.3	1.3	1.5	1.7	1.4	1.4	1.5	1.4	1.1	1.2	.8	.9	.9
1980	40.8	38.6	38.9	40.0	40.0	40.4	41.3	41.1	42.0	41.1	42.4	42.0	41.5	1980	1.4	1.3	1.5	1.7	1.4	2.0	2.2	1.3	1.5	1.0	.9	1.1	1.2
1981		41.0	40.6	40.8										1981		1.7	1.5	1.9									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	105.8	99.9	98.2	100.4	102.2	104.9	108.9	109.8	111.3	110.2	109.2	107.7	107.3	1977	4.7	6.1	3.5	3.8	4.0	4.7	5.0	4.4	6.3	6.3	5.2	3.8	3.7
1978	109.8	105.2	104.0	106.0	108.7	107.9	113.5	113.7	113.8	112.6	111.5	110.3	109.9	1978	4.7	4.5	4.0	4.0	4.1	4.4	4.0	4.3	6.9	6.1	5.5	4.3	4.5
1979	110.5	107.7	106.9	109.8	109.7	109.2	113.7	112.9	112.8	112.3	111.4	110.0	109.7	1979	4.7	5.4	3.9	4.5	4.1	4.8	4.5	4.4	6.1	5.9	4.4	4.4	4.0
1980	105.5	105.7	102.4	103.2	103.2	104.4	108.0	108.0	109.5	106.2	107.2	105.1	103.6	1980	4.3	5.2	3.8	3.2	4.0	4.4	4.4	4.5	5.6	5.1	3.7	3.5	4.1
1981		101.0	101.2	101.5										1981		4.5	3.4	3.7									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	260.65	239.68	241.96	248.44	255.56	260.57	265.60	268.77	266.33	267.40	265.72	271.88	275.67	1977	2.2	1.7	1.3	1.7	1.9	2.2	2.5	2.3	3.9	3.4	2.1	1.6	1.5
1978	280.38	262.80	264.77	274.97	276.89	271.95	284.69	285.93	280.26	286.12	286.31	290.48	296.12	1978	2.4	1.8	1.7	1.9	2.0	2.3	2.5	2.7	4.3	3.3	2.6	1.9	1.6
1979	303.40	285.19	286.77	295.07	304.56	295.47	302.47	307.84	309.48	312.01	307.20	314.77	319.43	1979	2.2	1.7	1.7	2.0	1.9	2.6	2.4	2.4	3.7	3.1	2.1	1.7	1.4
1980	332.11	305.35	310.42	319.16	321.57	329.16	338.94	344.35	346.08	335.78	338.15	345.51	347.73	1980	1.7	1.8	1.5	1.3	1.6	1.7	1.7	1.7	2.7	2.4	1.6	1.1	.8
1981		333.83	333.26	338.05										1981		1.3	1.1	1.1									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.42	6.13	6.11	6.18	6.31	6.34	6.40	6.43	6.48	6.57	6.61	6.68	6.74	1977	1.6	3.2	1.6	1.2	1.2	1.6	1.5	1.2	1.1	1.7	2.3	1.6	1.6
1978	6.94	6.67	6.72	6.84	6.82	6.85	6.91	6.94	6.92	7.03	7.14	7.19	7.24	1978	1.5	1.9	1.7	1.3	1.4	1.2	.7	.6	1.4	1.6	2.1	1.9	2.1
1979	7.51	7.22	7.26	7.34	7.52	7.35	7.45	7.49	7.53	7.61	7.68	7.83	7.81	1979	1.5	2.7	1.3	1.6	1.3	1.2	1.1	1.0	1.2	1.6	1.4	1.9	1.9
1980	8.12	7.75	7.78	7.90	7.94	7.97	8.07	8.16	8.24	8.23	8.37	8.51	8.44	1980	1.8	2.2	1.6	1.3	1.6	1.9	1.7	1.9	1.5	1.7	1.4	1.8	2.7
1981		8.43	8.48	8.58										1981		2.5	1.7	2.0									

See footnotes at end of tables.

SIC 2082

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 2082—MALT BEVERAGES														SIC 2082—MALT BEVERAGES (Con.)														
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES														
1977	50.8	47.3	46.6	48.4	49.4	51.8	52.9	53.6	53.5	52.4	51.6	50.9	51.2	1977	1.6	0.9	0.9	1.8	3.0	3.1	2.2	1.8	1.7	1.2	1.0	1.0	0.9	
1978	51.4	49.6	48.9	49.8	50.7	50.9	52.8	53.9	53.5	52.1	51.4	51.2	51.5	1978	1.5	1.0	1.1	1.2	1.7	2.3	2.4	1.7	2.0	1.4	1.1	1.1	1.0	
1979	51.6	50.6	50.2	51.4	51.7	51.2	52.7	53.3	52.7	51.9	50.8	51.2	51.2	1979	1.6	1.0	1.4	1.5	1.9	2.2	3.3	1.7	2.1	1.2	.9	.9	1.2	
1980	50.9	50.3	49.2	49.5	49.5	50.0	52.0	52.5	52.5	51.5	51.2	51.4	51.3	1980	1.3	1.0	1.3	1.5	1.1	1.8	3.1	1.1	2.0	.9	.6	.8	.5	
1981		49.5	50.0	50.2										1981		.6	.6	.7										
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES														
1977	5.4	4.9	4.8	5.0	5.1	5.5	5.6	5.8	5.8	5.6	5.5	5.4	5.5	1977	2.2	2.8	3.6	2.4	1.7	2.5	3.1	1.9	1.5	1.0	1.9	2.9	1.8	
1978	5.8	5.4	5.4	5.6	5.6	5.6	5.7	6.0	6.0	6.0	5.9	5.9	6.0	1978	2.0	1.6	4.4	2.2	1.9	2.0	2.2	1.4	.6	1.6	2.0	2.3	1.4	
1979	6.4	6.2	6.1	6.0	6.1	6.2	6.5	6.7	6.7	6.8	6.7	6.7	6.6	1979	2.7	2.6	2.9	3.9	3.1	2.9	2.8	2.6	2.6	2.6	1.6	2.6	2.2	
1980	7.3	6.6	6.8	7.1	7.1	7.1	7.4	7.7	7.7	7.7	7.6	7.6	7.6	1980	3.0	3.7	3.2	4.3	3.2	4.2	4.1	3.0	2.4	1.6	1.3	2.8	2.1	
1981		7.5	7.3	7.3										1981		3.2	4.2	5.4										
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	33.9	30.7	30.1	31.7	32.9	34.7	35.7	36.4	36.3	35.5	34.7	34.1	34.5	1977	4.1	7.2	3.5	2.7	2.7	3.6	3.8	3.9	6.2	4.6	5.0	2.9	3.1	
1978	34.5	33.0	32.4	33.3	33.9	33.9	35.7	36.7	36.2	34.9	34.5	34.5	34.6	1978	4.0	5.2	4.1	4.3	3.1	3.3	2.7	3.3	4.8	5.2	4.7	3.9	3.8	
1979	35.3	33.9	33.8	35.4	35.8	35.4	36.7	37.1	36.2	35.3	34.3	34.4	34.8	1979	4.3	5.7	2.8	4.4	5.0	4.0	4.2	3.8	6.1	5.4	4.4	3.0	3.1	
1980	33.4	34.1	32.4	32.5	32.3	32.9	34.5	34.7	34.5	33.6	33.5	33.3	33.0	1980	4.7	6.3	5.2	3.8	5.0	3.9	4.2	4.6	6.6	5.7	3.6	2.4	4.5	
1981		31.7	32.4	32.8										1981		7.0	4.2	5.0										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	366.75	336.10	335.27	352.79	366.80	368.91	376.51	381.00	366.37	371.06	362.41	380.61	390.28	1977	.5	.5	.3	.3	.4	.5	.5	.5	1.5	1.0	.4	.2	.2	
1978	391.95	367.59	372.07	389.00	388.94	385.81	395.51	399.83	386.16	393.76	395.65	408.92	417.31	1978	.6	.5	.3	.4	.4	.4	.7	.6	1.4	1.2	.6	.4	.4	
1979	426.36	407.69	409.76	416.91	443.70	407.13	421.64	433.75	432.60	427.45	433.42	443.81	439.94	1979	.5	.4	.3	1.0	.4	.4	.5	.6	1.7	.5	.3	.2	.2	
1980	470.88	426.42	444.26	460.71	465.65	472.42	479.83	490.60	488.81	476.44	464.26	494.64	480.68	1980	.4	.5	.3	.4	.2	.3	.4	.4	1.2	.8	.3	.2	.1	
1981		462.99	457.41	474.86										1981		.3	.3	.4										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	8.47	8.06	8.04	8.11	8.28	8.29	8.48	8.62	8.56	8.69	8.67	8.79	8.87	1977	2.8	6.2	2.8	1.7	1.9	2.3	2.7	2.7	2.8	2.8	4.1	2.0	2.3	
1978	9.31	8.69	8.88	9.11	9.13	9.23	9.35	9.43	9.35	9.42	9.65	9.69	9.66	1978	2.7	4.1	3.3	3.2	2.2	2.0	1.4	1.6	2.5	2.7	3.7	2.9	2.7	
1979	10.20	9.73	9.85	9.95	10.20	9.93	10.16	10.23	10.30	10.30	10.52	10.72	10.55	1979	2.9	4.5	1.7	3.1	3.4	2.6	2.9	1.8	3.5	3.1	3.2	2.1	2.4	
1980	10.90	10.35	10.38	10.64	10.68	10.64	10.93	11.00	11.16	11.08	11.16	11.45	11.31	1980	3.4	4.3	4.1	2.6	4.2	3.1	3.0	3.5	3.2	4.1	2.8	1.8	3.8	
1981		11.32	11.35	11.47										1981		6.0	3.3	4.2										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2086—BOTTLED AND CANNED SOFT DRINKS														
1977	43.3	41.7	41.7	43.5	44.3	44.5	44.4	44.2	42.8	42.7	41.8	43.3	44.0	ALL EMPLOYEES—IN THOUSANDS														
1978	42.1	42.3	41.9	42.7	42.6	41.8	42.3	42.4	41.3	41.8	41.0	42.2	43.2	1977	132.5	128.5	126.8	127.6	129.2	132.2	136.3	138.0	138.9	135.3	133.1	132.0	132.2	
1979	41.8	41.9	41.6	41.9	43.5	41.0	41.5	42.4	42.0	41.5	41.2	41.4	41.7	1978	136.5	130.7	130.1	132.7	133.5	135.5	140.6	143.5	141.9	138.6	137.0	137.0	137.0	
1980	43.2	41.2	42.8	43.3	43.6	44.4	43.9	44.6	43.8	43.0	41.6	43.2	42.5	1979	139.6	135.5	135.5	136.9	137.5	139.5	143.9	144.1	144.4	141.3	140.1	138.6	137.3	
1981		40.9	40.3	41.4										1980	139.5	135.6	134.8	135.6	137.2	139.1	142.9	144.6	145.2	142.4	139.8	138.3	137.8	
														1981		136.6	137.1	137.3										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS														
1977	5.5	4.7	4.1	5.5	6.3	6.4	6.3	6.4	5.2	5.1	4.9	5.9	5.1	1977	14.9	14.3	14.3	14.4	14.6	14.9	14.9	15.1	15.4	15.4	15.3	15.3	15.3	
1978	5.3	4.6	5.2	5.1	5.3	4.9	5.8	6.0	5.1	5.4	4.8	5.5	5.7	1978	16.3	15.2	15.3	15.5	15.8	16.2	16.4	16.7	16.8	16.7	16.9	17.0	17.0	
1979	5.4	5.2	5.5	5.5	7.3	4.7	5.0	5.5	5.5	5.1	5.0	5.5	5.3	1979	17.5	16.8	16.9	17.0	17.1	17.3	17.7	17.8	18.0	18.0	18.0	17.7	17.7	
1980	5.7	5.1	5.3	5.6	5.5	6.1	5.8	6.5	6.2	5.8	4.9	6.4	5.1	1980	18.3	17.4	17.4	17.7	17.8	18.3	18.7	18.8	18.9	18.7	18.6	18.5	18.5	
1981		5.0	5.1	5.5										1981		18.4	18.5	18.6										
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS														
1977	4.2	4.5	4.6	4.2	5.0	6.0	5.5	3.9	3.4	2.4	3.0	5.5	2.9	1977	47.8	45.5	45.1	45.2	46.2	47.7	50.4	50.9	51.1	49.0	48.0	47.1	47.1	
1978	3.7	2.8	5.7	3.5	3.9	4.5	4.9	3.3	2.8	3.4	3.2	3.6	2.6	1978	48.6	46.1	45.6	46.8	47.8	48.9	51.5	51.7	51.5	49.8	48.4	47.7	47.5	
1979	4.6	3.8	4.5	5.5	5.2	5.3	6.5	4.5	4.9	4.4	2.8	3.7	3.6	1979	48.4	46.8	46.9	47.7	47.8	48.6	50.7	50.5	50.4	49.0	48.4	47.3	46.7	
1980	4.5	4.9	4.7	6.0	4.5	6.2	7.4	4.2	4.6	2.7	2.1	3.9	2.8	1980	46.9	45.8	45.2	45.3	46.2	47.0	48.6	49.6	49.6	48.4	46.4	45.4	45.3	
1981		4.0	5.0	6.5										1981		44.7	44.7	45.0										

See footnotes at end of tables.

MANUFACTURING

SIC 209

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2086—BOTTLED AND CANNED SOFT DRINKS (Con.)														SIC 2086—BOTTLED AND CANNED SOFT DRINKS (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	191.09	178.98	182.75	182.52	185.94	190.56	198.29	202.11	202.05	193.95	186.58	191.50	195.94	1977	3.2	2.5	1.9	2.6	2.8	3.3	3.8	3.5	5.5	5.0	3.0	2.4	2.2
1978	207.76	190.76	194.95	201.76	204.97	203.71	219.01	220.39	214.43	214.37	208.03	206.58	212.40	1978	3.5	2.5	2.5	2.6	3.0	3.4	3.6	4.0	6.2	4.5	3.8	2.7	2.4
1979	220.49	207.73	206.66	213.30	214.58	219.85	224.37	227.96	231.28	228.42	218.79	221.13	228.28	1979	3.2	2.5	2.4	2.7	2.8	3.8	3.5	3.5	5.2	4.6	3.1	2.5	2.0
1980	245.01	223.86	225.42	231.08	235.22	245.83	253.34	260.62	262.09	253.53	246.80	246.24	252.73	1980	2.4	2.6	2.1	1.8	2.3	2.4	2.5	2.5	3.9	3.3	2.3	1.6	1.2
1981		247.02	250.91	250.00										1981		1.8	1.5	1.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.85	4.71	4.71	4.68	4.78	4.80	4.86	4.87	4.94	4.91	4.91	5.00	5.05	1977	.5	.5	.7	.5	.1	.2	.2	.4	.3	1.2	.7	.3	.4
1978	5.22	5.06	5.09	5.16	5.15	5.21	5.29	5.26	5.23	5.28	5.28	5.27	5.35	1978	.5	.9	.4	.5	.3	.2	.2	.1	.6	.9	.9	.3	.5
1979	5.54	5.34	5.34	5.40	5.46	5.51	5.54	5.56	5.60	5.64	5.61	5.67	5.75	1979	.6	1.2	.7	.4	.3	.3	.1	.4	.4	1.5	.8	.7	.4
1980	6.11	5.74	5.84	5.88	5.97	6.10	6.09	6.22	6.27	6.26	6.28	6.33	6.35	1980	.5	.9	.4	.3	.3	.4	.2	.6	.5	.9	.8	.5	.6
1981		6.35	6.45	6.46										1981		1.1	.5	.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 209—MISC. FOODS AND KINDRED PRODUCTS													
1977	39.4	38.0	38.8	39.0	38.9	39.7	40.8	41.5	40.9	39.5	38.0	38.3	38.8	ALL EMPLOYEES—IN THOUSANDS													
1978	39.8	37.7	38.3	39.1	39.8	39.1	41.4	41.9	41.0	40.6	39.4	39.2	39.7	1977	159.9	145.5	147.5	152.2	154.5	156.6	161.3	168.9	168.3	168.4	167.9	164.4	163.2
1979	39.8	38.9	38.7	39.5	39.3	39.9	40.5	41.0	41.3	40.5	39.0	39.0	39.7	1978	166.7	159.8	157.6	159.8	160.7	161.6	171.1	173.6	176.7	173.0	171.5	167.7	167.2
1980	40.1	39.0	38.6	39.3	39.4	40.3	41.6	41.9	41.8	40.5	39.3	38.9	39.8	1979	166.2	164.7	158.3	160.6	159.3	163.4	170.2	169.8	172.3	170.9	171.4	167.5	165.5
1981		38.9	38.9	38.7										1980	165.1	162.0	160.8	159.7	156.4	158.2	166.6	170.6	173.8	171.2	171.2	166.2	164.0
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		157.3	156.9	158.1									
1977	3.8	2.6	3.0	3.2	3.4	3.9	4.7	5.3	5.3	4.2	3.2	3.1	3.5	WOMEN EMPLOYEES—IN THOUSANDS													
1978	3.9	2.9	3.3	3.5	4.0	3.5	5.1	5.5	4.8	4.3	3.5	2.8	3.3	1977	65.8	57.0	58.7	61.7	62.9	63.9	65.9	70.9	69.6	70.6	71.1	68.8	68.1
1979	3.5	2.8	2.8	3.1	3.1	3.7	3.9	4.2	4.6	4.4	3.3	3.2	3.3	1978	70.7	65.4	64.2	66.3	66.9	67.1	73.3	75.0	77.0	74.7	74.8	72.6	71.3
1980	3.7	3.0	2.9	3.3	3.2	3.9	4.5	4.9	5.0	4.0	3.1	2.8	3.2	1979	69.8	69.8	65.2	67.0	65.9	67.4	72.6	72.3	73.3	71.5	72.9	70.3	69.4
1981		2.7	2.8	2.8										1980	68.6	66.8	65.6	65.6	63.7	63.9	68.7	70.8	74.2	73.0	72.4	69.7	68.9
ACCESSIONS PER 100 EMPLOYEES														1981		64.3	63.1	63.6									
1977	5.1	3.8	3.8	4.7	5.8	7.4	8.9	5.9	6.2	5.0	3.7	3.2	3.1	PRODUCTION WORKERS—IN THOUSANDS													
1978	5.3	3.1	4.1	5.0	5.2	6.8	8.1	6.3	6.7	5.4	5.0	3.9	3.6	1977	112.4	100.6	102.6	106.9	108.0	109.8	113.5	120.6	119.1	118.9	118.8	115.4	114.7
1979	4.9	3.7	4.0	4.9	4.9	7.5	7.2	6.1	6.1	4.8	3.8	3.4	2.5	1978	119.2	112.2	111.0	113.1	113.5	114.4	123.4	125.8	127.7	125.0	123.2	120.9	120.5
1980	3.9	3.6	3.1	3.8	4.4	5.5	6.3	4.6	4.6	3.7	2.7	2.3	2.2	1979	121.9	118.0	112.3	115.6	114.2	118.9	126.0	125.2	128.4	127.7	127.8	124.9	123.3
1981		2.4	2.8	3.0										1980	122.8	119.8	117.9	117.6	114.6	116.5	124.2	127.5	131.1	128.7	129.0	124.2	122.5
NEW HIRES PER 100 EMPLOYEES														1981		115.9	114.6	115.6									
1977	4.6	3.1	3.0	4.2	5.2	6.8	7.4	5.6	5.9	4.8	3.4	2.9	2.6	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.8	2.8	3.6	4.3	4.8	6.1	7.3	6.1	6.4	5.1	4.4	3.5	3.0	1977	177.75	173.26	176.78	175.48	175.31	176.53	174.26	171.58	176.78	176.06	179.27	184.51	188.47
1979	4.4	3.3	3.4	4.3	4.5	6.6	6.6	5.3	5.6	4.4	3.6	2.9	2.1	1978	190.89	181.67	185.50	191.35	190.76	189.36	187.75	186.37	189.25	193.16	192.14	197.98	204.34
1980	3.4	2.9	2.7	3.3	3.9	4.7	5.7	4.2	4.4	3.4	2.4	1.8	1.7	1979	206.05	198.65	204.66	206.95	201.85	206.72	201.62	196.74	201.45	205.72	210.00	214.51	221.38
1981		2.0	2.1	2.5										1980	224.69	213.33	210.18	208.00	214.48	221.71	221.49	229.10	226.94	234.78	230.05	235.84	243.27
RECALLS PER 100 EMPLOYEES														1981		240.03	241.80	241.42									
1977	.4	.2	.7	.4	.4	.4	1.2	.2	.2	.1	.3	.3	.4	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.3	.2	.4	.6	.3	.6	.5	.1	.2	.2	.3	.3	.4	1977	4.69	4.67	4.64	4.63	4.65	4.67	4.61	4.60	4.64	4.67	4.73	4.83	4.87
1979	.4	.3	.5	.5	.3	.5	.3	.7	.3	.3	.2	.4	.3	1978	5.05	4.95	4.96	4.97	5.02	4.97	4.98	5.01	5.02	5.11	5.11	5.21	5.28
1980	.3	.3	.4	.4	.4	.4	.4	.3	.1	.2	.2	.4	.4	1979	5.48	5.34	5.40	5.32	5.34	5.44	5.42	5.39	5.43	5.53	5.60	5.69	5.75
1981		.3	.4	.4										1980	5.96	5.75	5.79	5.81	5.86	5.96	5.97	5.92	5.91	6.02	6.07	6.19	6.19
SEPARATIONS PER 100 EMPLOYEES														1981		6.35	6.38	6.37									
1977	4.7	4.3	3.4	4.1	4.2	4.4	5.1	5.0	7.0	7.4	4.6	3.5	3.3	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	4.9	4.2	3.7	3.9	4.1	4.5	4.8	5.2	8.2	6.8	5.7	3.6	3.7	1977	37.9	37.1	38.1	37.9	37.7	37.8	37.8	37.3	38.1	37.7	37.9	38.2	38.7
1979	4.8	4.7	4.0	4.2	3.9	5.2	4.7	4.8	7.0	7.1	4.8	4.2	3.2	1978	37.8	36.7	37.4	38.5	38.0	38.1	37.7	37.2	37.7	37.8	37.6	38.0	38.7
1980	3.8	4.5	3.2	2.8	3.5	3.9	3.8	4.0	5.7	5.4	4.1	2.7	2.4	1979	37.6	37.2	37.9	38.9	37.8	38.0	37.2	36.5	37.1	37.2	37.5	37.7	38.5
1981		3.7	2.6	2.8										1980	37.7	37.1	36.3	35.8	36.6	37.2	37.1	38.7	38.4	39.0	37.9	38.1	39.3
														1981		37.8	37.9	37.9									

See footnotes at end of tables.

SIC 209

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 209—MISC. FOODS AND KINDRED PRODUCTS (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.6	3.4	3.4	3.7	3.4	3.4	3.7	3.5	3.6	3.6	3.7	3.7	3.6
1978	3.6	3.1	3.5	3.8	3.5	3.6	3.7	3.6	3.8	3.8	3.3	3.6	3.4
1979	3.1	2.8	3.0	3.2	2.7	3.2	3.0	2.9	3.1	3.3	3.2	3.1	3.1
1980	3.2	2.6	2.6	2.6	2.7	3.2	3.1	3.8	4.0	3.9	3.3	3.5	3.4
1981		3.4	3.4	3.2									
ACCESSIONS PER 100 EMPLOYEES													
1977	7.3	5.1	6.0	6.0	8.2	9.9	10.5	11.0	8.3	8.0	6.1	4.3	3.4
1978	7.8	5.4	4.7	5.2	6.9	13.3	11.8	11.2	9.5	7.7	7.6	5.0	4.3
1979	7.4	5.8	4.9	5.7	8.1	9.0	12.5	9.5	10.0	7.4	7.9	4.5	3.4
1980	7.1	4.3	5.0	5.6	6.4	8.1	11.5	11.8	9.2	7.1	6.8	4.2	4.9
1981		4.6	5.6	6.6									
NEW HIRES PER 100 EMPLOYEES													
1977	4.7	2.6	3.0	3.8	4.4	6.4	7.3	7.1	6.3	5.8	4.5	2.8	2.3
1978	5.5	3.9	2.7	3.2	4.0	7.9	8.4	7.0	7.9	6.5	6.2	4.0	3.5
1979	5.2	3.6	3.5	3.9	5.5	5.5	8.3	6.9	7.3	5.7	6.3	3.4	2.6
1980	4.4	2.9	3.0	3.3	3.5	4.2	6.4	7.2	5.7	5.3	4.9	3.1	2.5
1981		2.4	3.1	3.7									
RECALLS PER 100 EMPLOYEES													
1977	2.1	2.2	2.7	1.9	1.9	3.2	2.9	3.8	1.6	1.9	1.4	1.3	.9
1978	2.0	1.1	1.9	1.8	2.6	5.0	3.1	4.0	1.4	1.1	1.2	.8	.6
1979	1.9	2.0	1.3	1.6	2.4	3.2	3.9	2.3	2.3	1.4	1.3	.9	.6
1980	2.5	1.3	1.8	2.0	2.7	3.5	4.5	4.2	3.1	1.5	1.7	1.0	2.2
1981		2.0	2.3	2.7									
SEPARATIONS PER 100 EMPLOYEES													
1977	7.4	6.1	6.0	6.6	5.4	5.8	7.6	8.2	11.7	10.0	7.4	5.2	7.6
1978	7.9	9.6	5.0	5.9	6.7	7.7	7.3	8.3	10.6	10.1	8.6	9.2	5.6
1979	7.3	6.9	5.6	5.2	7.5	5.5	7.5	8.4	8.8	10.6	8.3	6.3	6.2
1980	7.5	7.8	5.5	5.9	10.1	7.0	5.1	8.7	9.5	7.1	8.9	8.4	6.5
1981		8.5	5.0	6.5									
QUITS PER 100 EMPLOYEES													
1977	3.2	1.7	2.0	2.3	2.4	2.8	2.8	3.2	6.0	5.7	3.9	2.7	2.3
1978	3.9	2.6	1.9	2.7	2.3	3.6	4.8	4.1	6.5	6.7	4.4	3.5	2.6
1979	3.6	2.9	2.8	2.7	3.4	3.3	3.7	3.8	5.6	5.4	5.0	2.6	2.3
1980	3.1	3.1	2.3	2.5	2.8	2.6	2.3	3.9	4.7	4.0	3.7	2.8	2.1
1981		2.4	1.8	2.1									
LAYOFFS PER 100 EMPLOYEES													
1977	3.4	3.8	3.5	3.6	2.0	2.2	4.1	4.2	4.8	3.4	2.7	1.8	4.4
1978	3.2	6.2	2.2	2.1	3.4	3.2	1.7	3.4	3.2	2.3	3.4	5.0	2.5
1979	2.6	3.0	2.0	1.7	3.1	1.2	2.5	3.4	1.9	4.1	2.4	2.8	2.6
1980	3.6	3.9	2.5	2.6	6.5	3.7	2.0	3.9	3.8	2.3	4.4	4.5	3.6
1981		5.2	2.4	3.5									

SIC 21—TOBACCO MANUFACTURES

ALL EMPLOYEES—IN THOUSANDS																	
1977	70.7	77.3	74.9	67.2	65.5	62.2	64.1	64.4	73.4	76.0	75.5	73.2	74.6				
1978	70.6	71.6	69.6	67.3	63.9	63.4	64.7	64.7	73.6	77.4	78.3	76.4	76.4				
1979	70.0	72.7	69.4	67.7	65.6	64.9	65.2	65.3	74.0	77.8	77.7	68.9	71.2				
1980	69.2	69.5	67.7	64.9	63.6	63.5	65.2	64.6	71.2	74.9	75.9	75.3	74.4				
1981		72.0	70.6	68.3													

SIC 21—TOBACCO MANUFACTURES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS													
1977	25.9	28.0	27.4	24.2	23.1	22.0	22.5	22.6	27.2	28.9	28.8	28.1	28.5
1978	25.9	26.6	26.0	24.4	22.5	22.4	22.7	22.1	26.6	29.2	30.0	29.3	29.3
1979	25.4	26.9	25.2	24.4	23.0	22.8	22.3	21.8	27.5	29.7	29.9	25.3	25.7
1980	24.8	24.9	24.3	22.7	21.8	21.9	22.3	22.1	25.5	27.9	28.5	28.3	26.9
1981		26.0	25.8	24.6									
PRODUCTION WORKERS—IN THOUSANDS													
1977	57.0	63.6	60.6	54.1	52.5	49.4	51.1	50.7	59.7	61.7	61.4	59.2	60.5
1978	56.2	57.2	55.4	53.3	49.7	49.2	50.4	50.3	58.5	62.7	63.8	62.1	62.2
1979	55.5	58.4	55.1	53.4	51.3	50.9	50.8	50.9	59.2	62.9	62.9	54.1	56.3
1980	53.9	54.5	52.7	50.1	48.7	48.4	49.8	49.5	56.1	59.5	60.0	59.7	58.0
1981		55.8	54.4	52.4									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	209.41	183.92	208.24	203.68	211.13	211.68	223.49	205.56	207.35	212.01	209.43	221.92	220.02
1978	233.55	218.59	224.69	237.08	240.00	243.95	264.06	234.94	229.40	227.54	218.46	232.20	238.62
1979	253.46	228.24	235.01	252.22	254.63	265.30	265.98	246.92	245.53	253.23	246.77	272.30	276.59
1980	294.51	266.29	273.06	287.27	299.12	297.22	307.58	296.46	288.56	287.65	307.60	315.19	308.61
1981		328.10	329.56	320.29									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.54	5.27	5.48	5.49	5.63	5.60	5.79	5.71	5.50	5.45	5.37	5.59	5.70
1978	6.13	5.94	5.96	6.19	6.25	6.32	6.52	6.49	6.15	5.91	5.81	6.00	6.15
1979	6.67	6.34	6.51	6.62	6.79	6.82	6.82	6.84	6.53	6.46	6.36	7.00	7.02
1980	7.73	7.12	7.40	7.62	7.81	7.68	8.01	8.10	7.82	7.53	7.69	7.86	8.10
1981		8.50	8.56	8.61									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	37.8	34.9	38.0	37.1	37.5	37.8	38.6	36.0	37.7	38.9	39.0	39.7	38.6
1978	38.1	36.8	37.7	38.3	38.4	38.6	40.5	36.2	37.3	38.5	37.6	38.7	38.8
1979	38.0	36.0	36.1	38.1	37.5	38.9	39.0	36.1	37.6	39.2	38.8	38.9	39.4
1980	38.1	37.4	36.9	37.7	38.3	38.7	38.4	36.6	36.9	38.2	40.0	40.1	38.1
1981		38.6	38.5	37.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.9	1.6	1.4	1.3	1.8	1.9	1.7	1.2	2.0	2.2	2.3	2.8	2.6
1978	2.1	2.0	1.8	2.3	1.9	2.2	2.9	2.0	2.0	2.2	1.6	2.1	2.0
1979	1.3	.7	.8	1.0	.5	.9	1.1	1.0	1.4	2.3	1.6	1.8	2.4
1980	1.7	1.3	.9	1.2	1.8	1.7	.8	.9	1.7	1.8	2.6	2.6	2.4
1981		2.6	2.5	1.0									
ACCESSIONS PER 100 EMPLOYEES													
1977	3.2	1.0	.9	1.4	1.3	2.4	3.5	7.0	7.7	4.2	2.9	4.1	1.6
1978	3.8	1.6	2.0	1.5	1.4	3.2	3.5	3.8	11.2	6.3	3.5	4.1	2.6
1979	4.0	2.5	1.8	2.3	2.3	2.5	3.7	4.1	11.0	5.7	3.0	4.4	4.5
1980	4.0	3.7	2.1	1.9	2.5	3.7	2.7	4.9	9.6	5.6	3.3	3.0	4.8
1981		3.2	2.3	1.9									
NEW HIRES PER 100 EMPLOYEES													
1977	1.5	.5	.6	.6	.6	1.0	1.4	2.8	3.2	2.3	2.3	1.6	.9
1978	1.8	.7	.8	.8	.8	1.4	1.9	1.4	5.3	3.8	2.5	1.6	.8
1979	1.6	.9	1.0	.8	.8	1.0	1.5	.9	4.7	2.3	1.7	1.4	1.3
1980	1.6	1.5	.7	.8	.8	.9	1.1	1.1	3.8	3.2	2.1	.9	1.5
1981		1.8	1.0	.7									

MANUFACTURING

SIC 211

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 21—TOBACCO MANUFACTURES (Con.)														SIC 211—CIGARETTES (Con.)													
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.2	0.3	0.3	0.6	0.3	0.2	0.7	3.9	4.1	1.6	0.3	2.2	0.4	1977	6.62	6.21	6.36	6.41	6.46	6.46	6.64	6.64	6.74	6.81	6.80	6.96	6.98
1978	1.4	.4	.9	.4	.3	.6	1.1	1.0	5.4	2.1	.6	2.2	1.3	1978	7.38	7.05	7.08	7.27	7.24	7.31	7.50	7.48	7.48	7.59	7.46	7.56	7.58
1979	1.7	.9	.5	.8	.7	.9	.7	2.0	5.1	2.3	.7	2.5	2.8	1979	7.90	7.53	7.61	7.69	7.80	7.85	7.73	7.84	7.93	8.21	8.07	8.18	8.31
1980	1.7	1.8	.9	.5	.9	1.0	.7	2.0	5.2	1.9	.6	1.7	2.7	1980	9.24	8.38	8.62	8.77	8.91	8.74	9.14	9.30	9.50	9.57	9.89	9.98	9.90
1981		.8	.8	.6										1981		10.17	10.12	10.06									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.4	2.9	5.2	4.1	4.3	4.0	1.6	2.2	3.2	2.7	3.3	2.8	4.2	1977	38.3	35.5	38.4	37.9	38.7	38.2	39.4	35.6	38.6	39.0	38.3	40.1	39.7
1978	3.9	3.9	4.7	5.7	4.6	3.0	1.6	2.0	3.4	3.1	3.4	5.0	6.0	1978	38.6	38.4	38.7	39.7	38.7	39.0	41.9	36.1	38.4	38.2	36.6	38.2	39.2
1979	4.1	5.6	4.5	5.3	4.1	3.7	2.2	2.3	3.3	3.5	4.9	5.9	3.2	1979	38.2	36.1	36.1	38.2	38.0	39.3	39.5	35.4	38.0	38.6	38.2	40.2	40.5
1980	3.5	4.2	5.3	5.0	2.7	1.9	2.1	2.2	3.4	3.0	2.9	5.0	3.7	1980	38.3	37.6	37.5	37.9	38.3	39.0	38.8	36.3	37.6	37.5	39.9	40.5	38.7
1981		3.7	4.4	6.3										1981		39.7	39.6	37.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.5	.3	.3	.6	1.0	.6	.7	2.0	1.6	1.1	.8	.4	1977	2.1	2.1	1.5	1.3	2.1	2.1	2.0	1.2	2.5	2.3	1.9	2.9	3.0
1978	1.0	.4	.5	.6	.7	.7	.7	.9	2.4	1.9	1.6	1.1	.5	1978	2.3	2.4	1.9	2.9	2.0	2.5	3.5	2.3	2.1	2.4	1.3	2.2	2.3
1979	.9	.7	.5	.8	.6	.9	.6	.6	1.8	1.6	1.2	.4	.5	1979	1.2	.2	.4	.6	.3	.7	.9	.9	1.3	2.6	1.6	2.1	2.9
1980	.7	.9	1.0	.4	.3	.3	.3	.5	1.2	1.5	.9	.6	.3	1980	1.8	1.4	.8	1.2	2.1	1.8	.8	.8	2.0	1.7	3.1	3.2	2.6
1981		.6	.6	.4										1981		3.3	3.4	1.0									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.8	1.8	4.1	3.0	3.1	2.1	.3	.8	.2	.3	1.4	1.3	3.3	1977	1.0	.5	.4	.7	1.2	2.4	1.6	.9	1.0	1.1	1.2	.7	.6
1978	2.0	2.5	3.0	3.9	3.0	1.3	.1	.3	.1	.4	.9	3.4	4.9	1978	1.5	.8	.9	.9	.7	2.5	2.4	1.4	2.0	1.8	1.8	1.3	1.2
1979	2.3	3.9	2.9	3.6	2.6	1.5	.8	1.2	.5	1.0	2.8	4.9	2.1	1979	1.6	1.6	1.4	1.3	1.7	1.8	3.0	.6	2.0	1.5	1.7	1.3	1.0
1980	1.9	2.5	3.4	3.3	1.4	.7	1.0	.9	1.3	.5	.9	3.7	2.8	1980	1.8	1.1	1.1	1.4	2.0	3.2	2.2	1.2	2.1	1.8	2.2	1.4	2.4
1981		2.0	2.8	4.9										1981		2.5	1.3	1.3									
SIC 211—CIGARETTES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	.4	.2	.1	.4	.4	.5	1.0	.2	.4	.5	.3	.2	
1977	45.1	49.7	49.8	44.1	44.3	42.2	44.0	43.5	44.5	45.2	44.6	44.2	44.7	1978	.6	.2	.2	.3	.2	.5	1.5	.6	.8	1.0	1.0	.6	.3
1978	44.6	45.0	44.4	43.9	43.7	43.6	44.4	45.0	45.1	44.7	44.9	45.2	45.6	1979	.6	.5	.6	.5	.5	.7	1.3	.3	.8	.7	.7	.5	.4
1979	45.7	45.7	45.4	45.2	45.4	45.2	46.0	46.4	46.2	46.0	45.8	45.5	45.6	1980	.7	.4	.4	.4	.8	.7	1.0	.5	.9	.8	1.1	.5	.6
1980	46.3	45.7	45.5	45.3	45.7	45.5	47.2	46.9	46.5	46.2	46.6	46.7	47.9	1981		1.1	.5	.4									
1981		47.7	47.8	47.5																							
WOMEN EMPLOYEES—IN THOUSANDS														1977	.1	.1	.1	(⁵)	.2	.2	(⁵)	.4	.2	.3	.3	(⁵)	(⁵)
1977	14.0	15.5	15.7	13.5	13.6	13.0	13.5	13.4	13.9	14.3	13.9	13.9	14.0	1978	.2	.1	.2	.3	.1	.4	.3	(⁵)	.6	.3	.2	.3	.1
1978	13.8	14.2	13.9	13.7	13.5	13.6	13.6	13.9	13.7	13.7	13.8	13.9	14.1	1979	.3	.2	.3	.3	.2	.3	.2	.2	.7	.3	.4	.2	.1
1979	14.1	14.2	14.0	14.0	13.8	13.8	13.9	13.9	14.2	14.3	14.3	14.2	14.2	1980	.3	.2	.2	.1	.2	.3	.2	(⁵)	.4	.2	.2	.2	1.0
1980	14.2	14.2	14.2	13.9	13.9	13.9	14.3	14.2	13.9	14.0	14.2	14.5	15.2	1981		.5	.2	.1									
1981		15.1	15.2	15.1																							
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	35.9	40.5	40.1	35.4	35.7	33.7	35.2	34.6	35.2	35.5	35.0	34.6	35.0	1977	1.2	1.0	1.6	.7	.9	2.7	.9	.9	2.3	1.1	1.4	.5	1.0
1978	34.7	35.1	34.5	34.1	33.8	33.7	34.3	34.9	34.8	34.7	35.1	35.4	35.8	1978	1.2	1.2	1.2	1.3	1.3	1.0	1.0	1.0	2.4	1.4	1.0	.9	.8
1979	35.5	35.8	35.4	35.1	35.3	35.2	35.8	36.2	35.9	35.6	35.4	35.1	35.2	1979	1.4	1.3	1.5	1.2	1.1	1.7	1.1	1.0	2.3	1.8	2.0	.8	.8
1980	35.2	35.2	34.9	34.7	34.9	34.5	35.7	35.8	35.4	34.9	35.1	35.4	35.8	1980	1.2	.9	1.7	1.0	1.3	1.1	1.0	.9	1.9	1.7	1.1	.9	.8
1981		35.9	36.1	35.9										1981		1.4	1.3	1.8									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	253.55	220.46	244.22	242.94	250.00	246.77	261.62	236.38	260.16	265.59	260.44	279.10	277.11	1977	.4	.2	.1	.1	.2	1.0	.2	.3	1.4	.5	.2	.1	.1
1978	284.87	270.72	274.00	298.62	280.19	285.09	314.25	270.03	287.23	289.94	273.04	288.79	297.14	1978	.4	.2	.2	.2	.2	.2	.2	.3	1.6	.6	.2	.2	.2
1979	301.78	271.83	274.72	293.76	296.40	308.51	305.34	277.54	301.34	316.91	308.27	328.84	336.56	1979	.4	.2	.1	.2	.2	.6	.2	.3	1.4	.9	.1	.2	.1
1980	353.89	315.09	323.25	332.38	341.25	340.86	354.63	337.59	357.20	358.88	394.61	404.19	383.13	1980	.2	.1	.5	.1	.1	.1	.1	.1	.9	.6	.1	.1	.1
1981		403.75	400.75	377.25										1981		.2	.1	.2									

See footnotes at end of tables.

SIC 211

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 211—CIGARETTES (Con.)														SIC 22—TEXTILE MILL PRODUCTS (Con.)													
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	0.2	0.1	0.7	(⁵)	(⁵)	0.8	(⁵)	(⁵)	(⁵)	(⁵)	0.5	(⁵)	0.5	1977	4.5	4.3	4.1	4.8	5.1	5.5	5.2	4.6	5.6	4.9	4.4	3.6	2.4
1978	(⁵)	(⁵)	(⁵)	0.2	0.2	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	0.2	1978	4.7	4.5	3.6	4.2	4.8	5.7	5.2	5.3	5.9	5.2	5.1	4.0	2.4
1979	.2	(⁵)	.4	.1	.1	(⁵)	(⁵)	0.2	(⁵)	0.1	(⁵)	1.0	(⁵)	1979	4.6	4.5	3.9	4.5	4.9	5.8	5.0	5.1	5.8	4.8	5.1	3.7	2.4
1980	.1	.1	.2	(⁵)	.1	.1	0.1	(⁵)	(⁵)	(⁵)	(⁵)	.1	.1	1980	3.6	4.5	3.9	4.3	4.0	3.8	3.4	4.0	3.9	3.7	3.5	2.7	2.0
1981	(⁵)	(⁵)	.4											1981		3.3	3.0	3.3									
SIC 22—TEXTILE MILL PRODUCTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	3.6	3.1	2.8	3.7	3.9	4.5	4.3	3.5	4.6	4.1	3.6	2.8	1.8
1977	910.2	897.9	901.3	907.0	912.8	915.4	925.6	900.2	915.3	913.5	911.4	913.3	908.6	1978	3.8	3.3	2.7	3.3	3.9	4.7	4.5	3.9	5.0	4.4	4.2	3.3	1.9
1978	899.1	902.7	902.9	901.6	898.4	900.7	906.1	882.2	898.8	901.6	897.9	899.6	897.2	1979	3.6	3.4	2.9	3.5	3.8	4.7	4.2	3.7	4.5	4.0	4.1	2.9	1.8
1979	885.1	893.6	893.1	891.3	886.5	887.4	894.5	868.5	882.4	879.5	880.1	882.8	881.6	1980	2.7	3.5	3.0	3.3	3.2	3.0	2.6	2.5	2.8	2.7	2.7	2.0	1.4
1980	852.7	874.7	874.3	875.9	870.9	859.3	842.1	809.8	842.5	843.3	845.4	847.8	846.1	1981		2.3	2.1	2.4									
1981		841.0	841.1	840.9																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	424.6	415.9	419.4	421.9	425.2	426.7	431.3	418.5	426.5	427.7	428.5	429.8	423.7	1977	.6	.9	1.0	.7	.7	.5	.5	.8	.6	.5	.5	.5	.4
1978	423.7	421.7	422.0	423.2	423.1	424.4	427.8	415.3	425.2	426.6	426.2	426.0	422.9	1978	.6	.8	.6	.6	.6	.5	.4	1.0	.6	.5	.5	.5	.3
1979	418.1	419.2	419.3	419.3	418.4	419.4	423.4	409.0	418.0	417.6	417.5	419.3	417.3	1979	.6	.7	.5	.6	.6	.6	.4	1.0	.8	.5	.7	.5	.3
1980	403.2	412.3	413.5	414.6	413.3	407.9	398.2	382.8	398.3	399.1	399.4	400.5	398.9	1980	.7	.7	.6	.6	.5	.5	.6	1.3	.9	.8	.6	.4	.4
1981		395.7	396.1	396.0										1981		.8	.6	.6									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	792.3	780.7	784.5	790.0	795.7	797.3	806.7	782.6	796.6	794.7	792.8	795.5	790.9	1977	4.6	4.3	3.9	4.3	4.7	5.0	4.7	5.3	6.3	5.3	4.4	3.9	3.6
1978	783.1	785.1	785.7	785.4	783.0	784.6	790.4	766.1	782.1	785.5	782.0	784.7	782.1	1978	4.7	4.0	3.7	4.4	4.7	5.0	4.7	5.5	6.3	5.6	5.1	4.3	3.5
1979	770.9	778.1	777.2	775.2	771.6	773.0	779.9	755.8	768.0	766.6	766.6	769.9	768.9	1979	4.8	4.5	3.8	4.8	4.8	5.2	4.8	5.5	6.5	5.2	4.9	4.0	3.4
1980	741.3	763.8	762.9	763.7	759.3	747.1	730.4	699.5	731.1	732.8	733.8	736.6	734.8	1980	4.1	4.3	4.0	4.0	4.8	4.7	4.2	5.1	4.8	3.8	3.7	3.0	2.6
1981		729.1	729.4	729.5										1981		3.4	3.0	3.4									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	161.20	150.92	154.79	156.35	155.60	156.75	159.53	161.60	164.43	166.05	166.46	168.92	169.33	1977	2.8	2.2	2.1	2.7	3.1	3.2	3.0	3.0	4.2	3.6	2.8	2.3	1.7
1978	173.72	163.88	166.82	169.30	169.29	170.11	172.19	173.23	177.83	179.89	178.57	180.67	183.23	1978	3.1	2.4	2.2	2.8	3.3	3.5	3.3	3.2	4.7	4.1	3.4	2.5	1.8
1979	188.26	180.35	179.50	182.61	172.93	181.65	185.19	185.93	192.23	196.66	197.96	201.13	203.01	1979	3.0	2.7	2.4	3.1	3.2	3.5	3.1	3.1	4.4	3.5	3.1	2.4	1.6
1980	203.71	201.31	200.33	201.64	196.31	195.42	195.62	195.20	203.84	208.95	210.27	213.99	218.41	1980	2.2	2.5	2.3	2.5	2.6	2.4	2.0	2.1	2.7	2.3	2.0	1.5	1.1
1981		213.47	213.47	214.94										1981		1.6	1.5	1.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	3.99	3.85	3.86	3.87	3.89	3.88	3.91	4.04	4.07	4.10	4.10	4.13	4.14	1977	.8	1.2	1.0	.6	.5	.7	.6	1.3	.9	.7	.6	.7	1.1
1978	4.30	4.17	4.16	4.17	4.18	4.19	4.21	4.32	4.38	4.42	4.42	4.45	4.48	1978	.7	.7	.7	.6	.5	.4	.4	1.3	.4	.5	.7	.8	.9
1979	4.66	4.52	4.51	4.52	4.48	4.53	4.55	4.66	4.77	4.82	4.84	4.87	4.88	1979	.8	.8	.5	.6	.6	.5	.6	1.3	.9	.6	.7	.8	1.1
1980	5.08	4.91	4.91	4.93	4.92	4.91	4.94	5.07	5.20	5.25	5.27	5.31	5.34	1980	1.0	.8	.7	.5	1.1	1.3	1.2	2.0	1.0	.7	.8	.8	.9
1981		5.35	5.35	5.36										1981		1.0	.7	.7									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	40.4	39.2	40.1	40.4	40.0	40.4	40.8	40.0	40.4	40.5	40.6	40.9	40.9	1977	160.3	164.6	164.2	162.7	162.0	161.4	162.5	159.2	158.1	158.4	156.8	156.7	156.9
1978	40.4	39.3	40.1	40.6	40.5	40.6	40.9	40.1	40.6	40.7	40.4	40.6	40.9	1978	150.0	155.1	154.0	153.1	151.2	149.3	148.4	145.0	147.4	147.9	148.5	149.2	150.4
1979	40.4	39.9	39.8	40.4	38.6	40.1	40.7	39.9	40.3	40.8	40.9	41.3	41.6	1979	150.9	150.9	150.5	151.4	151.0	150.9	151.0	149.2	150.6	150.0	150.0	152.4	153.3
1980	40.1	41.0	40.8	40.9	39.9	39.8	39.6	38.5	39.2	39.8	39.9	40.3	40.9	1980	150.1	153.2	152.9	151.7	151.8	151.6	151.1	145.5	149.2	149.2	148.1	148.9	148.3
1981		39.9	39.9	40.1										1981		147.2	146.3	144.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.5	3.1	3.3	3.5	3.3	3.7	3.8	3.3	3.6	3.7	3.6	3.8	3.6	1977	67.8	69.4	69.1	68.5	68.2	68.3	68.7	67.5	66.9	67.2	66.6	66.6	66.5
1978	3.6	3.4	3.6	3.6	3.6	3.6	3.8	3.4	3.7	3.8	3.6	3.8	3.8	1978	64.0	65.8	65.2	65.0	64.4	63.3	63.1	62.0	63.2	63.3	63.6	64.2	64.6
1979	3.5	3.4	3.4	3.6	2.3	3.4	3.6	3.2	3.5	3.8	3.8	4.0	4.0	1979	65.6	64.9	65.1	65.4	65.5	65.3	65.6	65.1	65.4	65.5	65.7	66.6	67.1
1980	3.2	3.7	3.7	3.8	3.3	3.0	2.8	2.4	2.8	3.0	3.0	3.2	3.5	1980	65.4	67.1	66.7	66.5	66.2	66.2	65.6	63.8	64.8	64.9	64.4	64.5	64.5
1981		3.2	3.1	3.1										1981		64.0	63.3	62.5									

See footnotes at end of tables.

MANUFACTURING

SIC 222

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 221—WEAVING MILLS, COTTON (Con.)														SIC 221—WEAVING MILLS, COTTON (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	144.5	148.5	148.2	146.7	146.3	145.5	146.6	143.6	142.5	142.7	141.1	141.1	141.4	1977	3.8	3.6	3.0	3.9	4.4	4.7	3.9	3.8	4.7	4.3	4.1	3.0	2.4
1978	134.9	139.7	138.6	137.9	136.3	134.2	133.4	129.8	132.3	132.8	133.6	134.3	135.8	1978	3.9	3.3	3.0	3.5	4.2	4.4	4.6	3.8	5.1	4.6	4.3	3.6	2.9
1979	136.0	136.0	135.8	136.5	136.3	136.2	136.2	134.4	135.3	135.1	135.0	137.2	138.1	1979	4.1	3.9	3.4	4.4	4.6	5.0	4.2	4.2	5.0	4.5	4.7	3.3	2.4
1980	134.8	137.9	137.6	136.7	136.8	136.3	135.9	130.0	133.8	133.7	132.8	133.4	133.0	1980	3.3	3.4	3.0	3.6	4.0	3.8	3.5	4.1	3.8	3.2	3.2	2.5	2.0
1981		131.7	130.9	128.9										1981		2.8	2.5	3.2									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	166.86	159.57	158.40	160.78	158.40	160.39	162.40	170.02	172.08	172.89	175.44	177.57	176.73	1977	2.5	2.2	2.0	2.6	3.0	3.0	2.6	2.2	3.3	2.9	2.5	1.9	1.5
1978	181.60	175.39	175.05	173.34	170.40	172.08	174.62	181.35	185.09	188.09	190.81	194.84	198.05	1978	2.7	2.2	1.8	2.3	2.9	3.0	2.9	2.6	3.7	3.3	3.1	2.4	1.7
1979	201.34	196.98	191.99	196.09	182.56	192.82	192.87	194.81	208.75	213.53	211.68	218.44	219.02	1979	2.7	2.4	2.3	3.0	3.2	3.4	2.9	2.7	3.5	3.1	2.9	2.1	1.5
1980	215.78	215.48	211.93	215.22	210.53	206.64	202.81	205.41	216.26	222.49	225.64	230.05	229.22	1980	2.0	2.2	2.0	2.4	2.6	2.4	2.1	2.0	2.2	2.0	1.8	1.3	1.0
1981		220.70	215.91	218.50										1981		1.4	1.2	1.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.12	3.94	3.95	3.96	3.98	3.97	4.00	4.24	4.27	4.29	4.30	4.31	4.30	1977	.3	.4	.2	.2	.2	.6	.2	.8	.2	.4	.5	.3	.2
1978	4.44	4.32	4.28	4.28	4.26	4.27	4.28	4.50	4.57	4.61	4.62	4.65	4.66	1978	.3	.2	.4	.3	.3	.3	.6	.4	.2	.3	.2	.2	.2
1979	4.84	4.69	4.66	4.68	4.61	4.68	4.67	4.81	5.03	5.06	5.04	5.08	5.07	1979	.2	.3	.2	.2	.1	.2	.1	.3	.2	.3	.5	.2	.1
1980	5.25	5.07	5.07	5.10	5.11	5.04	5.02	5.24	5.42	5.48	5.49	5.53	5.51	1980	.3	.1	.1	.1	.1	.2	.2	1.1	.5	.3	.4	.5	.4
1981		5.49	5.48	5.49										1981		.6	.5	.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 222—WEAVING MILLS, SYNTHETICS													
1977	40.5	40.5	40.1	40.6	39.8	40.4	40.6	40.1	40.3	40.3	40.8	41.2	41.1	ALL EMPLOYEES—IN THOUSANDS													
1978	40.9	40.6	40.9	40.5	40.0	40.3	40.8	40.3	40.5	40.8	41.3	41.9	42.5	1977	126.7	126.9	126.9	126.3	126.7	126.7	127.5	126.6	126.4	126.5	126.1	126.7	127.3
1979	41.6	42.0	41.2	41.9	39.6	41.2	41.3	40.5	41.5	42.2	42.0	43.0	43.2	1978	123.9	126.7	126.5	125.6	124.7	123.5	122.6	121.9	122.3	123.2	123.3	123.4	123.4
1980	41.1	42.5	41.8	42.2	41.2	41.0	40.4	39.2	39.9	40.6	41.1	41.6	41.6	1979	122.0	123.5	122.5	121.9	121.2	122.0	123.0	120.6	122.1	120.9	121.9	122.2	122.3
1981		40.2	39.4	39.8										1980	118.1	121.6	121.0	121.6	121.0	120.2	108.1	112.9	117.0	118.5	118.4	118.5	118.3
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		118.7	117.4	118.8									
1977	3.9	3.9	3.7	4.0	3.6	4.0	3.9	3.6	3.8	3.9	4.0	4.2	4.1	WOMEN EMPLOYEES—IN THOUSANDS													
1978	4.0	4.2	4.0	3.7	3.7	3.6	3.8	3.6	3.6	3.9	4.1	4.7	4.7	1977	51.1	50.8	50.9	50.8	50.9	51.0	51.3	51.1	51.1	51.1	51.0	51.3	51.3
1979	4.3	4.5	4.2	4.6	2.6	4.0	4.0	3.6	4.3	4.8	4.6	5.2	5.1	1978	50.0	51.1	50.9	50.5	50.3	49.7	49.3	48.9	49.0	49.8	50.1	50.1	50.1
1980	3.9	4.8	4.5	4.8	4.4	3.7	3.2	3.1	3.4	3.6	3.7	4.0	3.9	1979	50.3	50.1	49.9	49.7	50.0	50.4	50.7	49.7	50.5	50.3	50.8	50.9	50.6
1981		3.5	3.0	3.0										1980	48.6	50.2	50.2	50.0	50.3	49.6	44.4	46.1	48.1	48.7	48.7	48.6	48.6
ACCESSIONS PER 100 EMPLOYEES														1981		48.8	48.4	48.9									
1977	3.5	3.4	2.8	3.6	4.3	4.4	4.5	3.1	3.9	3.7	3.6	2.7	2.3	PRODUCTION WORKERS—IN THOUSANDS													
1978	3.7	3.5	2.7	2.8	3.6	4.2	4.2	3.3	4.8	4.1	4.5	3.8	2.6	1977	113.5	113.8	113.9	113.3	113.6	113.7	114.3	113.4	113.1	113.3	112.8	113.4	113.9
1979	4.3	4.3	3.6	4.7	5.1	5.4	4.7	4.2	5.0	4.3	4.6	3.4	2.2	1978	110.7	112.9	113.0	112.1	111.2	110.2	109.3	108.7	109.2	110.2	110.2	110.4	110.6
1980	3.1	3.8	3.2	3.8	4.0	3.9	3.3	3.5	3.0	2.8	2.8	2.1	1.4	1979	109.4	110.6	109.6	109.0	108.6	109.2	110.1	107.9	109.4	108.7	109.5	110.0	110.0
1981		2.1	2.1	2.4										1980	105.9	109.4	108.6	109.1	108.7	107.9	96.1	100.7	104.9	106.3	106.3	106.5	106.3
NEW HIRES PER 100 EMPLOYEES														1981		106.4	105.3	106.5									
1977	2.7	2.5	2.1	2.8	3.3	3.4	3.2	2.3	3.0	3.0	2.7	2.1	1.6	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	2.8	2.6	2.1	2.2	2.8	3.3	3.4	2.5	3.7	3.2	3.4	2.9	2.0	1977	170.96	160.40	161.60	161.60	164.43	166.03	168.91	175.91	175.01	177.12	177.53	181.38	182.23
1979	3.4	3.2	2.9	3.9	4.2	4.3	3.8	3.3	4.1	3.5	3.7	2.7	1.7	1978	188.48	177.42	180.50	180.96	183.10	183.52	183.52	191.86	195.72	196.98	195.67	198.34	198.13
1980	2.4	3.0	2.6	3.0	3.1	3.1	2.7	2.1	2.3	2.2	2.1	1.6	1.0	1979	202.86	196.24	194.94	196.35	184.54	196.24	195.82	203.20	204.93	213.69	213.09	215.97	217.85
1981		1.5	1.4	1.7										1980	216.77	217.24	213.50	214.76	204.02	207.77	207.55	213.86	221.13	222.49	224.66	229.07	228.52
RECALLS PER 100 EMPLOYEES														1981		230.74	231.01	232.96									
1977	.2	.2	.1	.1	.2	.2	.4	.2	.2	.1	.2	.1	.2	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.2	.2	.2	.2	.3	.2	.2	.2	.4	.3	.3	.3	.1	1977	4.18	3.99	4.00	4.00	4.07	4.02	4.07	4.28	4.30	4.32	4.35	4.36	4.37
1979	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	1978	4.52	4.37	4.36	4.35	4.37	4.38	4.38	4.59	4.66	4.65	4.67	4.67	4.74
1980	.2	.1	.1	.1	.2	.2	.1	1.0	.3	.1	.2	.1	.1	1979	4.90	4.74	4.72	4.72	4.66	4.74	4.73	4.92	5.06	5.10	5.11	5.13	5.15
1981		.2	.3	.2										1980	5.30	5.16	5.12	5.15	5.05	5.08	5.15	5.36	5.46	5.48	5.52	5.56	5.56
														1981		5.56	5.58	5.60									

See footnotes at end of tables.

SIC 222

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 222—WEAVING MILLS, SYNTHETICS (Con.)														SIC 223—WEAVING AND FINISHING MILLS, WOOL													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	40.9	40.2	40.4	40.4	40.4	41.3	41.5	41.1	40.7	41.0	41.0	41.6	41.7	1977	20.9	21.1	21.1	21.2	21.3	21.4	21.7	20.0	20.7	20.5	20.2	20.4	20.7
1978	41.7	40.6	41.4	41.6	41.9	41.9	41.9	41.8	42.0	42.0	41.9	42.2	41.8	1978	20.5	20.7	20.6	21.0	20.9	20.8	21.1	19.7	20.4	20.2	20.3	20.3	20.3
1979	41.4	41.4	41.3	41.6	39.6	41.4	41.4	41.3	40.5	41.9	41.7	42.1	42.3	1979	20.1	20.4	20.3	20.3	20.2	20.2	20.4	19.2	20.0	19.9	19.8	20.0	20.1
1980	40.9	42.1	41.7	41.7	40.4	40.9	40.3	39.9	40.5	40.6	40.7	41.2	41.1	1980	19.0	20.2	20.2	20.3	20.4	19.7	19.5	16.7	18.2	18.1	18.1	18.4	18.7
1981		41.5	41.4	41.6										1981		18.8	19.0	19.0									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.3	3.0	3.1	3.2	2.6	3.6	3.6	3.1	3.2	3.5	3.6	3.8	3.6	1977	7.9	7.9	8.0	7.9	8.0	8.3	8.3	7.5	7.8	7.7	7.6	7.8	7.9
1978	4.0	3.4	3.8	3.6	3.8	3.9	3.8	3.9	4.3	4.3	4.2	4.5	4.4	1978	7.9	7.9	7.8	8.0	8.0	8.0	8.0	7.6	7.6	7.8	7.9	7.9	7.9
1979	3.9	4.1	4.0	4.0	2.7	3.9	3.7	4.0	3.4	4.0	4.3	4.2	4.5	1979	7.8	7.9	7.9	7.8	7.8	7.8	7.8	7.4	7.9	7.9	7.9	8.0	8.0
1980	3.4	4.3	3.9	3.9	3.0	3.1	3.1	2.8	3.1	3.1	3.4	3.5	3.7	1980	7.4	8.0	7.9	7.9	8.0	7.7	7.6	6.6	7.0	7.0	7.0	7.1	7.1
1981		4.0	3.8	3.8										1981		7.3	7.3	7.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.8	3.6	3.0	3.7	4.7	5.0	4.2	3.5	4.4	4.6	3.9	3.3	2.2	1977	17.4	17.5	17.5	17.6	17.7	17.9	18.1	16.6	17.3	17.0	16.8	17.0	17.2
1978	4.3	3.9	3.0	3.7	4.2	5.3	4.6	5.7	5.1	5.0	5.0	4.1	2.6	1978	17.1	17.3	17.2	17.6	17.5	17.4	17.6	16.3	17.0	16.9	16.9	16.9	17.0
1979	4.1	4.1	3.3	4.0	4.7	5.1	4.7	4.5	4.7	4.3	4.5	3.5	2.1	1979	16.7	17.1	17.0	16.9	16.8	16.9	17.1	15.8	16.6	16.5	16.3	16.6	16.5
1980	3.1	3.5	3.0	3.5	3.0	3.5	2.7	4.3	3.5	3.1	3.1	2.4	2.0	1980	15.5	16.6	16.8	16.8	16.9	16.1	15.9	13.2	14.6	14.6	14.6	14.9	15.3
1981		2.6	2.1	2.5										1981		15.4	15.5	15.6									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.1	2.8	2.4	3.0	3.4	4.4	3.7	3.0	3.6	3.3	3.2	2.6	1.7	1977	164.83	153.27	159.95	159.57	160.37	160.39	164.43	160.78	167.66	168.80	172.06	172.03	177.57
1978	3.5	3.2	2.4	3.0	3.5	4.3	3.9	3.6	4.4	4.2	4.3	3.5	2.3	1978	180.37	170.68	171.50	177.53	175.87	180.09	181.36	176.55	182.10	188.52	184.87	187.01	189.77
1979	3.5	3.3	2.7	3.3	4.0	4.4	4.1	3.5	4.1	3.7	3.8	3.0	1.8	1979	191.83	186.86	185.14	187.68	180.45	187.33	193.93	186.98	192.85	196.26	197.11	200.29	206.17
1980	2.5	3.0	2.5	2.9	2.5	2.8	2.2	2.6	2.7	2.5	2.5	1.8	1.5	1980	208.92	203.50	200.09	204.11	203.31	204.80	209.84	208.03	210.94	214.27	212.93	216.80	223.69
1981		1.7	1.6	1.8										1981		225.35	225.09	231.99									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.4	.4	.3	.4	.9	.3	.3	.3	.4	1.0	.4	.4	.3	1977	4.09	3.91	3.93	3.94	3.95	3.97	4.05	4.06	4.15	4.22	4.28	4.29	4.31
1978	.4	.4	.3	.3	.2	.4	.4	1.7	.3	.3	.3	.2	.1	1978	4.41	4.31	4.32	4.33	4.30	4.35	4.37	4.37	4.42	4.51	4.52	4.55	4.54
1979	.3	.3	.3	.3	.3	.3	.2	.7	.3	.3	.3	.2	.1	1979	4.76	4.58	4.56	4.60	4.58	4.66	4.73	4.77	4.87	4.87	4.94	4.97	4.98
1980	.4	.2	.2	.3	.2	.3	.3	1.5	.6	.4	.4	.3	.3	1980	5.21	5.00	5.04	5.09	5.07	5.12	5.22	5.28	5.30	5.33	5.35	5.42	5.39
1981		.7	.3	.4										1981		5.43	5.45	5.55									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.4	3.8	3.5	4.4	4.8	5.1	4.9	4.4	6.2	4.9	4.1	3.4	2.9	1977	40.3	39.2	40.7	40.5	40.6	40.4	40.6	39.6	40.4	40.0	40.2	40.1	41.2
1978	4.3	3.6	3.6	4.0	4.3	4.5	4.3	5.5	5.4	4.6	4.8	3.7	3.0	1978	40.9	39.6	39.7	41.0	40.9	41.4	41.5	40.4	41.2	41.8	40.9	41.1	41.8
1979	4.3	4.0	3.5	4.5	4.7	4.7	4.6	4.4	5.8	4.3	4.5	3.8	2.5	1979	40.3	40.8	40.6	40.8	39.4	40.2	41.0	39.2	39.6	40.3	39.9	40.3	41.4
1980	3.7	3.6	3.4	3.6	4.1	4.0	3.3	6.0	4.0	3.5	3.7	2.7	2.7	1980	40.1	40.7	39.7	40.1	40.1	40.0	40.2	39.4	39.8	40.2	39.8	40.0	41.5
1981		2.5	2.6	2.9										1981		41.5	41.3	41.8									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.7	2.3	2.1	2.9	3.2	3.3	2.8	2.8	3.7	3.1	2.6	2.2	1.6	1977	3.3	2.9	3.1	3.3	3.0	3.5	3.4	3.0	3.4	3.1	3.6	3.6	3.9
1978	3.0	2.3	2.2	2.7	3.1	3.3	3.0	3.1	4.1	3.7	3.5	2.6	2.0	1978	3.8	3.3	3.7	3.6	3.8	4.0	4.0	3.4	3.7	4.1	4.0	3.6	4.0
1979	3.0	2.8	2.4	3.2	3.4	3.4	3.2	3.0	4.1	3.1	3.0	2.4	1.5	1979	3.5	3.8	3.6	3.7	2.8	3.4	4.0	3.3	3.3	3.1	3.3	3.7	3.6
1980	2.0	2.2	2.1	2.4	2.4	2.3	1.7	2.0	2.4	2.2	1.9	1.4	1.1	1980	2.9	3.5	3.0	3.3	2.8	2.9	2.7	2.2	2.8	2.7	2.5	3.0	3.2
1981		1.4	1.4	1.5										1981		3.3	3.3	3.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.7	.6	.5	.6	.6	.6	1.1	.8	1.3	.7	.5	.4	.6	1977	4.7	4.9	3.7	4.6	5.8	4.8	5.7	4.3	5.1	4.6	5.1	4.5	2.9
1978	.4	.4	.6	.4	.3	.2	.3	1.5	.2	.1	.2	.2	.2	1978	5.1	3.7	3.8	4.3	4.6	5.9	6.0	6.6	5.6	5.9	5.3	4.9	4.1
1979	.3	.3	.2	.3	.3	.2	.2	.5	.5	.2	.3	.5	.3	1979	5.1	5.6	4.3	4.7	5.1	6.4	4.8	5.3	6.1	5.3	5.5	5.1	3.1
1980	.8	.4	.3	.3	.5	.8	.6	3.0	.7	.5	1.0	.6	.9	1980	3.9	4.9	4.2	4.2	4.1	3.4	3.2	3.1	2.7	3.6	4.7	4.3	4.1
1981		.4	.4	.4										1981		4.7	3.6	3.4									

See footnotes at end of tables.

MANUFACTURING

SIC 224

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 223—WEAVING AND FINISHING MILLS, WOOL (Con.)														SIC 224—NARROW FABRIC MILLS (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.6	3.6	2.9	3.6	4.0	4.0	4.8	3.1	4.1	3.7	3.6	3.0	2.3	1977	148.03	139.78	143.42	145.24	144.18	143.81	148.30	148.80	149.11	151.84	150.84	153.95	156.67
1978	4.2	2.9	3.1	3.5	4.1	5.2	5.3	5.1	4.8	5.1	4.6	4.0	3.2	1978	159.60	149.38	152.49	156.78	157.58	158.38	160.37	158.80	161.60	163.61	162.37	167.27	167.67
1979	4.2	4.5	3.7	3.9	4.4	5.2	4.2	4.2	4.5	4.6	4.3	3.9	2.7	1979	172.86	168.02	168.44	171.78	162.60	169.70	170.49	173.23	171.83	174.40	176.36	180.85	184.61
1980	2.6	3.2	3.1	3.5	3.2	2.4	2.0	1.8	1.6	2.1	2.6	2.5	2.6	1980	185.66	184.37	183.87	183.42	180.18	180.12	180.18	182.62	183.74	189.34	188.65	191.60	197.69
1981		3.3	2.7	2.7										1981		197.07	197.47	200.16									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.8	1.1	.6	.8	1.1	.5	.5	.9	.6	.6	1.2	1.1	.4	1977	3.71	3.64	3.64	3.64	3.65	3.65	3.68	3.72	3.70	3.74	3.79	3.82	3.84
1978	.5	.5	.4	.5	.3	.4	.4	1.0	.4	.6	.4	.6	.7	1978	4.00	3.89	3.91	3.90	3.92	3.93	3.95	4.00	4.05	4.08	4.09	4.13	4.14
1979	.7	.9	.4	.6	.5	.9	.4	.9	1.3	.5	.9	1.0	.3	1979	4.30	4.19	4.19	4.20	4.18	4.19	4.22	4.32	4.35	4.36	4.42	4.51	4.47
1980	1.1	1.4	1.0	.6	.7	.9	1.1	1.0	.9	1.4	1.9	1.7	1.3	1980	4.63	4.53	4.54	4.54	4.55	4.56	4.55	4.60	4.64	4.71	4.74	4.79	4.81
1981		1.2	.8	.6										1981		4.89	4.90	4.93									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.6	3.1	3.1	4.2	5.7	4.0	4.8	5.7	5.8	5.9	5.6	4.3	2.6	1977	39.9	38.4	39.4	39.9	39.5	39.4	40.3	40.0	40.3	40.6	39.8	40.3	40.8
1978	4.8	3.3	3.0	3.9	4.8	5.2	4.9	6.3	6.5	6.5	5.2	4.4	4.0	1978	39.9	38.4	39.0	40.2	40.2	40.3	40.6	39.7	39.9	40.1	39.7	40.5	40.5
1979	5.6	4.5	4.0	5.0	5.3	5.4	5.5	7.3	8.4	5.7	6.1	4.7	4.9	1979	40.2	40.1	40.2	40.9	38.9	40.5	40.4	40.1	39.5	40.0	39.9	40.1	41.3
1980	4.6	4.9	4.4	4.3	5.3	4.6	4.3	5.0	6.8	4.8	4.3	3.4	3.2	1980	40.1	40.7	40.5	40.4	39.6	39.5	39.6	39.7	39.6	40.2	39.8	40.0	41.1
1981		3.4	2.9	3.2										1981		40.3	40.3	40.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.7	1.9	1.9	2.4	3.1	2.8	3.1	3.0	3.8	3.8	2.8	2.4	1.4	1977	3.2	3.0	3.1	3.3	3.1	3.3	3.2	2.5	3.1	3.2	3.3	3.4	3.6
1978	3.3	2.1	1.9	2.7	3.5	3.5	3.5	3.8	5.1	4.6	3.3	2.9	2.5	1978	3.0	2.8	3.2	3.1	3.2	3.5	3.2	2.4	2.9	3.0	3.1	3.0	2.8
1979	3.3	3.1	2.8	3.3	3.5	3.6	3.4	3.3	5.1	4.0	3.6	2.6	1.9	1979	2.7	2.7	2.7	3.1	1.8	2.7	2.8	2.4	2.5	2.4	3.0	3.4	3.1
1980	2.1	2.7	2.3	2.4	2.8	1.9	1.5	1.6	2.5	2.0	1.9	1.7	1.3	1980	2.5	3.2	3.2	3.2	2.6	2.2	2.0	1.6	2.1	2.1	2.2	2.7	2.7
1981		1.5	1.1	1.5										1981		2.4	2.7	2.6									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.9	.5	.6	.7	1.2	.3	.5	1.7	1.0	1.2	1.9	1.1	.6	1977	4.4	4.1	3.5	4.5	4.5	4.8	3.8	5.9	5.6	4.3	4.6	4.4	2.4
1978	.6	.4	.3	.4	.3	.4	.3	1.2	.3	.9	1.0	.7	.7	1978	4.7	4.9	3.8	4.1	4.8	6.2	4.7	4.5	5.9	5.7	5.1	4.1	3.0
1979	1.1	.4	.4	.6	.6	.7	.8	2.8	1.8	.6	1.5	1.2	2.3	1979	4.9	4.5	4.3	4.1	4.6	5.1	5.0	10.6	5.8	4.4	4.6	3.4	3.2
1980	1.6	1.3	1.1	1.2	1.5	1.5	1.8	2.4	3.3	2.0	1.4	1.0	1.3	1980	4.7	4.1	4.1	5.1	4.4	3.5	4.1	11.3	4.2	4.6	4.2	4.8	2.5
1981		1.0	.7	.9										1981		4.5	3.5	4.2									
SIC 224—NARROW FABRIC MILLS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	3.2	2.9	2.7	3.5	3.7	3.9	2.8	2.7	4.2	3.4	3.4	3.4	1.9
1977	25.2	25.0	24.9	25.2	25.4	25.2	25.2	23.5	25.5	25.5	25.4	25.8	26.1	1978	4.0	3.9	3.1	3.5	4.2	5.4	4.0	3.1	5.1	5.3	4.5	3.4	2.5
1978	26.0	26.1	26.2	26.2	26.3	26.4	26.5	25.2	25.8	25.8	25.9	26.0	26.0	1979	3.6	3.7	3.5	3.5	3.7	4.5	4.4	3.5	4.6	3.6	3.3	2.7	2.1
1979	25.1	25.9	25.8	25.9	25.2	26.1	26.0	22.8	24.7	24.7	24.5	24.6	24.4	1980	2.9	3.0	3.2	4.0	3.0	2.2	2.1	2.4	2.7	3.6	3.3	3.6	1.8
1980	23.0	24.3	24.1	24.0	23.7	22.9	23.0	19.9	22.5	22.6	23.0	23.0	23.3	1981		3.3	2.2	3.0									
1981		23.5	23.7	23.8																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	14.6	14.5	14.3	14.6	14.6	14.7	14.5	13.5	14.6	14.7	14.7	15.1	15.1	1977	.9	.9	.6	.7	.6	.6	.8	3.0	1.1	.7	.8	.6	.4
1978	15.3	15.1	15.3	15.3	15.3	15.4	15.6	14.7	15.1	15.2	15.3	15.4	15.4	1978	.6	.8	.5	.5	.5	.5	.5	1.2	.7	.2	.4	.6	.4
1979	14.9	15.4	15.3	15.3	15.1	15.5	15.5	13.5	14.6	14.7	14.7	14.5	14.4	1979	1.1	.7	.7	.4	.7	.4	.3	6.9	1.0	.5	1.1	.4	1.0
1980	13.7	14.4	14.5	14.4	14.3	13.6	13.7	11.8	13.4	13.5	13.7	13.6	13.8	1980	1.5	.9	.7	.8	1.2	1.1	1.9	7.7	1.3	.9	.8	.8	.4
1981		14.0	14.1	14.2										1981		.7	1.1	1.0									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	22.0	21.7	21.6	22.0	22.2	22.0	22.0	20.4	22.1	22.3	22.2	22.6	22.8	1977	4.2	3.9	4.4	3.7	4.5	4.6	3.9	7.1	4.6	4.5	4.0	3.1	2.8
1978	22.8	22.8	23.0	23.0	23.0	23.1	23.3	22.1	22.4	22.6	22.6	22.8	22.8	1978	4.5	3.7	2.9	3.7	4.6	5.3	4.5	5.5	5.9	5.4	4.6	3.8	3.6
1979	21.9	22.7	22.6	22.7	22.2	22.8	22.8	19.9	21.5	21.6	21.4	21.5	21.4	1979	5.0	4.3	3.6	4.3	4.5	4.6	4.9	12.1	5.9	5.3	4.1	3.8	3.4
1980	20.2	21.6	21.3	21.3	20.9	20.0	20.1	17.0	19.6	19.8	20.1	20.1	20.3	1980	4.7	4.9	4.2	3.8	6.0	5.5	4.1	11.2	3.9	4.2	3.2	3.3	3.1
1981		20.6	20.9	20.8										1981		3.5	3.1	3.1									

See footnotes at end of tables.

SIC 224
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 224—NARROW FABRIC MILLS (Con.)														SIC 225—KNITTING MILLS (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.4	2.1	1.8	2.1	2.8	2.7	2.4	2.6	3.1	3.1	2.6	2.0	1.5	1977	2.8	2.3	2.6	2.8	2.7	3.0	3.1	2.7	2.8	3.0	2.9	2.9	2.6
1978	3.0	2.5	1.8	2.7	3.3	3.8	3.1	2.7	4.3	3.9	3.1	2.5	1.9	1978	2.8	2.2	2.7	2.9	2.9	3.0	3.2	2.8	3.0	2.9	2.7	2.6	
1979	2.8	2.2	2.1	2.8	2.9	3.2	2.8	3.0	4.1	3.3	2.9	2.2	1.7	1979	2.6	2.1	2.3	2.5	1.8	2.4	2.9	2.5	2.8	2.7	2.8	3.0	
1980	2.0	1.9	2.2	2.4	2.3	1.9	1.6	1.7	2.4	2.5	2.1	1.9	1.1	1980	2.5	2.8	3.0	3.0	2.5	2.4	2.4	2.1	2.3	2.2	2.2	2.3	
1981		1.6	1.3	1.8										1981		2.3	2.2	2.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.0	1.0	1.6	.7	.8	.8	.6	3.6	.5	.6	.6	.6	.7	1977	5.4	5.8	5.3	5.8	5.7	6.4	5.9	5.3	6.8	5.9	4.9	4.0	2.5
1978	.7	.5	.6	.4	.5	.6	.5	1.9	.6	.6	.7	.7	1.1	1978	5.3	5.3	4.7	5.4	5.6	6.9	6.2	6.1	6.5	5.5	5.3	3.9	2.5
1979	1.4	1.1	.7	.8	.7	.5	1.0	8.2	.8	1.3	.5	.5	1.0	1979	4.9	4.8	4.7	4.8	4.8	5.9	5.0	5.0	6.2	5.2	5.8	4.1	2.5
1980	1.9	2.2	1.1	.6	3.0	2.8	1.8	8.2	.8	.8	.6	.8	1.0	1980	4.1	5.4	4.9	4.7	4.6	4.3	4.1	3.7	4.2	4.3	3.8	2.8	2.1
1981		1.1	1.0	.5										1981		4.0	3.8	3.9									
SIC 225—KNITTING MILLS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	233.3	222.9	226.4	230.6	232.9	234.3	238.6	230.9	238.2	237.6	237.9	237.6	231.6	1977	4.2	3.8	3.5	4.4	4.4	5.3	5.1	4.2	5.7	5.0	4.2	3.1	1.8
1978	235.8	228.9	231.6	233.3	234.7	238.3	242.1	235.0	242.0	240.4	238.1	234.6	231.1	1978	4.3	4.0	3.4	4.1	4.5	5.8	5.4	4.9	5.5	4.6	4.6	3.1	1.8
1979	226.8	228.1	228.3	229.1	228.5	227.0	230.7	222.9	228.4	225.9	224.3	224.8	223.4	1979	3.7	3.3	3.0	3.4	3.5	4.6	4.1	3.9	4.9	4.2	4.7	3.1	1.8
1980	221.2	219.2	222.3	224.5	224.4	223.7	223.7	215.6	222.1	220.5	220.4	219.5	218.6	1980	3.1	4.2	3.7	3.8	3.6	3.4	3.3	2.9	3.3	3.2	2.9	2.1	1.4
1981		215.1	217.3	217.3										1981		2.6	2.7	2.9									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	149.4	142.0	145.3	147.7	148.5	149.6	152.4	147.1	152.0	152.2	153.6	154.2	148.2	1977	.9	1.7	1.6	1.2	1.0	.8	.7	1.0	.8	.7	.5	.8	.5
1978	152.7	147.7	149.1	150.6	151.5	154.5	156.9	152.2	157.2	156.2	154.6	152.6	149.0	1978	.8	1.0	1.0	1.1	.8	.8	.5	.9	.8	.7	.6	.7	.6
1979	145.4	146.3	145.9	146.5	146.3	145.6	148.4	142.4	146.4	145.0	144.0	144.8	143.6	1979	.9	1.1	1.0	1.2	1.0	1.0	.7	1.0	1.0	.8	.9	.9	.5
1980	141.8	140.1	142.7	144.1	143.9	143.3	143.1	137.9	142.0	141.4	141.3	141.3	140.2	1980	.8	1.0	1.1	.7	.8	.8	.7	.7	.8	1.0	.8	.6	.5
1981		136.9	138.0	138.2										1981		1.3	1.0	.9									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	201.0	191.0	194.6	198.7	200.8	201.9	206.0	198.5	205.7	205.0	205.0	205.2	199.3	1977	5.3	5.5	4.3	4.6	4.9	5.4	4.9	6.2	6.8	5.8	4.6	4.7	5.6
1978	204.2	197.5	200.4	201.9	203.6	206.9	210.8	203.1	209.4	208.0	205.9	203.3	199.1	1978	5.5	4.7	4.7	5.4	4.9	5.5	5.1	6.6	7.1	6.5	5.9	5.7	4.3
1979	196.1	196.4	196.2	197.1	197.0	196.1	199.9	193.0	197.5	195.7	194.4	195.2	194.2	1979	5.1	5.3	4.2	5.0	4.4	5.5	5.2	5.2	6.9	5.7	5.4	4.8	4.1
1980	192.1	190.6	193.8	195.2	195.2	194.3	194.6	186.8	192.8	191.6	190.8	190.2	188.9	1980	4.5	5.0	4.5	4.0	4.9	4.7	4.9	4.8	5.4	4.6	4.5	3.4	3.2
1981		185.6	187.7	188.1										1981		3.8	3.4	3.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	143.95	134.68	141.21	142.72	139.80	142.35	145.36	142.46	146.25	146.65	148.18	150.11	147.44	1977	3.1	2.2	2.1	2.8	3.4	3.5	3.3	3.5	4.9	4.1	3.2	2.7	2.0
1978	153.23	140.48	148.21	151.32	152.10	153.66	155.63	152.83	156.78	157.12	155.90	157.03	157.80	1978	3.5	2.7	2.5	3.2	3.5	4.0	3.7	4.0	5.5	4.6	3.8	2.7	1.9
1979	166.17	154.93	155.77	160.70	153.97	161.03	166.45	166.66	170.67	172.22	173.44	176.79	177.18	1979	3.1	2.9	2.5	3.1	3.0	3.6	3.2	3.2	4.8	3.8	3.3	2.7	1.7
1980	182.31	177.49	182.42	181.42	178.39	179.24	181.63	178.40	183.82	183.60	184.95	187.67	191.57	1980	2.4	2.6	2.6	2.5	2.7	2.5	2.3	2.2	3.3	2.7	2.3	1.5	1.2
1981		190.51	191.64	192.27										1981		1.9	1.8	2.0									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 2251—WOMEN'S HOSIERY, EXCEPT SOCKS													
1977	3.71	3.64	3.63	3.65	3.65	3.65	3.68	3.71	3.75	3.77	3.78	3.81	3.80	1977	1.2	2.3	1.1	1.0	.6	1.0	.7	1.9	.8	.8	.6	1.2	2.9
1978	3.98	3.87	3.89	3.89	3.92	3.93	3.95	3.98	4.02	4.06	4.06	4.10	4.12	1978	1.1	1.2	1.4	1.1	.6	.6	.4	1.5	.6	.8	1.2	2.1	1.7
1979	4.35	4.21	4.21	4.24	4.23	4.26	4.29	4.34	4.41	4.45	4.47	4.51	4.52	1979	1.2	1.5	.9	1.0	.7	1.1	1.0	1.1	1.0	1.0	1.2	1.4	1.8
1980	4.76	4.61	4.63	4.64	4.67	4.68	4.73	4.77	4.85	4.87	4.88	4.90	4.95	1980	1.3	1.4	.9	.6	1.3	1.3	1.6	1.8	1.2	1.0	1.5	1.1	1.5
1981		5.04	5.03	5.02										1981		1.2	1.0	.8									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	38.8	37.0	38.9	39.1	38.3	39.0	39.5	38.4	39.0	38.9	39.2	39.4	38.8	1977	28.0	28.8	28.8	28.6	28.2	27.9	27.9	27.1	27.6	27.5	27.6	27.8	27.9
1978	38.5	36.3	38.1	38.9	38.8	39.1	39.4	38.4	39.0	38.7	38.4	38.3	38.3	1978	28.6	27.6	27.4	27.3	26.9	27.8	28.2	27.6	29.1	29.5	30.1	30.9	31.1
1979	38.2	36.8	37.0	37.9	36.4	37.8	38.8	38.4	38.7	38.7	38.8	39.2	39.2	1979	31.1	31.0	31.1	31.1	30.8	30.8	31.3	30.8	31.2	31.1	31.4	31.5	31.3
1980	38.3	38.5	39.4	39.1	38.2	38.3	38.4	37.4	37.9	37.7	37.9	38.3	38.7	1980	30.1	31.0	31.1	30.9	30.7	30.5	30.4	29.7	29.8	29.6	29.2	29.2	29.2
1981		37.8	38.1	38.3										1981		29.0	28.8	28.4									

See footnotes at end of tables.

MANUFACTURING

SIC 2252

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2251—WOMEN'S HOSIERY, EXCEPT SOCKS (Con.)														SIC 2251—WOMEN'S HOSIERY, EXCEPT SOCKS (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	21.3	21.9	21.9	21.7	21.3	21.2	21.1	20.5	21.0	21.0	21.2	21.3	21.5	1977	0.5	0.7	0.5	0.5	0.4	0.6	0.7	0.7	0.8	0.6	0.3	0.5	0.3
1978	22.1	21.2	21.0	20.9	20.5	21.4	21.7	21.3	22.3	22.7	23.4	24.2	24.2	1978	.5	.4	.3	.4	.5	.6	.4	.4	.5	.7	.7	.5	.3
1979	24.3	24.1	24.2	24.2	23.8	24.0	24.5	23.8	24.2	24.3	24.6	24.7	24.6	1979	.4	.3	.2	.3	.3	.8	.6	.5	.4	.4	.6	.4	.2
1980	23.7	24.4	24.5	24.4	24.1	24.0	23.9	23.2	23.3	23.3	22.9	22.9	22.9	1980	.3	.3	.3	.1	.2	.3	.2	.5	.3	.3	.2	.3	.3
1981		22.6	22.5	22.1										1981		.3	.2	.7									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	24.7	25.4	25.5	25.3	24.8	24.6	24.6	23.9	24.4	24.2	24.4	24.6	24.7	1977	5.2	6.8	4.9	5.8	5.1	5.7	6.2	5.9	6.2	4.9	4.0	3.8	3.2
1978	25.5	24.5	24.4	24.3	23.9	24.8	25.2	24.6	25.8	26.3	26.9	27.7	27.8	1978	5.1	4.6	3.5	4.4	4.8	5.6	5.7	5.3	7.4	6.0	5.6	4.4	3.5
1979	27.9	27.6	27.8	27.8	27.5	27.6	28.1	27.6	27.9	27.9	28.2	28.4	28.4	1979	5.3	4.2	3.6	5.7	5.4	5.9	5.1	5.3	7.6	6.0	5.0	4.7	5.7
1980	27.2	28.2	28.3	28.0	27.7	27.6	27.6	26.9	26.9	26.7	26.2	26.3	26.1	1980	3.9	4.4	3.4	3.6	4.2	4.8	5.4	4.0	4.5	3.9	3.4	2.9	2.1
1981		26.0	25.9	25.4										1981		2.6	2.9	2.8									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	130.68	126.17	128.40	124.69	123.03	126.75	128.82	126.17	131.71	133.94	135.68	142.91	139.91	1977	3.1	2.5	2.2	3.2	3.3	3.1	3.0	4.2	4.9	3.8	2.8	2.5	2.0
1978	144.74	131.77	134.29	137.56	135.03	135.74	142.01	146.22	151.98	152.46	153.22	154.42	156.82	1978	3.8	2.6	2.3	2.9	3.6	4.5	4.5	4.2	6.1	4.4	4.4	3.2	2.5
1979	158.50	148.43	144.80	154.28	142.56	154.54	159.86	158.18	166.21	163.20	165.98	171.94	169.38	1979	3.9	3.2	2.7	4.2	3.7	4.2	4.0	3.9	6.3	5.0	3.9	3.6	2.2
1980	161.62	167.37	159.65	164.69	161.04	160.15	157.91	157.88	162.36	158.10	155.60	164.98	172.42	1980	2.5	3.2	2.6	2.5	2.9	2.9	2.2	2.4	3.5	2.6	2.5	2.0	1.1
1981		176.27	169.93	176.60										1981		2.0	1.7	1.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	3.43	3.41	3.37	3.37	3.38	3.38	3.39	3.41	3.43	3.47	3.47	3.52	3.56	1977	1.4	3.7	1.6	2.0	1.2	1.8	2.5	.9	.4	.5	.4	.7	.5
1978	3.74	3.62	3.61	3.62	3.62	3.61	3.66	3.73	3.79	3.85	3.84	3.88	3.96	1978	.4	1.5	.5	.7	.5	.2	.1	.1	.2	.2	.3	.4	.2
1979	4.16	3.99	4.00	4.06	4.05	4.11	4.12	4.13	4.24	4.25	4.30	4.32	4.31	1979	.6	.2	.2	.4	.5	.5	.3	.6	.4	.3	.3	.4	2.8
1980	4.44	4.37	4.35	4.38	4.40	4.34	4.35	4.41	4.51	4.53	4.51	4.57	4.66	1980	.6	.2	.2	.2	.4	1.1	2.4	.8	.2	.3	.3	.3	.5
1981		4.79	4.76	4.76										1981		.1	.7	.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2252—HOSIERY, NEC													
1977	38.1	37.0	38.1	37.0	36.4	37.5	38.0	37.0	38.4	38.6	39.1	40.6	39.3	ALL EMPLOYEES—IN THOUSANDS													
1978	38.7	36.4	37.2	38.0	37.3	37.6	38.8	39.2	40.1	39.6	39.9	39.8	39.6	1977	34.1	32.2	33.1	33.7	34.0	34.1	34.5	34.2	34.7	34.6	34.7	34.9	34.8
1979	38.1	37.2	36.2	38.0	35.2	37.6	38.8	38.3	39.2	38.4	38.6	39.8	39.3	1978	34.5	34.2	34.8	34.8	34.9	34.8	35.5	34.7	34.9	34.2	33.9	34.1	33.5
1980	36.4	38.3	36.7	37.6	36.6	36.9	36.3	35.8	36.0	34.9	34.5	36.1	37.0	1979	33.3	33.4	33.4	33.5	33.3	33.5	34.1	33.4	33.5	32.4	32.5	33.4	33.3
1981		36.8	35.7	37.1										1980	33.2	33.1	33.3	33.5	33.6	33.3	33.3	32.0	33.2	33.0	33.3	33.2	33.3
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		33.2	33.5	33.9									
1977	2.3	2.4	2.1	1.9	1.8	2.0	2.1	2.0	2.1	2.2	2.5	3.4	2.7	WOMEN EMPLOYEES—IN THOUSANDS													
1978	2.7	2.1	2.2	2.3	1.8	1.7	2.7	3.1	3.2	3.0	3.1	3.1	3.4	1977	24.5	23.1	23.6	24.1	24.3	24.4	24.8	24.7	25.0	24.9	25.1	25.3	25.1
1979	2.9	2.0	2.0	2.6	1.3	2.7	3.5	3.1	3.7	3.1	3.4	3.9	3.5	1978	25.2	24.7	25.2	25.2	25.4	25.4	25.8	25.3	25.6	25.2	25.0	25.1	24.7
1980	1.6	2.3	2.1	2.1	1.9	1.7	1.7	1.4	1.2	.9	.8	1.3	2.0	1979	24.1	24.4	24.4	24.3	24.2	24.4	24.8	24.2	24.2	23.2	23.2	24.1	24.0
1981		1.8	1.1	1.8										1980	23.8	23.8	23.9	24.0	24.1	23.8	23.7	22.7	24.0	23.8	24.0	24.0	24.1
ACCESSIONS PER 100 EMPLOYEES														1981		23.7	23.9	24.2									
1977	4.2	3.9	3.4	3.6	3.9	4.8	4.9	5.9	5.5	5.4	3.5	3.9	2.3	PRODUCTION WORKERS—IN THOUSANDS													
1978	5.7	4.7	3.3	4.0	5.2	7.4	6.8	6.4	7.0	7.0	7.5	5.7	3.0	1977	30.8	28.9	29.7	30.3	30.5	30.6	31.1	30.8	31.3	31.3	31.4	31.7	31.5
1979	5.4	5.0	3.6	5.2	5.0	6.9	6.4	5.8	6.6	6.0	6.5	4.9	2.6	1978	31.4	31.1	31.6	31.6	31.8	31.7	32.3	31.5	31.6	31.2	30.9	31.0	30.5
1980	3.2	5.0	3.2	3.5	3.3	3.2	3.0	3.1	3.4	3.0	2.8	2.7	1.6	1979	30.3	30.4	30.4	30.5	30.4	30.5	31.1	30.4	30.5	29.4	29.5	30.4	30.4
1981		2.0	1.9	2.6										1980	30.3	30.2	30.4	30.6	30.8	30.4	30.4	29.1	30.3	30.1	30.3	30.2	30.3
NEW HIRES PER 100 EMPLOYEES														1981		30.1	30.4	30.8									
1977	3.5	3.0	2.7	3.0	3.2	4.0	4.1	5.1	4.5	4.6	3.0	3.3	1.9	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.9	3.1	2.4	3.5	4.6	6.6	6.1	5.7	6.3	5.9	6.7	5.1	2.7	1977	132.48	120.60	129.70	129.79	126.11	130.52	134.46	132.10	136.85	135.55	140.85	141.02	134.17
1979	4.8	4.6	3.3	4.5	4.4	5.8	5.7	5.2	6.1	5.5	5.7	4.5	2.3	1978	139.13	124.51	139.08	139.07	138.00	140.22	142.08	139.13	143.63	143.24	141.26	140.82	141.66
1980	2.8	4.6	2.8	3.3	3.1	2.8	2.7	2.5	3.0	2.6	2.5	2.3	1.3	1979	150.14	139.44	139.74	146.03	140.49	146.77	151.93	154.57	156.11	153.09	159.60	160.70	156.24
1981		1.6	1.6	1.8										1980	166.21	161.94	168.30	162.63	155.01	156.20	164.05	161.37	166.53	172.33	172.96	177.17	174.93
														1981		175.38	180.40	181.93									

See footnotes at end of tables.

SIC 2252

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2252—HOSIERY, NEC (Con.)														SIC 2252—HOSIERY, NEC (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	3.45	3.35	3.36	3.38	3.39	3.39	3.43	3.44	3.50	3.53	3.53	3.57	3.54	1977	0.4	0.5	0.2	0.2	0.4	0.2	0.2	0.6	0.3	0.5	0.2	0.4	1.0
1978	3.74	3.63	3.66	3.65	3.68	3.69	3.70	3.72	3.76	3.83	3.87	3.89	3.86	1978	.4	.3	.3	.4	.2	.1	.2	.7	.5	.4	.3	.4	.9
1979	4.08	3.95	3.97	3.99	3.98	4.01	4.03	4.10	4.13	4.16	4.20	4.24	4.20	1979	.5	.4	.5	.4	.3	.4	.7	.3	.5	.4	.4	.4	1.2
1980	4.48	4.33	4.36	4.36	4.33	4.40	4.41	4.47	4.55	4.62	4.60	4.65	4.64	1980	.6	.4	.3	.3	1.6	.8	.8	.6	.7	.3	.5	.3	.8
1981		4.74	4.76	4.75										1981		.4	.2	.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2253—KNIT OUTERWEAR MILLS													
1977	38.4	36.0	38.6	38.4	37.2	38.5	39.2	38.4	39.1	38.4	39.9	39.5	37.9	ALL EMPLOYEES—IN THOUSANDS													
1978	37.2	34.3	38.0	38.1	37.5	38.0	38.4	37.4	38.2	37.4	36.5	36.2	36.7	1977	76.0	68.4	70.7	72.5	74.1	75.5	78.2	73.9	79.5	80.3	81.4	81.1	76.0
1979	36.8	35.3	35.2	36.6	35.3	36.6	37.7	37.7	37.8	36.8	38.0	37.9	37.2	1978	78.6	73.7	75.8	78.1	79.6	80.4	82.3	79.4	82.8	81.5	79.2	76.4	73.7
1980	37.1	37.4	38.6	37.3	35.8	35.5	37.2	36.1	36.6	37.3	37.6	38.1	37.7	1979	70.5	71.0	70.7	71.0	70.7	70.4	72.0	68.0	72.2	71.5	70.3	69.7	68.6
1981		37.0	37.9	38.3										1980	69.4	65.2	67.8	69.3	69.3	69.9	70.7	68.0	71.4	70.6	70.9	70.5	69.2
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.2	1.3	1.8	1.9	1.8	2.0	2.6	2.4	2.7	2.6	2.8	2.7	1.7	1977	54.2	48.4	50.7	51.7	52.6	53.5	55.7	52.4	56.8	57.5	58.8	59.1	53.7
1978	2.1	1.5	2.0	2.1	2.1	2.2	2.4	2.1	2.2	2.2	2.3	2.1	1.7	1978	56.6	53.3	54.8	56.5	57.5	58.1	59.4	57.1	59.8	58.9	57.0	54.7	52.2
1979	1.9	1.5	1.8	1.8	1.2	1.7	2.2	2.3	2.2	1.9	2.2	2.0	1.4	1979	49.6	49.8	49.4	49.8	49.7	49.9	51.0	48.0	50.7	50.3	49.5	48.9	47.9
1980	1.8	1.9	2.3	1.9	1.3	1.3	1.8	1.6	1.8	2.2	1.9	2.0	1.7	1980	48.2	44.8	46.9	48.1	48.2	48.7	49.2	47.2	49.5	48.9	49.4	49.3	48.1
1981		1.8	1.8	2.0										1981		46.3	47.3	47.8									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.1	4.1	4.6	5.1	4.8	5.8	5.8	5.6	7.0	5.9	6.1	4.1	2.0	1977	64.6	57.6	59.6	61.6	63.2	64.3	66.8	62.8	67.9	68.6	69.5	69.3	64.4
1978	5.1	5.4	4.2	4.4	4.9	6.0	5.8	5.9	6.7	5.7	5.9	4.1	2.1	1978	67.1	62.3	64.4	66.4	68.1	68.9	70.8	67.8	71.1	69.7	67.4	65.3	62.4
1979	4.9	4.8	4.5	4.6	4.6	6.6	5.7	5.3	5.4	5.0	6.7	4.0	1.9	1979	60.3	60.3	59.8	60.4	60.3	60.3	61.8	58.5	62.1	61.5	60.4	59.8	58.8
1980	4.2	5.8	4.9	5.2	4.7	4.1	4.0	3.8	4.9	4.7	4.1	2.8	1.4	1980	59.5	55.5	58.2	59.5	59.6	60.0	60.7	58.0	61.5	60.5	60.7	60.4	59.0
1981		3.6	3.4	4.2										1981		56.7	57.9	58.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.6	3.4	4.0	4.6	4.2	5.3	5.4	4.9	6.4	5.5	5.6	3.8	1.5	1977	140.62	131.36	140.21	141.71	137.25	139.09	143.21	137.63	142.87	142.13	144.78	144.40	141.37
1978	4.6	4.2	3.8	4.0	4.5	5.7	5.5	5.2	6.3	5.4	5.4	3.6	1.4	1978	146.57	134.40	142.84	146.69	147.42	148.60	150.11	147.71	150.02	148.37	146.80	147.86	147.42
1979	4.4	4.3	4.0	4.2	4.2	6.1	5.1	4.7	4.9	4.5	6.1	3.4	1.6	1979	159.27	145.31	147.03	151.37	146.91	154.71	158.38	160.45	165.35	169.56	168.52	171.11	173.94
1980	3.6	4.4	4.3	4.5	4.2	3.7	3.5	3.2	3.9	4.0	3.5	2.4	1.0	1980	179.63	171.61	176.22	175.10	174.09	179.33	182.28	178.04	183.26	181.93	183.74	183.94	186.73
1981		2.7	3.0	3.8										1981		184.88	186.62	184.50									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.4	.5	.4	.2	.4	.4	.3	.6	.4	.3	.4	.2	.5	1977	3.72	3.69	3.68	3.70	3.66	3.67	3.71	3.67	3.74	3.75	3.79	3.80	3.78
1978	.4	1.1	.3	.3	.3	.2	.3	.3	.3	.2	.3	.4	.7	1978	3.94	3.84	3.85	3.85	3.90	3.89	3.94	3.96	3.99	4.01	4.00	4.04	4.05
1979	.4	.4	.4	.3	.3	.4	.5	.5	.3	.3	.4	.4	.2	1979	4.27	4.14	4.13	4.17	4.15	4.17	4.19	4.29	4.34	4.37	4.40	4.41	4.46
1980	.5	1.2	.4	.3	.4	.3	.4	.5	.9	.6	.5	.4	.3	1980	4.69	4.54	4.53	4.56	4.63	4.67	4.71	4.71	4.76	4.75	4.76	4.79	4.85
1981		.8	.3	.3										1981		4.97	4.95	4.92									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.6	3.5	3.1	3.9	4.4	5.1	5.2	5.3	6.6	5.8	4.9	4.0	3.2	1977	37.8	35.6	38.1	38.3	37.5	37.9	38.6	37.5	38.2	37.9	38.2	38.0	37.4
1978	5.0	4.0	3.8	4.8	4.9	5.1	5.2	5.9	7.7	6.3	5.1	4.2	3.5	1978	37.2	35.0	37.1	38.1	37.8	38.2	38.1	37.3	37.6	37.0	36.7	36.6	36.4
1979	5.1	4.5	4.1	4.6	4.6	5.7	6.8	5.1	7.4	5.2	5.3	4.0	3.7	1979	37.3	35.1	35.6	36.3	35.4	37.1	37.8	37.4	38.1	38.8	38.3	38.8	39.0
1980	4.1	4.4	3.9	4.4	5.3	4.4	4.4	4.0	5.3	4.3	3.9	2.4	2.5	1980	38.3	37.8	38.9	38.4	37.6	38.4	38.7	37.8	38.5	38.3	38.6	38.4	38.5
1981		3.1	2.8	3.2										1981		37.2	37.7	37.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.7	2.4	2.4	3.2	3.4	4.3	4.4	4.1	5.8	4.7	4.1	3.1	1.8	1977	2.5	1.8	2.4	2.6	2.3	2.6	2.9	2.3	2.7	2.7	2.8	2.6	2.2
1978	3.9	3.1	2.9	3.6	4.1	4.2	4.1	4.5	6.4	5.0	4.1	3.2	2.0	1978	2.2	1.7	2.5	2.5	2.4	2.6	2.6	2.3	2.4	2.1	1.9	1.9	1.7
1979	3.8	3.5	3.0	3.5	3.7	4.7	4.1	4.5	6.0	4.2	4.2	3.1	2.1	1979	2.0	1.3	1.8	1.7	1.3	1.8	2.0	1.8	2.3	2.5	2.5	2.6	2.7
1980	2.9	3.5	3.0	3.5	3.1	2.8	2.9	2.7	3.7	3.4	2.8	1.6	1.4	1980	2.5	2.3	2.8	2.7	2.3	2.3	2.3	2.3	2.4	2.7	2.5	2.6	2.4
1981		2.0	2.1	2.3										1981		2.3	2.2	2.1									

See footnotes at end of tables.

MANUFACTURING

SIC 2254

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 2253—KNIT OUTERWEAR MILLS (Con.)														SIC 2254—KNIT UNDERWEAR MILLS (Con.)														
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS														
1977	6.1	6.6	6.3	7.0	6.6	7.7	6.8	5.9	8.3	5.9	5.4	4.2	2.8	1977	29.1	29.5	29.1	29.9	29.7	29.7	29.9	29.1	29.0	28.6	28.4	28.4	28.3	
1978	5.6	6.3	5.8	6.6	6.1	7.0	6.4	6.7	7.0	4.9	4.8	3.5	2.0	1978	29.0	29.3	29.4	29.2	29.2	29.6	29.5	28.8	28.9	28.7	28.7	28.4	28.1	
1979	5.4	5.0	5.0	4.9	5.2	6.1	5.6	6.0	8.0	5.9	6.0	3.9	2.6	1979	27.7	28.4	28.5	28.4	28.4	27.3	27.7	26.4	27.4	27.4	27.2	27.4	27.3	
1980	4.8	5.5	6.2	5.2	4.9	5.4	4.5	4.9	5.2	5.6	4.9	3.0	2.3	1980	27.0	27.1	27.0	26.9	26.7	26.8	27.3	26.6	26.8	26.8	26.9	27.1	27.4	
1981		4.5	5.0	4.2										1981		27.2	27.3	27.3										
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														
1977	4.6	4.4	3.9	4.9	4.9	6.0	5.7	4.2	6.8	5.1	4.4	3.1	2.2	1977	130.82	122.06	128.14	131.29	125.43	127.76	130.56	129.48	131.60	132.40	134.59	139.32	137.92	
1978	4.3	4.3	4.1	4.4	4.7	5.5	5.6	5.1	5.3	4.2	4.2	2.7	1.6	1978	141.00	129.17	139.49	140.61	141.36	141.73	145.88	138.38	141.00	142.12	143.25	144.02	145.92	
1979	3.7	3.1	2.7	2.7	3.2	4.3	4.4	4.2	5.6	4.8	4.7	3.1	1.9	1979	147.24	143.24	145.20	145.08	140.24	145.48	149.88	151.10	144.84	146.56	150.95	152.76	151.08	
1980	3.6	4.4	4.2	3.9	3.6	3.9	3.7	3.8	4.0	4.0	3.6	2.3	1.7	1980	168.18	155.94	166.66	169.50	167.26	169.72	167.35	169.55	166.16	168.36	169.46	173.45	174.94	
1981		3.2	3.3	3.0										1981		175.81	176.05	176.90										
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	1.2	1.9	2.2	1.9	1.5	1.3	1.0	1.5	1.2	.6	.7	.9	.4	1977	3.47	3.40	3.39	3.41	3.39	3.38	3.40	3.49	3.50	3.54	3.57	3.60	3.62	
1978	1.0	1.6	1.5	1.9	1.2	1.1	.5	1.4	1.4	.5	.4	.7	.3	1978	3.74	3.68	3.70	3.71	3.72	3.72	3.75	3.71	3.75	3.74	3.75	3.79	3.84	
1979	1.3	1.6	1.5	2.1	1.7	1.6	.9	1.5	2.1	.8	.9	.7	.6	1979	4.09	3.99	4.00	4.03	4.03	4.03	4.04	4.04	4.08	4.14	4.17	4.22	4.28	
1980	1.0	.8	1.7	1.0	1.0	1.3	.8	.9	.9	1.3	1.0	.5	.4	1980	4.57	4.43	4.48	4.52	4.57	4.55	4.56	4.57	4.59	4.60	4.63	4.65	4.69	
1981		1.1	1.4	1.1										1981		4.83	4.81	4.86										
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	6.0	6.2	4.5	4.8	5.5	6.2	4.6	7.7	7.8	6.2	5.0	5.1	8.4	1977	37.7	35.9	37.8	38.5	37.0	37.8	38.4	37.1	37.6	37.4	37.7	38.7	38.1	
1978	6.0	5.2	4.4	5.7	4.8	5.6	5.2	6.9	7.4	7.3	6.3	7.1	5.6	1978	37.7	35.1	37.7	37.9	38.0	38.1	38.9	37.3	37.6	38.0	38.2	38.0	38.0	
1979	5.4	6.8	4.3	4.5	4.2	5.6	5.6	5.7	6.9	5.9	5.5	4.8	4.6	1979	36.0	35.9	36.3	36.0	34.8	36.1	37.1	37.4	35.5	35.4	36.2	36.2	35.3	
1980	4.8	6.1	4.5	4.0	4.5	4.9	4.9	5.3	5.4	4.5	4.8	4.3	3.9	1980	36.8	35.2	37.2	37.5	36.6	37.3	36.7	37.1	36.2	36.6	36.6	37.3	37.3	
1981		4.4	4.4	4.2										1981		36.4	36.6	36.4										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	3.3	2.4	2.3	2.7	3.9	3.6	3.4	3.6	5.6	4.3	3.3	2.5	2.0	1977	1.8	1.4	1.4	1.9	1.6	1.9	2.0	1.6	1.8	1.8	1.9	2.1	2.2	
1978	3.5	2.9	2.5	3.2	3.4	4.1	3.7	4.0	5.5	4.8	3.7	2.5	1.8	1978	2.1	1.6	2.3	2.2	2.1	2.2	2.5	1.7	1.8	2.0	2.1	2.1	2.0	
1979	3.1	3.2	2.2	2.7	3.0	3.3	3.4	3.2	5.0	3.7	3.4	2.2	1.6	1979	1.2	1.3	1.4	1.2	.7	1.1	1.3	1.0	1.1	1.0	1.3	1.3	1.5	
1980	2.4	2.4	2.8	2.4	2.7	2.6	2.4	2.1	3.3	2.6	2.4	1.5	1.4	1980	1.5	1.1	1.5	1.7	1.7	1.6	1.4	1.4	1.3	1.5	1.4	1.6	1.7	
1981		2.1	2.0	2.1										1981		1.4	1.1	1.2										
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	1.9	3.1	1.7	1.5	.9	2.0	.5	3.4	1.0	1.1	.9	1.8	5.8	1977	4.7	4.4	4.7	5.2	4.9	4.8	5.4	4.0	5.9	5.7	5.0	4.1	2.2	
1978	1.6	1.7	1.3	1.3	.5	.6	.6	1.5	.8	1.6	1.9	3.8	3.3	1978	5.1	4.9	4.5	5.5	5.2	6.7	5.5	5.9	5.7	5.5	5.6	3.8	2.0	
1979	1.5	2.7	1.4	1.2	.6	1.5	1.5	1.7	1.0	1.1	1.0	1.9	2.4	1979	3.5	3.8	3.1	3.7	2.8	3.7	3.8	4.0	4.8	3.9	4.1	3.0	1.6	
1980	1.4	2.7	.8	.6	.9	1.2	1.5	2.2	1.1	.9	1.5	1.5	1.9	1980	3.2	3.5	3.1	4.6	3.4	3.4	3.5	2.8	3.1	3.4	3.1	2.4	2.2	
1981		1.4	1.8	1.4										1981		3.6	3.0	3.1										
SIC 2254—KNIT UNDERWEAR MILLS														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	4.1	3.8	3.3	4.3	4.5	4.3	4.9	3.6	5.2	5.2	4.5	3.6	1.9	
1977	33.7	34.2	33.5	34.5	34.3	34.4	34.6	33.7	33.6	33.0	33.0	33.0	32.8	1978	4.5	4.4	3.9	4.9	4.8	5.8	5.0	4.6	5.0	5.0	5.0	3.2	1.7	
1978	33.5	33.6	33.7	33.5	33.6	34.1	34.0	33.4	33.7	33.5	33.4	33.0	32.7	1979	2.9	3.1	2.6	3.2	2.5	3.3	3.1	3.5	3.9	3.2	3.6	2.0	1.3	
1979	32.0	32.9	33.0	33.1	33.1	31.8	32.0	30.6	31.8	31.7	31.3	31.5	31.4	1980	2.7	3.0	2.6	4.1	2.8	3.0	3.0	2.3	2.6	3.0	2.7	2.0	1.8	
1980	31.2	31.1	31.0	31.2	31.0	31.2	31.5	30.8	31.2	31.1	31.2	31.3	31.5	1981		2.7	2.5	2.7										
1981		31.3	31.5	31.4										RECALLS PER 100 EMPLOYEES														
WOMEN EMPLOYEES—IN THOUSANDS														1977	.5	.5	1.3	.9	.3	.4	.4	.2	.6	.4	.4	.4	.4	.3
1977	24.0	24.1	23.9	24.7	24.5	24.6	24.7	24.0	23.7	23.4	23.4	23.5	23.3	1978	.5	.4	.4	.5	.4	.7	.3	1.2	.5	.4	.5	.4	.2	
1978	24.6	24.1	24.0	24.1	24.3	24.9	25.0	24.5	24.7	24.8	24.9	25.0	24.3	1979	.4	.6	.4	.4	.2	.3	.5	.4	.7	.6	.4	.7	.1	
1979	24.2	24.8	24.8	24.9	25.1	23.8	24.2	23.0	24.1	24.0	23.8	24.1	24.0	1980	.3	.4	.4	.4	.3	.3	.3	.3	.4	.3	.3	.3	.3	
1980	23.7	23.8	24.1	24.1	23.7	23.9	24.0	23.3	23.3	23.5	23.5	23.8	23.8	1981		.7	.3	.3										
1981		23.6	23.7	23.6																								

See footnotes at end of tables.

SIC 2254

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 2254—KNIT UNDERWEAR MILLS (Con.)														SIC 2257—CIRCULAR KNIT FABRIC MILLS (Con.)														
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	4.3	5.5	3.3	3.6	4.2	4.5	3.9	4.8	6.5	5.2	4.3	3.8	2.5	1977	40.3	39.1	40.5	40.8	40.9	41.2	40.8	39.8	39.3	40.5	39.4	40.2	40.5	
1978	4.8	3.6	3.6	4.2	5.1	4.9	4.6	6.1	6.6	5.9	5.5	5.2	2.6	1978	40.8	39.1	40.0	40.9	41.9	41.7	41.7	39.2	40.8	41.4	41.0	40.5	41.1	
1979	3.8	3.7	3.6	3.7	3.6	4.1	3.9	4.1	5.4	4.2	4.0	3.3	2.1	1979	40.5	39.6	39.8	40.8	39.4	39.6	40.4	39.7	40.7	40.6	40.8	41.8	42.9	
1980	3.5	3.5	2.8	3.5	3.3	3.2	3.7	4.5	4.7	3.7	3.6	2.4	2.7	1980	41.2	42.5	43.4	43.0	41.9	40.8	41.0	39.8	40.4	39.9	39.9	40.0	40.9	
1981		3.4	2.8	3.2										1981		39.7	39.9	39.9										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	3.1	2.4	2.3	2.5	3.1	3.6	3.0	3.6	4.9	4.1	3.1	2.7	1.8	1977	3.9	3.7	4.0	4.1	4.7	4.8	4.1	3.9	3.3	4.3	3.2	3.5	3.5	
1978	3.7	2.7	2.8	3.4	3.9	3.7	3.6	4.2	5.4	5.0	4.3	3.2	1.9	1978	4.5	3.1	4.0	4.5	5.3	5.2	5.3	4.4	4.8	4.9	4.6	4.2	4.1	
1979	2.9	2.8	2.8	3.0	2.7	3.1	3.0	3.0	4.1	3.5	2.6	2.2	1.5	1979	4.3	3.8	4.1	4.6	3.9	4.2	4.7	3.9	3.9	4.1	4.0	4.8	5.4	
1980	2.2	2.6	2.0	2.5	2.5	2.1	2.1	2.2	3.3	2.6	2.3	1.5	1.1	1980	4.3	5.5	5.6	5.5	4.5	4.2	4.0	3.5	4.2	3.5	3.2	3.3	4.0	
1981		1.9	1.9	2.0										1981		3.0	3.0	2.9										
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	.4	2.0	.4	.4	.3	.2	.1	.3	.2	.1	.2	.3	.1	1977	5.5	7.9	6.7	6.7	6.3	6.5	5.4	3.8	4.5	6.7	4.0	3.8	3.1	
1978	.4	.1	.1	.4	.5	.3	.3	1.3	.4	.1	.5	.9	.3	1978	5.1	3.9	4.3	5.2	6.0	6.9	5.9	5.2	5.5	6.2	4.5	3.5	4.1	
1979	.4	.4	.4	.3	.5	.5	.3	.5	.5	.2	.9	.3	.2	1979	5.2	6.0	7.2	5.6	4.9	6.0	4.1	4.1	5.4	5.5	5.8	5.3	3.1	
1980	.6	.4	.3	.2	.1	.4	.8	1.6	.7	.5	.7	.3	1.0	1980	4.5	7.6	6.8	4.9	5.4	4.1	4.8	2.7	4.3	3.9	3.4	3.0	2.4	
1981		.9	.2	.5										1981		5.2	4.5	4.9										
SIC 2257—CIRCULAR KNIT FABRIC MILLS														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	3.8	3.9	3.8	4.8	4.3	5.5	4.5	3.4	3.7	4.9	3.1	2.1	1.8	
1977	36.1	35.3	36.0	36.6	36.8	36.7	37.0	36.2	36.2	36.3	35.7	35.4	34.9	1978	3.8	3.1	2.7	4.0	4.5	5.6	5.0	4.2	4.7	3.9	3.5	2.5	2.4	
1978	34.8	34.6	34.6	34.5	34.3	35.3	35.4	34.2	35.1	35.2	35.4	34.3	34.2	1979	3.7	2.9	3.8	4.5	3.6	4.7	3.4	2.9	4.5	3.6	4.6	3.4	2.3	
1979	34.2	33.9	34.1	34.1	34.3	34.3	35.1	34.6	34.0	33.8	33.8	33.9	34.2	1980	3.2	5.7	5.1	3.5	4.2	3.4	3.2	2.0	3.0	2.4	2.3	1.7	1.4	
1980	33.5	34.4	35.0	35.1	35.1	34.0	33.5	31.5	33.0	32.9	32.8	32.4	32.3	1981		2.6	2.7	3.3										
1981		31.7	31.7	32.0																								
WOMEN EMPLOYEES—IN THOUSANDS														1977	1.4	3.5	2.6	1.7	1.7	.8	.8	.3	.5	1.5	.6	1.5	1.1	
1977	15.2	14.9	15.6	15.8	15.7	15.6	15.6	15.1	14.9	14.8	14.8	14.7	14.4	1978	1.0	.7	1.3	1.2	1.2	.7	.6	.5	.6	2.0	.9	1.6		
1978	13.9	14.1	14.0	13.8	13.6	14.3	14.2	13.4	14.1	14.2	14.1	13.7	13.5	1979	1.1	1.9	1.5	.9	1.0	1.0	.5	1.0	.6	1.8	1.0	1.8	.6	
1979	13.3	13.1	13.1	13.1	13.3	13.3	13.7	13.5	13.3	13.3	13.2	13.3	13.5	1980	1.1	1.8	1.6	1.2	1.1	.5	1.5	.6	1.1	1.3	1.0	1.0	.9	
1980	13.0	13.6	13.9	13.9	13.9	13.2	12.9	12.2	12.7	12.7	12.5	12.4	12.4	1981		2.5	1.7	1.4										
1981		12.2	12.0	12.1																								
PRODUCTION WORKERS—IN THOUSANDS														1977	5.2	4.2	5.1	5.4	4.7	5.1	6.0	4.6	5.5	5.8	4.2	6.0	6.3	
1977	30.3	29.5	30.3	30.8	31.0	31.0	31.2	30.0	30.5	30.3	29.7	29.6	29.1	1978	5.7	3.9	6.2	5.8	4.5	6.6	5.0	8.7	5.7	6.6	5.2	5.7	4.2	
1978	29.3	28.9	29.2	29.1	28.9	29.9	30.1	28.5	29.6	29.7	29.8	29.0	28.4	1979	5.5	6.3	5.2	6.9	4.4	6.0	4.0	5.9	7.6	6.0	6.3	4.7	2.5	
1979	28.4	27.9	28.0	27.9	28.3	28.3	29.2	28.7	28.1	28.2	28.2	28.5	28.9	1980	5.2	5.4	7.0	3.9	6.4	5.6	5.6	5.2	6.1	6.2	4.7	3.1	3.0	
1980	28.3	29.2	29.8	29.8	29.8	28.8	28.3	26.5	27.7	28.0	27.6	27.2	27.2	1981		4.4	2.9	3.5										
1981		26.7	26.8	27.2																								
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	2.7	1.5	1.6	3.0	3.2	3.0	3.0	2.6	3.2	3.9	2.5	2.7	1.8	
1977	164.02	154.84	159.57	161.16	162.37	164.80	164.02	163.98	162.31	170.51	163.12	170.05	170.10	1978	3.0	1.9	1.9	3.2	3.1	4.0	3.2	3.2	4.2	3.7	3.1	2.5	1.8	
1978	179.11	166.57	170.80	175.46	179.75	180.98	182.65	172.09	181.15	185.89	184.91	183.06	186.18	1979	2.8	2.4	2.4	3.4	2.4	3.6	2.1	2.6	4.1	3.5	3.0	3.0	1.3	
1979	193.59	182.56	183.88	189.72	184.00	186.52	191.90	188.97	198.21	198.13	199.92	207.75	213.21	1980	2.2	2.4	3.0	2.1	3.0	2.3	2.3	2.0	3.1	2.3	2.0	1.4	.9	
1980	218.36	213.35	219.17	218.01	212.85	207.26	216.89	214.12	223.82	221.45	222.64	222.00	228.22	1981		1.7	1.5	2.1										
1981		219.14	220.25	219.45																								
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	.9	.6	.4	.3	.3	.4	.9	1.4	1.1	.6	.7	2.0	2.8	
1977	4.07	3.96	3.94	3.95	3.97	4.00	4.02	4.12	4.13	4.21	4.14	4.23	4.20	1978	1.3	.8	2.6	.7	.3	1.4	.7	4.1	.7	.4	1.0	2.2	1.0	
1978	4.39	4.26	4.27	4.29	4.29	4.34	4.38	4.39	4.44	4.49	4.51	4.52	4.53	1979	1.2	2.2	.8	1.1	1.0	1.2	.9	1.0	1.9	1.1	2.0	.7	.5	
1979	4.78	4.61	4.62	4.65	4.67	4.71	4.75	4.76	4.87	4.88	4.90	4.97	4.97	1980	1.6	.8	1.2	.6	2.0	2.1	2.0	2.7	1.6	2.0	2.1	1.3	1.5	
1980	5.30	5.02	5.05	5.07	5.08	5.08	5.29	5.38	5.54	5.55	5.58	5.55	5.58	1981		1.5	.6	.6										
1981		5.52	5.52	5.50																								

See footnotes at end of tables.

MANUFACTURING

SIC 2261

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.					
SIC 226—TEXTILE FINISHING, EXCEPT WOOL														SIC 226—TEXTILE FINISHING, EXCEPT WOOL (Con.)																		
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES																		
1977	80.8	79.6	79.5	80.1	81.3	81.8	82.9	80.6	81.2	80.9	79.8	80.9	80.6	1977	2.8	2.4	2.1	3.2	3.4	3.8	3.4	2.5	3.6	3.1	2.6	1.9	1.7					
1978	79.4	80.5	80.2	79.9	79.3	80.7	81.1	78.2	78.3	79.4	76.4	79.4	79.2	1978	2.7	2.4	2.0	2.9	3.0	3.5	2.9	3.0	3.4	3.1	2.6	2.3	1.3					
1979	77.9	79.5	79.3	78.9	78.3	78.3	78.4	75.6	76.3	76.8	77.9	77.5	77.9	1979	2.9	2.4	2.1	2.3	3.1	3.4	3.2	3.1	3.8	3.9	3.5	2.1	1.9					
1980	74.1	77.5	77.2	76.7	76.7	75.7	74.9	69.0	72.1	72.0	72.4	72.8	72.6	1980	2.5	3.2	2.6	3.4	3.2	2.9	2.2	1.4	2.3	2.2	2.6	2.0	1.4					
1981		72.0	72.1	72.4										1981		2.5	2.3	2.9														
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES																		
1977	24.2	23.9	23.9	24.1	24.6	24.4	24.6	24.0	24.2	24.3	24.0	24.3	24.2	1977	.7	.6	1.2	1.1	.8	.6	.5	1.2	.5	.3	.4	.6	.3					
1978	23.5	24.2	24.0	23.6	23.3	23.9	24.1	23.0	23.0	23.5	23.1	23.2	23.0	1978	.6	1.3	.5	.5	.4	.3	.3	1.4	1.0	.3	.7	.5	.3					
1979	23.1	22.9	22.9	23.0	23.1	23.4	23.4	22.6	23.0	23.3	23.6	23.2	23.2	1979	.7	.7	.5	.5	.6	.8	.4	2.1	.8	.5	.7	.4	.4					
1980	22.2	23.0	23.1	23.0	23.1	22.9	22.6	20.8	21.6	21.6	21.6	21.4	21.1	1980	.5	.8	.4	.5	.3	.6	.4	.5	.7	.8	.6	.3	.3					
1981		21.7	21.8	21.8										1981		.4	.5	.5														
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES																		
1977	68.4	67.3	67.1	67.8	68.9	69.2	70.3	68.0	68.8	68.5	67.5	68.7	68.3	1977	3.7	3.1	3.2	3.1	3.2	3.5	4.4	4.5	5.3	5.2	3.3	2.9	3.0					
1978	67.3	68.1	67.9	67.9	67.2	68.4	69.0	66.2	66.3	67.4	64.6	67.6	67.2	1978	3.7	3.1	2.2	3.0	3.3	3.7	3.6	5.3	5.1	4.9	4.5	2.9	2.6					
1979	65.6	67.3	66.8	66.6	65.9	65.9	66.0	63.5	64.3	64.7	65.7	65.3	65.7	1979	4.2	4.0	3.0	4.1	4.7	3.9	3.9	6.7	6.3	4.6	3.9	2.9	2.9					
1980	62.3	65.6	65.1	64.8	64.7	63.7	62.9	57.3	60.3	60.3	60.7	61.3	61.0	1980	3.8	3.7	3.8	4.0	4.2	4.4	4.6	4.8	4.2	3.8	3.1	2.7	2.3					
1981		60.4	60.3	60.8										1981		3.5	2.7	3.4														
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES																		
1977	176.35	159.47	169.32	172.23	176.40	171.81	175.98	171.50	179.66	183.94	182.65	183.85	189.16	1977	1.9	1.4	1.2	1.8	1.9	1.9	2.0	1.9	3.3	2.9	1.8	1.5	1.1					
1978	190.03	178.49	182.04	187.26	186.43	187.68	190.71	189.57	195.10	199.55	190.28	196.05	201.12	1978	2.1	1.6	1.2	2.0	2.2	2.3	2.3	1.9	3.4	2.9	2.2	1.6	1.0					
1979	203.94	191.20	195.77	195.43	188.81	193.66	203.34	194.71	205.73	217.18	215.79	219.63	224.12	1979	2.2	2.0	1.7	2.1	2.2	2.5	2.3	2.5	3.5	2.7	2.4	1.7	1.2					
1980	219.91	217.78	215.06	219.14	214.95	211.41	214.20	198.69	216.31	226.85	226.80	235.15	244.52	1980	1.8	2.2	1.8	2.3	2.1	2.1	1.8	1.6	2.3	1.9	1.8	1.2	1.0					
1981		231.99	234.43	238.14										1981		1.3	1.2	1.7														
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES																		
1977	4.27	4.11	4.15	4.15	4.18	4.14	4.18	4.32	4.35	4.39	4.38	4.43	4.43	1977	1.0	1.1	1.3	.5	.2	.6	1.3	1.8	.9	1.3	.7	.8	.9					
1978	4.59	4.44	4.44	4.48	4.46	4.49	4.53	4.59	4.69	4.74	4.71	4.77	4.80	1978	.7	.6	.3	.3	.3	.5	.3	2.4	.6	.9	1.4	.5	.8					
1979	4.95	4.78	4.81	4.79	4.78	4.77	4.83	4.88	5.03	5.11	5.15	5.18	5.20	1979	1.0	1.0	.5	.9	1.5	.4	.7	2.6	1.3	.9	.5	.5	1.0					
1980	5.39	5.21	5.22	5.23	5.23	5.22	5.25	5.37	5.49	5.56	5.60	5.68	5.74	1980	1.0	.5	1.3	.6	1.1	1.2	1.8	2.1	.8	1.0	.5	.8	.6					
1981		5.70	5.69	5.67										1981		1.3	.7	.8														
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2261—FINISHING PLANTS, COTTON																		
1977	41.3	38.8	40.8	41.5	42.2	41.5	42.1	39.7	41.3	41.9	41.7	41.5	42.7	ALL EMPLOYEES—IN THOUSANDS																		
1978	41.4	40.2	41.0	41.8	41.8	41.8	42.1	41.3	41.6	42.1	40.4	41.1	41.9	1977	33.2	32.9	32.6	32.7	33.3	33.4	33.9	32.9	33.3	33.2	32.7	33.5	33.8					
1979	41.2	40.0	40.7	40.8	39.5	40.6	42.1	39.9	40.9	42.5	41.9	42.4	43.1	1978	32.9	33.7	33.8	33.7	33.5	33.2	33.1	32.1	32.5	32.3	32.4	32.4	32.2					
1980	40.8	41.8	41.2	41.9	41.1	40.5	40.8	37.0	39.4	40.8	40.5	41.4	42.6	1979	31.2	32.1	31.9	31.6	31.2	31.3	31.3	30.2	30.5	30.5	31.0	31.1	31.1					
1981		40.7	41.2	42.0										1980	29.5	30.9	30.3	30.7	30.4	30.3	30.2	28.0	28.7	28.7	28.7	28.6	28.5					
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		28.0	28.1	27.9	WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.2	3.0	3.9	4.1	4.5	4.2	4.5	3.3	4.3	4.6	4.3	4.5	4.6	1977	9.9	9.7	9.6	9.8	10.0	10.0	10.0	9.9	9.9	9.9	9.9	10.1	10.2					
1978	4.2	4.0	4.0	4.5	4.3	4.3	4.5	3.3	4.1	4.5	3.7	4.1	4.8	1978	10.0	10.2	10.1	10.1	10.1	10.0	9.9	9.8	9.9	9.9	10.0	10.0	9.8					
1979	3.6	3.3	3.7	3.4	2.1	3.2	4.1	2.7	3.4	4.3	4.1	4.3	4.4	1979	9.7	9.8	9.8	9.6	9.6	9.7	9.7	9.6	9.6	9.6	9.7	9.7	9.7					
1980	3.5	3.8	3.8	4.1	3.6	3.3	3.3	2.1	2.8	3.4	3.3	4.0	4.4	1980	9.4	9.5	9.6	9.6	9.7	9.7	9.6	9.1	9.3	9.2	9.2	9.0	8.8					
1981		3.7	3.6	3.9										1981		9.4	9.4	9.3														
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS																		
1977	3.8	3.2	3.4	4.7	4.7	4.7	4.2	4.0	4.4	3.7	3.4	2.8	2.3	1977	27.6	27.2	26.9	27.2	27.7	27.7	28.2	27.3	27.8	27.6	27.2	28.0	28.3					
1978	3.6	4.0	2.7	3.6	3.7	4.2	3.5	5.1	4.7	3.7	3.7	3.0	1.7	1978	27.6	28.3	28.2	28.3	28.0	27.8	27.7	26.7	27.3	27.1	27.2	27.2	26.9					
1979	4.0	3.4	2.8	3.1	4.0	4.6	3.9	5.6	5.8	4.8	4.5	2.7	2.6	1979	26.0	26.9	26.7	26.5	26.0	26.1	26.1	25.2	25.4	25.4	25.9	26.0	26.0					
1980	3.2	4.4	3.3	4.1	3.8	3.7	3.0	2.1	3.2	3.3	3.6	2.4	1.8	1980	24.6	25.9	25.3	25.7	25.3	25.4	25.2	23.0	23.8	24.0	23.8	23.9	23.7					
1981		3.0	3.0	3.7										1981		23.3	23.1	23.1														

See footnotes at end of tables.

SIC 2261
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2261—FINISHING PLANTS, COTTON (Con.)														SIC 2262—FINISHING PLANTS, SYNTHETICS (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	177.55	155.74	166.36	169.74	177.66	173.47	176.82	171.30	178.57	186.43	190.00	191.56	194.79	1977	4.48	4.30	4.37	4.38	4.39	4.35	4.41	4.53	4.57	4.59	4.60	4.62	4.61
1978	192.51	181.40	180.95	188.90	187.23	186.26	189.32	191.63	197.60	203.34	194.25	200.86	209.23	1978	4.79	4.64	4.67	4.67	4.67	4.68	4.76	4.79	4.87	4.91	4.88	4.97	4.99
1979	207.65	195.05	200.72	197.88	184.99	193.12	201.88	196.61	214.76	222.60	221.23	230.26	229.82	1979	5.13	4.99	5.03	5.00	5.03	4.96	5.02	5.10	5.17	5.27	5.34	5.33	5.35
1980	223.16	221.96	221.20	224.39	219.63	217.18	219.60	193.28	219.74	225.50	224.22	240.53	251.50	1980	5.57	5.40	5.38	5.41	5.37	5.36	5.42	5.56	5.65	5.72	5.77	5.86	5.88
1981		232.76	234.84	243.02										1981		5.89	5.87	5.82									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.32	4.12	4.18	4.15	4.22	4.16	4.20	4.37	4.42	4.46	4.46	4.55	4.53	1977	41.7	39.7	41.4	42.2	42.4	41.6	42.5	40.5	42.6	42.5	41.4	41.3	42.2
1978	4.65	4.49	4.49	4.53	4.49	4.51	4.54	4.64	4.75	4.83	4.82	4.84	4.90	1978	41.9	40.8	41.8	41.4	41.7	42.4	43.0	41.5	42.3	42.8	41.2	41.0	42.2
1979	5.04	4.84	4.86	4.85	4.78	4.84	4.90	4.94	5.20	5.25	5.28	5.33	5.32	1979	41.7	40.5	40.7	40.9	40.2	42.1	43.3	40.0	41.1	43.0	42.4	42.6	43.6
1980	5.51	5.31	5.33	5.33	5.37	5.31	5.33	5.46	5.62	5.68	5.72	5.81	5.89	1980	41.2	41.6	40.9	41.7	41.2	40.1	41.0	38.6	40.0	41.7	41.9	42.1	43.3
1981		5.79	5.77	5.80										1981		41.7	42.6	42.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	41.1	37.8	39.8	40.9	42.1	41.7	42.1	39.2	40.4	41.8	42.6	42.1	43.0	1977	4.5	3.0	4.6	4.7	4.7	4.7	5.1	3.3	5.3	5.0	4.3	4.4	4.4
1978	41.4	40.4	40.3	41.7	41.7	41.3	41.7	41.3	41.6	42.1	40.3	41.5	42.7	1978	4.5	3.7	4.7	4.3	4.6	4.8	5.5	3.2	4.4	4.6	4.2	4.8	5.2
1979	41.2	40.3	41.3	40.8	38.7	39.9	41.2	39.8	41.3	42.4	41.9	43.2	43.2	1979	4.1	3.8	4.1	3.8	2.7	4.1	5.0	2.6	4.1	4.8	4.7	4.7	4.9
1980	40.5	41.8	41.5	42.1	40.9	40.9	41.2	35.4	39.1	39.7	39.2	41.4	42.7	1980	3.7	3.5	3.6	3.8	3.6	3.1	3.8	2.3	3.3	3.9	4.1	4.5	4.9
1981		40.2	40.7	41.9										1981		4.2	4.3	4.1									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														SIC 227—FLOOR COVERING MILLS													
1977	4.3	3.1	3.5	3.8	4.7	4.4	4.5	3.7	3.8	4.7	4.8	5.4	5.1	ALL EMPLOYEES—IN THOUSANDS													
1978	4.3	4.6	3.9	4.7	4.3	4.2	4.3	3.8	4.2	4.9	3.8	4.1	5.4	1977	59.9	57.7	58.2	59.2	59.5	59.8	60.2	59.4	60.3	60.6	61.2	61.3	61.1
1979	3.5	3.5	3.8	3.3	1.4	2.7	3.8	2.9	3.1	4.0	4.0	4.7	4.4	1978	60.9	61.1	60.3	60.2	60.5	60.3	60.8	59.7	61.0	61.7	62.1	61.8	61.8
1980	3.5	4.0	3.7	4.0	3.7	3.4	3.1	2.0	2.5	3.2	3.0	4.2	4.8	1979	60.5	61.3	61.8	61.4	60.4	60.4	61.6	60.4	60.3	60.5	59.9	59.7	58.8
1981		3.5	3.4	4.1										1980	54.4	58.2	57.6	57.5	55.9	53.8	52.7	51.2	52.9	53.6	53.1	53.2	53.0
														1981		52.6	52.4	52.5									
SIC 2262—FINISHING PLANTS, SYNTHETICS														WOMEN EMPLOYEES—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION WORKERS—IN THOUSANDS													
1977	30.1	29.7	29.9	30.1	30.4	30.5	30.8	30.3	30.1	30.0	29.8	30.0	30.0	1977	23.9	23.0	23.4	23.7	23.9	23.7	23.7	23.4	24.0	24.4	24.7	24.5	24.3
1978	29.8	29.7	29.4	29.8	29.9	30.5	30.8	29.8	29.2	30.4	27.5	30.4	30.6	1978	24.8	24.4	24.1	24.8	25.2	24.7	24.8	24.4	24.9	24.9	25.1	25.0	25.1
1979	30.1	30.8	31.0	30.9	30.6	30.2	30.4	29.2	29.3	29.6	29.9	29.6	30.2	1979	24.5	24.7	24.8	24.8	23.9	24.2	24.6	24.5	24.6	24.7	24.6	24.7	24.0
1980	28.7	30.0	30.0	28.9	29.4	28.8	28.6	26.1	28.3	28.1	28.5	28.8	28.9	1980	22.6	23.7	23.5	23.6	23.6	22.5	21.8	21.1	22.3	22.5	22.0	22.3	22.1
1981		28.8	28.9	29.2										1981		21.8	22.0	22.0									
WOMEN EMPLOYEES—IN THOUSANDS														PRODUCTION WORKERS—IN THOUSANDS													
1977	6.8	6.9	7.0	6.9	7.0	6.7	6.8	6.7	6.6	6.7	6.6	6.7	6.8	1977	48.3	46.4	47.1	47.8	48.2	48.4	48.4	47.7	48.5	48.8	49.5	49.7	49.6
1978	6.5	6.7	6.6	6.7	6.6	6.8	6.9	6.5	6.2	6.6	6.0	6.2	6.4	1978	49.3	49.3	48.3	48.3	48.8	48.7	49.2	48.1	49.5	50.1	50.6	50.5	50.4
1979	6.6	6.5	6.5	6.8	6.8	6.6	6.8	6.4	6.5	6.7	6.7	6.5	6.6	1979	49.4	49.8	50.4	50.1	49.1	49.2	50.5	49.3	49.2	49.4	48.9	48.6	47.7
1980	6.2	6.6	6.5	6.2	6.4	6.3	6.3	5.6	6.1	6.1	6.1	6.1	6.3	1980	44.3	47.7	47.1	46.8	45.6	43.8	42.8	41.8	43.1	43.6	43.1	43.3	43.1
1981		6.2	6.3	6.3										1981		42.6	42.3	42.3									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	25.9	25.7	25.8	25.9	26.2	26.2	26.5	25.9	25.8	25.6	25.8	25.8	25.8	1977	170.14	158.80	160.36	159.90	163.12	162.37	167.65	171.38	180.14	180.17	175.98	177.66	182.75
1978	25.6	25.4	25.3	25.6	25.8	26.2	26.6	25.6	24.9	26.0	23.3	26.1	26.2	1978	185.15	170.28	172.99	181.88	180.13	179.70	183.52	182.86	191.20	195.11	189.28	193.28	198.09
1979	25.5	26.5	26.3	26.2	26.0	25.5	25.7	24.6	24.8	25.0	25.2	24.9	25.5	1979	197.89	189.78	192.98	193.12	174.96	190.76	199.18	196.50	206.42	205.76	205.80	208.16	211.37
1980	24.1	25.4	25.3	24.3	24.8	24.2	24.0	21.6	23.7	23.6	24.0	24.3	24.4	1980	208.52	198.45	201.38	201.80	193.44	195.05	197.61	201.55	215.61	226.59	221.66	219.51	233.92
1981		24.2	24.4	24.7										1981		220.00	217.40	216.38									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	186.82	170.71	180.92	184.84	186.14	180.96	187.43	183.47	194.68	195.08	190.44	190.81	194.54	1977	4.08	3.98	3.94	3.90	3.94	3.97	4.03	4.10	4.17	4.19	4.18	4.21	4.30
1978	200.70	189.31	195.21	193.34	194.74	198.43	204.68	198.79	206.00	210.15	201.06	203.77	210.58	1978	4.44	4.30	4.24	4.31	4.33	4.33	4.38	4.46	4.52	4.58	4.55	4.58	4.65
1979	213.92	202.10	204.72	204.50	202.21	208.82	217.37	204.00	212.49	226.61	226.42	227.06	233.26	1979	4.78	4.64	4.65	4.62	4.58	4.63	4.72	4.84	4.88	4.97	4.90	4.98	4.95
1980	229.48	224.64	220.04	225.60	221.24	214.94	222.22	226.00	238.52	241.76	246.71	254.60		1980	5.20	4.90	4.96	5.02	4.96	5.04	5.08	5.29	5.35	5.46	5.38	5.42	5.53
1981		245.61	250.06	247.35										1981		5.50	5.49	5.52									

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 227—FLOOR COVERING MILLS (Con.)														SIC 228—YARN AND THREAD MILLS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	41.7	39.9	40.7	41.0	41.4	40.9	41.6	41.8	43.2	43.0	42.1	42.2	42.5	1977	132.5	130.6	130.7	131.7	133.3	133.9	135.2	131.9	133.7	131.9	132.5	132.1	132.8
1978	41.7	39.6	40.8	42.2	41.6	41.5	41.9	41.0	42.3	42.6	41.6	42.2	42.6	1978	132.2	132.0	133.1	132.2	131.8	131.4	132.9	128.3	131.1	132.3	132.7	133.9	134.1
1979	41.4	40.9	41.5	41.8	38.2	41.2	42.2	40.6	42.3	41.4	42.0	41.8	42.7	1979	131.6	133.0	133.8	132.1	131.9	132.3	132.8	127.4	130.9	130.9	131.3	131.8	131.3
1980	40.1	40.5	40.6	40.2	39.0	38.7	38.9	38.1	40.3	41.5	41.2	40.5	42.3	1980	126.2	130.9	129.4	130.0	129.1	126.6	124.5	117.6	124.2	123.8	125.4	126.3	126.3
1981		40.0	39.6	39.2										1981		126.3	125.6	125.8									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.3	4.3	3.6	3.5	4.2	3.9	4.3	4.2	5.1	5.0	4.3	4.3	5.0	1977	64.7	63.3	63.3	64.0	65.3	65.5	66.3	64.2	65.0	64.9	65.1	64.8	65.1
1978	4.4	3.8	3.7	4.4	4.3	4.0	4.9	4.1	4.9	5.0	4.2	4.6	5.2	1978	64.7	64.3	64.7	64.4	64.4	64.2	65.0	62.1	64.2	64.9	65.4	66.3	66.4
1979	4.4	4.3	4.5	4.4	2.6	4.2	4.8	4.4	5.0	5.1	4.4	4.1	4.9	1979	65.2	65.7	66.0	65.3	65.4	65.9	66.1	62.7	64.9	65.1	65.1	65.3	64.9
1980	3.3	3.3	3.2	3.7	3.3	2.5	2.6	2.5	3.3	4.3	3.8	3.0	4.4	1980	61.8	64.4	63.6	64.3	63.5	62.5	60.6	56.8	60.6	60.4	61.3	62.0	61.9
1981		3.5	3.0	3.1										1981		61.8	61.4	61.6									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.2	4.0	3.1	4.6	4.2	4.9	4.9	3.8	6.2	4.6	4.5	3.4	1.7	1977	121.0	119.4	119.4	120.4	121.9	122.4	123.8	120.5	122.0	120.0	120.7	120.4	121.2
1978	4.3	3.4	1.9	4.3	5.0	5.0	5.8	4.2	6.6	5.5	4.9	3.2	1.8	1978	120.4	120.2	121.2	120.5	120.3	119.7	121.2	116.6	119.5	120.6	120.8	121.8	122.1
1979	4.2	4.0	3.2	3.8	4.1	5.4	5.1	4.6	5.5	4.9	5.3	2.8	1.7	1979	119.5	121.0	121.7	119.7	119.8	120.2	120.7	115.5	119.0	119.0	119.1	119.6	119.2
1980	3.0	2.8	3.0	3.8	2.5	1.9	1.8	4.5	4.7	3.8	3.1	2.3	1.7	1980	113.9	118.7	117.1	117.8	116.9	114.2	112.0	105.4	111.8	111.8	113.1	113.9	113.9
1981		2.6	2.9	3.2										1981		113.8	113.2	113.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.5	2.7	2.5	4.0	3.6	4.1	4.2	3.0	5.5	4.1	4.0	2.8	1.2	1977	152.15	142.13	145.44	148.42	147.74	148.78	151.89	155.01	156.24	158.21	155.86	159.01	158.26
1978	3.6	2.7	1.4	3.4	4.1	4.3	5.0	3.5	5.8	4.9	4.3	2.8	1.5	1978	163.61	156.38	157.93	160.31	159.92	160.31	162.72	163.62	167.28	170.57	168.49	168.47	168.89
1979	3.5	3.2	2.7	3.2	3.3	4.5	4.4	3.6	4.6	4.3	4.2	2.3	1.2	1979	176.14	167.56	167.16	169.64	163.44	168.82	172.16	174.80	181.85	186.18	187.01	189.61	189.61
1980	1.8	2.1	1.9	2.4	1.8	1.1	1.0	1.7	2.5	2.4	2.2	1.7	1.1	1980	190.40	190.03	189.52	190.81	185.78	184.12	182.03	182.88	188.16	193.75	195.03	199.10	204.41
1981		1.6	2.2	1.9										1981		199.90	200.80	200.90									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.5	1.0	.5	.4	.4	.6	.5	.6	.4	.3	.3	.4	.4	1977	3.72	3.58	3.60	3.62	3.63	3.62	3.66	3.79	3.82	3.84	3.82	3.85	3.86
1978	.5	.5	.4	.7	.7	.5	.6	.6	.6	.4	.4	.3	.2	1978	4.02	3.89	3.89	3.91	3.91	3.91	3.94	4.06	4.11	4.15	4.15	4.17	4.17
1979	.5	.4	.2	.4	.5	.4	.4	.8	.6	.4	.8	.3	.3	1979	4.36	4.21	4.20	4.22	4.18	4.21	4.23	4.37	4.49	4.53	4.55	4.58	4.58
1980	.9	.5	.9	1.0	.4	.6	.5	2.5	1.8	1.0	.7	.3	.4	1980	4.76	4.59	4.60	4.62	4.61	4.58	4.62	4.75	4.90	4.93	4.95	4.99	5.01
1981		.8	.4	.9										1981		5.01	5.02	5.01									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.2	4.4	3.4	4.2	4.4	4.2	4.1	5.3	5.4	4.4	4.2	3.2	2.7	1977	40.9	39.7	40.4	41.0	40.7	41.1	41.5	40.9	40.9	41.2	40.8	41.3	41.0
1978	4.0	3.7	3.2	3.6	4.1	4.7	4.5	3.2	5.9	4.9	4.4	3.1	2.8	1978	40.7	40.2	40.6	41.0	40.9	41.0	41.3	40.3	40.7	41.1	40.6	40.4	40.5
1979	4.4	3.8	3.3	4.1	4.3	4.4	3.3	4.9	7.9	5.8	4.3	4.0	2.6	1979	40.4	39.8	39.8	40.2	39.1	40.1	40.7	40.0	40.5	41.1	41.1	41.4	41.4
1980	3.6	4.4	3.2	3.4	5.0	4.6	3.6	3.8	3.7	3.3	3.2	2.6	2.2	1980	40.0	41.4	41.2	41.3	40.3	40.2	39.4	38.5	38.4	39.3	39.4	39.9	40.8
1981		2.9	2.8	3.1										1981		39.9	40.0	40.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.5	1.8	1.9	2.7	2.6	2.8	2.8	2.8	3.8	3.1	2.7	2.0	1.4	1977	3.7	3.2	3.4	3.9	3.6	3.9	4.0	3.6	3.7	3.8	3.6	3.9	3.7
1978	2.6	1.8	1.3	1.9	2.8	3.3	3.1	2.1	4.5	3.7	3.2	2.0	1.6	1978	3.7	3.7	3.8	3.9	3.8	3.8	3.9	3.7	3.6	3.9	3.7	3.5	3.4
1979	2.8	2.1	2.0	2.6	2.7	2.7	2.3	3.1	5.3	4.0	2.9	2.1	1.4	1979	3.5	3.3	3.3	3.5	2.6	3.4	3.7	3.1	3.6	3.8	4.0	4.0	4.0
1980	1.7	1.9	1.8	1.8	1.9	1.5	1.3	1.5	2.1	1.9	1.8	1.5	.8	1980	3.3	4.0	4.0	4.2	3.8	3.4	3.0	2.4	2.5	2.8	2.9	3.1	3.5
1981		1.1	1.0	1.4										1981		3.2	3.3	3.2									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	1.8	.7	.4	.8	.5	.2	.4	.4	.3	.6	.3	.6	1977	5.8	4.8	4.6	6.2	6.3	7.0	7.1	6.6	7.5	6.4	5.5	4.4	2.9
1978	.4	1.0	1.2	.6	.2	.3	.4	.3	.3	.2	.2	.3	.4	1978	5.9	5.8	4.9	4.9	6.3	6.9	6.3	6.8	8.0	6.8	6.8	5.3	2.3
1979	.6	.7	.3	.5	.5	.4	.2	.9	1.4	.6	.5	1.1	.6	1979	5.8	5.6	4.4	5.6	6.1	7.9	6.2	6.8	7.5	6.0	6.1	4.6	2.6
1980	1.1	1.4	.5	.6	2.2	2.2	1.3	1.5	.7	.6	.6	.4	.8	1980	4.4	5.6	4.6	5.4	5.3	4.6	3.8	5.0	4.6	3.6	4.4	3.1	2.2
1981		1.1	1.1	.7										1981		4.2	3.2	3.6									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 228—YARN AND THREAD MILLS (Con.)														SIC 2281—YARN MILLS, EXCEPT WOOL (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.8	3.8	3.8	4.9	5.3	6.0	6.2	5.3	6.5	5.7	4.6	3.7	2.3	1977	153.97	142.76	146.42	148.27	146.88	149.70	152.52	156.87	158.12	161.32	159.26	162.39	162.09
1978	5.0	4.7	3.8	4.1	5.3	5.8	5.5	5.1	7.0	5.9	5.8	4.5	2.0	1978	165.62	161.02	162.18	162.63	161.46	162.24	163.49	164.84	167.68	170.56	168.90	169.30	170.96
1979	4.7	4.5	3.6	4.7	5.0	6.7	5.3	5.3	5.8	4.9	4.8	3.8	2.2	1979	179.14	169.64	169.24	172.16	163.46	169.68	173.86	176.92	184.01	189.24	191.03	193.66	195.00
1980	3.5	4.6	3.8	4.4	4.4	4.0	3.2	3.7	3.4	2.8	3.6	2.5	1.6	1980	193.11	195.89	193.58	194.46	188.03	186.86	185.20	185.08	187.94	195.92	196.71	200.90	207.24
1981		3.2	2.5	3.0										1981		200.80	200.30	201.80									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.5	.6	.5	.7	.5	.4	.4	.9	.6	.3	.5	.4	.4	1977	3.71	3.56	3.58	3.59	3.60	3.59	3.64	3.78	3.81	3.85	3.81	3.83	3.85
1978	.6	.6	.9	.6	.7	.7	.4	1.4	.6	.5	.6	.5	.2	1978	4.02	3.88	3.88	3.90	3.90	3.90	3.93	4.07	4.12	4.16	4.16	4.17	4.18
1979	.7	.7	.4	.6	.8	.7	.5	1.0	1.2	.6	1.0	.5	.3	1979	4.38	4.22	4.21	4.23	4.17	4.20	4.22	4.39	4.51	4.56	4.57	4.60	4.61
1980	.6	.6	.5	.7	.6	.4	.4	.9	1.0	.6	.7	.4	.5	1980	4.78	4.62	4.62	4.63	4.62	4.58	4.63	4.77	4.92	4.96	4.98	5.01	5.03
1981		.8	.5	.4										1981		5.02	5.02	5.02									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.7	4.8	4.5	5.2	5.9	6.2	5.9	7.1	8.6	6.8	5.2	5.0	3.4	1977	41.5	40.1	40.9	41.3	40.8	41.7	41.9	41.5	41.5	41.9	41.8	42.4	42.1
1978	6.0	5.1	4.7	5.8	6.7	6.3	5.7	7.0	8.1	7.1	6.5	5.0	4.0	1978	41.2	41.5	41.8	41.7	41.4	41.6	41.6	40.5	40.7	41.0	40.6	40.6	40.9
1979	6.0	5.2	4.9	6.2	6.6	6.8	6.2	7.1	8.1	6.0	6.2	4.7	4.1	1979	40.9	40.2	40.2	40.7	39.2	40.4	41.2	40.3	40.8	41.5	41.8	42.1	42.3
1980	4.9	5.3	5.3	5.3	6.0	6.4	4.7	5.8	5.8	3.8	4.2	3.8	2.8	1980	40.4	42.4	41.9	42.0	40.7	40.8	40.0	38.8	38.2	39.5	39.5	40.1	41.2
1981		3.9	3.8	3.9										1981		40.0	39.9	40.2									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	4.0	3.1	2.9	4.0	4.3	4.7	4.5	4.7	5.9	4.9	3.9	3.2	2.2	1977	4.0	3.3	3.6	4.0	3.6	4.3	4.2	4.0	3.9	4.3	4.0	4.4	4.2
1978	4.3	3.7	3.5	4.1	5.0	4.9	4.4	4.4	6.4	5.5	4.7	3.4	2.2	1978	4.0	4.2	4.3	4.3	4.2	4.2	4.1	3.9	3.6	3.9	3.8	3.7	3.7
1979	4.2	3.8	3.5	4.7	4.6	5.1	4.4	4.5	5.9	4.5	4.3	3.1	2.1	1979	3.8	3.6	3.6	3.8	2.7	3.7	4.0	3.3	3.8	4.2	4.4	4.4	4.6
1980	3.0	3.7	3.4	3.7	3.8	3.4	2.7	3.4	3.6	2.6	2.7	2.0	1.4	1980	3.5	4.5	4.4	4.5	4.0	3.7	3.1	2.7	2.4	2.9	3.1	3.3	3.6
1981		2.2	2.3	2.5										1981		3.5	3.3	3.3									
LAYOFFS PER 100 EMPLOYEES														SIC 2282—THROWING AND WINDING MILLS													
1977	.6	.8	.6	.2	.5	.3	.2	1.2	1.2	.6	.4	.7	.4	ALL EMPLOYEES—IN THOUSANDS													
1978	.5	.4	.3	.6	.4	.3	.1	1.5	.3	.5	.6	.5	.9	1977	22.9	22.4	22.2	23.0	23.6	23.7	24.0	23.4	23.2	21.7	22.4	22.7	22.5
1979	.6	.3	.3	.4	.9	.3	.4	1.4	.8	.3	.6	.6	1.2	1978	23.6	22.3	22.7	22.7	23.0	22.4	23.2	23.0	23.7	24.3	24.8	25.1	25.5
1980	.8	.3	.8	.5	.9	1.4	.9	1.0	1.1	.6	.5	.9	.8	1979	24.9	25.5	25.9	25.8	25.8	25.8	25.6	23.9	24.4	24.4	24.6	23.9	23.0
1981		.8	.6	.6										1980	21.0	22.7	22.3	22.1	22.1	20.8	20.0	19.4	20.0	20.3	20.6	20.7	20.9
														1981		21.1	20.3	20.4									
SIC 2281—YARN MILLS, EXCEPT WOOL														WOMEN EMPLOYEES—IN THOUSANDS													
1977	86.7	86.1	86.0	86.0	86.7	87.1	87.7	86.1	87.1	86.7	86.9	87.1	87.1	1977	13.0	12.7	12.5	13.0	13.5	13.6	13.9	13.5	13.0	12.1	12.6	12.8	12.8
1978	87.5	87.0	87.8	87.7	87.3	87.6	88.5	86.3	86.6	87.3	87.7	88.1	87.9	1978	13.4	12.5	12.7	13.0	13.1	12.8	13.1	12.8	13.4	13.8	14.1	14.3	14.6
1979	86.4	87.3	88.0	86.3	86.0	86.4	86.9	83.9	86.1	86.1	86.1	86.9	86.9	1979	14.2	14.6	14.7	14.7	14.7	14.9	14.9	13.8	14.0	14.0	13.9	13.6	13.1
1980	84.3	86.6	85.5	86.1	85.4	84.2	84.1	79.7	83.7	83.1	84.2	84.8	84.7	1980	12.2	12.9	12.7	12.7	12.8	12.1	11.6	11.2	11.7	11.8	12.0	12.1	12.2
1981		84.5	84.6	84.6										1981		12.3	11.9	12.0									
WOMEN EMPLOYEES—IN THOUSANDS														PRODUCTION WORKERS—IN THOUSANDS													
1977	39.7	39.2	39.1	39.2	39.7	39.8	40.0	39.2	39.9	40.1	40.1	40.2	40.1	1977	20.5	20.0	19.9	20.6	21.2	21.3	21.6	21.1	20.7	19.1	19.9	20.3	20.0
1978	40.3	39.8	40.1	40.2	40.1	40.2	40.8	39.5	39.9	40.3	40.9	41.0	40.9	1978	20.9	19.8	20.0	20.2	20.5	19.8	20.6	20.4	21.1	21.7	22.1	22.4	22.7
1979	40.3	40.5	40.8	40.0	40.0	40.4	40.6	38.9	40.3	40.3	40.3	40.6	40.5	1979	22.0	22.8	23.1	23.0	23.0	22.9	22.8	21.1	21.6	21.6	21.5	20.9	20.2
1980	38.8	40.1	39.4	40.0	39.5	38.8	38.4	36.1	38.3	38.0	38.6	39.1	39.0	1980	18.4	19.8	19.5	19.4	19.4	18.1	17.3	16.9	17.3	17.8	18.1	18.2	18.4
1981		38.9	39.0	39.0										1981		18.5	17.9	18.0									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	80.4	80.0	79.8	79.9	80.5	80.8	81.5	79.8	80.8	80.3	80.5	80.6	80.8	1977	143.32	133.63	138.20	141.50	144.13	142.40	144.63	143.11	147.66	148.92	146.55	147.73	142.86
1978	81.0	80.5	81.4	81.3	80.9	81.2	82.0	79.8	80.1	80.7	81.1	81.4	81.3	1978	155.59	142.88	147.43	148.93	151.62	150.82	154.66	153.98	157.51	166.30	162.78	163.21	162.41
1979	79.9	80.6	81.3	79.4	79.3	79.9	80.4	77.4	79.8	79.7	79.8	80.6	80.5	1979	165.45	157.93	157.10	160.33	162.76	162.37	161.56	163.46	169.92	173.96	174.68	174.54	168.25
1980	77.6	80.2	79.0	79.6	78.8	77.4	77.3	73.0	76.9	76.4	77.4	77.9	77.8	1980	176.93	171.16	177.60	173.16	173.66	166.70	167.77	167.32	180.95	186.12	184.16	185.64	188.73
1981		77.6	77.6	77.7										1981		190.48	190.30	188.94									

See footnotes at end of tables.

MANUFACTURING

SIC 229

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 2282—THROWING AND WINDING MILLS (Con.)														SIC 229—MISCELLANEOUS TEXTILE GOODS (Con.)														
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	3.61	3.48	3.49	3.52	3.55	3.56	3.58	3.66	3.71	3.65	3.71	3.74	3.73	1977	41.4	40.9	42.1	41.6	40.7	41.3	41.8	40.5	41.0	41.1	41.5	41.7	42.0	
1978	3.88	3.77	3.79	3.78	3.80	3.78	3.80	3.84	3.87	3.95	3.98	4.06	4.04	1978	41.1	40.6	40.5	41.1	41.3	41.2	41.9	40.3	41.4	41.4	40.9	41.2	41.6	
1979	4.21	4.06	4.07	4.09	4.11	4.09	4.09	4.17	4.28	4.36	4.40	4.43	4.37	1979	41.0	41.5	41.0	41.7	39.6	41.3	41.0	40.0	40.8	40.8	41.3	41.4	42.0	
1980	4.56	4.40	4.44	4.44	4.43	4.41	4.45	4.51	4.70	4.76	4.71	4.76	4.79	1980	41.2	41.9	41.0	41.4	40.6	39.8	40.2	39.3	40.9	41.8	41.8	42.3	43.0	
1981		4.81	4.83	4.82										1981		41.4	41.9	41.9										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	39.7	38.4	39.6	40.2	40.6	40.0	40.4	39.1	39.8	40.8	39.5	39.5	38.3	1977	4.0	3.6	4.1	3.8	3.5	4.1	4.2	3.7	4.1	4.2	4.2	4.1	3.8	
1978	40.1	37.9	38.9	39.4	39.9	39.9	40.7	40.1	40.7	42.1	40.9	40.2	40.2	1978	3.9	3.9	4.0	3.7	3.7	3.9	3.9	3.4	4.0	4.3	4.2	3.7	3.9	
1979	39.3	38.9	38.6	39.2	39.6	39.7	39.5	39.2	39.7	39.9	39.7	39.4	38.5	1979	3.5	4.1	3.6	3.9	2.5	3.5	3.3	2.6	3.5	3.6	3.9	3.6	3.6	
1980	38.8	38.9	40.0	39.0	39.2	37.8	37.7	37.1	38.5	39.1	39.1	39.0	39.4	1980	3.2	3.5	3.3	3.4	2.8	2.4	2.4	2.2	2.8	3.7	3.7	3.8	4.2	
1981		39.6	39.4	39.2										1981		3.6	3.8	3.8										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES														
1977	3.3	2.5	3.2	3.7	3.8	3.6	3.6	2.8	3.6	3.5	3.3	3.1	2.8	1977	4.2	4.0	6.2	4.1	4.2	4.7	4.3	4.5	5.2	4.4	3.7	3.4	2.3	
1978	3.4	2.8	2.9	3.0	3.2	3.2	3.9	2.9	3.7	4.2	3.7	3.5	3.2	1978	3.9	4.3	2.7	3.5	3.9	5.0	4.4	4.1	4.8	4.5	4.1	3.4	2.0	
1979	3.1	2.7	2.8	3.2	3.2	3.4	3.2	2.9	3.4	3.2	3.4	3.0	2.3	1979	3.8	4.1	3.5	3.7	4.1	5.0	4.6	3.5	4.5	3.7	3.6	3.2	2.3	
1980	3.1	2.3	3.5	3.4	3.4	3.1	3.2	2.2	3.1	3.4	2.8	3.1	3.5	1980	3.4	4.9	3.4	3.6	2.6	2.5	3.5	3.9	4.7	4.6	3.2	2.4	1.9	
1981		3.1	3.3	3.1										1981		2.5	3.1	3.2										
SIC 229—MISCELLANEOUS TEXTILE GOODS														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	2.9	2.1	2.4	2.6	3.0	3.4	3.4	3.1	4.0	3.4	2.9	2.5	1.6	
1977	70.6	69.5	69.4	70.0	70.4	70.9	71.8	68.1	71.2	71.6	71.5	71.8	71.5	1978	3.0	2.3	1.9	2.7	2.9	4.3	3.6	2.7	4.1	3.6	3.3	2.8	1.6	
1978	70.4	71.6	70.4	70.1	69.0	70.0	70.6	69.2	70.5	70.7	70.6	71.0	70.9	1979	2.9	2.9	2.7	2.8	2.8	4.0	3.8	2.6	3.5	3.0	2.7	2.3	1.5	
1979	70.2	71.0	70.8	70.3	69.8	70.2	70.6	70.4	69.1	69.9	70.5	69.8	70.1	1980	1.9	2.4	2.2	2.1	1.9	1.7	1.9	1.5	2.3	2.4	2.0	1.7	1.2	
1980	66.5	69.6	69.6	69.6	67.9	65.1	64.6	61.4	64.3	65.0	66.5	67.2	67.0	1981		1.7	1.9	2.1										
1981		66.8	67.3	67.1																								
WOMEN EMPLOYEES—IN THOUSANDS														1977	1.0	1.6	3.4	1.1	.8	.9	.5	1.1	.8	.7	.6	.6	.4	
1977	21.1	21.1	21.2	20.6	21.2	21.2	21.5	20.2	20.9	21.2	21.2	21.2	21.1	1978	.6	1.7	.5	.6	.7	.3	.4	1.1	.5	.5	.5	.2		
1978	21.0	21.2	20.9	21.0	20.7	20.7	21.0	20.4	21.0	21.0	21.1	21.3	21.4	1979	.6	.8	.6	.5	1.0	.6	.4	.7	.7	.5	.6	.7	.5	
1979	21.3	21.3	21.5	21.5	21.3	21.3	21.3	21.1	20.7	21.1	21.1	21.3	21.5	1980	1.3	2.4	.7	1.3	.5	.6	1.5	2.1	2.1	2.0	1.0	.6	.5	
1980	19.7	21.4	21.3	20.8	20.4	19.6	18.8	17.9	18.5	19.1	19.4	19.7	19.6	1981		.6	.9	.9										
1981		19.4	19.8	19.5																								
PRODUCTION WORKERS—IN THOUSANDS														1977	4.3	4.2	5.9	4.0	3.8	4.2	3.6	4.3	6.3	4.6	4.2	3.3	3.0	
1977	56.2	55.1	55.1	55.7	56.1	56.3	57.2	53.9	56.6	57.1	57.2	57.4	57.2	1978	4.1	3.5	2.9	3.8	4.8	4.5	4.2	4.1	6.3	4.7	3.9	3.5	3.4	
1978	56.4	57.3	56.1	56.2	55.1	56.0	56.6	55.2	56.5	56.9	56.8	57.1	57.1	1979	4.2	3.9	3.1	4.1	4.0	4.3	4.0	4.5	6.0	4.5	4.2	3.6	4.1	
1979	56.3	57.2	57.1	56.6	55.9	56.5	56.6	56.5	55.2	55.9	56.3	55.9	56.1	1980	3.9	4.3	3.5	3.3	5.2	5.4	4.4	4.9	5.1	2.9	2.7	2.7	2.1	
1980	52.3	55.7	55.5	55.2	53.6	50.8	50.1	47.3	50.2	51.1	52.3	53.0	53.0	1981		3.9	2.3	3.0										
1981		52.6	53.3	53.1																								
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	2.0	1.4	1.5	1.7	2.1	2.2	1.8	2.0	3.1	2.8	2.0	1.6	1.2	
1977	181.33	172.19	179.77	178.05	175.01	178.42	180.58	178.61	182.04	184.13	185.09	187.65	188.58	1978	2.2	1.5	1.3	2.0	2.4	2.6	2.2	1.9	4.1	3.2	2.3	1.9	1.4	
1978	194.40	185.54	185.49	188.24	189.98	192.82	194.42	191.02	197.89	199.96	199.18	200.64	206.34	1979	2.0	1.9	1.6	2.2	2.0	2.4	2.3	2.0	3.0	2.6	1.9	1.5	1.2	
1979	208.28	205.84	202.54	206.42	193.25	205.26	205.00	210.94	212.57	218.48	217.76	223.44		1980	1.5	1.8	1.7	1.5	1.8	1.5	1.3	1.2	2.3	1.6	1.3	1.1	.7	
1980	229.07	223.33	219.76	223.15	216.40	211.74	216.68	214.58	231.49	242.44	244.53	248.30	256.28	1981		.9	1.0	1.2										
1981		245.92	248.47	249.31																								
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	1.2	1.9	3.7	1.3	.5	.8	.7	1.3	1.7	.6	1.0	.5	1.0	
1977	4.38	4.21	4.27	4.28	4.30	4.32	4.32	4.41	4.44	4.48	4.46	4.50	4.49	1978	.9	1.0	.6	.8	1.3	.7	.9	1.3	.9	.5	.6	.8	1.1	
1978	4.73	4.57	4.58	4.58	4.60	4.68	4.64	4.74	4.78	4.83	4.87	4.87	4.96	1979	1.1	.9	.6	.8	.7	.6	.8	1.5	1.6	1.0	1.1	1.3	2.2	
1979	5.08	4.96	4.94	4.95	4.88	4.97	5.00	5.05	5.17	5.21	5.29	5.26	5.32	1980	1.5	1.3	.9	.9	2.4	2.9	2.2	2.6	1.5	.5	.6	1.0	.8	
1980	5.56	5.33	5.36	5.39	5.33	5.32	5.39	5.46	5.66	5.80	5.85	5.87	5.96	1981		2.3	.5	.8										
1981		5.94	5.93	5.95																								

See footnotes at end of tables.

SIC 23

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS														SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS (Con.)														
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES														
1977	1,316.3	1,273.4	1,299.6	1,309.8	1,308.9	1,320.3	1,341.5	1,274.8	1,324.2	1,336.1	1,341.2	1,342.4	1,322.8	1977	3.8	3.5	3.4	3.7	3.7	4.6	4.4	3.9	5.3	4.5	4.1	3.2	1.9	
1978	1,332.3	1,302.0	1,321.3	1,335.9	1,339.9	1,344.0	1,358.7	1,281.3	1,337.3	1,347.7	1,348.1	1,344.5	1,326.5	1978	3.9	3.6	3.2	3.6	3.9	4.5	4.4	4.2	5.2	5.0	4.4	3.2	1.8	
1979	1,304.3	1,312.9	1,320.3	1,326.0	1,323.5	1,322.5	1,328.9	1,267.4	1,296.7	1,295.9	1,302.0	1,288.4	1,267.4	1979	3.8	3.8	3.3	3.6	3.4	4.2	4.1	3.9	4.9	4.4	4.5	3.1	1.8	
1980	1,265.8	1,260.4	1,282.2	1,292.3	1,277.3	1,271.4	1,281.2	1,208.5	1,267.6	1,274.3	1,270.5	1,262.3	1,241.1	1980	3.3	4.0	3.7	3.9	3.6	3.6	3.3	3.4	3.9	3.9	3.0	2.4	1.5	
1981		1,222.8	1,238.7	1,250.2										1981		3.1	2.8	3.3										
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES														
1977	1,065.0	1,028.8	1,053.1	1,063.0	1,062.3	1,070.3	1,085.2	1,026.5	1,069.4	1,080.9	1,084.6	1,085.8	1,069.7	1977	1.6	2.3	2.0	1.7	1.6	1.6	1.6	2.0	1.8	1.2	1.5	1.1	1.0	
1978	1,081.2	1,053.0	1,072.3	1,083.8	1,088.9	1,092.3	1,103.7	1,035.5	1,085.0	1,094.8	1,095.4	1,092.9	1,077.0	1978	1.4	2.1	1.5	1.6	1.3	1.5	1.1	1.6	1.6	1.1	1.1	1.0	1.0	
1979	1,057.3	1,065.7	1,071.6	1,076.2	1,073.5	1,073.2	1,075.9	1,023.3	1,050.2	1,049.8	1,055.7	1,045.8	1,026.7	1979	1.5	2.2	1.4	1.4	1.5	1.7	1.4	1.8	1.8	1.5	1.5	1.2	1.1	
1980	1,023.4	1,022.1	1,040.5	1,049.2	1,038.0	1,033.7	1,038.5	975.5	1,021.5	1,025.6	1,022.4	1,014.3	999.4	1980	1.7	2.5	1.8	1.3	1.5	1.8	1.5	2.2	2.4	1.8	1.3	1.3	1.4	
1981		986.7	999.8	1,009.0										1981		2.3	1.7	1.8										
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	1,129.4	1,091.3	1,116.1	1,127.0	1,124.5	1,134.8	1,153.7	1,089.0	1,136.9	1,147.7	1,149.2	1,150.3	1,132.8	1977	6.0	5.8	5.0	5.6	6.1	6.5	5.7	7.8	7.2	6.3	5.5	5.0	5.2	
1978	1,144.6	1,115.5	1,134.5	1,147.3	1,151.7	1,156.4	1,170.1	1,096.8	1,151.6	1,160.8	1,159.5	1,155.2	1,136.2	1978	5.8	5.6	4.6	5.6	5.6	5.5	5.6	7.1	7.0	6.6	5.7	5.3	5.3	
1979	1,116.8	1,124.5	1,130.4	1,133.6	1,133.6	1,135.4	1,140.7	1,081.1	1,109.6	1,110.5	1,115.9	1,103.3	1,082.4	1979	6.0	6.0	4.9	5.7	5.6	5.9	5.8	7.1	8.0	6.2	6.1	5.7	5.4	
1980	1,081.6	1,075.7	1,096.6	1,106.8	1,091.6	1,086.3	1,096.2	1,026.9	1,084.0	1,090.0	1,086.8	1,079.6	1,058.6	1980	5.7	5.8	5.0	5.2	5.9	6.1	5.4	6.6	6.8	5.8	5.3	5.1	5.3	
1981		1,040.9	1,058.1	1,066.9										1981		5.5	4.4	5.0										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	128.87	119.95	124.96	127.09	124.60	126.74	131.04	127.80	129.60	131.01	132.84	133.93	135.74	1977	3.2	2.6	2.3	3.0	3.1	4.0	3.1	3.4	4.7	4.1	3.2	2.6	1.9	
1978	140.26	127.44	134.37	139.65	139.98	139.26	141.15	140.37	141.48	143.24	142.36	145.08	145.71	1978	3.3	2.7	2.3	3.0	3.3	3.5	3.4	3.7	4.9	4.5	3.6	2.7	1.9	
1979	149.32	143.94	145.18	147.97	141.70	147.07	149.88	150.17	149.88	150.73	153.01	153.79	157.24	1979	3.2	3.0	2.6	3.2	3.0	3.4	3.3	3.4	4.8	4.0	3.4	2.6	1.8	
1980	161.78	156.29	157.53	158.59	157.44	157.09	160.56	158.85	162.84	165.09	167.92	168.15	172.68	1980	2.7	2.9	2.7	3.0	2.9	3.0	2.6	2.7	3.8	3.2	2.4	2.0	1.6	
1981		172.13	171.91	176.85										1981		2.3	2.0	2.3										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	3.62	3.57	3.53	3.57	3.56	3.56	3.62	3.59	3.61	3.68	3.69	3.71	3.76	1977	1.9	2.3	1.9	1.9	2.2	1.7	1.6	3.3	1.3	1.3	1.4	1.7	2.6	
1978	3.94	3.85	3.85	3.89	3.91	3.89	3.91	3.91	3.93	3.99	4.01	4.03	4.07	1978	1.6	2.1	1.4	1.8	1.4	1.2	1.3	2.3	1.0	1.1	1.2	1.7	2.8	
1979	4.23	4.16	4.16	4.18	4.18	4.19	4.21	4.23	4.21	4.27	4.31	4.32	4.38	1979	2.0	2.2	1.6	1.7	1.7	1.6	1.6	2.7	2.1	1.4	1.8	2.3	3.0	
1980	4.57	4.44	4.45	4.48	4.46	4.45	4.51	4.50	4.60	4.69	4.73	4.75	4.81	1980	2.1	2.0	1.5	1.4	2.2	2.3	2.0	2.9	2.0	1.7	2.2	2.4	3.2	
1981		4.89	4.87	4.94										1981		2.4	1.7	1.9										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 231—MEN'S AND BOYS' SUITS AND COATS														
1977	35.6	33.6	35.4	35.6	35.0	35.6	36.2	35.6	35.9	35.6	36.0	36.1	36.1	ALL EMPLOYEES—IN THOUSANDS														
1978	35.6	33.1	34.9	35.9	35.8	35.8	36.1	35.9	36.0	35.9	35.5	36.0	35.8	1977	91.1	90.8	91.3	90.2	89.4	91.3	92.6	87.1	91.8	91.9	92.3	91.5	92.5	
1979	35.3	34.6	34.9	35.4	33.9	35.1	35.6	35.5	35.6	35.3	35.5	35.6	35.9	1978	89.4	91.7	91.5	90.2	90.1	91.5	91.6	86.7	90.1	88.9	87.7	87.0	86.3	
1980	35.4	35.2	35.4	35.4	35.3	35.3	35.6	35.3	35.4	35.2	35.5	35.4	35.9	1979	81.2	83.6	84.0	83.2	84.2	84.2	84.2	80.3	80.6	78.1	77.2	77.7	77.6	
1981		35.2	35.3	35.8										1980	77.7	77.1	77.9	75.9	76.3	79.3	80.1	75.8	78.5	77.9	77.7	78.1	77.9	
														1981		76.9	76.7	76.3										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS														
1977	1.3	1.0	1.1	1.2	1.0	1.2	1.4	1.1	1.3	1.4	1.5	1.5	1.3	1977	70.0	69.3	69.7	69.2	68.5	70.0	70.9	67.6	70.7	71.1	71.2	70.7	71.4	
1978	1.3	1.0	1.2	1.3	1.3	1.2	1.4	1.1	1.3	1.4	1.4	1.4	1.1	1978	69.4	70.9	70.8	69.3	70.1	71.5	71.5	67.5	69.9	69.0	67.9	67.5	66.9	
1979	1.0	.9	1.0	1.1	.6	1.0	1.1	.9	1.1	1.2	1.1	1.2	1.1	1979	62.4	64.8	65.1	62.8	64.1	64.5	64.3	62.0	61.8	60.1	59.4	60.3	60.1	
1980	1.0	1.0	1.0	1.1	.9	.9	1.0	.8	1.1	1.1	1.1	1.2	1.2	1980	60.4	59.6	60.2	58.4	59.2	61.5	62.2	59.1	61.0	60.5	60.7	61.0	60.8	
1981		.9	1.0	1.1										1981		60.2	59.8	59.4										
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS														
1977	5.7	6.0	5.7	5.7	5.6	6.5	6.2	6.3	7.5	5.9	5.9	4.4	3.1	1977	79.8	79.8	80.2	79.3	78.0	79.8	81.1	76.0	80.7	80.9	80.9	80.0	81.0	
1978	5.6	6.1	5.0	5.5	5.6	6.3	5.8	6.1	7.1	6.4	5.8	4.4	3.0	1978	78.6	80.7	80.5	79.3	79.3	80.8	80.8	75.9	79.1	77.9	76.8	76.2	75.4	
1979	5.5	6.2	4.9	5.2	5.2	6.1	5.7	6.0	7.0	6.2	6.1	4.5	3.1	1979	70.1	73.0	73.5	70.9	72.0	72.1	72.4	68.8	69.5	68.0	66.7	67.2	67.3	
1980	5.3	6.8	5.7	5.4	5.3	5.6	4.9	5.8	6.7	6.0	4.5	4.0	3.0	1980	67.9	66.6	67.5	65.6	66.0	69.3	70.0	65.5	69.1	68.6	68.5	68.9	68.9	
1981		5.6	4.8	5.3										1981		67.8	67.5	66.8										

MANUFACTURING

SIC 232

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 231—MEN'S AND BOYS' SUITS AND COATS (Con.)														SIC 231—MEN'S AND BOYS' SUITS AND COATS (Con.)														
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	158.32	147.40	155.16	155.88	152.42	156.45	162.26	160.16	159.84	160.38	160.29	162.17	164.16	1977	1.8	1.5	1.4	1.9	1.7	1.8	1.9	1.8	2.7	2.5	1.8	1.4	1.0	
1978	171.96	150.22	168.61	172.80	172.68	173.15	171.00	177.55	171.70	171.23	175.29	179.82	183.65	1978	1.6	1.4	1.2	1.3	1.6	1.7	1.5	1.8	1.7	2.5	1.9	1.5	1.2	
1979	179.87	177.41	174.38	178.11	172.38	177.41	179.57	181.30	181.36	176.11	181.47	187.26	189.57	1979	1.6	1.7	1.3	1.0	1.6	1.8	1.7	1.8	2.6	2.2	1.8	1.5	.8	
1980	192.24	189.38	187.80	184.73	189.93	192.72	191.05	195.30	188.64	189.72	194.39	199.29	205.70	1980	1.7	1.7	1.7	1.8	1.8	1.5	1.5	1.9	2.5	2.0	1.8	1.1	.8	
1981		203.40	199.00	205.82										1981		1.5	1.2	1.5										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	4.41	4.31	4.31	4.33	4.33	4.31	4.47	4.40	4.44	4.48	4.49	4.53	4.51	1977	1.9	1.9	1.4	4.2	2.5	1.4	.8	5.2	1.0	1.7	1.1	1.8	.6	
1978	4.79	4.58	4.79	4.80	4.81	4.77	4.75	4.76	4.73	4.73	4.91	4.94	4.95	1978	1.8	1.7	1.0	3.0	1.6	.6	1.4	2.6	1.3	2.9	1.5	1.7	2.5	
1979	5.11	5.04	5.04	5.06	5.07	5.04	5.03	5.05	5.08	5.09	5.26	5.26	5.31	1979	2.4	2.4	1.7	1.8	2.8	1.4	1.5	3.4	2.5	3.6	4.0	2.4	1.4	
1980	5.34	5.38	5.32	5.37	5.35	5.28	5.22	5.25	5.24	5.27	5.43	5.46	5.50	1980	1.8	1.6	1.3	2.5	1.9	.6	1.4	3.3	1.6	2.5	3.2	.8	1.0	
1981		5.65	5.59	5.67										1981		1.1	.8	3.3										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 232—MEN'S AND BOYS' FURNISHINGS														
1977	35.9	34.2	36.0	36.0	35.2	36.3	36.3	36.4	36.0	35.8	35.7	35.8	36.4	ALL EMPLOYEES—IN THOUSANDS														
1978	35.9	32.8	35.2	36.0	35.9	36.3	36.0	37.3	36.3	36.2	35.7	36.4	37.1	1977	374.3	364.5	368.1	369.8	371.3	375.6	381.6	360.9	381.4	381.7	380.7	379.6	376.0	
1979	35.2	35.2	34.6	35.2	34.0	35.2	35.7	35.9	35.7	34.6	34.5	35.6	35.7	1978	369.3	369.6	374.9	373.3	375.3	375.9	378.5	351.8	369.1	369.5	365.9	366.5	361.7	
1980	36.0	35.2	35.3	34.4	35.5	36.5	36.6	37.2	36.0	36.0	35.8	36.5	37.4	1979	362.9	357.7	362.7	363.8	363.6	366.7	368.4	353.9	365.9	362.7	364.1	363.3	361.5	
1981		36.0	35.6	36.3										1980	362.2	360.6	364.5	366.7	368.0	368.8	371.2	348.9	367.6	362.2	358.3	357.2	352.3	
														1981		345.1	344.5	345.2										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS														
1977	.8	.8	.9	1.1	.8	.9	.9	.6	.6	.9	.8	.8	.9	1977	314.0	305.9	309.5	310.7	311.4	315.1	319.8	301.2	319.2	320.3	319.7	319.1	316.3	
1978	.8	.7	.8	.8	.8	.8	.9	.7	.9	1.0	1.0	.9	.9	1978	311.6	310.5	315.9	314.5	316.4	316.9	319.9	296.2	311.6	312.1	309.4	310.3	305.4	
1979	.6	.8	.8	.7	.3	.6	.5	.4	.6	.6	.5	.6	.6	1979	305.9	301.6	305.8	306.5	306.6	309.4	310.3	298.2	308.2	306.2	307.3	306.2	304.7	
1980	.8	.6	.7	.7	.6	.9	.8	.7	.9	.8	1.0	.8	.8	1980	304.9	303.8	307.7	309.1	310.0	311.1	312.7	292.7	309.3	304.6	301.3	300.1	296.5	
1981		.7	.6	.7										1981		290.1	289.7	291.0										
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS														
1977	4.3	4.4	3.5	3.9	5.5	5.8	4.0	6.4	5.7	3.9	4.0	2.7	2.1	1977	323.0	313.3	317.9	319.7	320.8	324.5	329.8	309.2	329.5	329.7	328.7	328.1	324.4	
1978	3.5	4.5	2.6	3.3	4.0	4.5	2.9	4.0	3.0	4.2	3.5	3.4	1.9	1978	319.5	319.4	324.7	322.9	324.7	325.7	328.7	304.0	320.4	320.0	316.2	316.2	311.2	
1979	3.9	5.0	3.0	2.6	5.4	3.8	3.8	4.5	5.0	3.8	3.1	4.0	2.4	1979	312.3	307.6	312.3	313.3	313.3	316.1	317.7	304.3	315.0	312.5	312.7	312.2	310.0	
1980	4.1	4.6	4.0	3.5	5.5	5.3	2.9	4.4	5.3	3.9	3.9	4.1	2.0	1980	310.0	308.7	312.8	314.7	315.2	315.7	318.1	297.0	314.5	309.8	306.4	305.6	301.5	
1981		3.0	2.6	3.6										1981		295.0	294.3	294.7										
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														
1977	2.3	2.3	2.2	2.6	2.4	3.1	2.6	2.1	3.2	2.8	2.1	1.9	.9	1977	117.39	108.19	114.63	114.67	113.34	116.20	118.17	117.25	118.30	119.16	120.85	122.28	122.72	
1978	1.9	1.7	1.3	1.8	2.1	2.2	2.0	1.9	1.7	2.6	2.5	1.8	1.2	1978	127.81	116.09	126.74	127.81	127.45	129.23	126.73	129.22	129.60	128.88	131.77	132.12	132.12	
1979	1.8	2.2	1.5	1.0	1.9	2.1	1.9	1.7	2.5	1.9	2.0	2.0	1.0	1979	140.40	132.86	135.97	137.83	132.44	137.09	140.89	139.29	140.87	143.02	144.57	148.00	150.63	
1980	2.3	2.6	2.4	2.5	2.6	2.3	2.1	2.3	3.0	2.4	2.6	2.1	1.2	1980	153.55	152.21	152.15	151.32	151.32	152.15	154.14	152.57	152.88	154.94	155.23	156.24	160.52	
1981		2.2	1.9	2.6										1981		161.53	160.82	164.06										
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	1.5	1.7	.7	.9	2.2	2.3	1.1	3.9	2.0	.7	1.4	.5	.9	1977	3.27	3.22	3.22	3.23	3.22	3.21	3.22	3.23	3.25	3.31	3.32	3.35	3.39	
1978	1.3	2.3	1.0	1.2	1.6	2.0	.6	1.7	1.0	1.2	.8	1.3	.5	1978	3.58	3.55	3.57	3.57	3.57	3.56	3.56	3.54	3.55	3.60	3.60	3.65	3.67	
1979	1.5	2.5	.7	1.4	2.1	1.3	1.6	1.9	2.1	1.5	.8	1.0	1.2	1979	3.90	3.84	3.83	3.85	3.85	3.84	3.86	3.88	3.87	3.94	3.95	4.00	4.06	
1980	1.4	1.6	1.3	.7	2.6	2.7	.5	1.8	1.9	1.0	.9	1.7	.6	1980	4.23	4.17	4.18	4.18	4.18	4.18	4.20	4.18	4.20	4.28	4.30	4.34	4.41	
1981		.5	.4	.7										1981		4.55	4.53	4.57										
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	4.4	4.1	3.5	6.7	4.9	3.9	3.4	8.3	4.6	4.9	3.5	3.8	2.0	1977	35.9	33.6	35.6	35.5	35.2	36.2	36.7	36.3	36.4	36.0	36.4	36.5	36.2	
1978	4.1	3.9	3.4	4.9	3.9	2.9	3.5	5.0	3.5	6.0	3.9	4.1	4.4	1978	35.7	32.7	35.5	35.8	35.8	35.8	36.3	35.8	36.4	36.0	35.8	36.1	36.0	
1979	4.7	4.8	3.9	3.2	5.0	3.9	4.0	5.9	5.9	6.6	6.4	4.6	2.5	1979	36.0	34.6	35.5	35.8	34.4	35.7	36.5	35.9	36.4	36.3	36.6	37.0	37.1	
1980	4.2	4.1	3.8	5.2	4.6	2.8	3.6	6.1	4.9	5.2	5.7	2.5	2.2	1980	36.3	36.5	36.4	36.2	36.2	36.4	36.7	36.5	36.4	36.2	36.1	36.0	36.4	
1981		3.2	2.6	5.4										1981		35.5	35.5	35.9										

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 232—MEN'S AND BOYS' FURNISHINGS (Con.)														SIC 2321—MEN'S AND BOYS' SHIRTS AND NIGHTWEAR (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	1.1	0.9	1.1	1.1	0.9	1.1	1.2	0.8	1.2	1.2	1.2	1.2	1.0	1977	93.9	93.6	92.9	93.1	93.2	95.3	97.2	90.2	95.9	95.2	94.7	93.4	92.2
1978	.9	.7	1.0	1.0	.9	.9	1.0	.7	1.0	1.0	1.0	1.0	.9	1978	92.8	90.7	91.6	92.3	92.9	94.0	95.4	90.0	94.3	94.0	94.0	92.8	91.6
1979	1.0	.7	.8	.8	.5	.8	1.1	.8	1.1	1.2	1.2	1.3	1.4	1979	90.1	90.4	90.8	90.0	90.5	91.1	92.5	86.5	91.0	90.9	90.4	89.2	87.8
1980	1.1	1.2	1.1	1.2	1.0	1.0	1.2	.8	1.0	1.1	1.0	1.0	1.0	1980	86.4	86.5	86.9	87.1	87.5	88.4	89.1	82.9	87.7	86.6	85.7	84.5	83.7
1981		.9	.8	.8										1981		82.0	81.7	82.7									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.6	5.2	5.3	6.0	5.8	6.7	5.9	5.8	8.0	6.3	5.5	4.0	2.4	1977	93.1	93.0	92.2	92.5	92.6	94.2	96.2	89.0	95.1	94.3	93.9	92.7	91.5
1978	5.3	4.9	4.9	5.1	5.3	6.2	5.4	5.6	7.3	6.3	5.6	4.0	2.5	1978	92.3	90.5	91.1	91.8	92.3	93.9	95.2	89.7	94.1	93.3	93.2	92.0	90.6
1979	5.5	5.7	4.6	5.2	5.5	6.3	5.6	6.2	7.5	6.2	6.2	4.4	2.8	1979	89.7	89.7	90.2	89.4	90.0	90.5	92.1	86.3	90.6	90.6	89.9	89.0	87.5
1980	4.8	6.4	5.2	5.5	5.1	5.4	4.3	4.7	5.7	5.0	4.3	3.5	2.1	1980	85.7	86.3	86.4	86.6	86.9	87.5	88.4	82.1	86.9	85.7	84.8	83.7	82.8
1981		4.3	4.1	4.8										1981		80.7	80.8	81.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.2	3.6	3.6	4.2	4.2	5.3	4.8	4.2	6.0	5.1	4.4	3.2	1.8	1977	112.46	105.82	111.43	108.61	107.33	110.26	113.15	113.31	112.68	113.60	115.84	118.13	119.68
1978	4.1	3.7	3.4	3.8	4.1	4.8	4.4	4.2	5.8	5.1	4.5	3.1	1.7	1978	125.96	114.87	124.18	125.24	124.87	124.12	127.57	125.20	129.03	129.15	127.76	131.38	129.95
1979	4.3	4.2	3.5	4.1	4.0	5.1	4.6	4.8	6.0	5.1	5.1	3.4	1.9	1979	136.84	132.40	133.89	135.00	127.28	133.57	136.90	136.52	137.64	140.16	139.78	143.52	144.94
1980	3.6	4.7	4.0	4.3	4.1	4.3	3.4	3.5	4.2	3.8	3.2	2.6	1.3	1980	149.14	146.11	147.70	144.59	145.71	147.38	149.41	148.56	149.74	152.46	152.46	152.70	156.88
1981		2.8	2.4	2.8										1981		156.73	157.79	158.42									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.1	1.2	1.3	1.5	1.3	1.0	.9	1.2	1.5	.8	.9	.6	.5	1977	3.15	3.14	3.13	3.13	3.12	3.08	3.10	3.13	3.13	3.20	3.20	3.21	3.27
1978	.9	.9	1.2	1.0	.9	1.0	.7	1.2	1.3	.9	.9	.7	.6	1978	3.47	3.46	3.44	3.45	3.44	3.41	3.42	3.43	3.45	3.50	3.51	3.57	3.57
1979	1.0	1.2	1.0	.9	1.3	1.0	.8	1.2	1.2	.9	.9	.7	.8	1979	3.78	3.74	3.74	3.75	3.70	3.70	3.71	3.73	3.73	3.84	3.84	3.90	3.96
1980	1.0	1.4	1.0	1.0	.8	1.0	.7	1.1	1.3	1.0	.9	.8	.7	1980	4.12	4.07	4.08	4.05	4.07	4.06	4.06	4.07	4.08	4.20	4.20	4.23	4.31
1981		1.2	1.5	1.9										1981		4.44	4.42	4.45									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	6.1	5.4	5.3	5.7	5.8	8.5	5.4	7.6	7.5	6.7	5.6	5.2	4.2	1977	35.7	33.7	35.6	34.7	34.4	35.8	36.5	36.2	36.0	35.5	36.2	36.8	36.6
1978	5.6	4.9	4.7	5.6	5.3	5.7	5.4	6.7	7.5	6.9	5.8	5.0	4.2	1978	36.3	33.2	36.1	36.3	36.3	36.4	37.3	36.5	37.4	36.9	36.4	36.8	36.4
1979	5.8	5.7	4.7	5.9	5.2	6.0	5.8	6.6	7.8	6.4	6.2	5.5	4.1	1979	36.2	35.4	35.8	36.0	34.4	36.1	36.9	36.6	36.9	36.5	36.4	36.8	36.6
1980	5.2	5.4	4.9	5.3	4.9	5.3	4.4	5.6	6.5	5.7	5.7	4.6	3.9	1980	36.2	35.9	36.2	35.7	35.8	36.3	36.8	36.5	36.7	36.3	36.3	36.1	36.4
1981		5.6	4.4	4.6										1981		35.3	35.7	35.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	4.2	3.3	3.0	3.8	4.1	6.6	4.0	4.3	6.0	5.3	4.1	3.2	2.2	1977	1.0	.8	1.1	1.0	.8	.8	1.0	.6	1.1	1.0	1.1	1.2	1.0
1978	3.9	3.2	2.9	3.8	4.0	4.2	3.9	4.1	6.0	5.4	4.2	3.1	2.1	1978	1.0	.7	1.0	1.1	.9	.8	1.1	.7	1.2	1.0	1.1	1.1	1.0
1979	4.0	3.5	3.0	4.0	3.6	4.4	4.1	4.3	6.3	5.0	4.4	3.2	2.1	1979	1.0	.8	1.0	1.0	.6	.9	1.2	.8	1.1	1.2	1.2	1.4	1.3
1980	3.3	3.8	3.2	3.8	3.4	3.7	3.1	3.2	4.6	3.9	3.2	2.4	1.7	1980	1.1	1.0	1.2	1.2	1.0	.9	1.3	.9	1.2	1.1	1.1	1.0	1.0
1981		2.8	2.4	2.5										1981		.9	.9	.9									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.2	1.4	1.6	1.2	1.1	1.1	.7	2.2	.5	.6	.8	1.3	1.4	1977	5.0	4.0	4.9	5.0	5.7	6.0	5.7	5.3	7.5	5.3	4.7	3.4	1.8
1978	1.0	1.1	1.0	1.1	.6	.8	.6	1.7	.6	.7	1.0	1.3	1.6	1978	5.1	4.3	4.2	4.5	5.6	5.9	5.9	5.9	7.7	5.9	5.3	3.8	1.8
1979	1.1	1.5	1.1	1.3	.8	.8	1.0	1.3	.6	.7	.8	1.6	1.5	1979	5.1	5.2	3.7	4.7	5.0	6.1	5.6	5.7	7.5	6.2	5.3	3.9	2.0
1980	1.2	1.0	.9	.8	.8	.8	.6	1.5	1.1	1.1	1.7	1.7	1.8	1980	4.3	5.3	4.2	4.7	4.9	4.9	4.1	4.8	5.6	4.9	3.8	2.9	1.6
1981		2.2	1.4	1.5										1981		3.3	3.3	3.5									
NEW HIRES PER 100 EMPLOYEES														ALL EMPLOYEES—IN THOUSANDS													
1977	107.3	107.0	106.2	106.5	106.6	108.7	110.8	103.3	109.3	108.6	108.1	106.8	105.5	1977	3.5	2.7	3.1	3.5	3.6	4.5	4.3	3.3	5.0	4.1	3.5	2.6	1.2
1978	106.1	104.1	104.9	105.6	106.2	107.6	108.9	102.9	107.8	107.1	107.2	105.9	104.5	1978	3.9	2.9	3.1	3.4	4.2	4.4	4.5	4.3	6.0	4.9	4.3	2.8	1.3
1979	102.8	103.2	103.8	102.7	103.0	103.7	105.0	98.7	103.6	103.6	103.1	102.1	100.7	1979	3.9	3.7	3.0	3.6	3.5	4.6	4.4	4.4	6.0	4.8	4.2	2.9	1.4
1980	98.9	99.3	99.5	99.8	100.1	100.8	101.6	95.0	100.2	99.1	98.2	97.1	96.3	1980	3.2	3.9	3.1	3.7	3.7	3.7	3.1	3.5	4.0	3.3	2.8	2.2	1.0
1981		94.5	94.1	95.0										1981		2.4	2.1	2.2									

See footnotes at end of tables.

MANUFACTURING

SIC 2327

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2321—MEN'S AND BOYS' SHIRTS AND NIGHTWEAR (Con.)														SIC 2327—MEN'S AND BOYS' SEPARATE TROUSERS (Con.)													
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.1	1.0	1.4	1.2	1.8	0.9	1.1	1.7	1.9	0.9	0.9	0.6	0.4	1977	3.35	3.33	3.32	3.30	3.27	3.28	3.28	3.27	3.31	3.43	3.45	3.47	3.51
1978	.9	1.0	.7	.8	1.1	1.1	1.0	1.3	1.4	.7	.7	.7	.3	1978	3.70	3.66	3.71	3.67	3.67	3.65	3.66	3.69	3.65	3.73	3.74	3.75	3.79
1979	.9	1.2	.5	.8	1.2	1.2	.8	1.0	1.0	1.0	.9	.7	.4	1979	3.99	3.92	3.88	3.93	3.92	3.93	3.93	3.96	3.97	4.04	4.11	4.09	4.17
1980	.9	1.0	.9	.7	.9	.9	.8	1.0	1.2	1.3	.7	.5	.5	1980	4.33	4.28	4.28	4.30	4.29	4.28	4.28	4.25	4.29	4.35	4.42	4.44	4.48
1981	.6	1.0	1.1											1981		4.69	4.66	4.73									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.6	4.5	5.4	5.2	5.8	5.5	5.0	7.4	7.0	6.5	5.6	5.6	3.3	1977	35.1	32.9	34.9	34.9	34.3	35.4	36.0	35.9	35.6	35.0	35.3	35.6	35.0
1978	5.1	3.9	4.0	4.9	4.8	5.2	4.9	7.0	7.0	6.1	5.3	4.4	4.2	1978	34.9	32.0	34.9	34.9	35.3	34.7	35.8	34.9	35.5	35.3	35.2	35.3	35.5
1979	5.3	4.9	4.2	5.7	4.9	5.4	5.7	5.8	7.1	6.0	5.6	4.7	3.3	1979	35.0	34.1	35.6	35.1	33.1	34.9	36.0	34.7	35.5	34.6	35.3	35.5	36.0
1980	4.5	5.0	3.8	4.6	4.5	4.9	3.6	5.6	5.7	5.1	4.9	3.9	2.9	1980	35.4	35.7	35.7	35.0	35.1	35.4	35.9	35.3	34.5	35.0	35.6	35.7	36.1
1981		4.2	3.5	3.5										1981		35.0	35.2	35.4									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.4	2.7	2.5	3.3	3.5	4.0	3.7	3.7	5.5	4.7	3.3	2.7	1.6	1977	1.1	.9	1.0	1.0	.9	1.0	1.2	.9	1.0	1.3	1.2	1.2	1.0
1978	3.6	2.6	2.6	3.4	3.5	3.8	3.6	4.1	5.6	4.8	4.0	2.9	1.9	1978	.8	.7	1.0	.9	.8	.8	1.0	.7	.9	1.0	.7	.7	
1979	3.7	3.4	2.8	3.5	3.4	4.0	3.6	4.0	5.7	4.8	4.1	2.9	1.8	1979	.8	.4	.6	.6	.3	.6	1.0	.7	1.1	1.2	1.2	1.0	1.2
1980	2.9	3.4	2.7	3.3	3.2	3.3	2.5	3.1	4.0	3.5	2.8	2.1	1.4	1980	.9	1.1	1.0	1.0	.8	.9	.8	.6	.7	1.0	.9	.9	.9
1981		2.4	2.1	2.2										1981		.8	.8	.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.4	1.0	2.2	1.0	1.7	.7	.5	2.8	.7	1.0	1.6	2.2	1.1	1977	4.6	3.9	3.9	5.3	4.6	5.6	4.9	4.9	6.6	5.5	5.1	3.7	1.6
1978	.8	.6	.7	.7	.5	.6	.4	2.0	.5	.5	.6	.6	1.8	1978	4.7	4.2	4.0	4.0	4.3	5.7	4.5	5.4	7.1	6.1	5.5	3.9	1.4
1979	.8	.7	.7	1.5	.8	.5	1.2	.9	.5	.5	.6	1.1	1.1	1979	4.8	5.5	4.2	4.3	4.7	5.4	4.9	5.4	7.0	5.3	5.7	3.3	2.0
1980	.8	.9	.4	.5	.6	.8	.4	1.3	1.0	.8	1.4	1.1	1.0	1980	4.2	5.1	4.5	5.1	4.0	4.5	3.4	4.3	5.4	4.7	4.3	3.3	1.7
1981		1.2	.9	.7										1981		3.9	3.1	3.9									
SIC 2327—MEN'S AND BOYS' SEPARATE TROUSERS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	3.6	3.1	3.3	3.5	3.7	4.3	4.0	3.7	5.0	4.6	4.0	2.9	1.3
1977	87.1	86.2	87.1	88.4	87.6	88.3	89.5	85.0	88.1	87.2	85.9	86.0	85.5	1978	3.6	3.5	2.7	3.1	3.4	4.2	4.1	4.2	5.1	4.4	4.3	3.0	1.2
1978	81.7	83.3	84.6	83.4	83.9	83.6	83.8	78.6	80.5	80.2	79.7	79.5	78.7	1979	4.1	4.5	3.7	3.8	3.5	4.7	4.4	4.5	5.5	4.7	5.0	2.9	1.6
1979	77.9	77.6	78.7	79.3	78.5	78.4	79.2	76.1	77.9	76.7	77.4	77.3	77.1	1980	3.6	4.5	4.1	4.5	3.6	3.7	3.1	3.6	4.1	4.2	3.7	2.8	1.3
1980	76.4	76.8	77.5	76.9	77.1	77.3	77.7	73.0	76.4	75.9	76.2	76.4	75.4	1981		3.3	2.7	3.2									
1981		73.9	73.9	73.1																							
WOMEN EMPLOYEES—IN THOUSANDS														1977	.7	.5	.4	1.6	.5	1.0	.6	.7	1.3	.6	.8	.6	.2
1977	70.9	70.7	71.3	72.1	71.2	71.4	72.5	68.7	71.4	71.1	69.9	70.2	70.0	1978	.9	.4	1.1	.6	.7	1.1	.3	1.0	1.8	1.5	1.0	.7	.1
1978	67.1	68.2	69.5	68.3	68.8	68.5	68.8	64.5	66.2	66.0	65.6	65.6	64.9	1979	.6	.7	.3	.4	1.1	.6	.4	.8	1.4	.5	.5	.3	.3
1979	64.4	64.1	64.9	65.3	64.9	64.9	65.3	63.0	64.3	63.8	64.3	64.2	64.0	1980	.5	.5	.3	.4	.3	.7	.2	.6	1.1	.4	.5	.4	.3
1980	63.6	63.8	64.5	64.1	64.3	64.4	64.6	60.3	63.5	63.3	63.6	63.8	63.1	1981		.5	.3	.6									
1981		61.8	62.0	61.4																							
PRODUCTION WORKERS—IN THOUSANDS														1977	4.9	4.0	4.9	4.5	5.0	5.5	4.3	7.0	6.5	5.9	4.7	3.7	3.0
1977	76.8	76.2	77.2	78.4	77.6	78.0	78.9	74.6	77.8	76.9	75.4	75.6	75.0	1978	5.1	4.7	3.9	4.4	4.9	5.3	5.0	7.2	7.3	7.0	5.1	3.6	2.5
1978	71.5	72.8	74.4	72.6	73.2	72.9	73.6	68.6	70.8	70.5	69.9	69.4	68.7	1979	4.9	4.6	4.2	5.2	5.3	5.3	4.6	6.1	6.8	5.4	5.2	3.7	2.2
1979	67.7	67.5	68.5	69.0	68.2	68.4	68.9	65.9	67.7	66.9	67.4	67.0	66.8	1980	4.4	4.5	4.4	4.9	4.6	4.6	3.8	4.9	6.2	4.7	4.4	3.0	2.5
1980	66.6	66.5	67.4	67.2	67.5	67.5	68.0	63.4	66.7	66.4	66.5	66.7	65.9	1981		3.8	3.8	3.6									
1981		64.6	64.7	63.9																							
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	3.6	3.0	2.9	3.4	3.6	3.7	3.3	3.8	5.4	4.9	3.7	2.9	2.0
1977	117.59	109.56	115.87	115.17	112.16	116.11	118.08	117.39	117.84	120.05	121.79	123.53	122.85	1978	3.7	3.0	2.7	3.6	3.6	4.0	3.7	3.8	5.8	5.3	3.9	2.8	1.8
1978	129.13	117.12	129.48	128.08	129.55	126.66	131.03	128.78	129.58	131.67	131.65	132.38	134.55	1979	3.8	3.5	2.9	3.8	3.8	4.2	4.0	4.0	5.8	4.6	4.3	2.8	1.7
1979	139.65	133.67	138.13	137.94	129.75	137.16	141.48	137.41	140.94	139.78	145.08	145.20	150.12	1980	3.3	3.7	3.2	3.9	3.2	3.6	3.0	3.4	4.6	3.9	3.3	2.3	1.7
1980	153.28	152.80	152.80	150.50	150.58	151.51	153.65	150.03	148.01	152.25	157.35	158.51	161.73	1981		3.0	2.6	2.6									
1981		164.15	164.03	167.44																							

See footnotes at end of tables.

SIC 2327

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 2327—MEN'S AND BOYS' SEPARATE TROUSERS (Con.)

LAYOFFS PER 100 EMPLOYEES													
1977	0.7	0.5	1.5	0.5	0.9	1.2	0.3	2.3	0.2	0.2	0.4	0.3	0.5
1978	.9	1.2	.6	.2	.8	.7	.8	2.7	.8	1.0	.8	.4	.5
1979	.6	.7	1.0	.9	.7	.5	.2	1.2	.3	.3	.4	.3	.2
1980	.5	.3	.5	.4	.8	.4	.2	1.1	1.0	.3	.5	.3	.5
1981		.3	.6	.5									

SIC 2328—MEN'S AND BOYS' WORK CLOTHING

ALL EMPLOYEES—IN THOUSANDS													
1977	98.2	94.0	95.4	94.6	95.3	96.3	98.3	93.5	100.8	102.2	102.4	102.7	102.8
1978	97.5	101.2	101.6	99.9	100.0	99.0	99.1	87.3	95.2	96.8	94.9	98.1	97.1
1979	100.0	96.1	99.0	99.2	99.2	101.0	100.6	98.8	101.6	99.3	100.5	102.3	102.6
1980	104.0	104.0	104.4	105.1	105.8	106.1	106.8	99.5	105.7	103.6	101.4	103.6	101.6
1981		100.0	98.9	98.5									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	81.6	77.8	79.3	78.8	79.2	80.1	81.5	76.9	83.4	84.9	85.6	86.0	86.2
1978	82.2	85.2	85.6	84.1	84.2	83.5	83.9	73.3	80.5	81.6	80.0	82.9	81.9
1979	83.9	80.7	83.3	83.3	83.2	84.7	84.1	82.7	85.1	83.2	84.3	85.9	86.4
1980	86.6	87.4	87.7	87.8	88.0	88.4	88.7	82.3	87.5	86.0	84.1	86.2	84.8
1981		83.0	81.8	81.6									

PRODUCTION WORKERS—IN THOUSANDS													
1977	82.5	78.1	80.0	79.7	80.0	81.0	82.6	77.2	84.6	86.2	86.7	87.1	87.3
1978	82.9	86.2	86.7	85.2	85.3	84.3	84.5	73.8	81.1	82.3	80.4	83.2	82.0
1979	84.3	81.2	84.0	84.0	83.9	85.4	84.7	83.2	85.4	83.3	83.9	86.3	86.6
1980	86.9	87.3	87.7	88.1	88.3	88.5	89.1	81.9	87.9	86.4	85.1	87.2	85.8
1981		84.6	83.0	82.4									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	117.76	109.05	116.97	117.02	115.80	116.97	119.25	116.34	119.31	119.14	119.73	121.32	121.51
1978	125.67	113.10	125.30	124.96	124.96	125.67	125.31	124.60	127.78	127.08	126.73	131.02	132.84
1979	142.49	135.28	137.97	139.48	135.58	140.60	143.25	141.73	141.73	144.01	146.30	150.54	152.48
1980	153.64	154.28	152.28	152.93	152.97	154.19	153.30	152.56	152.44	153.87	152.15	154.34	158.30
1981		160.65	157.00	161.45									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	3.20	3.17	3.17	3.18	3.19	3.17	3.18	3.17	3.19	3.22	3.21	3.27	3.32
1978	3.53	3.48	3.50	3.51	3.53	3.53	3.52	3.50	3.52	3.53	3.53	3.57	3.60
1979	3.82	3.80	3.78	3.78	3.83	3.80	3.82	3.81	3.81	3.83	3.81	3.88	3.93
1980	4.13	4.06	4.05	4.10	4.09	4.09	4.11	4.09	4.12	4.17	4.18	4.24	4.29
1981		4.45	4.41	4.46									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	36.8	34.4	36.9	36.8	36.3	36.9	37.5	36.7	37.4	37.0	37.3	37.1	36.6
1978	35.6	32.5	35.8	35.6	35.4	35.6	35.6	35.6	36.3	36.0	35.9	36.7	36.9
1979	37.3	35.6	36.5	36.9	35.4	37.0	37.5	37.2	37.2	37.6	38.4	38.8	38.8
1980	37.2	38.0	37.6	37.3	37.4	37.7	37.3	37.3	37.0	36.9	36.4	36.4	36.9
1981		36.1	35.6	36.2									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.2	1.0	1.2	1.2	1.0	1.4	1.4	1.0	1.3	1.2	1.3	1.1	.8
1978	.8	.6	.9	.7	.8	.7	.8	.6	.9	1.0	.9	1.1	1.1
1979	1.2	.8	.8	.9	.7	1.1	1.5	1.0	1.2	1.3	1.3	1.5	2.0
1980	1.3	1.4	1.3	1.4	1.3	1.4	1.5	1.1	1.2	1.4	1.1	1.1	1.1
1981		.9	.7	.7									

SIC 2328—MEN'S AND BOYS' WORK CLOTHING (Con.)

ACCESSIONS PER 100 EMPLOYEES													
1977	6.3	6.3	5.6	6.2	6.1	7.9	6.8	6.4	9.1	7.7	6.2	4.6	3.2
1978	5.5	5.1	5.0	4.8	5.0	6.0	5.1	5.1	7.5	7.7	7.0	5.1	3.1
1979	6.3	6.3	4.9	6.0	6.2	7.1	6.5	7.0	8.6	7.2	7.5	5.2	3.5
1980	5.1	6.7	5.6	6.2	5.7	6.5	4.9	5.3	5.5	5.2	4.4	3.3	2.1
1981		4.7	4.2	5.3									

MANUFACTURING

SIC 2331

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 233—WOMEN'S AND MISSES' OUTERWEAR (Con.)														SIC 233—WOMEN'S AND MISSES' OUTERWEAR (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	369.1	355.5	370.6	376.7	371.5	371.6	377.2	360.0	371.6	371.6	369.9	372.2	360.5	1977	6.4	6.3	5.1	5.7	7.2	6.6	6.5	8.1	7.2	6.4	6.0	5.3	6.9
1978	378.5	357.1	368.1	378.8	379.1	378.8	385.3	364.0	383.3	388.1	391.2	388.4	380.3	1978	6.0	6.5	4.6	5.7	6.0	5.6	5.9	7.0	6.5	6.3	5.6	5.7	6.7
1979	374.8	383.0	383.7	387.4	388.2	383.0	384.4	359.3	370.0	373.1	373.1	365.0	350.6	1979	6.3	6.4	5.2	6.0	6.2	6.2	5.9	7.5	7.8	5.8	6.1	6.5	
1980	359.6	355.1	366.5	374.3	369.4	364.3	368.4	344.5	357.8	360.0	357.5	352.8	344.8	1980	6.2	6.0	5.2	4.9	6.0	7.1	6.2	7.6	7.3	6.4	4.9	6.0	7.0
1981		341.8	353.6	358.1										1981		6.0	5.0	5.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	123.01	116.32	122.06	123.84	119.19	119.57	125.17	123.03	126.20	124.62	126.41	126.45	125.74	1977	2.6	2.2	1.9	2.6	2.6	3.0	2.6	2.9	3.9	3.3	2.6	2.2	1.8
1978	132.89	122.50	127.16	133.56	133.86	131.29	135.24	134.50	135.54	135.72	133.73	136.00	134.06	1978	2.9	2.4	1.9	2.6	2.9	3.0	3.1	3.4	4.2	3.8	3.1	2.2	1.8
1979	140.10	136.12	137.53	140.35	133.44	137.70	141.04	141.79	142.38	142.99	143.76	142.25	144.86	1979	2.7	2.8	2.3	2.9	2.7	2.9	2.7	3.0	3.8	3.2	2.7	2.3	1.7
1980	153.51	146.96	150.86	152.89	151.99	148.95	154.77	153.64	155.98	155.80	157.56	155.95	159.65	1980	2.4	2.4	2.3	2.6	2.6	2.8	2.5	2.5	3.3	2.9	1.5	1.8	1.6
1981		161.84	163.11	166.90										1981		2.1	2.0	2.2									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	3.65	3.59	3.59	3.60	3.59	3.58	3.66	3.64	3.69	3.72	3.74	3.73	3.72	1977	2.9	3.2	2.4	2.2	3.8	2.8	3.0	4.0	2.1	2.1	2.6	2.4	4.3
1978	3.92	3.84	3.83	3.86	3.88	3.85	3.92	3.91	3.94	3.98	3.98	4.00	3.99	1978	2.2	3.1	1.9	2.4	2.3	1.7	2.0	2.6	1.2	1.4	1.5	2.7	4.3
1979	4.22	4.10	4.13	4.14	4.17	4.16	4.21	4.22	4.25	4.32	4.33	4.35	4.35	1979	2.7	2.8	2.2	2.3	2.6	2.5	2.2	3.5	2.8	1.7	2.3	3.1	4.1
1980	4.61	4.44	4.49	4.51	4.51	4.50	4.62	4.60	4.67	4.75	4.76	4.74	4.78	1980	2.9	2.7	1.9	1.4	2.5	3.4	2.9	4.1	3.0	2.4	2.6	3.5	4.7
1981		4.86	4.84	4.88										1981		3.0	2.1	2.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2331—WOMEN'S AND MISSES' BLOUSES AND WAISTS													
1977	33.7	32.4	34.0	34.4	33.2	33.4	34.2	33.8	34.2	33.5	33.8	33.9	33.8	ALL EMPLOYEES—IN THOUSANDS													
1978	33.9	31.9	33.2	34.6	34.5	34.1	34.5	34.4	34.4	34.1	33.6	34.0	33.6	1977	56.5	53.5	55.5	55.8	55.7	56.3	57.3	54.6	57.2	56.9	57.9	58.6	58.2
1979	33.2	33.2	33.3	33.9	32.0	33.1	33.5	33.6	33.5	33.1	33.2	32.7	33.3	1978	61.1	58.3	58.7	59.4	59.8	59.8	61.8	58.8	61.3	62.7	63.7	64.6	64.3
1980	33.3	33.1	33.6	33.9	33.7	33.1	33.5	33.4	33.4	32.8	33.1	32.9	33.4	1979	64.0	64.8	65.2	65.6	65.3	65.3	65.7	62.2	63.1	62.9	63.6	63.1	61.2
1981		33.3	33.7	34.2										1980	61.9	61.5	62.9	63.5	63.5	63.0	63.7	59.2	60.3	60.8	61.3	61.8	61.0
														1981		60.6	61.3	62.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	1.2	1.1	1.2	1.3	1.0	1.0	1.2	1.1	1.3	1.2	1.3	1.3	1.2	1977	49.9	46.8	49.2	49.5	49.6	50.0	50.7	47.9	50.4	50.3	51.2	51.7	51.5
1978	1.2	1.1	1.3	1.4	1.3	1.2	1.4	1.2	1.3	1.3	1.2	1.2	1.0	1978	53.8	51.3	51.7	52.3	52.6	52.4	54.3	51.5	53.8	55.3	56.2	56.9	56.9
1979	.9	.9	1.0	1.1	.6	.8	.9	.7	.9	.9	.8	.8	.8	1979	56.4	57.4	57.6	57.9	57.7	57.7	58.1	54.8	55.6	55.1	55.9	55.3	53.6
1980	.9	.8	.9	1.0	.8	.7	.8	.7	.9	.8	.9	.8	1.0	1980	54.6	54.0	55.1	55.9	55.9	55.4	56.1	52.1	53.2	53.9	54.5	54.9	54.3
1981		.9	1.0	1.0										1981		54.0	54.5	55.4									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	6.1	7.5	6.7	6.1	5.7	6.7	6.9	6.6	6.8	5.6	6.3	5.0	3.8	1977	49.6	47.2	49.0	49.2	49.0	49.5	50.4	47.8	50.1	49.9	50.7	51.3	50.9
1978	5.9	7.3	5.4	6.2	5.9	6.2	6.4	6.5	6.9	6.1	5.8	4.3	3.8	1978	53.6	51.1	51.5	52.1	52.5	52.4	54.2	51.4	53.8	55.3	56.1	56.7	56.5
1979	5.7	7.6	5.5	5.3	4.9	6.3	5.6	5.8	6.4	6.1	6.4	4.5	3.7	1979	55.8	56.9	57.4	57.5	57.2	57.2	57.5	54.1	55.0	54.4	55.1	54.5	52.8
1980	5.8	7.6	6.3	5.7	5.3	5.8	5.5	7.1	6.9	6.5	4.0	4.5	4.2	1980	53.8	53.3	54.5	55.2	55.3	55.0	55.6	51.3	52.2	52.8	53.4	53.9	53.2
1981		7.3	6.2	6.1										1981		53.1	53.5	54.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.5	3.6	3.4	3.6	3.4	4.1	3.9	3.7	4.5	3.6	3.5	2.9	1.8	1977	117.65	111.51	116.96	117.65	115.25	116.28	120.06	115.90	117.31	116.58	120.75	121.09	120.01
1978	3.7	3.4	3.1	3.5	3.8	3.9	4.4	4.2	4.6	4.5	4.0	2.7	1.8	1978	126.98	119.39	121.27	126.67	125.94	125.98	132.10	124.94	129.17	128.00	128.00	130.15	130.13
1979	3.3	3.8	3.2	3.1	2.8	3.5	3.4	3.2	3.9	3.7	3.9	2.7	1.7	1979	134.64	130.76	131.43	134.94	129.42	134.41	137.36	139.48	133.91	132.80	138.04	137.30	136.08
1980	3.1	3.6	3.5	3.7	3.4	3.2	3.2	3.3	3.5	3.9	2.2	2.4	1.6	1980	146.97	142.04	145.94	145.43	146.54	143.98	147.83	147.77	146.63	146.06	149.94	149.63	150.64
1981		3.5	3.5	3.7										1981		152.21	154.13	155.84									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	2.4	3.5	3.0	2.1	1.9	2.3	2.7	2.6	2.0	1.7	2.6	1.9	1.9	1977	3.45	3.41	3.41	3.42	3.43	3.42	3.48	3.34	3.43	3.48	3.49	3.52	3.54
1978	2.0	3.4	2.2	2.5	1.8	2.0	1.7	2.1	2.0	1.3	1.5	1.3	1.9	1978	3.67	3.64	3.62	3.64	3.64	3.62	3.69	3.58	3.68	3.71	3.71	3.74	3.75
1979	2.2	3.5	2.1	2.0	1.9	2.6	1.9	2.4	2.3	2.1	2.4	1.6	1.7	1979	3.96	3.88	3.90	3.90	3.91	3.93	3.97	3.94	3.95	4.00	4.06	4.05	4.05
1980	2.4	3.8	2.4	1.8	1.7	2.4	2.0	3.5	3.1	2.3	1.6	1.9	2.5	1980	4.31	4.24	4.23	4.24	4.26	4.21	4.31	4.21	4.30	4.36	4.41	4.44	4.47
1981		3.5	2.5	2.2										1981		4.53	4.56	4.57									

See footnotes at end of tables.

SIC 2331
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2331—WOMEN'S AND MISSES' BLOUSES AND WAISTS (Con.)														SIC 2335—WOMEN'S AND MISSES' DRESSES (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	34.1	32.7	34.3	34.4	33.6	34.0	34.5	34.7	34.2	33.5	34.6	34.4	33.9	1977	1.1	1.0	1.2	1.3	0.9	1.0	1.1	1.0	1.2	1.0	1.1	1.2	1.2
1978	34.6	32.8	33.5	34.8	34.6	34.8	35.8	34.9	35.1	34.5	34.5	34.8	34.7	1978	1.3	1.2	1.3	1.4	1.4	1.2	1.3	1.4	1.2	1.3	1.2	1.2	.9
1979	34.0	33.7	33.7	34.6	33.1	34.2	34.6	35.4	33.9	33.2	34.0	33.9	33.6	1979	.8	.8	.9	1.1	.6	.7	.7	.9	.9	.9	.8	.8	.8
1980	34.1	33.5	34.5	34.3	34.4	34.2	34.3	35.1	34.1	33.5	34.0	33.7	33.7	1980	.7	.6	.8	.9	.6	.7	.8	.6	.8	.7	.8	.7	.7
1981		33.6	33.8	34.1										1981		.8	.9	1.0									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														SIC 2337—WOMEN'S AND MISSES' SUITS AND COATS													
1977	1.0	1.0	1.1	1.2	1.0	.9	1.0	.8	.9	1.1	1.0	1.1	1.0	ALL EMPLOYEES—IN THOUSANDS													
1978	1.0	.8	.9	1.1	1.0	1.1	1.5	.8	1.1	1.0	1.0	1.1	.9	1977	66.8	65.7	67.7	65.9	62.2	66.2	70.3	67.0	69.7	69.7	68.4	66.9	61.5
1979	.8	.9	.9	1.1	.5	.9	.9	.7	.7	.6	.6	.7	.8	1978	64.7	59.8	62.9	64.4	63.6	65.3	68.0	63.6	68.1	68.3	67.1	64.1	61.5
1980	.8	.8	1.0	1.0	.9	.8	.8	.7	.9	.8	.9	.8	.6	1979	64.8	62.1	63.7	64.8	65.2	66.2	69.1	64.3	67.6	66.7	66.7	61.8	59.1
1981		.8	.9	.9										1980	65.9	57.7	59.7	61.8	63.6	67.9	71.0	67.4	71.5	71.4	68.9	64.8	64.6
ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	163.5	155.5	164.7	170.7	170.3	165.8	167.3	160.0	164.1	163.5	161.7	162.2	155.8	1977	54.2	53.5	54.9	53.7	50.4	53.9	57.1	53.9	56.1	56.6	55.4	54.3	50.2
1978	164.5	154.3	159.2	167.3	168.1	165.7	167.0	158.1	166.1	168.8	169.6	166.7	162.9	1978	53.5	49.1	52.0	53.5	53.0	54.1	56.5	52.1	56.1	56.4	55.0	52.9	51.0
1979	156.5	163.2	161.9	164.2	165.5	158.4	158.9	151.1	154.6	154.1	152.9	149.2	143.4	1979	53.3	51.4	52.3	53.8	54.5	55.1	57.2	52.7	55.3	54.4	54.8	50.4	48.1
1980	144.3	147.9	153.3	156.4	150.3	142.7	144.5	135.8	143.1	142.9	140.0	139.4	135.5	1980	53.4	46.8	48.6	50.4	51.9	55.6	57.8	54.9	57.8	57.4	55.2	51.5	52.4
1981		135.3	140.6	143.9										1981		47.7	48.5	49.0									
WOMEN EMPLOYEES—IN THOUSANDS														PRODUCTION WORKERS—IN THOUSANDS													
1977	142.2	135.0	143.3	149.2	148.6	144.4	145.6	138.2	142.5	142.3	140.9	141.3	135.4	1977	56.7	55.7	57.9	56.0	52.1	56.0	59.7	56.9	59.3	59.4	58.2	57.0	51.8
1978	143.2	134.0	138.4	146.0	147.0	144.6	145.8	137.0	144.8	147.2	148.0	145.3	140.3	1978	55.4	50.4	53.5	55.0	54.5	55.9	58.6	54.2	58.6	58.9	57.7	55.0	52.5
1979	136.4	140.9	139.5	142.6	144.7	138.6	139.2	131.5	135.3	134.6	133.9	130.6	125.4	1979	55.8	53.2	54.2	55.6	55.9	57.0	59.9	55.4	58.6	57.8	58.0	53.4	50.4
1980	126.3	129.9	134.8	137.9	132.6	125.1	125.9	118.6	125.1	125.0	122.0	121.4	117.7	1980	57.2	49.4	51.0	53.5	54.9	59.3	62.7	59.5	62.9	62.3	60.1	56.0	55.3
1981		117.5	122.4	125.3										1981		50.3	51.4	51.4									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	144.2	137.3	144.7	151.3	150.8	146.6	148.2	140.9	145.0	143.9	142.5	142.7	136.8	1977	132.47	125.58	131.48	130.32	125.24	128.76	137.89	132.26	137.50	134.72	136.37	136.29	133.17
1978	144.9	135.6	140.2	147.8	147.8	145.4	147.2	138.6	147.2	149.3	150.1	147.2	142.0	1978	141.12	130.29	131.05	138.24	138.24	140.35	147.40	148.25	146.72	148.86	140.58	140.81	141.04
1979	138.6	142.8	141.8	144.2	146.3	141.2	141.8	134.1	138.1	137.2	136.3	132.9	126.8	1979	150.06	142.66	140.92	144.52	135.29	147.40	154.93	154.13	158.81	156.91	152.99	155.47	154.34
1980	127.9	131.5	136.5	139.4	133.4	126.4	128.1	119.6	126.8	126.5	123.5	123.6	119.7	1980	171.20	155.57	158.88	162.96	163.48	165.92	173.06	176.97	180.78	177.66	178.13	178.34	178.31
1981		119.3	124.5	127.4										1981		177.02	180.26	181.65									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	122.34	115.50	121.88	124.07	120.01	118.99	123.88	123.38	126.21	123.44	124.03	124.69	124.64	1977	3.99	3.90	3.89	3.89	3.83	3.89	4.02	4.02	4.08	4.07	4.12	4.13	4.06
1978	131.53	120.12	124.80	132.50	134.19	129.03	132.73	135.34	134.94	135.79	132.43	135.05	131.24	1978	4.20	4.11	4.07	4.09	4.09	4.14	4.26	4.26	4.29	4.34	4.26	4.28	4.21
1979	137.58	132.51	134.62	138.35	131.94	134.09	137.06	137.90	139.64	141.07	141.32	137.54	141.57	1979	4.52	4.31	4.39	4.34	4.35	4.40	4.53	4.52	4.59	4.67	4.65	4.74	4.72
1980	148.37	143.28	148.39	150.88	147.02	141.67	149.46	145.70	151.05	150.79	152.57	148.28	151.35	1980	5.05	4.70	4.80	4.85	4.88	4.88	5.09	5.10	5.24	5.21	5.27	5.23	5.26
1981		156.87	158.05	164.67										1981		5.30	5.24	5.25									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.73	3.69	3.66	3.66	3.67	3.65	3.72	3.75	3.79	3.81	3.84	3.79	3.80	1977	33.2	32.2	33.8	33.5	32.7	33.1	34.3	32.9	33.7	33.1	33.1	33.0	32.8
1978	4.01	3.90	3.90	3.92	3.97	3.91	4.01	4.04	4.04	4.09	4.10	4.13	4.14	1978	33.6	31.7	32.2	33.8	33.8	33.9	34.6	34.8	34.2	34.3	33.0	32.9	33.5
1979	4.34	4.22	4.22	4.27	4.27	4.23	4.31	4.35	4.35	4.45	4.43	4.48	4.48	1979	33.2	33.1	32.1	33.3	31.1	33.5	34.2	34.1	34.6	33.6	32.9	32.8	32.7
1980	4.71	4.52	4.58	4.60	4.58	4.57	4.70	4.70	4.75	4.88	4.89	4.83	4.93	1980	33.9	33.1	33.1	33.6	33.5	34.0	34.0	34.7	34.5	34.1	33.8	34.1	33.9
1981		4.98	4.97	4.99										1981		33.4	34.4	34.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	32.8	31.3	33.3	33.9	32.7	32.6	33.3	32.9	33.3	32.4	32.3	32.9	32.8	1977	1.2	1.1	1.1	1.2	.8	1.0	1.3	1.1	1.4	1.4	1.4	1.2	1.3
1978	32.8	30.8	32.0	33.8	33.8	33.0	33.1	33.5	33.4	33.2	32.3	32.7	31.7	1978	1.2	1.1	1.3	1.4	1.3	1.3	1.4	1.4	1.3	1.4	.9	.7	.6
1979	31.7	31.4	31.9	32.4	30.9	31.7	31.8	31.7	32.1	31.7	31.9	30.7	31.6	1979	.8	.7	.6	.8	.4	.8	1.1	.8	1.2	1.0	.9	.7	.7
1980	31.5	31.7	32.4	32.8	32.1	31.0	31.8	31.0	31.8	30.9	31.2	30.7	30.7	1980	.8	.7	.7	.8	.7	.7	.8	.9	1.0	1.0	.9	.9	
1981		31.5	31.8	33.0										1981		.8	.8	.9									

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2341—WOMEN'S AND CHILDREN'S UNDERWEAR (Con.)														SIC 2342—BRASSIERES AND ALLIED GARMENTS (Con.)													
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	1.1	2.1	1.2	1.3	1.0	1.1	0.8	2.3	0.4	0.3	0.5	0.9	1.5	1977	4.2	2.6	2.8	4.1	4.4	4.4	4.0	4.6	7.1	4.9	4.3	3.6	3.8
1978	1.1	1.2	1.4	1.0	.6	1.0	.6	2.1	.3	.3	.4	.9	3.1	1978	4.2	3.8	3.8	4.5	3.3	4.4	4.2	3.6	5.9	5.1	4.5	4.8	2.6
1979	1.4	1.9	1.1	.9	1.1	1.4	1.1	1.7	.7	.9	1.4	1.5	2.8	1979	4.9	4.8	4.0	3.9	4.0	4.8	5.1	5.2	9.9	5.6	5.5	4.2	2.0
1980	1.6	1.3	.9	1.0	1.5	2.0	2.1	1.7	.8	.6	1.5	2.0	3.7	1980	4.0	5.1	4.5	4.1	3.1	3.5	2.9	3.0	4.7	5.1	5.5	4.0	3.1
1981		1.8	1.1	1.3										1981		5.5	4.8	4.8									
SIC 2342—BRASSIERES AND ALLIED GARMENTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	20.9	21.1	20.9	20.6	20.5	20.8	21.0	20.2	20.5	20.9	21.1	21.3	21.3	1978	3.2	2.5	2.7	2.3	2.4	3.4	3.6	2.6	3.4	4.4	4.2	4.3	2.4
1978	20.2	20.9	20.5	21.2	20.9	20.5	20.2	19.6	19.6	19.9	19.7	19.6	19.4	1979	3.5	2.9	3.1	3.5	3.2	4.0	3.6	3.1	4.9	4.3	4.7	2.9	1.6
1979	18.7	19.0	18.9	18.7	19.1	18.8	18.9	17.8	18.9	18.5	18.4	18.6	18.8	1980	3.1	3.0	3.4	3.5	2.5	2.9	2.5	2.4	3.2	4.1	4.5	3.1	2.5
1980	17.6	18.4	18.5	18.2	18.1	17.9	17.5	16.9	16.8	17.0	17.2	17.5	17.5	1981		3.9	3.8	4.0									
1981		17.3	17.5	17.7																							
WOMEN EMPLOYEES—IN THOUSANDS														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	17.1	17.3	17.3	17.0	16.9	17.1	17.3	16.6	16.8	17.1	17.2	17.4	17.4	1978	3.2	2.5	2.7	2.3	2.4	3.4	3.6	2.6	3.4	4.4	4.2	4.3	2.4
1978	16.5	17.1	16.8	17.5	17.2	17.1	16.4	15.9	16.0	16.1	16.1	16.2	16.0	1979	3.5	2.9	3.1	3.5	3.2	4.0	3.6	3.1	4.9	4.3	4.7	2.9	1.6
1979	15.5	15.7	15.6	15.6	16.0	15.7	15.7	14.6	15.6	15.4	15.3	15.6	15.7	1980	3.1	3.0	3.4	3.5	2.5	2.9	2.5	2.4	3.2	4.1	4.5	3.1	2.5
1980	14.5	15.3	15.4	15.1	15.1	14.9	14.5	13.8	13.6	13.9	14.0	14.3	14.3	1981		3.9	3.8	4.0									
1981		14.2	14.4	14.4																							
PRODUCTION WORKERS—IN THOUSANDS														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	16.6	16.6	16.6	16.4	16.4	16.6	16.8	16.1	16.3	16.7	17.0	17.1	17.1	1978	3.2	2.5	2.7	2.3	2.4	3.4	3.6	2.6	3.4	4.4	4.2	4.3	2.4
1978	16.1	16.7	16.4	17.0	16.9	16.6	16.1	15.5	15.5	15.8	15.5	15.6	15.4	1979	3.5	2.9	3.1	3.5	3.2	4.0	3.6	3.1	4.9	4.3	4.7	2.9	1.6
1979	14.9	15.1	15.0	15.0	15.3	15.1	15.2	14.0	15.1	14.7	14.3	14.8	14.9	1980	3.1	3.0	3.4	3.5	2.5	2.9	2.5	2.4	3.2	4.1	4.5	3.1	2.5
1980	13.8	14.5	14.6	14.4	14.3	14.1	13.7	13.1	12.9	13.1	13.4	13.6	13.7	1981		3.9	3.8	4.0									
1981		13.5	13.7	13.9																							
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	128.88	122.50	126.74	130.67	127.78	132.50	132.13	123.90	127.76	128.52	131.01	131.01	131.40	1978	3.2	2.5	2.7	2.3	2.4	3.4	3.6	2.6	3.4	4.4	4.2	4.3	2.4
1978	139.81	126.25	133.89	137.63	133.89	137.94	150.16	135.99	144.71	147.84	143.23	146.23	140.30	1979	3.5	2.9	3.1	3.5	3.2	4.0	3.6	3.1	4.9	4.3	4.7	2.9	1.6
1979	146.20	141.91	145.48	148.63	143.79	147.65	146.08	139.66	147.85	147.74	147.20	150.52	144.28	1980	3.1	3.0	3.4	3.5	2.5	2.9	2.5	2.4	3.2	4.1	4.5	3.1	2.5
1980	151.89	147.65	148.43	149.39	149.02	149.04	144.32	147.61	153.28	155.31	159.67	160.92	158.95	1981		3.9	3.8	4.0									
1981		163.09	165.43	167.90																							
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	3.57	3.52	3.56	3.58	3.63	3.63	3.63	3.51	3.51	3.56	3.56	3.56	3.60	1978	3.2	2.5	2.7	2.3	2.4	3.4	3.6	2.6	3.4	4.4	4.2	4.3	2.4
1978	3.82	3.67	3.74	3.75	3.74	3.80	3.88	3.82	3.89	3.86	3.84	3.91	3.93	1979	3.5	2.9	3.1	3.5	3.2	4.0	3.6	3.1	4.9	4.3	4.7	2.9	1.6
1979	4.13	4.02	4.03	4.14	4.12	4.09	4.15	4.06	4.13	4.15	4.23	4.24	4.17	1980	3.1	3.0	3.4	3.5	2.5	2.9	2.5	2.4	3.2	4.1	4.5	3.1	2.5
1980	4.39	4.33	4.34	4.33	4.37	4.32	4.36	4.38	4.43	4.45	4.46	4.47	4.44	1981		3.9	3.8	4.0									
1981		4.62	4.66	4.69																							
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	36.1	34.8	35.6	36.5	35.2	36.5	36.4	35.3	36.4	36.1	36.8	36.8	36.5	1978	3.2	2.5	2.7	2.3	2.4	3.4	3.6	2.6	3.4	4.4	4.2	4.3	2.4
1978	36.6	34.4	35.8	36.7	35.8	36.3	36.7	35.6	37.2	38.3	37.3	37.4	35.7	1979	3.5	2.9	3.1	3.5	3.2	4.0	3.6	3.1	4.9	4.3	4.7	2.9	1.6
1979	35.4	35.3	36.1	35.9	34.9	36.1	35.2	34.4	35.8	35.6	34.8	35.5	34.6	1980	3.1	3.0	3.4	3.5	2.5	2.9	2.5	2.4	3.2	4.1	4.5	3.1	2.5
1980	34.6	34.1	34.2	34.5	34.1	34.5	33.1	33.7	34.6	34.9	35.8	36.0	35.8	1981		3.9	3.8	4.0									
1981		35.3	35.5	35.8																							
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	1.1	.8	.9	1.1	.8	1.3	1.6	.9	1.2	1.5	1.3	1.1	.6	1978	3.2	2.5	2.7	2.3	2.4	3.4	3.6	2.6	3.4	4.4	4.2	4.3	2.4
1978	1.0	.9	1.1	1.1	.9	1.0	1.6	.5	.9	1.3	1.1	1.0	.9	1979	3.5	2.9	3.1	3.5	3.2	4.0	3.6	3.1	4.9	4.3	4.7	2.9	1.6
1979	.9	.4	.8	.9	.5	.8	.9	.5	1.3	1.2	1.2	1.2	.9	1980	3.1	3.0	3.4	3.5	2.5	2.9	2.5	2.4	3.2	4.1	4.5	3.1	2.5
1980	.9	.6	.7	1.2	1.0	.7	.6	.5	.7	.9	1.2	1.1	1.1	1981		3.9	3.8	4.0									
1981		.9	1.0	1.0																							
RECALLS PER 100 EMPLOYEES														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	1.0	.7	1.0	1.2	.8	.9	.6	1.1	2.1	.9	.8	.8	.7	1978	3.2	2.5	2.7	2.3	2.4	3.4	3.6	2.6	3.4	4.4	4.2	4.3	2.4
1978	.8	.6	.9	1.7	.5	.8	.4	.8	2.1	.4	.2	.4	.2	1979	3.5	2.9	3.1	3.5	3.2	4.0	3.6	3.1	4.9	4.3	4.7	2.9	1.6
1979	1.1	1.8	.7	1	.6	.7	1.3	1.9	3.2	1.0	.7	1.2	.3	1980	3.1	3.0	3.4	3.5	2.5	2.9	2.5	2.4	3.2	4.1	4.5	3.1	2.5
1980	.7	2.0	1.0	.5	.4	.4	.3	.4	1.3	.6				1981		3.9	3.8	4.0									
1981		1.4	.7	.6																							
SEPARATIONS PER 100 EMPLOYEES														1977	2.8	1.7	1.5	2.6	3.2	3.1	3.0	3.1	4.7	3.6	3.1	2.5	1.9
1977	4.1	4.3	3.9	3.6	3.9	3.3	3.5	6.3	5.6	4.2	3.8	4.2	3.1	1978	5.0	5.1	4.8	5.1	4.2	5.4	5.3	6.0	5.0	6.0	4.8	3.5	5.1
1978	5.0	5.1	4.8	5.1	4.2	5.4	5.3	6.0	5.0	6.0	4.8	3.5	5.1	1979	5.4	4.6	4.4	5.5	6.6	5.9	4.6	7.0					

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 236—CHILDREN'S OUTERWEAR (Con.)														SIC 236—CHILDREN'S OUTERWEAR (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	59.0	58.2	60.2	58.8	59.2	60.8	62.1	59.2	57.5	58.2	58.2	57.8	58.2	1977	5.5	6.1	5.0	6.5	5.4	5.0	4.3	5.4	7.8	6.8	4.3	4.2	4.9
1978	59.1	58.2	59.4	59.0	59.2	60.5	62.1	58.6	59.3	59.0	58.6	57.5	57.2	1978	5.9	5.6	5.0	6.5	5.3	5.5	5.1	7.4	8.2	6.7	5.5	5.3	4.4
1979	56.8	56.5	57.7	57.4	56.3	57.5	58.9	57.2	56.5	56.2	55.6	56.2	55.5	1979	5.8	5.2	5.2	5.9	5.7	4.9	5.1	5.5	8.0	6.2	5.4	6.1	6.6
1980	55.4	56.1	57.6	56.5	55.8	56.6	57.8	53.4	53.2	54.9	55.8	54.5	53.1	1980	5.9	5.7	4.6	6.2	7.0	6.4	5.2	6.7	7.7	5.3	5.3	5.3	5.9
1981		54.3	55.5	55.7										1981		5.4	3.9	5.0									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	116.77	105.94	116.96	115.99	114.05	115.34	119.03	115.70	116.09	118.57	119.88	121.66	125.15	1977	2.8	2.4	2.2	2.9	2.6	3.0	3.1	2.8	3.8	3.6	2.8	2.3	1.9
1978	127.79	116.23	127.78	127.04	128.12	128.10	133.46	130.26	127.08	129.60	126.74	131.41	130.68	1978	3.5	2.9	2.5	3.2	3.5	4.2	3.8	3.7	5.1	4.8	3.6	2.9	2.0
1979	137.86	133.08	136.06	136.76	132.24	136.46	140.59	139.08	137.86	138.16	138.87	143.39	145.52	1979	3.1	2.7	2.5	3.3	3.2	3.4	3.5	2.8	4.5	3.7	3.2	2.4	1.8
1980	151.20	148.68	148.37	145.08	145.38	148.27	150.38	151.14	150.42	153.44	156.52	156.09	158.63	1980	3.0	3.2	3.0	3.5	3.2	3.4	3.1	3.3	3.9	3.2	2.7	2.2	1.7
1981		162.09	161.90	160.47										1981		2.3	2.6	2.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	3.28	3.22	3.24	3.24	3.24	3.24	3.27	3.25	3.27	3.34	3.33	3.37	3.41	1977	1.9	2.7	1.9	2.8	1.8	1.1	.6	1.5	3.0	2.5	.9	1.3	2.4
1978	3.54	3.48	3.52	3.49	3.51	3.50	3.54	3.53	3.60	3.57	3.62	3.62	3.64	1978	1.5	1.5	1.7	2.4	1.2	.5	.4	2.5	1.9	1.1	1.1	1.5	1.7
1979	3.84	3.77	3.79	3.82	3.80	3.78	3.81	3.80	3.84	3.87	3.89	3.95	4.02	1979	2.0	1.8	2.2	1.9	1.8	.9	.7	1.9	2.5	1.7	1.4	2.9	4.2
1980	4.20	4.13	4.11	4.11	4.13	4.13	4.12	4.21	4.19	4.31	4.30	4.30	4.37	1980	2.0	1.4	.8	1.8	2.9	2.1	1.2	2.2	2.7	1.0	1.8	2.5	3.5
1981		4.49	4.46	4.47										1981		2.5	.7	1.6									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2361—CHILDREN'S DRESSES AND BLOUSES													
1977	35.6	32.9	36.1	35.8	35.2	35.6	36.4	35.6	35.5	35.5	36.0	36.1	36.7	ALL EMPLOYEES—IN THOUSANDS													
1978	36.1	33.4	36.3	36.4	36.5	36.6	37.7	36.9	36.0	36.0	35.5	36.3	35.9	1977	27.1	26.7	27.2	26.8	26.9	27.7	28.1	27.1	25.4	26.9	27.1	27.5	27.5
1979	35.9	35.3	35.9	35.8	34.8	36.1	36.9	36.6	35.9	35.7	35.7	36.3	36.2	1978	27.3	27.2	27.3	27.3	27.2	27.2	27.8	27.4	26.4	27.1	27.6	27.8	27.4
1980	36.0	36.0	36.1	35.3	35.2	35.9	36.5	35.9	35.9	35.6	36.4	36.3	36.3	1979	27.5	27.1	27.4	27.2	27.2	27.9	28.4	27.9	26.7	27.3	27.9	27.9	27.6
1981		36.1	36.3	35.9										1980	27.6	28.1	28.8	27.9	27.5	27.7	28.1	26.1	26.1	27.2	27.9	27.7	27.8
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		28.0	28.4	28.3									
1977	1.3	.5	1.2	1.2	.8	1.2	1.6	1.4	1.8	1.5	1.5	1.5	1.5	WOMEN EMPLOYEES—IN THOUSANDS													
1978	1.5	1.0	2.2	1.7	1.6	1.6	2.0	1.5	1.3	1.4	1.3	1.4	1.0	1977	24.2	23.9	24.3	23.9	24.0	24.7	25.2	24.1	22.7	24.0	24.2	24.5	24.6
1979	1.2	1.0	1.4	1.2	.7	1.1	1.3	1.1	1.7	1.1	1.2	1.3	1.2	1978	24.4	24.4	24.4	24.3	24.3	24.3	24.9	24.4	23.5	24.2	24.7	24.9	24.6
1980	1.2	1.3	1.3	1.3	1.0	1.0	1.1	.8	1.4	1.1	1.2	1.2	1.1	1979	24.5	24.2	24.5	24.3	24.2	24.8	25.2	24.9	23.7	24.3	24.9	24.7	24.4
1981		1.0	1.2	1.1										1980	24.4	25.0	25.7	24.8	24.4	24.5	25.1	23.3	23.0	24.1	24.7	24.3	24.3
ACCESSIONS PER 100 EMPLOYEES														1981		24.6	24.9	24.9									
1977	5.6	7.0	6.0	5.5	6.0	6.8	5.7	4.3	5.7	6.0	6.1	4.2	3.5	PRODUCTION WORKERS—IN THOUSANDS													
1978	5.6	6.0	5.8	5.6	6.6	6.9	6.2	4.0	5.7	7.0	5.6	4.6	2.6	1977	24.2	23.7	24.3	24.0	23.9	24.8	25.3	24.2	22.6	23.9	24.2	24.7	24.7
1979	5.0	5.4	4.5	5.2	4.6	5.5	6.3	3.8	5.4	5.0	5.6	4.8	3.7	1978	24.6	24.6	24.8	24.6	24.5	24.6	25.1	24.6	23.6	24.4	24.7	24.8	24.5
1980	6.1	7.8	5.9	5.7	6.2	8.4	7.3	5.3	6.3	7.3	5.6	3.5	3.5	1979	24.8	24.2	24.4	24.3	24.3	25.1	25.6	25.3	23.9	24.6	25.3	25.2	24.8
1981		6.8	4.5	4.3										1980	24.7	25.2	25.8	25.1	24.8	25.1	25.5	23.3	23.2	24.3	25.0	24.7	24.6
NEW HIRES PER 100 EMPLOYEES														1981		25.2	25.6	25.4									
1977	3.7	3.8	3.7	3.6	3.6	5.1	4.3	3.0	4.0	3.3	4.3	3.2	2.2	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.1	4.3	4.1	4.0	4.3	5.2	5.1	3.4	4.0	5.0	4.4	3.4	1.5	1977	117.15	107.58	118.08	115.78	113.47	116.32	121.18	120.15	114.87	115.56	120.52	122.61	120.52
1979	3.6	3.6	2.9	3.6	3.0	4.2	5.0	2.8	3.7	3.9	4.3	3.4	2.4	1978	126.02	118.68	124.58	123.15	124.24	126.32	131.71	130.30	122.14	125.32	126.02	130.30	128.88
1980	4.0	5.0	4.2	4.5	4.1	5.2	4.6	3.8	4.2	4.4	4.0	2.7	1.6	1979	136.42	133.92	134.17	133.16	132.68	133.93	140.23	140.24	133.60	135.34	137.11	140.07	141.37
1981		3.6	3.2	2.9										1980	146.91	144.13	144.94	140.07	139.54	144.38	147.33	148.97	145.81	146.89	153.91	151.56	155.23
RECALLS PER 100 EMPLOYEES														1981		157.00	159.28	157.44									
1977	1.7	3.0	2.1	1.3	2.3	1.4	1.2	.9	1.5	2.5	1.6	.8	1.2	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	1.3	1.5	1.6	1.4	2.1	1.4	.9	.5	1.2	1.7	1.0	.9	.9	1977	3.30	3.25	3.28	3.28	3.27	3.24	3.32	3.31	3.32	3.34	3.32	3.35	3.32
1979	1.2	1.6	1.4	1.6	1.5	1.1	1.1	.7	1.6	.9	1.1	1.2	1.2	1978	3.52	3.45	3.48	3.44	3.48	3.48	3.55	3.56	3.52	3.55	3.53	3.56	3.58
1980	1.8	2.6	1.6	.9	1.9	2.9	2.4	1.2	1.9	2.4	1.3	.5	1.7	1979	3.80	3.72	3.79	3.73	3.78	3.71	3.79	3.77	3.85	3.77	3.83	3.88	3.96
1981		3.0	1.2	1.2										1980	4.15	4.06	4.06	4.06	4.08	4.09	4.07	4.22	4.19	4.27	4.24	4.21	4.30
														1981		4.41	4.40	4.41									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 2361—CHILDREN'S DRESSES AND BLOUSES (Con.)														SIC 238—MISC. APPAREL AND ACCESSORIES (Con.)														
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	35.5	33.1	36.0	35.3	34.7	35.9	36.5	36.3	34.6	34.6	36.3	36.6	36.3	1977	1.3	1.0	1.3	1.2	0.9	1.3	1.2	0.9	1.2	1.8	1.7	1.9	1.4	
1978	35.8	34.4	35.8	35.8	35.7	36.3	37.1	36.6	34.7	35.3	35.7	36.6	36.0	1978	1.4	.7	1.2	1.4	1.4	1.6	1.6	1.0	1.5	1.7	1.7	1.7	1.4	
1979	35.9	36.0	35.4	35.7	35.1	36.1	37.0	37.2	34.7	35.9	35.8	36.1	35.7	1979	1.2	1.2	1.1	1.3	.7	1.2	1.2	.6	1.1	1.5	1.6	1.7	1.1	
1980	35.4	35.5	35.7	34.5	34.2	35.3	36.2	35.3	34.8	34.4	36.3	36.0	36.1	1980	1.1	.7	1.0	1.1	1.2	1.0	1.0	.7	1.2	1.2	1.5	1.5	1.1	
1981		35.6	36.2	35.7										1981		.7	1.0	1.3										
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES														
1977	1.4	.9	1.4	1.4	.9	1.2	1.5	1.7	1.1	1.2	1.8	2.0	1.9	1977	6.0	5.6	7.3	7.5	6.6	6.9	6.7	5.9	7.9	6.0	5.2	3.7	2.3	
1978	1.9	1.7	2.5	1.9	2.0	2.1	2.5	2.1	1.4	1.7	1.8	1.7	1.2	1978	6.0	7.0	5.5	6.4	6.0	7.4	5.3	6.9	8.4	6.5	5.9	4.1	2.5	
1979	1.2	1.2	1.6	1.2	1.0	1.2	1.4	1.6	1.0	1.0	1.1	1.2	.9	1979	6.0	5.6	5.6	6.8	6.2	7.4	6.5	6.5	8.0	6.3	6.1	3.6	2.4	
1980	.9	.9	1.0	1.1	.7	.9	.9	.9	.8	.9	1.1	1.2	.9	1980	5.7	7.8	7.9	5.5	5.4	6.8	4.4	5.4	7.6	6.2	4.9	4.1	2.7	
1981		.8	1.1	1.1										1981		5.6	5.5	6.3										
SIC 238—MISC. APPAREL AND ACCESSORIES														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES														
1977	60.7	57.2	59.2	60.4	61.1	61.4	62.8	57.5	61.3	62.3	62.8	62.3	59.6	1977	3.8	2.8	3.3	4.1	4.2	5.2	4.3	3.9	5.3	4.5	3.9	2.8	1.6	
1978	60.6	58.3	60.0	61.1	61.7	62.3	62.8	57.8	61.2	61.3	61.1	61.0	59.1	1978	4.0	3.1	3.0	4.3	4.4	5.4	4.1	3.9	5.3	5.1	4.7	3.2	1.6	
1979	57.8	56.7	58.2	59.3	58.9	59.1	59.5	55.4	58.0	58.4	58.3	56.4	55.1	1979	4.1	3.7	3.0	4.6	4.2	4.9	4.9	4.5	5.5	4.9	4.9	2.7	1.6	
1980	55.3	53.7	55.1	56.0	55.7	55.5	56.1	52.3	55.8	56.5	56.5	55.6	54.5	1980	3.1	3.5	3.5	3.8	3.5	3.4	2.2	2.8	3.6	4.1	3.4	1.9	1.4	
1981		52.8	54.3	55.0										1981		3.0	3.0	4.0										
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	46.8	43.8	45.6	46.6	47.2	47.5	48.4	42.9	47.0	48.4	48.9	48.5	46.6	1977	2.0	2.7	3.8	3.1	2.3	1.6	2.3	1.8	2.3	1.4	1.1	.8	.7	
1978	47.4	45.6	46.8	48.1	48.4	48.9	49.3	44.9	47.7	47.9	47.6	47.7	46.4	1978	1.7	3.7	2.4	2.0	1.4	1.8	1.1	2.7	2.5	1.1	.9	.7	.7	
1979	45.2	44.4	45.7	46.5	46.1	46.4	46.6	43.2	45.3	45.8	45.6	44.1	43.1	1979	1.6	1.6	2.3	1.9	1.7	2.2	1.5	1.8	1.8	1.2	1.1	.8	.7	
1980	42.8	42.0	42.5	43.6	43.5	43.3	43.5	40.0	43.1	43.6	43.4	42.7	41.9	1980	2.5	4.1	4.3	1.6	1.7	3.2	2.1	2.4	3.8	1.9	1.4	2.0	1.2	
1981		40.5	41.8	42.2										1981		2.3	2.3	2.0										
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES														
1977	52.4	49.3	51.3	52.4	53.1	53.3	54.5	49.0	53.1	54.1	54.4	53.6	51.1	1977	5.8	5.6	4.8	4.6	5.6	5.6	6.0	7.4	7.1	5.1	5.1	4.6	7.9	
1978	52.3	50.1	51.5	52.6	53.3	54.1	54.3	49.2	52.9	53.0	52.5	52.7	50.8	1978	5.9	6.3	3.5	4.6	4.9	5.4	6.2	9.6	7.7	5.5	5.7	4.9	6.9	
1979	49.8	48.7	50.2	50.8	50.8	51.3	51.4	47.5	49.8	50.3	50.4	48.5	47.3	1979	6.2	7.2	3.8	5.4	5.8	6.3	6.0	7.6	7.6	5.7	6.3	5.5	7.8	
1980	47.2	46.0	47.5	48.3	47.8	47.2	48.0	44.3	47.6	48.2	48.3	47.4	46.3	1980	6.5	8.1	5.2	5.1	6.8	7.0	6.8	8.5	6.2	5.6	5.4	6.0	7.1	
1981		44.8	46.3	46.9										1981		5.6	3.8	4.3										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	127.75	117.99	124.81	126.62	123.86	127.35	127.75	126.37	128.83	129.93	133.43	134.25	133.19	1977	2.1	2.7	2.2	1.3	1.6	1.7	1.8	3.1	1.6	.7	1.3	1.8	5.4	
1978	139.85	126.62	135.41	141.38	141.00	139.88	141.38	140.25	139.84	143.56	142.03	143.58	143.89	1978	1.8	3.0	.9	1.2	1.3	1.0	1.7	4.4	1.1	.7	1.2	1.7	4.2	
1979	149.60	142.40	142.04	148.64	141.05	149.33	151.33	149.65	149.65	152.62	154.56	158.79	156.65	1979	2.0	3.8	.6	1.2	1.8	1.9	1.1	2.9	.7	.9	1.9	2.2	5.3	
1980	161.37	155.49	156.52	157.35	158.24	161.37	159.04	159.58	162.81	166.50	171.67	173.26		1980	3.0	4.1	1.9	1.9	3.4	2.9	3.1	4.7	1.9	1.6	2.0	3.6	5.1	
1981		172.79	171.95	177.60										1981		2.8	1.3	1.2										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 239—MISC. FABRICATED TEXTILE PRODUCTS														
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS														
1977	36.5	34.6	36.6	36.7	35.9	36.7	36.5	35.9	36.6	36.6	37.8	37.5	37.1	1977	180.0	170.7	169.5	173.1	175.3	178.0	181.6	172.4	179.2	186.8	190.3	192.2	191.2	
1978	36.9	34.5	36.4	37.7	37.7	37.4	37.6	37.3	36.8	37.0	36.7	37.1	36.8	1978	191.3	186.2	184.9	188.4	190.1	190.4	191.9	182.7	192.4	196.0	197.4	198.4	196.4	
1979	36.4	35.6	35.6	36.7	35.0	36.6	37.0	36.5	36.6	36.6	36.8	37.1	36.6	1979	189.2	192.6	189.4	190.0	188.2	190.5	190.9	184.8	184.3	189.1	193.4	189.1	188.4	
1980	36.1	35.5	35.9	35.6	35.6	35.8	36.1	35.5	35.7	36.1	37.0	37.4	37.1	1980	178.0	181.1	181.7	183.3	174.1	169.4	169.8	161.0	177.5	183.6	185.5	186.6	182.9	
1981		36.3	36.2	37.0										1981		176.5	178.0	183.0										

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 239—MISC. FABRICATED TEXTILE PRODUCTS (Con.)														SIC 239—MISC. FABRICATED TEXTILE PRODUCTS (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	114.3	107.7	107.1	109.6	111.9	113.3	115.2	108.3	113.5	118.8	122.1	122.8	121.5	1977	1.1	1.7	1.2	1.0	0.9	0.9	0.9	2.2	1.7	0.7	0.8	0.6	0.5
1978	122.6	118.7	118.3	120.1	121.7	121.9	122.0	115.7	123.5	126.5	127.5	127.9	127.2	1978	1.0	1.6	1.0	1.2	.9	1.2	.8	1.3	1.3	.7	1.1	.8	.5
1979	121.4	124.3	121.4	122.1	120.0	122.0	121.8	117.7	118.5	121.3	124.5	122.3	121.4	1979	1.3	1.2	.8	1.1	.7	1.1	1.4	2.1	1.7	1.9	1.2	1.4	.9
1980	112.8	115.7	116.0	116.9	110.5	108.8	108.0	101.7	111.8	114.9	116.4	117.3	115.2	1980	1.9	2.5	1.4	1.4	1.7	1.9	1.7	1.9	3.7	2.6	1.9	1.5	1.1
1981		111.8	112.0	115.2										1981		2.2	1.6	1.6									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	148.3	140.2	138.8	142.3	144.0	146.6	149.9	140.9	146.8	154.4	157.5	159.2	159.1	1977	5.8	5.8	5.3	4.7	5.1	5.1	6.1	9.1	7.2	6.3	5.4	5.0	4.9
1978	159.3	154.1	152.8	156.2	158.0	158.6	159.8	151.0	160.3	164.1	165.7	166.0	164.6	1978	6.2	5.9	5.1	5.7	6.0	6.3	5.8	7.9	7.7	7.0	6.8	5.6	4.6
1979	156.9	160.7	157.2	157.9	156.2	158.4	158.4	152.2	151.9	156.2	160.6	156.8	156.1	1979	6.5	5.9	5.0	5.7	4.9	5.9	6.3	8.7	10.3	6.6	6.7	5.7	6.0
1980	146.6	148.7	149.5	151.2	142.2	137.8	138.7	130.3	147.5	152.9	154.6	155.4	150.9	1980	6.0	6.4	5.5	5.5	7.8	6.9	5.9	6.7	7.2	5.8	5.4	4.8	4.8
1981		144.6	147.5	151.6										1981		5.5	4.5	5.3									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	161.66	150.23	149.81	156.56	155.74	160.13	166.14	158.04	157.82	165.29	167.42	167.42	181.75	1977	3.1	2.6	2.4	2.6	2.9	3.0	3.1	3.2	4.8	4.0	3.5	2.7	2.2
1978	175.03	160.37	157.68	169.86	173.95	173.18	173.95	172.73	175.10	181.97	182.83	185.26	191.27	1978	3.5	2.8	2.6	3.2	3.4	3.5	3.4	4.2	5.2	4.9	3.9	3.0	2.0
1979	182.68	177.12	176.70	183.16	173.38	184.09	183.74	186.14	178.89	183.36	187.01	181.36	193.83	1979	3.3	3.1	2.7	3.4	3.1	3.4	3.3	3.4	4.9	4.2	3.8	2.8	1.9
1980	194.02	179.08	180.42	186.62	178.56	176.60	182.90	176.78	200.09	208.30	214.48	212.60	225.50	1980	2.5	2.6	2.6	2.7	2.7	2.4	2.2	2.3	3.8	2.8	2.3	2.0	1.3
1981		212.62	209.25	221.95										1981		2.1	1.5	1.9									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.21	4.15	4.06	4.12	4.12	4.17	4.26	4.17	4.11	4.26	4.26	4.26	4.51	1977	1.6	1.9	2.0	1.1	1.1	.9	1.7	4.4	.9	1.1	.8	1.1	1.9
1978	4.57	4.43	4.32	4.47	4.53	4.51	4.53	4.51	4.56	4.69	4.70	4.69	4.83	1978	1.3	1.9	1.4	1.4	1.2	1.5	1.2	2.0	.8	.6	1.4	1.2	1.6
1979	4.82	4.80	4.75	4.82	4.75	4.87	4.81	4.86	4.72	4.80	4.87	4.76	4.97	1979	2.0	1.5	1.3	1.0	.9	1.6	1.7	4.0	4.0	1.4	1.9	2.0	3.4
1980	5.16	4.84	4.85	4.95	4.80	4.76	4.93	4.83	5.35	5.54	5.60	5.58	5.68	1980	2.5	2.8	1.8	1.8	3.8	3.4	2.6	2.8	2.2	2.0	2.3	2.0	2.9
1981		5.61	5.61	5.78										1981		2.5	2.2	2.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2391—CURTAINS AND DRAPERIES													
1977	38.4	36.2	36.9	38.0	37.8	38.4	39.0	37.9	38.4	38.8	39.3	39.3	40.3	ALL EMPLOYEES—IN THOUSANDS													
1978	38.3	36.2	36.5	38.0	38.4	38.4	38.4	38.3	38.4	38.8	38.9	39.5	39.6	1977	29.4	27.4	27.7	28.0	28.3	28.4	29.4	28.3	29.8	30.5	31.3	32.0	32.2
1979	37.9	36.9	37.2	38.0	36.5	37.8	38.2	38.3	37.9	38.2	38.4	38.1	39.0	1978	30.4	31.3	30.8	30.7	29.9	30.5	31.1	27.7	31.0	30.8	30.7	30.3	30.0
1980	37.6	37.0	37.2	37.7	37.2	37.1	37.1	36.6	37.4	37.6	38.3	38.1	39.7	1979	28.9	29.2	28.4	28.2	28.0	28.1	29.2	27.1	29.1	29.5	29.9	30.0	29.9
1981		37.9	37.3	38.4										1980	27.6	29.0	28.6	28.5	28.1	27.7	27.1	25.2	27.0	27.1	27.6	27.8	27.5
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	2.1	1.7	1.2	1.7	1.7	1.9	2.4	2.0	2.1	2.7	2.7	2.6	2.6	1977	23.5	21.7	22.1	22.3	22.5	22.6	23.5	22.4	23.7	24.5	25.1	25.7	25.9
1978	2.2	1.9	1.6	1.9	2.1	2.0	2.1	2.0	2.1	2.8	2.7	2.8	2.2	1978	24.2	25.1	24.6	24.6	23.8	24.3	24.7	21.9	24.7	24.6	24.4	24.2	23.8
1979	1.7	1.7	1.5	1.8	1.1	2.0	2.0	1.9	1.6	1.7	1.7	1.6	1.5	1979	23.1	23.4	22.7	22.6	22.2	22.3	23.2	21.6	23.3	23.6	24.0	24.1	24.0
1980	1.5	1.0	1.2	1.4	1.3	1.1	1.3	.9	1.5	1.9	2.0	2.0	2.4	1980	21.7	22.9	22.6	22.5	22.1	21.8	21.2	19.7	21.2	21.2	21.8	21.9	21.6
1981		1.4	1.3	1.7										1981		21.3	21.0	21.3									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	6.0	5.7	4.9	5.1	5.1	6.1	6.1	7.5	9.2	6.8	7.0	5.0	3.4	1977	25.5	23.6	24.1	24.2	24.4	24.5	25.5	24.4	25.8	26.5	27.2	27.9	28.1
1978	6.4	6.4	5.3	5.9	5.9	6.9	6.1	7.6	8.9	7.8	6.9	5.7	3.1	1978	26.6	27.4	27.0	26.8	26.0	26.5	27.2	23.9	27.2	27.0	26.9	26.5	26.3
1979	6.0	5.5	5.0	5.9	5.2	6.2	6.2	7.1	7.9	7.5	7.1	5.4	3.3	1979	25.1	25.5	24.8	24.5	24.4	24.5	25.4	23.3	25.3	25.5	25.9	26.0	25.9
1980	5.6	6.4	5.6	5.5	5.3	5.1	5.3	6.1	8.3	7.1	5.4	4.0	3.0	1980	23.3	24.9	24.5	24.4	23.8	23.4	22.8	21.0	22.6	22.7	23.1	23.3	22.9
1981		5.0	4.4	5.1										1981		22.4	22.2	22.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.6	3.8	3.3	3.9	4.1	4.8	5.1	4.7	7.0	5.9	5.7	4.2	2.7	1977	118.45	107.30	107.95	113.09	113.98	113.31	120.84	116.16	122.85	124.69	125.30	126.44	124.41
1978	5.0	4.4	3.9	4.2	4.5	5.4	5.1	5.9	7.0	6.9	5.7	4.8	2.4	1978	126.96	114.92	118.61	121.41	125.94	126.25	130.03	124.83	131.57	131.95	129.48	134.82	135.55
1979	4.5	4.2	3.9	4.6	4.2	4.9	4.7	4.8	6.0	5.4	5.7	3.8	2.3	1979	139.88	128.13	131.77	138.00	132.49	138.01	145.13	136.16	140.62	143.64	145.92	147.07	147.43
1980	3.4	3.6	3.8	3.9	3.5	3.1	3.5	4.0	3.8	4.2	3.3	2.3	1.7	1980	145.80	139.30	144.80	146.15	142.56	142.44	146.97	142.10	145.71	148.83	148.27	147.96	151.48
1981		2.5	2.3	3.1										1981		151.16	154.37	156.52									

See footnotes at end of tables.

SIC 2396

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2396—AUTOMOTIVE AND APPAREL TRIMMINGS (Con.)														SIC 26—PAPER AND ALLIED PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	3.5	4.4	1.2	2.9	3.3	3.2	5.1	3.9	2.6	4.4	3.3	2.9	4.3	1977	2.8	2.5	2.4	2.7	2.7	3.6	3.8	2.7	3.4	2.9	2.6	1.9	1.9
1978	3.7	3.4	1.5	3.2	4.0	3.5	3.3	3.6	3.2	5.3	5.1	4.6	3.7	1978	2.9	2.7	2.3	2.7	2.8	3.8	3.9	2.8	3.4	3.3	2.9	2.1	1.8
1979	2.2	3.3	2.4	3.6	1.5	3.6	2.5	2.8	1.5	1.5	1.8	.6	.6	1979	2.8	2.6	2.1	2.6	2.8	3.8	3.9	2.8	3.3	2.8	2.9	2.0	1.7
1980	1.9	.3	.4	1.4	1.1	.8	.9	1.2	2.8	3.2	2.7	2.4	3.3	1980	2.5	2.7	2.1	2.5	2.2	2.7	3.1	2.9	2.8	2.2	2.0	1.7	
1981		1.0	.8	2.2										1981		2.6	2.2	2.2									
SIC 26—PAPER AND ALLIED PRODUCTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.0	1.5	1.3	1.8	1.9	2.8	3.1	2.0	2.6	2.4	2.0	1.4	1.1
1977	691.6	678.1	677.9	680.3	686.2	692.1	702.6	694.9	701.7	698.4	695.8	694.4	696.5	1978	2.2	1.6	1.6	1.9	2.1	3.0	3.2	2.2	2.9	2.9	2.4	1.6	1.2
1978	698.7	690.8	690.4	694.3	697.7	703.1	714.1	707.2	700.9	698.5	690.9	697.9	698.6	1979	2.1	1.8	1.5	1.8	2.1	3.0	3.2	2.2	2.6	2.4	2.2	1.4	1.0
1979	706.8	694.1	697.2	701.8	703.8	705.6	716.8	712.0	715.8	710.4	709.9	708.0	706.1	1980	1.5	1.5	1.4	1.6	1.4	1.7	1.8	1.4	1.7	1.8	1.4	1.2	.9
1980	694.0	703.8	701.8	702.2	698.9	692.4	695.6	682.5	689.0	688.6	690.6	691.4	691.5	1981		1.3	1.3	1.3									
1981		687.7	687.7	688.6										RECALLS PER 100 EMPLOYEES													
WOMEN EMPLOYEES—IN THOUSANDS														1977	.6	.9	1.0	.7	.7	.5	.5	.5	.6	.3	.4	.4	.6
1977	151.1	144.2	145.3	146.3	148.1	150.4	154.4	151.5	154.3	154.4	155.1	155.1	154.5	1978	.5	.8	.6	.7	.6	.5	.5	.3	.4	.2	.3	.3	.4
1978	157.9	152.7	153.2	154.3	156.6	159.3	161.7	158.6	160.0	159.7	159.1	160.2	159.2	1979	.5	.6	.5	.7	.6	.6	.5	.5	.4	.3	.5	.4	.5
1979	161.6	158.0	157.4	159.3	160.6	160.8	165.3	162.6	164.5	163.3	164.2	162.8	160.8	1980	.8	1.0	.6	.7	.7	.8	1.0	1.4	1.0	.8	.7	.6	.7
1980	159.2	160.2	159.7	160.8	160.9	159.6	159.8	155.9	158.1	158.0	159.3	159.4	158.7	1981		1.0	.7	.7									
1981		157.6	158.0	159.3										SEPARATIONS PER 100 EMPLOYEES													
PRODUCTION WORKERS—IN THOUSANDS														1977	2.7	2.9	2.3	2.4	2.2	2.2	2.2	2.6	4.1	3.9	2.8	2.3	2.4
1977	518.2	506.9	506.6	507.9	512.8	518.5	528.4	520.3	526.9	525.0	521.9	520.7	522.1	1978	2.8	2.7	2.4	2.4	2.4	2.4	2.5	2.8	4.4	4.0	2.8	2.4	2.5
1978	524.7	516.5	516.9	519.6	522.9	529.1	539.8	532.2	525.9	524.7	518.8	524.1	526.2	1979	2.9	2.7	2.4	2.6	2.7	2.5	2.7	2.7	4.6	3.6	2.8	2.7	2.6
1979	535.6	522.2	525.7	529.5	532.0	534.1	544.6	541.2	544.3	540.5	539.7	537.6	536.1	1980	2.9	2.7	2.5	2.8	2.9	3.0	3.4	3.2	4.0	3.4	2.5	2.4	2.5
1980	523.5	532.7	531.8	532.0	528.7	522.7	524.5	511.1	518.1	518.2	519.9	520.8	521.4	1981		2.7	2.4	2.4									
1981		518.1	517.4	518.5										QUITS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.2	1.0	.8	1.1	1.1	1.1	1.1	1.2	2.3	2.2	1.2	.9	.8
1977	255.68	241.08	242.38	245.38	250.26	250.11	256.06	257.23	258.51	263.95	264.02	265.31	272.06	1978	1.4	1.0	.9	1.2	1.2	1.3	1.4	1.4	2.7	2.5	1.4	1.1	.9
1978	279.71	264.59	264.81	272.39	270.92	272.64	281.23	284.43	282.71	287.91	287.00	292.71	295.80	1979	1.4	1.2	1.0	1.2	1.4	1.4	1.4	1.3	2.8	2.0	1.3	.9	.7
1979	303.74	289.11	289.33	293.51	288.29	295.95	302.60	305.15	308.42	312.99	313.11	318.75	325.82	1980	1.0	1.0	.9	1.0	.9	.9	.8	.9	1.9	1.5	.9	.7	.5
1980	331.63	319.07	318.42	319.70	321.56	318.24	324.43	329.54	333.98	340.94	341.40	350.10	361.40	1981		.8	.7	.8									
1981		353.13	349.42	351.92										LAYOFFS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	.8	1.2	1.0	.6	.5	.4	.3	.8	.8	.9	.8	.9	.9
1977	5.96	5.74	5.73	5.76	5.82	5.83	5.90	6.01	6.04	6.11	6.14	6.17	6.24	1978	.6	1.0	.7	.6	.4	.5	.3	.6	.6	.6	.6	.6	1.0
1978	6.52	6.27	6.32	6.32	6.33	6.37	6.51	6.63	6.59	6.68	6.69	6.76	6.80	1979	.7	.8	.7	.7	.5	.4	.5	.6	.8	.7	.7	1.0	1.3
1979	7.13	6.81	6.84	6.89	6.93	6.98	7.07	7.18	7.24	7.33	7.35	7.43	7.49	1980	1.2	.9	.9	1.0	1.3	1.4	1.8	1.5	1.3	1.2	.9	1.2	1.4
1980	7.84	7.49	7.51	7.54	7.62	7.65	7.78	7.96	7.99	8.06	8.09	8.18	8.27	1981		1.2	1.0	1.0									
1981		8.27	8.28	8.30										SIC 261,2,6—PAPER AND PULP MILLS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	42.9	42.0	42.3	42.6	43.0	42.9	43.4	42.8	42.8	43.2	43.0	43.0	43.6	1977	205.4	204.1	203.1	203.9	205.4	206.6	209.4	209.2	209.6	206.6	203.0	201.0	202.9
1978	42.9	42.2	41.9	43.1	42.8	42.8	43.2	42.9	42.9	43.1	42.9	43.3	43.5	1978	200.1	200.4	199.7	199.7	200.6	202.5	207.2	207.3	199.2	198.0	189.6	198.1	199.3
1979	42.6	42.6	42.3	42.6	41.6	42.4	42.8	42.5	42.6	42.7	42.6	42.9	43.5	1979	205.9	198.4	200.9	205.0	205.0	206.1	209.4	210.4	210.5	207.2	205.7	206.2	205.9
1980	42.3	42.6	42.4	42.4	42.2	41.6	41.7	41.4	41.8	42.3	42.2	42.8	43.7	1980	203.6	204.9	203.7	203.2	202.3	201.4	204.1	203.5	203.7	202.1	204.3	204.7	205.4
1981		42.7	42.2	42.4										1981		202.7	201.5	202.4									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	4.8	4.6	4.4	4.6	4.7	4.7	4.9	4.9	4.9	5.1	5.0	4.9	5.2	1977	24.5	23.5	23.4	23.6	23.9	24.2	25.2	25.4	25.4	25.0	24.7	24.5	24.7
1978	5.1	4.9	5.0	5.0	4.9	4.8	5.0	5.2	5.2	5.6	5.3	5.3	5.2	1978	25.1	24.4	24.3	24.2	24.4	25.2	26.3	26.9	25.8	25.2	24.2	25.3	25.5
1979	4.8	4.9	4.6	4.7	4.0	4.5	4.8	4.9	5.0	5.2	5.0	5.0	5.0	1979	27.1	25.5	25.5	26.1	26.3	26.7	27.9	28.1	28.3	27.3	27.7	27.7	27.5
1980	4.3	4.4	4.1	4.1	4.1	3.7	3.7	4.2	4.3	4.6	4.5	4.7	4.9	1980	27.7	27.3	27.4	27.2	27.2	27.6	27.9	28.3	28.3	27.5	27.7	28.0	28.1
1981		4.7	4.4	4.3										1981		27.5	27.3	27.3									

See footnotes at end of tables.

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 261,2,6—PAPER AND PULP MILLS (Con.)														SIC 261,2,6—PAPER AND PULP MILLS (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	157.3	156.1	155.1	155.6	156.9	158.2	160.9	160.9	161.4	158.9	155.2	153.1	154.9	1977	1.6	1.7	1.4	1.5	1.1	1.1	1.0	1.3	2.7	2.7	1.4	1.3	1.4
1978	151.1	152.6	152.0	152.0	151.9	154.4	158.4	158.2	149.4	148.4	140.5	146.8	148.2	1978	1.6	1.8	1.3	1.3	1.2	1.2	1.2	1.4	3.1	3.0	1.3	1.2	1.4
1979	154.7	147.0	150.0	153.8	154.1	155.2	158.0	158.6	158.6	156.0	154.9	155.1	155.0	1979	1.5	1.7	1.2	1.3	1.2	1.1	1.0	1.2	3.1	2.4	1.3	1.2	1.7
1980	152.5	154.1	153.1	152.4	151.6	150.6	152.6	151.3	151.6	150.6	153.2	153.7	154.7	1980	1.8	1.8	1.4	1.7	1.5	1.4	2.2	1.9	2.9	2.6	1.5	1.6	1.5
1981		152.5	151.3	152.0										1981		2.1	1.7	1.3									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	302.40	286.78	286.14	287.67	297.77	294.34	300.15	306.22	303.01	313.40	313.54	315.06	321.37	1977	.7	.6	.4	.6	.5	.5	.5	.5	1.8	1.8	.5	.3	.5
1978	334.80	314.26	317.19	322.38	321.39	322.90	331.82	345.19	340.36	348.53	347.85	352.30	355.09	1978	.8	.5	.4	.5	.5	.6	.5	.7	1.9	2.0	.6	.4	.4
1979	372.53	353.21	354.49	355.16	360.59	361.70	369.37	376.52	378.45	382.22	388.39	393.24	394.56	1979	.7	.6	.4	.4	.5	.6	.4	.5	2.0	1.4	.5	.3	.3
1980	407.18	389.78	390.23	392.90	403.15	389.40	396.90	409.69	410.52	423.25	418.44	429.50	435.33	1980	.5	.5	.3	.4	.3	.3	.3	.4	1.5	1.3	.4	.3	.2
1981		426.76	428.09	429.43										1981		.5	.3	.3									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.75	6.43	6.43	6.45	6.53	6.57	6.67	6.82	6.84	6.98	7.03	7.08	7.11	1977	.4	.7	.6	.5	.3	.2	.1	.3	.2	.4	.4	.6	.4
1978	7.44	7.11	7.16	7.18	7.19	7.24	7.44	7.57	7.53	7.66	7.73	7.76	7.77	1978	.4	.7	.4	.3	.2	.2	.1	.3	.6	.4	.4	.4	.5
1979	8.26	7.78	7.86	7.91	7.96	8.02	8.19	8.33	8.41	8.57	8.65	8.70	8.71	1979	.4	.6	.4	.4	.3	.2	.2	.3	.4	.4	.3	.5	.9
1980	9.15	8.72	8.73	8.77	8.88	8.85	9.00	9.29	9.33	9.49	9.51	9.63	9.61	1980	.8	.7	.5	.8	.8	.7	1.4	1.0	.8	.7	.9	.9	.7
1981		9.59	9.62	9.65										1981		.9	.8	.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 262—PAPER MILLS, EXCEPT BUILDING PAPER													
1977	44.8	44.6	44.5	44.6	45.6	44.8	45.0	44.9	44.3	44.9	44.6	44.5	45.2	ALL EMPLOYEES—IN THOUSANDS													
1978	45.0	44.2	44.3	44.9	44.7	44.6	44.6	45.6	45.2	45.5	45.0	45.4	45.7	1977	175.7	175.5	174.6	175.0	176.1	176.8	179.0	178.5	178.9	176.1	174.0	172.0	172.0
1979	45.1	45.4	45.1	44.9	45.3	45.1	45.1	45.2	45.0	44.6	44.9	45.2	45.3	1978	170.3	170.0	169.3	168.9	170.2	172.0	176.3	176.4	170.1	169.3	161.0	169.5	170.7
1980	44.5	44.7	44.7	44.8	45.4	44.0	44.1	44.1	44.0	44.6	44.0	44.6	45.3	1979	176.8	170.4	173.2	176.4	176.4	176.9	179.8	180.7	180.8	177.8	176.3	176.6	176.3
1981		44.5	44.5	44.5										1980	175.4	175.6	174.6	174.3	174.6	174.2	176.2	175.7	176.0	174.0	176.4	176.5	177.0
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		174.9	173.9	175.0									
1977	6.4	6.3	6.0	6.1	6.6	6.2	6.2	6.5	6.2	6.6	6.5	6.5	6.6	WOMEN EMPLOYEES—IN THOUSANDS													
1978	6.6	6.5	6.3	6.4	6.4	6.2	6.1	7.0	6.8	7.3	6.8	6.9	7.0	1977	22.0	21.3	21.2	21.5	21.6	21.9	22.7	22.8	22.8	22.4	22.2	22.0	22.0
1979	6.8	7.0	6.6	6.4	6.5	6.4	6.6	7.0	6.8	7.0	6.9	7.1	6.8	1978	22.4	21.7	21.6	21.5	21.8	22.5	23.5	24.0	23.0	22.4	21.4	22.5	22.7
1980	6.5	6.8	6.6	6.5	6.8	6.0	5.9	6.9	6.3	7.0	6.5	6.7	6.6	1979	24.2	22.7	22.8	23.5	23.7	24.0	25.0	25.2	25.4	24.4	24.4	24.4	24.3
1981		6.5	6.4	6.3										1980	24.7	24.2	24.2	24.1	24.2	24.6	24.9	25.3	24.5	24.8	25.0	25.1	
ACCESSIONS PER 100 EMPLOYEES														1981		24.6	24.5	24.5									
1977	1.8	1.2	1.4	1.6	1.8	2.9	2.9	1.6	1.8	1.6	1.4	1.1	1.8	PRODUCTION WORKERS—IN THOUSANDS													
1978	1.6	1.3	1.2	1.5	1.3	2.8	3.0	1.5	1.9	1.5	1.2	1.1	1.1	1977	133.6	133.2	132.4	132.6	133.5	134.3	136.4	136.2	136.8	134.5	132.3	130.2	130.5
1979	1.7	1.4	1.2	1.5	1.5	3.0	3.0	1.6	1.8	1.4	1.4	1.2	1.2	1978	127.6	128.6	128.0	127.6	127.9	130.3	133.8	133.5	126.6	126.1	118.0	124.5	125.7
1980	1.6	1.4	1.1	1.3	1.5	2.1	2.7	2.5	1.6	1.6	1.1	1.4	1.2	1979	131.5	125.1	128.4	131.1	131.4	131.7	134.2	134.7	134.7	132.4	131.2	131.3	131.2
1981		1.4	1.4	1.4										1980	130.0	130.6	129.7	129.4	129.6	129.0	130.5	129.4	129.7	128.1	130.7	131.0	131.9
NEW HIRES PER 100 EMPLOYEES														1981		130.3	129.4	130.2									
1977	1.2	.7	.7	1.0	1.1	2.3	2.3	1.3	1.4	1.2	1.1	.7	.6	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	1.2	.7	.6	.8	1.0	2.2	2.3	1.2	1.5	1.3	1.0	.8	.6	1977	300.83	284.74	284.55	284.99	297.43	292.30	299.22	304.65	302.13	312.75	312.20	315.58	323.05
1979	1.2	.8	.9	.9	1.0	2.4	2.4	1.2	1.4	1.2	1.1	.8	.6	1978	336.58	315.06	319.16	323.18	322.65	324.18	334.06	345.79	340.50	349.61	350.49	354.18	358.20
1980	.9	.6	.5	.8	.8	1.6	1.6	.9	.9	1.0	.6	.7	.5	1979	374.92	357.88	357.63	357.08	363.65	363.20	370.46	379.02	380.91	383.85	388.72	394.90	396.68
1981		.6	.5	.8										1980	408.14	390.57	392.79	392.37	404.80	388.50	396.94	410.32	409.73	423.41	420.91	431.55	438.76
RECALLS PER 100 EMPLOYEES														1981		429.30	431.10	432.45									
1977	.4	.4	.6	.5	.5	.3	.3	.2	.2	.1	.2	.2	1.0	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.3	.4	.5	.5	.3	.3	.3	.1	.2	.1	.1	.2	.4	1977	6.70	6.37	6.38	6.39	6.48	6.51	6.62	6.77	6.82	6.95	7.00	7.06	7.10
1979	.3	.5	.3	.4	.3	.5	.5	.3	.3	.1	.2	.3	.4	1978	7.43	7.08	7.14	7.15	7.17	7.22	7.44	7.55	7.50	7.65	7.72	7.75	7.77
1980	.6	.6	.5	.5	.6	.3	.8	1.4	.6	.5	.3	.5	.5	1979	8.24	7.78	7.86	7.90	7.94	8.00	8.16	8.33	8.39	8.53	8.60	8.66	8.68
1981		.6	.6	.4										1980	9.09	8.66	8.69	8.70	8.80	8.75	8.90	9.20	9.27	9.43	9.48	9.59	9.58
														1981		9.54	9.58	9.61									

See footnotes at end of tables.

SIC 262

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 262—PAPER MILLS, EXCEPT BUILDING PAPER (Con.)														SIC 263—PAPERBOARD MILLS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	44.9	44.7	44.6	44.6	45.9	44.9	45.2	45.0	44.3	45.0	44.6	44.7	45.5	1977	66.9	66.6	66.6	65.5	66.2	66.6	66.7	66.9	68.1	67.1	67.4	67.5	68.1
1978	45.3	44.5	44.7	45.2	45.0	44.9	44.9	45.8	45.4	45.7	45.4	45.7	46.1	1978	67.3	68.0	68.4	68.7	68.2	68.1	68.3	68.3	66.4	66.2	66.0	65.4	65.2
1979	45.5	46.0	45.5	45.2	45.8	45.4	45.4	45.5	45.4	45.0	45.2	45.6	45.7	1979	65.5	64.3	65.3	64.9	64.7	65.2	66.5	66.2	66.6	65.7	65.5	64.8	66.0
1980	44.9	45.1	45.2	45.1	46.0	44.4	44.6	44.6	44.2	44.9	44.4	45.0	45.8	1980	65.4	66.3	66.0	66.2	65.5	65.4	65.9	64.7	65.6	64.7	64.6	64.5	65.0
1981		45.0	45.0	45.0										1981		64.8	64.6	64.6									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	6.4	6.3	6.1	6.1	6.7	6.2	6.3	6.6	6.3	6.5	6.4	6.5	6.6	1977	5.3	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.4	5.3	5.4	5.4	5.5
1978	6.8	6.6	6.4	6.5	6.6	6.4	6.3	7.1	6.9	7.5	7.0	7.1	7.2	1978	5.8	5.4	5.6	5.7	5.6	5.6	6.0	6.1	6.0	5.8	5.8	5.7	5.8
1979	6.8	7.3	6.7	6.5	6.5	6.5	6.7	7.0	6.9	7.1	7.0	7.2	6.8	1979	5.9	5.8	5.8	5.7	5.7	5.8	6.0	6.0	6.0	5.9	5.9	5.9	6.0
1980	6.7	6.8	6.7	6.5	7.0	6.1	6.0	7.0	6.4	7.1	6.7	6.8	6.9	1980	6.0	6.0	6.0	6.0	6.0	5.9	6.1	6.1	6.0	6.0	6.0	5.9	5.9
1981		6.7	6.6	6.6										1981		5.9	5.9	6.0									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	1.7	1.1	1.3	1.6	1.8	2.8	2.9	1.6	1.8	1.5	1.4	1.0	1.2	1977	52.4	52.5	52.4	51.0	51.5	52.0	52.0	52.1	53.3	52.6	53.0	52.9	53.3
1978	1.6	1.2	1.2	1.5	1.3	2.7	2.9	1.5	1.9	1.4	1.1	1.0	1.2	1978	52.8	53.3	53.6	53.8	53.7	53.6	53.8	53.5	51.9	52.0	51.9	51.4	51.5
1979	1.6	1.4	1.2	1.4	1.4	3.0	2.9	1.4	1.6	1.3	1.3	1.1	1.2	1979	51.9	50.9	51.8	51.7	51.5	52.2	53.0	52.5	52.9	52.1	51.7	50.8	51.4
1980	1.6	1.4	1.0	1.3	1.4	2.2	2.6	2.5	1.5	1.4	1.0	1.3	1.2	1980	51.2	51.9	51.7	51.7	51.3	51.3	51.8	50.6	51.4	50.9	50.6	50.5	50.6
1981		1.3	1.4	1.4										1981		50.6	50.4	50.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.1	.6	.6	.9	1.0	2.2	2.3	1.2	1.3	1.1	1.0	.6	.5	1977	312.30	293.71	291.94	299.04	306.23	303.74	308.72	317.96	319.69	321.11	320.50	327.52	336.26
1978	1.1	.7	.6	.8	.9	2.1	2.3	1.2	1.5	1.2	.9	.7	.6	1978	340.55	328.70	323.51	323.25	326.19	328.55	344.25	348.10	346.66	350.95	356.80	364.14	352.72
1979	1.2	.8	.8	.8	1.0	2.4	2.4	1.1	1.3	1.1	1.0	.7	.6	1979	367.88	356.17	349.96	356.33	363.32	355.78	353.71	367.60	366.34	383.24	383.66	392.05	392.49
1980	.8	.6	.5	.7	.8	1.6	1.6	.9	.9	.9	.6	.6	.5	1980	408.32	385.87	386.31	388.49	395.45	386.01	402.81	417.19	414.42	418.13	423.70	435.73	448.02
1981		.6	.5	.8										1981		436.10	429.13	433.29									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.3	.4	.5	.5	.6	.3	.3	.2	.2	.1	.2	.2	.5	1977	6.94	6.63	6.62	6.69	6.79	6.72	6.80	7.05	7.12	7.12	7.17	7.23	7.31
1978	.3	.3	.5	.5	.3	.3	.3	.1	.2	.1	.1	.2	.4	1978	7.67	7.37	7.42	7.33	7.33	7.35	7.65	7.77	7.79	7.94	8.00	8.11	8.09
1979	.3	.5	.3	.4	.3	.5	.3	.2	.2	.1	.2	.3	.4	1979	8.38	8.04	7.99	8.08	8.22	8.16	8.15	8.47	8.48	8.71	8.68	8.81	8.82
1980	.6	.6	.4	.5	.5	.3	.7	1.4	.5	.4	.3	.5	.5	1980	9.28	8.83	8.84	8.89	9.07	9.04	9.26	9.46	9.44	9.46	9.50	9.64	9.89
1981		.4	.6	.4										1981		9.80	9.82	9.87									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.5	1.7	1.3	1.5	1.1	1.1	.9	1.2	2.6	2.6	1.3	1.3	1.4	1977	45.0	44.3	44.1	44.7	45.1	45.2	45.4	45.1	44.9	45.1	44.7	45.3	46.0
1978	1.5	1.8	1.2	1.2	1.1	1.1	1.1	1.3	3.1	3.0	1.2	1.1	1.4	1978	44.4	44.6	43.6	44.1	44.5	44.7	45.0	44.8	44.5	44.2	44.6	44.9	43.6
1979	1.4	1.7	1.1	1.1	1.1	1.0	.9	1.1	2.9	2.3	1.2	1.2	1.7	1979	43.9	44.3	43.8	44.1	44.2	43.6	43.4	43.4	43.2	44.0	44.2	44.5	44.5
1980	1.7	1.8	1.3	1.4	1.1	1.2	2.2	1.8	2.8	2.5	1.4	1.4	1.3	1980	44.0	43.7	43.7	43.7	43.6	42.7	43.5	44.1	43.9	44.2	44.6	45.2	45.3
1981		2.0	1.5	1.2										1981		44.5	43.7	43.9									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.7	.5	.3	.5	.4	.5	.4	.5	1.7	1.8	.5	.3	.5	1977	7.0	6.9	6.9	7.0	7.2	6.9	6.8	7.2	7.1	7.1	6.9	6.9	7.6
1978	.7	.5	.4	.5	.5	.5	.5	.6	1.8	2.1	.5	.4	.4	1978	7.3	7.5	7.6	7.0	6.9	7.1	7.5	7.7	7.3	7.2	7.4	7.5	7.1
1979	.6	.6	.4	.4	.4	.5	.4	.5	2.0	1.4	.5	.3	.3	1979	7.1	7.0	6.7	6.8	6.9	7.2	7.1	7.2	6.9	7.2	7.3	7.5	7.3
1980	.5	.5	.3	.4	.3	.3	.3	.4	1.5	1.3	.4	.3	.2	1980	7.1	7.2	6.8	6.6	7.0	6.3	6.8	7.2	7.2	6.8	7.1	7.7	8.0
1981		.5	.3	.3										1981		7.3	6.8	7.1									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.4	.7	.5	.5	.3	.2	.1	.3	.2	.4	.4	.6	.4	1977	2.0	2.3	2.5	1.7	1.8	2.6	3.3	1.7	2.2	2.0	1.6	1.5	1.2
1978	.4	.7	.4	.3	.2	.2	.1	.3	.6	.4	.3	.3	.6	1978	2.0	2.1	1.8	1.8	1.7	2.9	3.4	1.6	2.1	2.0	2.0	1.4	1.2
1979	.4	.6	.3	.3	.3	.2	.1	.2	.3	.4	.3	.5	.9	1979	1.8	1.4	1.1	1.8	1.9	2.7	3.2	1.6	2.4	1.9	1.9	1.0	1.1
1980	.7	.7	.5	.6	.4	.5	1.4	.9	.7	.6	.6	.7	.6	1980	1.8	1.3	.9	2.1	2.0	3.0	2.9	2.2	2.5	1.9	1.2	.8	1.2
1981		.9	.6	.5										1981		.8	.8	1.0									

See footnotes at end of tables.

MANUFACTURING

SIC 264

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 263—PAPERBOARD MILLS (Con.)														SIC 264—MISC. CONVERTED PAPER PRODUCTS (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.4	0.9	0.8	1.3	1.4	2.0	2.8	1.2	1.5	1.5	1.2	0.8	1.0	1977	219.60	207.03	210.23	212.79	213.50	214.43	223.33	219.89	222.19	225.35	226.59	227.29	235.34
1978	1.5	1.0	1.2	1.3	1.2	2.3	3.0	1.1	1.8	1.7	1.5	1.0	.7	1978	239.20	228.98	225.60	237.42	232.47	233.70	241.03	237.28	239.67	244.55	242.54	249.00	254.75
1979	1.3	1.0	.9	1.3	1.5	2.1	2.5	1.1	1.6	1.6	1.1	.8	.6	1979	259.34	249.08	249.29	252.77	241.96	253.58	260.21	259.56	262.86	264.27	264.68	268.21	280.45
1980	1.0	.7	.7	.7	1.0	1.8	2.0	1.0	1.0	1.0	.8	.6	.8	1980	280.14	272.74	271.58	273.62	269.34	271.48	275.49	274.82	279.10	284.01	285.73	292.03	306.29
1981	.6	.6	.7											1981		300.03	298.33	301.26									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.4	.7	1.6	.3	.3	.3	.3	.4	.4	.3	.3	.4	.1	1977	5.33	5.15	5.14	5.19	5.22	5.23	5.33	5.35	5.38	5.43	5.46	5.49	5.59
1978	.3	.7	.3	.3	.3	.3	.2	.3	.1	.1	.1	.1	.3	1978	5.82	5.64	5.64	5.68	5.67	5.70	5.78	5.83	5.86	5.95	5.93	6.00	6.08
1979	.3	.2	.1	.2	.3	.3	.3	.4	.4	.2	.1	.1	.4	1979	6.31	6.09	6.11	6.15	6.11	6.20	6.27	6.30	6.38	6.43	6.44	6.51	6.63
1980	.7	.4	.1	1.1	.8	1.0	.6	1.1	1.4	.7	.3	.1	.3	1980	6.90	6.62	6.64	6.69	6.70	6.77	6.87	6.94	6.96	7.03	7.09	7.14	7.31
1981	.1	.1	.2											1981		7.30	7.33	7.33									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.1	2.3	2.7	1.6	1.5	1.4	1.3	1.9	3.3	3.5	1.8	1.5	2.0	1977	41.2	40.2	40.9	41.0	40.9	41.0	41.9	41.1	41.3	41.5	41.5	41.4	42.1
1978	1.9	1.9	2.1	1.6	1.7	1.5	1.5	2.2	3.2	2.5	1.8	1.3	1.6	1978	41.1	40.6	40.0	41.8	41.0	41.0	41.7	40.7	40.9	41.1	40.9	41.5	41.9
1979	1.9	1.6	1.3	1.8	1.7	1.6	1.6	2.0	3.5	3.0	1.5	1.7	1.1	1979	41.1	40.9	40.8	41.1	39.6	40.9	41.5	41.2	41.2	41.1	41.1	41.2	42.3
1980	2.4	1.6	2.4	2.6	2.1	1.8	4.1	2.7	4.3	3.3	1.4	1.2	1.0	1980	40.6	41.2	40.9	40.9	40.2	40.1	40.1	39.6	40.1	40.4	40.3	40.9	41.9
1981		1.5	.9	1.2										1981		41.1	40.7	41.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.9	.8	.6	.7	.7	.7	.7	.8	1.9	1.8	.7	.6	.5	1977	3.6	3.3	3.3	3.4	3.3	3.2	3.7	3.5	3.8	3.8	3.8	3.7	4.0
1978	.9	.7	.6	.7	.9	.8	.8	.7	1.9	1.5	1.0	.7	.6	1978	3.9	3.7	3.8	3.9	3.7	3.6	3.8	3.6	3.8	4.3	4.0	4.1	3.9
1979	.9	.7	.7	.8	.9	.9	.8	.7	2.1	1.5	.8	.5	.3	1979	3.4	3.6	3.5	3.5	2.4	3.2	3.5	3.5	3.7	3.7	3.5	3.4	3.8
1980	.7	.4	.6	.7	.5	.5	.6	.6	1.7	1.2	.5	.4	.4	1980	2.9	3.4	3.1	3.1	2.8	2.5	2.6	2.5	2.9	3.0	2.8	3.0	3.2
1981		.5	.4	.4										1981		3.0	2.9	2.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	1.0	1.7	.4	.2	.2	.1	.4	.7	1.0	.5	.5	1.0	1977	3.3	3.3	2.8	3.1	3.1	3.9	4.1	3.5	4.4	3.8	3.2	2.3	2.3
1978	.3	.7	.5	.4	.3	.2	.2	.3	.3	.3	.2	.2	.4	1978	3.5	3.4	2.8	3.6	3.8	4.0	4.7	3.5	3.8	4.1	3.6	2.6	2.1
1979	.4	.4	.1	.4	.2	.2	.3	.6	.4	.3	.2	.7	.4	1979	3.5	3.2	2.9	3.4	3.7	4.2	4.7	3.7	4.1	3.5	3.7	2.3	2.2
1980	1.2	.5	1.3	1.3	1.1	.8	2.9	1.7	1.6	1.5	.5	.4	.3	1980	3.1	3.8	3.0	3.3	2.7	3.0	3.6	3.0	3.3	3.1	3.0	2.5	2.3
1981		.5	.2	.4										1981		3.9	2.9	2.9									
SIC 264—MISC. CONVERTED PAPER PRODUCTS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.5	2.1	1.7	2.4	2.3	3.1	3.4	2.8	3.4	3.3	2.5	1.7	1.4
1977	210.2	202.1	204.0	205.6	207.7	209.7	213.3	209.9	213.2	214.0	214.3	214.4	213.9	1978	2.8	2.3	2.1	2.6	2.9	3.4	3.9	2.9	3.3	3.6	2.9	2.0	1.4
1978	217.8	212.6	213.2	216.0	217.8	220.3	222.1	219.3	220.6	219.0	218.6	217.4	216.8	1979	2.8	2.4	2.2	2.5	2.8	3.4	4.0	3.0	3.5	3.1	2.9	1.8	1.4
1979	221.4	216.2	216.8	218.0	220.2	220.9	224.6	222.7	225.7	223.7	224.0	223.3	221.2	1980	2.0	2.2	2.2	2.4	1.9	1.9	2.1	1.8	2.2	2.3	1.9	1.6	1.3
1980	219.7	221.0	222.1	223.9	222.9	220.0	220.9	215.7	218.4	218.6	218.5	218.0	216.7	1981		1.9	2.1	2.0									
1981		216.5	218.3	219.2																							
WOMEN EMPLOYEES—IN THOUSANDS														1977	.6	1.1	1.0	.6	.7	.6	.6	.5	.7	.3	.6	.5	.6
1977	71.6	67.7	68.8	69.3	70.1	71.0	73.0	71.5	73.2	73.5	73.9	74.1	73.3	1978	.6	1.0	.6	.8	.8	.4	.6	.4	.4	.3	.6	.4	.6
1978	76.1	73.1	73.6	74.6	76.0	77.7	78.0	76.0	77.4	77.4	76.9	76.7	75.6	1979	.6	.8	.6	.8	.8	.6	.5	.6	.5	.3	.6	.3	.6
1979	77.5	75.5	75.2	76.4	77.2	77.3	79.1	77.8	79.4	78.9	78.9	78.0	76.6	1980	.9	1.5	.6	.7	.6	1.0	1.1	1.0	1.0	.7	.9	.8	.9
1980	76.5	76.6	76.5	78.0	78.0	76.9	76.9	75.1	75.8	75.8	76.6	76.1	75.2	1981		1.6	.8	.8									
1981		75.6	76.3	77.4																							
PRODUCTION WORKERS—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	147.5	140.5	142.3	143.6	145.5	147.1	150.2	146.5	149.9	151.1	151.2	151.7	150.9	1977	3.2	3.1	2.2	2.8	2.7	2.7	2.6	3.1	4.8	4.8	3.7	3.0	2.7
1978	155.9	149.3	150.1	152.2	154.4	157.2	159.8	156.9	158.6	158.1	158.4	157.6	158.0	1978	3.4	2.8	2.7	3.0	2.8	2.9	3.4	2.9	5.2	4.7	3.7	2.9	3.3
1979	163.7	157.9	158.4	158.8	161.1	162.0	166.4	165.7	168.3	167.0	166.9	166.4	165.0	1979	3.6	3.1	2.9	3.1	3.3	3.1	3.4	3.3	5.6	4.6	3.4	3.5	3.3
1980	162.7	163.8	165.2	167.1	166.1	163.4	163.7	158.7	161.7	161.6	161.1	160.7	159.7	1980	3.6	3.2	2.7	3.5	3.2	4.3	3.5	3.8	4.6	4.0	3.5	3.3	3.6
1981		159.5	160.3	161.5										1981		3.1	3.0	3.4									

See footnotes at end of tables.

SIC 264
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 264—MISC. CONVERTED PAPER PRODUCTS (Con.)														SIC 2642—ENVELOPES													
QUITS PER 100 EMPLOYEES														ALL EMPLOYEES—IN THOUSANDS													
1977	1.5	1.2	0.9	1.4	1.4	1.4	1.4	1.6	2.4	2.3	1.6	1.3	1.0	1977	23.6	23.0	23.2	23.4	23.4	23.6	23.6	23.1	23.6	23.9	23.8	24.0	24.1
1978	1.8	1.3	1.2	1.5	1.6	1.6	1.9	1.7	3.1	2.8	1.9	1.5	1.1	1978	24.1	24.2	24.0	24.2	24.2	24.2	24.4	23.4	24.1	23.8	24.2	24.3	24.4
1979	1.9	1.6	1.4	1.7	1.9	1.9	1.9	1.9	3.5	2.6	1.7	1.3	.9	1979	24.6	24.4	24.5	24.5	24.5	24.3	24.9	23.9	24.6	24.8	24.8	25.1	25.2
1980	1.3	1.4	1.3	1.4	1.3	1.2	1.1	1.2	2.0	1.7	1.3	1.0	.8	1980	25.1	24.8	25.5	25.6	25.5	25.3	25.3	24.2	24.9	25.1	25.0	25.1	25.2
1981		1.2	1.1	1.2										1981		25.5	25.6	25.8									25.2
LAYOFFS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	.9	1.1	.7	.7	.6	.4	.3	.8	1.2	1.4	1.2	1.1	1.0	1977	18.6	18.1	18.2	18.4	18.4	18.6	18.6	18.3	18.7	18.9	18.8	19.2	19.2
1978	.7	.7	.7	.6	.4	.5	.3	.4	.9	.9	.8	.8	1.4	1978	19.0	19.1	19.0	19.1	19.1	19.1	19.2	18.3	18.9	18.7	19.1	19.0	19.2
1979	.8	.7	.8	.6	.4	.4	.5	.5	1.0	1.0	.7	1.3	1.7	1979	19.5	19.1	19.2	19.2	19.3	19.0	19.7	18.9	19.6	19.7	19.8	20.0	20.1
1980	1.4	.9	.6	1.1	1.1	2.1	1.5	1.7	1.5	1.4	1.4	1.5	2.2	1980	19.8	19.6	20.0	20.1	20.1	20.0	20.0	18.9	19.6	19.5	19.7	19.8	19.7
1981		1.2	1.1	1.3										1981		20.0	20.0	20.2									19.7
SIC 2641—PAPER COATING AND GLAZING														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
ALL EMPLOYEES—IN THOUSANDS														1977	203.41	196.09	200.57	200.24	198.80	201.38	206.04	200.88	202.19	203.31	206.76	208.79	212.16
1977	54.3	53.2	53.5	53.5	53.7	54.2	54.8	54.8	55.0	54.5	54.7	54.7	54.7	1978	217.48	208.03	207.50	210.40	212.93	213.46	215.06	217.46	217.06	218.90	221.05	231.69	236.88
1978	55.7	54.7	54.7	55.0	55.2	56.1	56.5	56.2	56.3	56.4	55.9	55.5	56.1	1979	235.35	228.83	230.45	230.28	224.62	231.64	237.69	234.77	233.20	236.21	238.60	243.81	252.34
1979	57.7	55.8	56.1	56.1	57.0	57.4	58.7	58.6	59.5	58.6	58.4	58.3	57.8	1980	250.57	245.41	243.76	243.79	244.73	244.11	245.46	243.36	248.29	254.40	257.84	261.63	272.00
1980	56.4	57.8	57.3	57.1	56.8	55.7	56.1	55.6	55.9	55.9	55.9	56.1	56.5	1981		269.47	269.74	272.70									
1981		55.8	56.3	56.1										PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
PRODUCTION WORKERS—IN THOUSANDS														1977	5.01	4.89	4.88	4.92	4.97	4.96	5.05	4.96	4.98	5.07	5.08	5.13	5.20
1977	26.4	26.3	26.5	26.2	26.2	26.3	26.7	26.6	26.7	26.4	26.4	26.6	26.4	1978	5.41	5.24	5.28	5.26	5.31	5.31	5.31	5.45	5.44	5.50	5.54	5.61	5.64
1978	29.7	26.3	26.3	26.5	27.7	28.8	30.2	29.7	30.6	31.7	32.2	32.6	33.9	1979	5.84	5.65	5.69	5.70	5.73	5.82	5.84	5.83	5.92	5.95	6.02	6.11	
1979	36.6	34.1	34.5	33.8	34.8	35.6	37.3	37.8	39.0	38.3	38.2	38.0	38.2	1980	6.28	6.12	6.14	6.11	6.18	6.18	6.23	6.24	6.27	6.36	6.43	6.46	6.57
1980	36.5	37.8	37.6	37.3	37.0	36.4	36.4	35.8	35.8	35.9	35.7	36.0	36.6	1981		6.67	6.71	6.75									
1981		35.9	35.7	35.8										PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	40.6	40.1	41.1	40.7	40.0	40.6	40.8	40.5	40.6	40.1	40.7	40.7	40.8
1977	261.14	244.36	247.55	252.95	253.62	256.34	267.01	257.65	264.31	267.50	270.29	269.66	284.85	1978	40.2	39.7	39.3	40.0	40.1	40.2	40.5	39.9	39.9	39.8	39.9	41.3	42.0
1978	288.61	274.77	274.78	283.39	280.58	283.82	296.34	283.57	290.98	293.18	295.31	299.15	303.79	1979	40.3	40.5	40.5	40.4	39.2	39.8	40.7	40.2	40.0	39.9	40.1	40.5	41.3
1979	309.23	298.16	302.84	308.52	288.91	306.75	318.71	309.06	310.64	315.08	311.18	308.72	327.36	1980	39.9	40.1	39.7	39.9	39.6	39.5	39.4	39.0	39.6	40.0	40.1	40.5	41.4
1980	316.23	313.90	307.94	312.91	302.50	312.83	315.74	299.44	307.09	316.65	321.94	334.40	354.09	1981		40.4	40.2	40.4									
1981		344.80	343.60	347.31										PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	2.7	2.5	2.8	2.7	2.3	2.5	2.5	2.4	2.8	3.1	3.0	2.8	3.0
1977	6.13	5.86	5.88	5.98	6.01	6.06	6.11	6.12	6.19	6.25	6.33	6.36	6.43	1978	3.2	2.8	2.9	3.1	3.0	2.9	3.0	2.9	3.3	3.5	3.4	3.6	3.8
1978	6.65	6.45	6.42	6.47	6.48	6.48	6.60	6.61	6.72	6.85	6.82	6.83	6.92	1979	2.9	3.2	2.9	3.1	2.1	2.7	2.8	2.7	3.1	3.2	3.1	3.0	3.2
1979	7.06	6.87	6.93	6.98	6.83	6.94	7.02	7.04	7.06	7.21	7.22	7.23	7.34	1980	2.5	3.4	2.9	2.8	2.6	2.1	2.2	1.7	2.1	2.5	2.2	2.3	2.6
1980	7.62	7.30	7.28	7.38	7.36	7.52	7.59	7.60	7.62	7.78	7.91	8.00	8.14	1981		2.6	2.3	2.1									
1981		8.19	8.22	8.23										SIC 2643—BAGS, EXCEPT TEXTILE BAGS													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	42.6	41.7	42.1	42.3	42.2	42.3	43.7	42.1	42.7	42.8	42.7	42.4	44.3	1977	47.4	46.4	46.6	46.6	46.8	46.8	47.4	46.2	47.6	48.7	48.7	48.3	48.7
1978	43.4	42.6	42.8	43.8	43.3	43.8	44.9	42.9	43.3	42.8	43.3	43.8	43.9	1978	49.1	48.4	48.6	49.0	49.2	48.8	48.8	48.2	49.1	49.1	49.5	49.9	50.3
1979	43.8	43.4	43.7	44.2	42.3	44.2	45.4	43.9	44.0	43.7	43.1	42.7	44.6	1979	50.8	50.3	50.1	50.2	50.4	50.4	50.8	50.6	51.1	50.7	51.1	51.6	52.2
1980	41.5	43.0	42.3	42.4	41.1	41.6	41.6	39.4	40.3	40.7	40.7	41.8	43.5	1980	50.0	51.8	51.5	51.5	50.8	49.9	49.2	47.1	48.7	49.3	49.6	49.9	50.3
1981		42.1	41.8	42.2										1981		50.2	50.5	50.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.8	4.5	4.4	4.5	4.5	4.1	5.1	4.4	4.9	5.1	5.0	5.1	5.8	1977	37.7	36.9	37.0	37.0	37.2	37.2	37.6	36.4	37.5	38.9	38.8	38.5	38.8
1978	5.5	5.4	5.3	5.4	5.4	5.2	5.6	5.0	5.5	6.1	5.8	5.7	5.3	1978	38.7	38.5	38.5	38.9	38.9	38.7	38.6	38.0	38.6	38.6	38.5	38.8	39.2
1979	4.9	5.4	5.7	5.6	3.6	4.9	5.4	4.9	5.2	4.9	4.4	4.4	5.0	1979	39.7	39.3	39.1	39.1	39.3	39.2	39.8	39.5	39.7	39.6	39.7	40.6	41.0
1980	3.3	4.3	3.7	3.6	3.2	3.0	2.9	2.5	3.1	3.2	3.1	3.3	3.3	1980	38.8	40.4	40.2	40.3	39.7	38.7	38.1	35.9	37.6	38.2	38.5	38.9	39.3
1981		3.2	2.9	3.1										1981		39.5	39.7	39.3									

See footnotes at end of tables.

MANUFACTURING

SIC 265

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2643—BAGS, EXCEPT TEXTILE BAGS (Con.)														SIC 265—PAPERBOARD CONTAINERS AND BOXES (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	212.90	198.36	200.49	202.54	207.50	206.50	214.80	219.34	217.78	216.60	215.02	221.43	232.52	1977	5.36	5.17	5.18	5.22	5.25	5.28	5.32	5.38	5.42	5.48	5.51	5.52	5.58
1978	230.18	219.50	216.94	226.87	220.05	223.04	231.30	232.82	236.44	240.09	235.87	239.13	242.68	1978	5.89	5.60	5.68	5.70	5.73	5.78	5.87	5.97	5.97	6.02	6.02	6.10	6.15
1979	246.97	238.46	236.16	238.14	228.31	240.85	244.73	249.60	250.88	251.74	254.20	260.20	269.41	1979	6.37	6.13	6.13	6.17	6.17	6.26	6.34	6.40	6.46	6.51	6.52	6.59	6.69
1980	267.90	262.50	257.22	256.54	256.24	258.24	261.70	270.91	273.21	273.10	275.40	280.06	292.50	1980	6.94	6.66	6.70	6.71	6.74	6.83	6.92	6.99	7.09	7.10	7.11	7.20	7.30
1981		282.91	285.10	284.13										1981		7.33	7.30	7.33									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	5.13	4.91	4.89	4.94	5.00	5.00	5.09	5.21	5.21	5.27	5.27	5.31	5.42	1977	41.8	40.3	40.8	41.2	41.6	42.0	42.7	41.4	41.9	42.5	42.2	42.2	42.6
1978	5.56	5.38	5.41	5.48	5.42	5.44	5.56	5.61	5.67	5.73	5.67	5.68	5.71	1978	42.1	41.1	40.6	42.3	42.2	42.1	42.6	41.7	42.2	42.7	42.4	42.6	42.9
1979	5.98	5.76	5.76	5.78	5.78	5.86	5.94	6.00	6.06	6.14	6.14	6.21	6.28	1979	41.3	41.3	40.7	41.4	39.4	41.0	41.7	40.9	41.5	42.1	41.6	42.0	42.6
1980	6.55	6.28	6.32	6.35	6.39	6.44	6.51	6.64	6.68	6.71	6.75	6.70	6.85	1980	41.2	41.7	41.3	41.3	40.7	40.4	40.3	39.8	40.6	41.5	41.5	42.1	43.4
1981		6.85	6.92	6.93										1981		42.2	41.1	41.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	41.5	40.4	41.0	41.0	41.5	41.3	42.2	42.1	41.8	41.1	40.8	41.7	42.9	1977	3.8	3.2	3.1	3.3	3.5	3.8	4.0	3.7	4.0	4.3	4.3	4.0	4.1
1978	41.4	40.8	40.1	41.4	40.6	41.0	41.6	41.5	41.7	41.9	41.6	42.1	42.5	1978	4.2	3.7	4.0	4.1	4.0	3.9	4.3	4.2	4.4	4.8	4.6	4.4	4.3
1979	41.3	41.4	41.0	41.2	39.5	41.1	41.2	41.6	41.4	41.0	41.4	41.9	42.9	1979	3.6	3.6	3.2	3.6	2.5	3.2	3.7	3.5	4.0	4.3	4.0	3.9	3.9
1980	40.9	41.8	40.7	40.4	40.1	40.1	40.2	40.8	40.9	40.7	40.8	41.8	42.7	1980	2.6	2.2	2.0	2.2	2.1	2.0	1.9	2.3	2.9	3.4	3.3	3.5	4.0
1981		41.3	41.2	41.0										1981		3.7	3.2	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														ACCESSIONS PER 100 EMPLOYEES													
1977	3.6	3.0	3.1	3.2	3.3	3.1	3.6	3.8	3.8	3.8	3.8	3.9	4.6	1977	3.4	3.1	3.1	3.6	3.6	4.2	4.5	3.2	4.4	3.5	3.4	2.4	1.8
1978	3.7	3.7	3.5	3.8	3.3	3.3	3.6	3.6	3.8	4.2	3.8	4.1	4.1	1978	3.7	3.5	3.0	3.3	3.7	4.8	4.3	3.6	4.8	4.6	3.8	2.8	2.1
1979	3.4	3.6	3.5	3.5	2.4	3.1	3.3	3.6	3.5	3.7	3.5	3.6	3.9	1979	3.4	3.4	2.6	3.2	3.5	4.6	4.2	3.6	4.0	3.7	3.7	2.7	1.8
1980	3.0	3.3	3.1	2.8	2.5	2.3	2.4	2.6	3.1	3.1	3.0	3.4	3.8	1980	2.9	3.3	2.5	2.8	2.3	2.8	2.9	3.5	3.7	3.8	2.8	2.5	1.7
1981		3.2	3.2	2.8										1981		3.0	2.6	2.5									
SIC 265—PAPERBOARD CONTAINERS AND BOXES														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	2.4	1.8	1.7	2.2	2.5	3.3	3.6	2.2	3.2	2.9	2.7	1.8	1.3
1977	209.1	205.3	204.2	205.3	206.9	209.2	213.2	208.9	210.8	210.7	211.1	211.5	211.6	1978	2.9	2.1	2.0	2.3	2.6	3.8	3.4	2.9	4.0	4.0	3.4	2.2	1.6
1978	213.5	209.8	209.1	209.9	211.1	212.2	216.5	212.3	214.7	215.3	216.7	217.0	217.3	1979	2.6	2.3	1.7	2.2	2.6	3.5	3.3	2.7	3.3	3.2	2.9	1.9	1.2
1979	214.0	215.2	214.2	213.9	213.9	213.4	216.3	212.7	213.0	213.8	214.7	213.7	213.0	1980	1.7	2.0	1.6	1.7	1.4	1.6	1.6	1.6	2.2	2.4	1.8	1.5	1.0
1980	205.3	211.6	210.0	208.9	208.2	205.6	204.7	198.6	201.3	203.2	203.2	204.2	204.4	1981		1.6	1.5	1.5									
1981		203.7	203.3	202.4										RECALLS PER 100 EMPLOYEES													
WOMEN EMPLOYEES—IN THOUSANDS														1977	.8	1.2	1.2	1.2	1.0	.7	.6	.7	.9	.4	.5	.5	.4
1977	49.8	48.0	48.0	48.3	48.9	50.0	51.0	49.3	50.3	50.6	51.1	51.1	51.0	1978	.6	1.1	.7	.8	.9	.8	.6	.5	.6	.4	.3	.4	.4
1978	50.9	49.8	49.7	49.8	50.6	50.8	51.4	49.6	50.8	51.3	52.2	52.5	52.3	1979	.7	.8	.7	.9	.8	.9	.6	.6	.5	.4	.7	.6	.5
1979	51.2	51.2	50.9	51.1	51.4	51.0	52.3	50.7	50.8	51.2	51.7	51.2	50.7	1980	1.0	1.2	.8	.9	.7	1.0	1.1	1.8	1.4	1.2	.9	.8	.6
1980	49.0	50.3	49.8	49.6	49.7	49.2	48.9	46.4	48.0	48.7	49.0	49.4	49.5	1981		1.2	.9	.9									
1981		48.6	48.5	48.6										SEPARATIONS PER 100 EMPLOYEES													
PRODUCTION WORKERS—IN THOUSANDS														1977	3.5	4.1	3.3	3.0	3.0	3.2	3.1	3.8	5.0	4.3	3.5	2.9	3.0
1977	161.0	157.8	156.8	157.7	158.9	161.2	165.3	160.8	162.3	162.4	162.5	163.0	163.0	1978	3.6	3.6	3.2	3.1	3.2	3.5	3.2	4.1	5.2	4.6	3.5	3.2	3.1
1978	164.9	161.3	161.2	161.6	162.9	163.9	167.8	163.6	166.0	166.2	168.0	168.3	168.5	1979	3.8	3.5	3.3	3.7	3.8	3.6	3.7	3.6	5.3	4.0	3.9	3.4	3.2
1979	165.4	166.4	165.5	165.2	165.3	164.7	167.2	164.4	164.5	165.4	166.2	165.3	164.7	1980	3.5	3.4	3.4	3.2	4.1	3.5	4.1	4.0	4.3	3.7	2.9	2.8	2.7
1980	157.1	162.9	161.8	160.8	159.7	157.4	156.4	150.5	153.4	155.1	155.0	155.9	156.4	1981		3.3	3.1	2.8									
1981		155.5	155.4	154.5										QUITS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.6	1.2	1.1	1.4	1.5	1.5	1.6	1.5	3.0	2.4	1.7	1.2	.9
1977	224.05	208.35	211.34	215.06	218.40	221.76	227.16	222.73	227.10	232.90	232.52	232.94	237.71	1978	1.8	1.2	1.2	1.5	1.7	1.7	1.7	1.9	3.4	3.0	1.9	1.5	1.1
1978	247.97	230.16	230.61	241.11	241.81	243.34	250.06	248.95	251.93	257.05	255.25	259.86	263.84	1979	1.7	1.5	1.2	1.7	1.8	1.9	1.9	1.7	3.2	2.2	1.6	1.3	.9
1979	263.08	253.17	249.49	255.44	243.10	256.66	264.38	261.76	268.09	274.07	271.23	276.78	284.99	1980	1.2	1.2	1.1	1.3	1.1	1.2	1.0	1.1	2.0	1.5	1.1	.8	.6
1980	285.93	277.72	276.71	277.12	274.32	275.93	278.88	278.20	287.85	294.65	295.07	303.12	316.82	1981		1.0	.9	.9									
1981		309.33	300.03	302.00																							

See footnotes at end of tables.

SIC 265

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 265—PAPERBOARD CONTAINERS AND BOXES (Con.)														SIC 2651—FOLDING PAPERBOARD BOXES (Con.)													
LAYOFFS PER 100 EMPLOYEES														NEW HIRES PER 100 EMPLOYEES													
1977	1.1	2.0	1.4	0.8	0.7	0.7	0.7	1.4	0.9	1.0	0.9	1.0	1.4	1977	2.1	1.5	1.7	2.1	2.4	2.4	2.7	2.1	2.6	2.4	2.0	1.7	1.2
1978	.8	1.5	1.0	.8	.6	.8	.5	1.1	.6	.5	.6	.7	1.2	1978	2.7	1.9	1.8	1.9	2.1	3.5	3.4	2.9	4.2	3.8	2.8	2.0	1.5
1979	1.1	1.2	1.2	1.2	1.0	.7	.9	.9	1.1	.7	1.3	1.3	1.6	1979	2.5	2.6	1.7	2.0	2.5	3.2	2.9	3.2	3.0	3.1	2.7	1.9	1.2
1980	1.5	1.3	1.5	1.1	2.1	1.6	2.3	1.9	1.3	1.4	.9	1.3	1.6	1980	1.7	2.1	1.5	1.8	1.4	2.0	1.8	1.8	2.4	2.3	1.6	1.3	.9
1981		1.6	1.5	1.2										1981		1.6	1.3	1.4									
SIC 2651—FOLDING PAPERBOARD BOXES														RECALLS PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	.8	1.5	1.3	1.0	.9	.8	.7	.9	.6	.4	.5	.6	.7
1977	43.0	41.9	41.4	41.6	42.2	42.6	43.2	42.9	43.4	43.7	44.0	44.1	44.6	1978	.6	.8	.9	.8	.9	.9	.6	.7	.6	.2	.3	.4	.5
1978	45.3	44.6	44.3	44.7	44.9	44.8	45.8	45.1	45.8	46.0	46.2	45.9	46.0	1979	.7	.6	.5	.9	.5	1.2	1.2	.5	.4	.4	.6	1.0	.6
1979	44.4	45.6	45.0	45.1	44.9	44.4	44.7	44.2	44.0	44.2	44.3	43.5	43.4	1980	1.1	1.2	1.0	1.3	.9	1.0	1.5	1.7	1.1	1.2	.9	.8	.6
1980	42.1	42.6	42.6	42.2	42.1	41.8	42.0	41.0	41.5	42.1	42.2	42.2	42.4	1981		.7	.6	1.3									
1981		42.0	41.9	41.2																							
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	34.0	33.2	32.7	32.9	33.4	33.8	34.3	33.9	34.4	34.6	34.9	34.9	35.3	1977	3.3	3.7	3.4	3.0	2.9	2.9	3.2	3.1	4.6	3.9	3.6	2.5	3.1
1978	36.0	35.1	35.1	35.3	35.6	35.5	36.4	35.6	36.4	36.6	37.0	36.8	36.9	1978	3.4	3.8	3.5	2.8	2.8	3.1	3.0	3.2	5.0	4.4	2.8	3.1	2.8
1979	35.4	36.3	35.9	35.9	35.8	35.4	35.7	35.1	35.1	35.3	35.2	34.5	34.5	1979	3.4	3.3	3.1	2.8	3.3	3.6	3.3	2.7	4.8	3.4	3.9	3.0	3.4
1980	33.2	33.8	32.9	33.5	33.3	33.0	33.2	32.0	32.5	33.2	33.2	33.2	33.5	1980	3.4	3.8	3.3	3.3	4.3	3.6	3.9	3.6	4.1	3.1	3.0	2.4	2.5
1981		33.0	32.8	32.1										1981		3.2	3.1	2.7									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	231.97	216.89	222.49	222.26	222.38	223.51	233.45	227.84	235.20	240.41	242.10	245.10	251.41	1977	1.3	1.0	1.0	1.2	1.2	1.2	1.3	1.3	2.5	2.0	1.2	.8	.7
1978	260.04	237.80	241.94	254.29	252.36	252.70	265.61	267.22	262.84	272.12	264.12	270.24	279.59	1978	1.6	1.1	.9	1.1	1.4	1.5	1.5	1.5	3.1	2.9	1.3	1.4	.9
1979	268.27	258.54	253.78	253.37	244.22	260.53	268.92	267.08	272.24	279.18	278.88	281.82	302.03	1979	1.6	1.4	1.2	1.5	1.6	1.7	1.5	1.5	2.9	1.9	1.4	1.1	.9
1980	295.24	284.76	280.13	279.75	280.84	287.45	288.97	293.25	301.29	300.66	302.21	309.21	335.53	1980	1.1	1.1	.9	1.1	1.0	1.1	.9	1.1	2.3	1.5	.9	.7	.5
1981		314.07	306.03	316.40										1981		1.0	.8	.8									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.51	5.29	5.31	5.33	5.32	5.36	5.48	5.53	5.60	5.67	5.71	5.70	5.74	1977	1.2	1.6	1.6	.9	.7	.9	1.1	.9	1.1	1.1	1.6	1.1	1.8
1978	6.09	5.73	5.93	5.90	5.91	5.96	6.12	6.20	6.17	6.27	6.20	6.27	6.34	1978	.8	1.9	1.0	1.0	.6	.8	.4	.7	.5	.4	.6	.8	1.1
1979	6.48	6.26	6.22	6.21	6.23	6.37	6.48	6.53	6.56	6.60	6.64	6.71	6.88	1979	1.0	1.1	1.2	.5	1.0	1.0	.9	.4	1.1	.6	1.7	1.1	1.7
1980	7.08	6.78	6.75	6.79	6.80	6.96	7.10	7.17	7.26	7.21	7.23	7.31	7.54	1980	1.5	1.9	1.5	1.5	2.5	1.4	2.3	1.5	.8	.9	1.3	.9	1.4
1981		7.46	7.41	7.48										1981		1.7	1.6	1.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	42.1	41.0	41.9	41.7	41.8	41.7	42.6	41.2	42.0	42.4	42.4	43.0	43.8	1977	104.1	102.4	101.9	102.5	102.8	103.9	105.9	104.3	105.0	105.1	105.0	105.4	105.2
1978	42.7	41.5	40.8	43.1	42.7	42.4	43.4	43.1	42.6	43.4	42.6	43.1	44.1	1978	107.6	104.6	104.6	105.2	106.0	106.5	108.9	107.8	108.5	108.8	109.7	110.1	110.4
1979	41.4	41.3	40.8	40.8	39.2	40.9	41.5	40.9	41.5	42.3	42.0	42.0	43.9	1979	110.4	110.2	109.8	109.9	109.5	109.8	111.1	110.3	110.5	110.8	111.1	111.0	110.7
1980	41.7	42.0	41.5	41.2	41.3	41.3	40.7	40.9	41.5	41.7	41.8	42.3	44.5	1980	106.3	110.5	109.1	109.2	108.5	106.5	105.3	102.5	103.7	104.9	104.8	105.5	105.5
1981		42.1	41.3	42.3										1981		105.8	105.7	105.3									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.7	3.3	3.5	3.3	3.2	3.2	3.7	3.2	4.1	4.3	4.4	4.1	4.5	1977	76.5	75.0	74.3	75.0	75.2	76.2	78.3	76.6	77.1	77.4	77.3	77.7	77.6
1978	4.7	3.9	4.5	4.7	4.4	4.2	4.9	5.2	4.6	5.3	4.9	4.6	4.8	1978	79.7	77.2	77.1	77.6	78.5	78.9	81.0	79.8	80.4	80.5	81.6	81.9	82.2
1979	3.4	3.5	2.9	3.1	1.9	2.9	3.4	3.4	3.8	4.0	3.8	3.6	4.1	1979	81.9	82.0	81.5	81.5	81.3	81.3	82.4	81.9	82.0	82.3	82.6	82.4	82.1
1980	3.7	3.4	3.2	3.3	3.2	3.4	3.1	3.5	4.0	3.9	3.9	4.0	5.1	1980	78.0	81.7	80.6	80.6	79.9	78.0	76.9	74.4	75.8	76.7	76.5	77.1	77.3
1981		4.0	3.4	4.0										1981		77.4	77.6	77.4									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.0	3.0	3.1	3.3	3.4	3.3	3.5	3.1	3.3	2.8	2.7	2.3	2.1	1977	237.44	220.73	221.68	226.59	232.13	235.88	239.69	235.76	242.25	249.53	247.39	246.96	251.12
1978	3.4	2.9	2.8	2.8	3.1	4.6	4.1	3.8	5.0	4.2	3.2	2.5	2.1	1978	261.14	243.53	243.19	252.52	252.45	256.03	261.01	259.58	267.27	272.36	272.59	274.77	277.35
1979	3.3	3.3	2.3	3.0	3.1	4.5	4.2	3.8	3.5	3.5	3.4	2.9	1.9	1979	278.14	267.30	263.86	273.23	257.26	269.86	278.81	275.37	283.82	293.18	286.44	290.86	293.71
1980	2.9	3.4	2.6	3.3	2.4	3.1	3.4	3.5	3.6	3.7	2.6	2.2	1.6	1980	300.35	292.72	293.44	290.79	286.59	284.52	287.43	288.55	304.55	313.44	315.46	317.67	330.81
1981		2.4	2.0	2.7										1981		328.42	315.33	313.12									

See footnotes at end of tables.

MANUFACTURING

SIC 27

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2653—CORRUGATED AND SOLID FIBER BOXES (Con.)														SIC 2653—CORRUGATED AND SOLID FIBER BOXES (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.60	5.41	5.42	5.46	5.54	5.55	5.51	5.60	5.66	5.71	5.74	5.77	5.84	1977	0.7	1.4	1.0	0.7	0.6	0.5	0.5	0.8	0.4	0.8	0.5	0.7	0.8
1978	6.13	5.84	5.86	5.90	5.94	6.01	6.07	6.21	6.23	6.29	6.31	6.39	6.45	1978	.4	.5	.6	.3	.3	.5	.3	.8	.3	.2	.3	.6	.5
1979	6.67	6.41	6.42	6.49	6.48	6.55	6.67	6.70	6.79	6.85	6.82	6.86	6.96	1979	.7	.7	1.1	.6	.5	.6	.7	.5	.5	.7	.8	1.0	
1980	7.22	6.92	6.97	6.94	6.99	7.06	7.15	7.25	7.41	7.41	7.44	7.51	7.57	1980	1.1	.8	1.1	.7	1.7	1.5	1.8	1.1	1.2	.9	.5	.8	1.0
1981		7.62	7.58	7.60										1981		.6	1.1	.9									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2654—SANITARY FOOD CONTAINERS													
1977	42.4	40.8	40.9	41.5	41.9	42.5	43.5	42.1	42.8	43.7	43.1	42.8	43.0	ALL EMPLOYEES—IN THOUSANDS													
1978	42.6	41.7	41.5	42.8	42.5	42.6	43.0	41.8	42.9	43.3	43.2	43.0	43.0	1977	29.4	28.9	29.4	29.4	29.7	30.2	31.0	29.7	29.6	29.0	29.0	28.6	28.5
1979	41.7	41.7	41.1	42.1	39.7	41.2	41.8	41.1	41.8	42.8	42.0	42.4	42.2	1978	27.8	28.2	27.9	28.0	28.1	28.0	28.4	27.6	27.6	27.2	27.3	27.6	27.2
1980	41.6	42.3	42.1	41.9	41.0	40.3	40.2	39.8	41.1	42.3	42.4	42.3	43.7	1979	26.7	26.9	26.8	26.9	27.0	27.1	27.4	26.7	26.6	26.2	26.4	26.3	26.4
1981		43.1	41.6	41.2										1980	26.2	26.7	26.7	26.7	26.5	26.4	26.3	25.7	25.9	25.8	25.7	25.8	25.9
														1981		26.0	26.0	26.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.3	3.8	3.3	3.7	4.1	4.3	4.6	4.2	4.5	5.1	5.0	4.5	4.5	1977	24.3	23.8	24.2	24.0	24.3	24.9	25.9	24.7	24.3	23.9	23.9	23.7	23.6
1978	4.6	4.2	4.3	4.4	4.2	4.3	4.7	4.4	4.9	5.4	5.2	4.8	4.7	1978	23.0	23.4	23.3	23.2	23.3	23.1	23.5	22.9	23.0	22.5	22.7	22.9	22.5
1979	4.1	4.0	3.6	4.2	2.9	3.6	4.2	4.1	4.5	5.1	4.6	4.3	4.0	1979	22.2	22.3	22.3	22.5	22.4	22.6	22.7	22.4	21.9	21.7	22.0	21.9	21.9
1980	2.1	1.2	1.1	1.4	1.2	1.2	1.1	1.7	2.7	3.4	3.5	3.6	4.0	1980	21.5	22.0	22.1	22.1	21.7	21.7	21.5	21.0	21.1	21.0	20.9	21.1	21.2
1981		4.0	3.2	3.0										1981		21.3	21.3	21.4									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.9	2.1	2.0	2.8	2.9	4.0	4.3	2.9	3.6	3.4	3.0	1.8	1.5	1977	210.12	193.64	194.44	202.37	207.67	212.50	216.30	212.28	218.60	214.76	213.27	216.83	222.79
1978	3.2	2.8	2.1	2.5	2.9	4.2	4.1	3.1	4.0	4.1	3.7	2.4	1.9	1978	226.74	214.40	213.73	224.05	226.56	227.27	232.81	227.42	229.91	232.13	226.55	234.17	237.42
1979	3.0	2.8	1.9	2.7	3.0	4.3	4.1	3.1	3.8	3.1	3.1	2.1	1.6	1979	245.92	231.58	226.80	235.25	221.36	237.63	248.94	247.28	253.80	257.79	257.30	260.63	276.89
1980	2.3	2.6	2.0	2.0	1.6	2.1	2.0	2.9	3.1	3.2	2.2	2.0	1.6	1980	272.58	256.85	256.31	260.07	261.20	269.94	273.65	261.89	275.72	281.23	276.45	290.11	306.16
1981		2.4	2.1	1.9										1981		291.02	287.73	291.48									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	2.2	1.5	1.3	1.7	1.9	3.2	3.6	2.0	2.9	2.8	2.4	1.5	1.2	1977	5.10	4.89	4.91	4.96	4.98	5.00	5.15	5.14	5.18	5.20	5.24	5.25	5.33
1978	2.7	1.9	1.6	1.9	2.4	3.5	3.5	2.8	3.5	3.7	3.3	2.1	1.6	1978	5.49	5.32	5.33	5.36	5.42	5.45	5.53	5.52	5.54	5.54	5.58	5.67	5.68
1979	2.4	2.2	1.5	2.0	2.4	3.6	3.4	2.4	3.3	2.9	2.6	1.7	1.2	1979	5.94	5.69	5.67	5.71	5.72	5.81	5.83	5.93	6.00	6.08	6.20	6.25	6.38
1980	1.4	1.7	1.5	1.4	1.1	1.2	1.2	1.5	1.6	2.0	1.5	1.4	1.0	1980	6.60	6.28	6.36	6.39	6.53	6.60	6.61	6.63	6.66	6.68	6.71	6.81	6.88
1981		1.4	1.4	1.4										1981		6.88	6.90	6.94									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	.5	.5	.6	.9	.9	.6	.4	.5	.5	.4	.4	.2	.2	1977	41.2	39.6	39.6	40.8	41.7	42.5	42.0	41.3	42.2	41.3	40.7	41.3	41.8
1978	.3	.8	.3	.4	.3	.5	.4	.2	.3	.2	.2	.2	.2	1978	41.3	40.3	40.1	41.8	41.8	41.7	42.1	41.2	41.5	41.9	40.6	41.3	41.8
1979	.4	.3	.3	.6	.5	.5	.5	.5	.2	.1	.3	.2	.3	1979	41.4	40.7	40.0	41.2	38.7	40.9	42.7	41.7	42.3	42.4	41.5	41.7	43.4
1980	.7	.7	.3	.5	.4	.7	.7	1.3	1.3	1.0	.6	.4	.5	1980	41.3	40.9	40.3	40.7	40.0	40.9	41.4	39.5	41.4	42.1	41.2	42.6	44.5
1981		.8	.5	.4										1981		42.3	41.7	42.0									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.9	3.0	2.5	2.6	2.5	3.0	2.8	3.2	4.3	3.9	2.8	2.3	2.2	1977	3.1	2.3	2.1	2.5	3.1	3.8	3.8	3.8	4.3	3.4	2.9	2.7	3.0
1978	3.0	2.3	2.3	2.3	2.5	2.8	2.9	3.8	4.7	4.2	3.2	2.9	2.1	1978	3.4	3.0	3.2	3.4	3.6	3.2	3.5	3.9	4.0	3.9	3.1	3.3	3.2
1979	3.3	2.9	3.2	2.9	3.2	3.5	3.4	3.4	4.8	3.8	3.3	2.7	2.5	1979	3.2	3.2	2.8	3.2	2.3	3.1	3.3	3.3	3.5	3.7	3.4	3.1	3.6
1980	2.9	2.7	2.8	2.7	3.5	3.1	3.5	3.2	3.7	3.0	2.2	2.0	2.1	1980	3.1	2.8	2.9	2.9	3.1	2.6	2.6	3.0	3.2	3.7	2.9	3.3	3.9
1981		2.2	2.5	2.6										1981		3.5	3.2	3.2									
QUITS PER 100 EMPLOYEES														SIC 27—PRINTING AND PUBLISHING													
1977	1.4	.9	.9	1.2	1.2	1.4	1.5	1.5	2.9	2.2	1.4	1.0	.7	ALL EMPLOYEES—IN THOUSANDS													
1978	1.7	1.1	1.0	1.3	1.4	1.5	1.7	2.0	3.3	2.9	1.9	1.4	1.0	1977	1,141.4	1,114.1	1,119.0	1,122.8	1,129.7	1,134.7	1,141.6	1,141.8	1,146.9	1,151.9	1,157.7	1,162.7	1,173.6
1979	1.7	1.4	1.1	1.6	1.8	1.9	1.9	1.7	3.2	2.1	1.6	1.2	.9	1978	1,192.0	1,166.5	1,171.2	1,178.5	1,182.8	1,188.9	1,197.6	1,194.8	1,197.9	1,190.4	1,199.1	1,212.3	1,223.5
1980	1.1	1.1	1.1	1.3	1.0	1.0	.9	1.1	1.7	1.3	1.0	.7	.6	1979	1,235.1	1,217.8	1,222.2	1,225.7	1,226.3	1,229.1	1,237.0	1,237.7	1,236.1	1,235.9	1,243.1	1,252.4	1,257.5
1981		.9	.8	.9																							

See footnotes at end of tables.

MANUFACTURING

See footnotes at end of tables.

MANUFACTURING

SIC 272

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 271—NEWSPAPERS (Con.)														SIC 271—NEWSPAPERS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.56	6.33	6.37	6.44	6.52	6.54	6.58	6.56	6.57	6.64	6.69	6.73	6.76	1977	0.2	0.3	0.2	0.5	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
1978	6.93	6.80	6.90	6.84	6.89	6.91	6.97	6.99	6.94	6.83	6.86	7.10	7.12	1978	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1
1979	7.31	7.12	7.14	7.13	7.21	7.41	7.37	7.35	7.29	7.31	7.38	7.47	7.53	1979	.1	.2	.1	.2	.2	.1	.2	.1	.2	.2	.1	.1	.1
1980	7.73	7.51	7.62	7.57	7.64	7.71	7.64	7.65	7.71	7.79	7.88	7.92	8.07	1980	.2	.2	.1	.1	.2	.2	.2	.2	.2	.1	.2	.1	.1
1981		8.09	8.16	8.16										1981		.2	.1	.1									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 272—PERIODICALS													
1977	34.2	33.7	33.9	33.8	34.0	33.8	34.2	34.3	34.3	34.5	34.6	34.7	34.8	ALL EMPLOYEES—IN THOUSANDS													
1978	34.2	33.5	33.8	34.0	34.1	34.0	34.2	34.0	33.7	34.7	34.3	35.1	34.8	1977	74.9	73.6	73.8	73.9	73.2	73.2	74.2	74.9	75.7	76.0	76.5	76.8	76.9
1979	34.4	33.6	34.3	34.2	34.1	34.3	34.4	34.2	34.7	34.7	34.6	35.1	34.7	1978	78.9	78.3	78.0	77.9	77.7	77.5	78.4	78.9	79.5	79.4	80.2	80.5	80.3
1980	33.6	33.3	33.4	33.4	33.4	33.5	33.7	33.6	33.7	33.5	33.8	33.7	34.5	1979	82.0	80.9	79.7	79.6	79.2	79.9	81.3	82.1	83.0	82.9	83.9	85.2	86.1
1981		32.8	33.2	33.1										1980	88.4	87.7	87.2	87.1	86.8	86.9	87.5	88.7	89.8	89.2	89.4	90.3	90.1
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	1.7	1.3	1.5	1.5	1.8	1.6	1.7	1.7	1.7	1.9	2.0	2.1	2.1	1977	42.8	41.7	41.7	41.8	41.3	41.5	42.1	42.7	43.4	44.0	44.4	44.6	44.6
1978	2.0	1.4	1.7	1.8	1.9	1.9	1.9	2.1	1.9	2.0	2.2	2.6	2.5	1978	47.2	45.5	45.0	46.6	46.5	46.2	46.9	47.5	47.9	47.9	48.5	48.8	48.9
1979	2.1	1.7	1.9	2.0	1.9	2.1	2.0	1.8	2.0	2.2	2.3	2.6	2.3	1979	50.3	49.7	48.9	48.7	48.5	48.8	49.5	49.9	51.3	50.9	51.5	52.6	52.9
1980	1.8	1.5	1.8	1.7	1.8	1.7	1.6	1.5	1.8	1.8	2.0	1.8	2.0	1980	53.5	54.0	53.5	53.1	52.7	52.7	52.9	53.3	53.8	53.4	53.9	54.2	53.9
1981		1.1	1.3	1.3										1981		55.0	54.3	54.5									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.0	2.6	2.3	2.3	2.6	3.6	3.7	2.8	3.5	4.0	3.4	3.0	2.7	1977	14.5	13.2	13.6	14.1	14.2	14.3	14.6	14.5	14.9	15.1	15.0	15.1	15.2
1978	3.5	3.1	2.7	3.0	3.1	4.0	4.4	3.2	3.9	4.4	3.8	3.7	2.8	1978	14.8	15.5	15.4	16.3	15.8	15.3	15.3	14.7	14.3	13.9	13.8	13.9	13.9
1979	3.7	3.6	3.1	3.2	3.2	4.2	4.6	3.6	3.9	4.5	4.1	3.4	2.9	1979	13.9	13.9	13.9	13.7	13.6	13.6	13.7	13.9	14.1	13.8	13.9	14.1	14.2
1980	3.3	3.3	3.2	3.1	3.1	3.6	4.0	2.9	3.6	3.9	3.5	3.0	2.9	1980	16.1	14.2	14.8	15.3	15.7	16.0	16.5	16.5	17.3	16.9	16.4	16.6	17.0
1981		3.2	2.9	3.2										1981		17.2	17.8	17.8									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.8	2.3	2.1	2.1	2.4	3.2	3.3	2.6	3.3	3.7	3.2	2.7	2.4	1977	222.05	219.79	217.74	217.36	223.23	225.00	219.75	226.10	227.33	228.98	222.90	214.70	219.82
1978	3.2	2.7	2.4	2.8	2.7	3.7	4.1	3.0	3.7	4.0	3.6	3.4	2.6	1978	226.00	224.58	229.28	223.11	220.98	211.87	220.80	223.88	224.65	232.25	232.02	233.36	238.23
1979	3.4	3.2	2.9	2.9	3.0	3.8	4.2	3.3	3.6	4.2	3.8	3.2	2.7	1979	239.25	235.62	232.79	235.69	230.89	228.90	231.36	241.70	240.48	247.41	242.43	253.17	247.42
1980	3.1	3.0	2.8	2.9	2.9	3.3	3.6	2.7	3.3	3.6	3.2	2.8	2.6	1980	260.98	233.83	241.82	244.61	244.63	248.83	259.15	264.61	265.95	275.26	273.42	278.63	292.22
1981		2.7	2.6	3.0										1981		282.33	285.70	285.36									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2	.1	.2	.2	1977	5.89	5.83	5.73	5.72	5.89	5.89	5.86	5.95	6.03	6.09	5.96	5.85	5.80
1978	.2	.3	.2	.1	.2	.2	.2	.1	.1	.2	.1	.2	.1	1978	5.87	5.91	5.94	5.78	5.80	5.62	5.75	5.80	5.82	5.94	5.98	6.03	6.14
1979	.1	.2	.1	.1	.1	.2	.2	.1	.1	.2	.1	.1	.1	1979	6.38	6.12	6.11	6.17	6.19	6.22	6.27	6.48	6.43	6.58	6.57	6.68	6.76
1980	.1	.1	.2	.1	.1	.1	.2	.1	.2	.2	.1	.1	.2	1980	7.15	6.70	6.87	6.91	6.93	6.97	7.10	7.21	7.13	7.36	7.35	7.49	7.59
1981		.1	.1	.1										1981		7.61	7.68	7.63									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.9	2.8	2.4	3.1	2.4	2.9	2.8	2.8	3.9	4.0	2.8	2.7	2.6	1977	37.7	37.7	38.0	38.0	37.9	38.2	37.5	38.0	37.7	37.6	37.4	36.7	37.9
1978	3.2	2.7	2.5	2.9	2.9	3.4	3.4	3.1	4.2	4.4	3.2	3.0	2.7	1978	38.5	38.0	38.6	38.6	38.1	37.7	38.4	38.6	38.6	39.1	38.8	38.7	38.8
1979	3.5	3.6	2.5	3.4	3.3	3.3	3.6	3.3	4.8	4.4	3.5	3.0	2.9	1979	37.5	38.5	38.1	38.2	37.3	36.8	36.9	37.3	37.4	37.6	36.9	37.9	36.6
1980	3.3	3.3	2.9	3.1	3.1	3.3	3.2	3.0	4.4	3.9	3.1	2.8	3.0	1980	36.5	34.9	35.2	35.4	35.3	35.7	36.5	36.7	37.3	37.4	37.2	37.2	38.5
1981		3.3	2.7	3.2										1981		37.1	37.2	37.4									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.2	1.9	1.8	1.6	1.7	2.3	2.3	2.1	3.3	3.3	2.2	2.1	2.0	1977	3.2	2.6	2.7	2.4	3.0	3.1	3.0	3.2	4.0	3.9	3.7	3.0	3.4
1978	2.5	2.0	1.8	2.2	2.2	2.7	2.7	2.5	3.5	3.6	2.6	2.4	2.2	1978	3.1	3.8	3.7	3.4	2.7	2.5	2.4	2.5	2.6	4.0	3.6	3.1	3.1
1979	2.8	2.6	2.0	2.6	2.5	2.6	2.9	2.7	3.9	3.7	2.9	2.4	2.3	1979	2.2	3.1	2.8	2.6	2.0	1.8	1.5	1.6	2.1	2.4	2.1	2.1	2.5
1980	2.6	2.4	2.3	2.4	2.4	2.6	2.5	2.3	3.7	3.2	2.5	2.2	2.3	1980	2.3	1.7	2.1	2.0	2.1	1.9	2.4	2.3	2.5	3.0	2.7	2.2	2.4
1981		2.5	2.0	2.5										1981		1.7	2.1	2.3									

See footnotes at end of tables.

SIC 272

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 272—PERIODICALS (Con.)

ACCESSIONS PER 100 EMPLOYEES													
1977	2.5	2.9	1.8	2.0	1.7	2.4	3.4	2.4	2.8	3.7	3.2	2.1	2.0
1978	2.9	2.0	2.1	2.1	1.8	2.5	3.7	3.7	3.1	4.2	3.7	2.8	2.7
1979	2.9	2.9	2.0	2.6	2.5	2.3	4.1	2.4	3.4	3.8	4.1	2.9	2.1
1980	2.7	2.7	2.3	2.4	2.6	2.1	3.7	2.8	3.3	3.3	2.6	2.5	2.1
1981		4.1	3.8	2.4									

NEW HIRES PER 100 EMPLOYEES														
1977	2.3	2.6	1.7	1.9	1.6	2.1	3.0	2.0	2.6	3.1	2.7	2.0	1.8	
1978	2.6	1.9	1.9	1.9	1.7	2.2	3.4	3.4	2.7	3.8	3.3	2.5	2.4	
1979	2.7	2.7	1.8	2.5	2.3	2.0	3.8	2.3	3.3	3.6	3.9	2.7	1.9	
1980	2.5	2.4	2.2	2.2	2.4	2.0	3.4	2.5	3.0	3.1	2.4	2.3	1.9	
1981		3.4	3.3	2.3										

RECALLS PER 100 EMPLOYEES													
1977	.2	.2	.1	.1	.1	.2	.3	.3	.1	.5	.4	.1	.2
1978	.2	.1	.1	.1	.1	.2	.3	.2	.3	.4	.3	.2	.2
1979	.2	.1	.1	.1	.1	.2	.3	.1	.1	.2	.2	.1	.2
1980	.2	.2	.1	.1	.1	.1	.3	.3	.3	.2	.1	.2	.2
1981		.6	.5	.1									

SEPARATIONS PER 100 EMPLOYEES														
1977	2.2	2.0	2.4	2.5	2.2	2.1	2.0	2.2	2.7	2.8	1.9	1.5	1.8	
1978	2.5	1.8	2.5	1.8	2.3	2.2	2.2	2.5	3.7	3.7	2.9	2.2	2.1	
1979	2.6	2.0	2.8	2.0	2.4	2.5	2.3	2.6	3.8	3.1	2.9	2.3	2.1	
1980	2.5	2.6	2.5	2.6	2.5	2.4	2.3	2.1	3.3	3.2	2.2	1.8	2.2	
1981		2.4	2.5	2.4										

QUITS PER 100 EMPLOYEES													
1977	1.3	1.1	1.1	1.3	1.3	1.4	1.2	1.2	2.0	2.0	1.3	1.0	1.0
1978	1.7	1.1	1.4	1.2	1.3	1.3	1.5	1.7	2.6	2.8	2.1	1.7	1.3
1979	1.9	1.4	1.7	1.5	1.6	1.6	1.6	1.9	3.0	2.5	2.2	1.7	1.5
1980	1.7	1.8	1.7	1.6	1.7	1.5	1.5	1.5	2.6	2.3	1.6	1.3	1.5
1981		1.6	1.7	1.5									

LAYOFFS PER 100 EMPLOYEES													
1977	.3	.2	.8	.5	.3	.2	.2	.4	.2	.4	.1	.2	.2
1978	.3	.2	.6	.1	.4	.4	.2	.2	.3	.3	.2	.1	.2
1979	.2	.1	.7	(¹)	.2	.2	.2	.3	.2	.2	.1	.1	.1
1980	.2	.1	.2	.4	.2	.2	.2	.1	.3	.2	.2	.1	.1
1981		.2	.2	.2									

SIC 273—BOOKS

ALL EMPLOYEES—IN THOUSANDS													
1977	98.4	97.6	98.2	100.2	100.2	100.3	99.3	98.2	97.5	96.4	96.3	97.3	99.6
1978	100.6	99.3	100.3	101.9	102.6	101.8	101.0	100.8	100.0	98.2	98.6	100.1	102.1
1979	101.9	102.3	103.2	104.0	104.4	103.7	102.5	101.6	100.6	98.9	98.6	100.5	102.9
1980	100.8	102.9	102.8	103.0	103.2	102.4	101.7	99.6	99.1	97.5	96.8	98.5	101.8
1981		101.7	102.5	102.7									

WOMEN EMPLOYEES—IN THOUSANDS														
1977	52.0	50.6	51.0	52.8	53.4	53.4	52.7	52.2	51.5	50.6	50.6	51.6	53.4	
1978	53.6	53.3	54.3	55.3	55.6	54.8	53.7	53.2	52.3	51.0	52.0	53.0	54.1	
1979	54.1	54.2	54.6	55.2	55.7	54.8	54.0	53.9	52.9	52.4	52.4	53.7	55.1	
1980	54.0	55.2	55.4	55.5	55.5	55.0	54.2	53.1	52.6	51.9	51.8	53.1	54.7	
1981		55.0	55.7	55.9										

SIC 273—BOOKS (Con.)

MANUFACTURING

SIC 274

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 273—BOOKS (Con.)														SIC 2731—BOOK PUBLISHING (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.3	3.4	2.6	2.7	4.1	3.6	3.4	3.5	5.1	3.9	2.9	2.4	2.5	1977	3.0	1.8	1.6	3.3	3.8	3.4	2.4	3.1	3.8	3.5	3.2	3.0	3.3
1978	3.3	2.8	2.2	3.1	3.8	3.6	3.6	2.9	4.9	4.8	2.7	2.3	2.4	1978	2.9	3.0	3.6	3.4	3.4	3.2	2.3	3.4	3.6	2.4	2.1	2.1	2.4
1979	3.6	3.4	2.6	3.3	3.1	4.1	3.8	3.6	6.5	4.4	2.8	2.5	2.5	1979	2.3	2.2	2.2	3.0	2.7	2.7	1.8	2.3	2.7	1.9	1.7	2.1	2.3
1980	3.5	3.3	2.8	3.0	3.4	4.1	3.7	3.9	5.1	4.0	4.0	2.1	2.7	1980	1.5	1.9	2.0	1.8	1.6	1.4	.7	1.2	1.6	1.5	1.0	1.5	1.8
1981		3.6	3.0	3.0										1981		1.3	1.4	2.0									
QUITS PER 100 EMPLOYEES														SIC 2732—BOOK PRINTING													
1977	1.6	1.5	1.2	1.4	2.0	1.8	1.6	1.6	2.8	2.1	1.4	1.0	1.2	ALL EMPLOYEES—IN THOUSANDS													
1978	1.9	1.5	1.3	1.8	2.2	2.0	1.9	1.6	3.2	2.4	1.6	1.2	1.4	1977	30.0	30.0	30.0	31.0	31.0	31.1	30.5	29.6	29.5	29.1	28.9	29.2	29.5
1979	1.9	1.7	1.4	1.8	1.9	2.1	2.0	1.7	3.8	2.1	1.6	1.3	1.1	1978	30.1	28.9	29.1	29.6	30.1	30.2	29.9	29.4	29.9	29.8	30.4	31.2	32.3
1980	1.6	1.8	1.6	1.4	1.7	2.0	1.5	1.3	2.7	1.9	1.4	.9	1.2	1979	31.5	32.0	32.4	33.0	33.1	32.4	31.6	31.1	30.5	30.2	30.0	30.6	31.6
1981		1.7	1.3	1.3										1980	29.5	31.1	30.4	30.2	30.2	29.7	29.9	28.1	28.7	28.6	28.3	28.7	30.5
LAYOFFS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	1.0	1.1	.8	.8	.8	.7	1.3	1.3	1.7	1.2	1.0	.8	.6	1977	25.4	25.3	25.4	26.4	26.4	26.5	25.8	25.1	24.9	24.5	24.3	24.8	25.1
1978	.8	.7	.3	.6	.9	.8	1.0	.8	1.1	1.4	.7	.4	.4	1978	25.4	24.5	24.7	25.2	25.7	25.7	25.2	24.7	25.2	25.0	25.5	26.3	27.4
1979	1.1	1.1	.6	.6	.6	1.4	1.2	1.4	2.0	1.6	.7	.7	.9	1979	26.7	27.1	27.6	28.1	28.2	27.4	26.6	26.3	25.7	25.4	25.1	25.7	26.7
1980	1.3	.8	.8	1.0	1.0	1.3	1.6	2.1	1.9	1.6	2.0	.8	1.1	1980	24.6	26.2	25.7	25.5	25.5	24.7	25.0	23.2	23.8	23.6	23.2	23.7	25.4
1981		1.1	1.1	1.0										1981		25.0	25.1	25.1									
SIC 2731—BOOK PUBLISHING														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
ALL EMPLOYEES—IN THOUSANDS														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	68.5	67.6	68.2	69.2	69.2	69.2	68.8	68.6	68.0	67.3	67.4	68.1	70.1	1977	223.44	210.43	216.37	223.15	216.80	227.52	230.32	223.71	225.77	235.48	217.25	221.05	233.60
1978	70.5	70.4	71.2	72.3	72.5	71.6	71.1	71.4	70.1	68.4	68.2	68.9	69.8	1978	233.64	224.45	221.36	231.24	228.50	226.39	225.61	228.38	242.78	245.35	241.38	238.23	248.65
1979	70.4	70.3	70.8	71.0	71.3	71.3	70.9	70.5	70.1	68.7	68.6	69.9	71.3	1979	249.48	237.38	240.92	245.25	235.75	246.40	248.03	250.97	256.74	259.35	256.11	255.06	267.60
1980	71.2	71.8	72.4	72.8	73.0	72.7	71.8	71.5	70.4	68.9	68.5	69.8	71.3	1980	269.12	264.88	257.38	261.71	257.18	267.74	253.13	261.18	277.15	278.10	283.92	276.10	291.93
1981		71.9	72.6	72.7										1981		286.38	280.36	283.71									
PRODUCTION WORKERS—IN THOUSANDS														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	23.9	22.8	23.7	24.6	24.9	24.7	24.4	24.0	23.3	22.7	22.8	23.4	24.9	1977	5.49	5.48	5.45	5.39	5.34	5.43	5.51	5.51	5.52	5.58	5.50	5.54	5.67
1978	25.5	25.5	26.0	27.1	27.8	27.3	25.7	25.7	24.7	23.6	23.2	24.0	25.0	1978	5.93	5.77	5.72	5.64	5.67	5.79	5.86	6.01	6.10	6.18	6.08	6.14	6.17
1979	26.9	26.2	27.2	28.2	28.6	28.6	27.3	26.9	25.9	25.6	24.9	26.1	27.3	1979	6.48	6.28	6.34	6.37	6.27	6.40	6.51	6.57	6.60	6.65	6.55	6.54	6.69
1980	27.1	28.0	28.6	28.6	28.4	28.3	27.4	27.1	26.3	25.1	24.5	25.9	27.3	1980	6.99	6.74	6.72	6.78	6.75	6.83	6.86	7.04	7.18	7.28	7.28	7.19	7.28
1981		28.2	28.9	29.1										1981		7.40	7.32	7.35									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	209.09	198.90	198.78	208.75	206.14	205.42	202.54	205.39	213.99	217.76	217.31	218.59	216.68	1977	40.7	38.4	39.7	41.4	40.6	41.9	41.8	40.6	40.9	42.2	39.5	39.9	41.2
1978	217.71	207.34	210.36	210.01	210.40	213.99	209.97	223.58	232.41	226.55	223.47	223.44	221.69	1978	39.4	38.9	38.7	41.0	40.3	39.1	38.5	38.0	39.8	39.7	39.7	38.8	40.3
1979	227.37	218.83	215.67	221.13	221.13	223.74	223.49	232.25	237.20	235.01	233.75	236.90	234.93	1979	38.5	37.8	38.0	38.5	37.6	38.5	38.1	38.2	38.9	39.0	39.1	39.0	40.0
1980	249.28	233.78	237.16	236.63	235.25	240.67	238.82	254.26	262.68	263.52	257.23	262.33	275.32	1980	38.5	39.3	38.3	38.6	38.1	39.2	36.9	37.1	38.6	38.2	39.0	38.4	40.1
1981		262.71	259.98	265.41										1981		38.7	38.3	38.6									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	5.28	5.29	5.19	5.18	5.04	5.11	5.22	5.28	5.31	5.39	5.46	5.52	5.39	1977	4.6	3.5	3.8	4.7	3.9	5.3	5.1	4.9	5.0	5.6	4.1	4.1	5.0
1978	5.47	5.33	5.38	5.29	5.26	5.31	5.37	5.44	5.56	5.75	5.73	5.70	5.57	1978	4.8	4.2	4.4	4.8	4.7	4.1	4.0	4.0	5.6	6.1	5.6	5.1	5.3
1979	5.83	5.64	5.53	5.57	5.57	5.65	5.76	5.85	5.93	6.12	6.25	6.09	6.15	1979	4.5	4.4	4.8	5.0	3.7	4.8	4.4	4.4	4.8	4.8	4.0	4.1	4.7
1980	6.56	6.12	6.16	6.26	6.29	6.35	6.42	6.57	6.77	6.99	6.99	6.94	6.97	1980	3.5	4.2	3.8	4.1	3.4	3.6	2.7	3.2	3.7	3.4	3.2	2.6	3.7
1981		6.95	6.97	7.04										1981		3.2	2.8	3.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 274—MISCELLANEOUS PUBLISHING													
1977	39.6	37.6	38.3	40.3	40.9	40.2	38.8	38.9	40.3	40.4	39.8	39.6	40.2	ALL EMPLOYEES—IN THOUSANDS													
1978	39.8	38.9	39.1	39.7	40.0	40.3	39.1	41.1	41.8	39.4	39.0	39.2	39.8	1977	43.5	41.0	41.5	41.6	42.9	43.5	44.4	44.8	44.8	44.4	44.0	44.0	44.8
1979	39.0	38.8	39.0	39.7	39.7	39.6	38.8	39.7	40.0	38.4	37.4	38.9	38.2	1978	44.9	44.4	44.4	45.0	45.4	45.2	45.1	44.1	44.5	45.0	44.5	44.8	46.1
1980	38.0	38.2	38.5	37.8	37.4	37.9	37.2	38.7	38.8	37.7	36.8	37.8	39.5	1979	46.1	45.6	45.6	45.3	46.3	45.3	45.4	46.4	46.6	45.6	45.9	47.1	48.0
1981		37.8	37.3	37.7										1981		45.6	45.6	45.3	46.3	45.3	45.4	46.4	46.6	45.6	45.9	47.1	48.0

MANUFACTURING

See footnotes at end of tables.

MANUFACTURING

SIC 2751

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 275—COMMERCIAL PRINTING (Con.)														SIC 275—COMMERCIAL PRINTING (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.28	6.09	6.12	6.16	6.15	6.21	6.22	6.24	6.34	6.43	6.42	6.44	6.45	1977	1.0	1.7	1.0	0.9	1.0	1.1	0.9	0.8	0.7	0.8	1.0	0.8	1.5
1978	6.72	6.52	6.49	6.61	6.60	6.60	6.64	6.72	6.79	6.89	6.90	6.90	6.95	1978	.9	1.4	1.2	.8	.7	.9	.8	.6	.5	.6	.8	.9	1.7
1979	7.19	6.98	6.99	7.06	6.95	7.05	7.13	7.17	7.26	7.37	7.39	7.40	7.51	1979	.8	1.3	.7	.7	.9	.9	.8	.8	.7	.6	.8	.8	1.1
1980	7.85	7.53	7.56	7.62	7.59	7.74	7.76	7.90	8.00	8.09	8.06	8.12	8.20	1980	1.2	1.2	1.2	1.0	1.1	1.4	1.5	.9	1.0	1.0	1.5	1.0	1.9
1981		8.23	8.27	8.35										1981		1.1	1.1	.9									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2751—COMMERCIAL PRINTING, LETTERPRESS													
1977	38.9	38.1	38.8	39.0	38.6	38.5	38.7	38.7	38.9	39.5	39.2	39.1	39.3	ALL EMPLOYEES—IN THOUSANDS													
1978	38.7	37.8	37.9	39.1	38.5	38.0	38.5	38.4	38.9	39.3	39.0	39.2	39.2	1977	160.1	158.7	158.4	158.7	159.1	158.6	158.5	157.5	159.2	161.1	162.8	163.2	165.6
1979	38.5	38.3	38.4	39.0	37.6	38.2	38.3	38.5	39.0	39.1	38.6	38.5	39.0	1978	165.9	162.7	163.2	164.2	164.5	165.5	167.0	164.4	165.3	167.7	167.7	168.1	170.1
1980	38.2	38.3	38.1	38.5	37.8	37.8	37.7	37.7	38.3	38.6	38.3	38.2	39.0	1979	166.5	167.3	166.8	166.3	165.9	166.3	166.6	165.7	166.4	166.4	167.4	167.4	167.0
1981		38.6	38.3	38.8										1980	166.3	164.3	166.2	165.4	165.7	164.1	164.5	164.3	164.3	167.7	169.3	169.7	170.1
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.4	3.0	3.1	3.4	3.1	3.1	3.0	3.1	3.5	4.0	3.8	3.5	3.8	1977	51.0	49.7	49.5	49.7	50.1	50.4	50.5	50.2	50.8	51.8	52.5	52.9	53.3
1978	3.6	3.0	3.3	3.9	3.4	3.1	3.2	3.3	3.8	4.2	3.9	3.7	3.7	1978	53.5	51.7	52.0	52.3	52.9	53.2	53.3	52.3	53.1	54.6	54.7	55.4	56.1
1979	3.3	3.1	3.2	3.7	2.7	2.9	3.0	3.0	3.6	3.9	3.5	3.3	3.5	1979	55.1	54.4	54.2	54.3	54.7	55.0	54.8	54.4	54.1	56.2	56.5	56.5	56.3
1980	2.9	2.9	2.9	3.2	2.7	2.5	2.4	2.5	3.0	3.4	3.0	3.0	3.2	1980	55.5	54.2	55.3	55.1	55.6	54.9	54.9	55.1	54.7	56.2	56.5	56.9	56.8
1981		2.8	2.8	3.1										1981		55.5	55.4	56.8									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.1	3.3	2.9	3.3	2.8	3.0	3.5	3.0	4.1	3.7	3.0	2.5	2.3	1977	119.7	119.0	118.6	119.1	118.9	118.7	118.2	116.7	119.1	120.0	121.6	122.0	123.9
1978	3.4	3.1	3.0	3.8	3.1	3.2	3.7	3.4	4.2	3.9	3.7	3.0	2.2	1978	123.2	121.2	121.6	121.5	122.3	122.4	123.0	121.4	122.4	125.1	125.2	125.0	126.8
1979	3.3	3.5	3.1	3.4	3.3	3.3	3.9	3.3	4.0	3.7	3.5	2.6	2.4	1979	123.5	123.7	123.5	123.0	123.0	122.6	122.9	122.2	121.7	124.3	125.0	125.1	124.4
1980	3.0	3.2	3.2	3.3	2.7	3.0	2.9	2.9	3.2	3.3	3.1	2.6	2.4	1980	123.3	121.7	123.2	121.7	122.7	120.7	121.5	121.5	122.3	124.7	126.5	126.4	127.0
1981		3.0	2.7	3.5										1981		124.3	124.2	125.2									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.3	2.0	1.9	2.2	2.0	2.2	2.7	2.2	3.3	3.1	2.4	1.8	1.4	1977	230.86	219.26	224.65	225.42	228.53	224.64	227.95	231.08	232.02	240.77	238.12	237.68	240.34
1978	2.7	2.3	2.2	2.9	2.5	2.7	2.9	2.7	3.6	3.3	3.2	2.4	1.6	1978	244.22	233.23	235.46	244.14	241.01	235.25	242.69	242.70	250.65	255.06	250.75	251.16	254.14
1979	2.6	2.6	2.2	2.4	2.6	2.7	3.2	2.5	3.1	3.1	2.9	2.1	1.7	1979	257.56	250.04	250.97	255.92	245.15	250.52	254.22	254.02	262.19	266.88	263.41	265.56	272.13
1980	2.2	2.4	2.4	2.6	2.1	2.3	2.2	1.9	2.3	2.4	2.3	1.8	1.4	1980	277.85	266.25	262.63	268.46	266.32	273.77	274.13	277.13	283.12	289.18	285.39	287.28	298.36
1981		1.9	1.9	2.4										1981		294.89	291.02	296.00									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.7	1.0	.9	1.0	.7	.7	.7	.7	.7	.5	.5	.6	.8	1977	5.95	5.77	5.82	5.84	5.89	5.85	5.86	5.91	5.98	6.08	6.09	6.11	6.10
1978	.6	.7	.7	.9	.5	.4	.6	.6	.6	.4	.3	.5	.6	1978	6.36	6.17	6.18	6.26	6.26	6.24	6.32	6.37	6.46	6.54	6.53	6.49	6.55
1979	.6	.7	.8	.9	.5	.5	.6	.7	.8	.4	.5	.4	.5	1979	6.76	6.58	6.57	6.63	6.59	6.61	6.69	6.72	6.81	6.95	6.95	6.97	7.05
1980	.7	.7	.7	.7	.5	.7	.7	.8	.8	.8	.7	.8	.7	1980	7.37	7.10	7.06	7.14	7.14	7.32	7.31	7.41	7.49	7.59	7.55	7.60	7.67
1981		1.0	.7	1.0										1981		7.74	7.74	7.81									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.9	3.3	2.4	2.6	2.8	2.9	3.0	2.7	3.4	3.6	3.0	2.5	2.8	1977	38.8	38.0	38.6	38.6	38.8	38.4	38.9	39.1	38.8	39.6	39.1	38.9	39.4
1978	3.2	3.1	2.9	2.9	2.7	3.0	3.1	3.4	3.8	3.4	3.3	2.9	3.4	1978	38.4	37.8	38.1	39.0	38.5	37.7	38.4	38.1	38.8	39.0	38.4	38.7	38.8
1979	3.2	3.5	2.7	2.9	3.3	3.1	3.4	3.1	4.2	3.4	3.2	2.7	2.7	1979	38.1	38.0	38.2	38.6	37.2	37.9	38.0	37.8	38.5	38.4	37.9	38.1	38.6
1980	3.2	3.4	3.3	3.2	3.1	3.5	3.4	2.8	3.7	3.1	3.3	2.7	3.3	1980	37.7	37.5	37.2	37.6	37.3	37.4	37.5	37.4	37.8	38.1	37.8	37.8	38.9
1981		2.9	2.6	2.7										1981		38.1	37.6	37.9									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.3	1.1	.9	1.1	1.3	1.3	1.4	1.4	2.0	2.1	1.5	1.1	.9	1977	3.1	2.8	2.9	3.1	3.1	2.7	2.9	3.1	3.2	3.8	3.5	3.2	3.3
1978	1.6	1.2	1.2	1.6	1.5	1.6	1.7	1.6	2.6	2.1	1.8	1.5	1.2	1978	3.2	2.7	3.0	3.5	3.1	2.7	3.1	3.1	3.5	3.8	3.3	3.0	3.2
1979	1.7	1.4	1.4	1.6	1.6	1.6	1.9	1.7	2.7	2.0	1.7	1.3	1.1	1979	2.8	2.7	2.9	3.3	2.3	2.5	2.5	2.6	3.1	3.3	2.9	2.9	3.1
1980	1.3	1.4	1.4	1.5	1.4	1.5	1.2	1.2	1.9	1.5	1.2	1.0	.8	1980	2.4	2.3	2.4	2.5	2.2	2.0	2.0	2.0	2.3	2.8	2.5	2.4	2.9
1981		1.1	1.0	1.2										1981		2.3	2.0	2.3									

See footnotes at end of tables.

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See footnotes at end of tables.

MANUFACTURING

SIC 278

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 2752—COMMERCIAL PRINTING, LITHOGRAPHIC (Con.)														SIC 276—MANIFOLD BUSINESS FORMS (Con.)														
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	3.0	3.5	2.4	3.1	3.0	2.9	3.2	2.6	3.5	3.3	3.1	2.6	2.6	1977	40.4	40.2	39.9	39.4	39.1	40.0	40.8	40.1	40.4	40.7	40.5	41.4	42.9	
1978	3.0	3.2	2.9	2.7	2.9	3.1	2.9	2.6	4.0	3.6	3.1	2.7	2.8	1978	41.1	40.3	39.9	40.7	40.3	40.0	41.4	41.3	40.9	41.7	41.5	42.0	43.0	
1979	3.1	3.4	2.5	3.0	3.3	3.3	3.2	2.8	4.2	3.4	3.2	2.9	2.5	1979	41.2	41.7	40.7	41.0	39.3	40.8	41.5	41.0	41.0	41.0	41.1	42.2	42.9	
1980	3.1	3.5	3.2	3.1	3.2	3.5	2.8	2.7	3.5	3.1	3.1	2.6	2.9	1980	40.6	42.1	40.6	41.2	40.5	40.5	40.1	39.7	39.7	40.1	40.2	40.6	41.9	
1981		3.2	2.6	2.7										1981		40.4	39.8	39.9										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	1.2	1.1	.9	1.2	1.1	1.2	1.3	1.2	1.9	1.7	1.3	1.1	.9	1977	3.3	3.3	2.7	2.3	2.4	2.9	3.3	3.3	3.7	3.6	4.0	4.9		
1978	1.5	1.2	1.2	1.3	1.4	1.5	1.5	1.4	2.6	2.0	1.7	1.3	1.1	1978	3.8	3.5	3.3	3.2	3.1	2.8	4.1	3.9	4.0	4.4	3.9	4.0	5.0	
1979	1.6	1.3	1.3	1.6	1.4	1.6	1.8	1.5	2.5	1.9	1.6	1.5	1.0	1979	3.5	4.0	3.4	3.5	1.9	2.8	3.3	3.5	3.5	3.8	3.7	4.1	4.8	
1980	1.3	1.5	1.4	1.4	1.4	1.4	1.2	1.1	1.8	1.4	1.2	1.1	.9	1980	3.2	4.4	3.6	3.7	3.1	2.8	2.3	2.7	2.5	2.9	2.7	3.2	4.0	
1981		1.2	1.0	1.2										1981		3.3	2.6	2.3										
LAYOFFS PER 100 EMPLOYEES														SIC 278—BLANKBOOKS AND BOOKBINDING														
1977	1.1	1.8	1.0	1.3	1.4	1.1	1.2	.9	.9	.9	1.2	.9	1.2	ALL EMPLOYEES—IN THOUSANDS														
1978	.9	1.4	1.2	.8	.9	1.0	.8	.7	.7	.9	.7	.8	1.1	1977	57.7	56.0	56.5	56.3	56.7	57.1	57.7	58.2	58.7	58.4	59.1	58.7	58.8	
1979	.8	1.1	.5	.7	1.0	1.1	.6	.7	.9	.7	.8	.8	.9	1978	60.9	58.7	59.1	59.9	59.8	59.7	60.9	62.2	62.2	61.8	62.2	61.9	62.1	
1980	1.1	1.2	1.0	1.0	1.1	1.4	1.0	.9	.8	.9	1.2	.8	1.4	1979	63.2	62.0	62.0	62.2	62.0	62.7	64.8	64.6	64.4	63.5	64.0	63.8	62.8	
1981		1.2	.9	.9										1980	61.2	62.4	62.5	62.5	61.6	61.2	61.2	61.2	61.2	60.9	59.8	59.3	60.8	
														1981		59.3	60.4	60.9										
SIC 276—MANIFOLD BUSINESS FORMS														WOMEN EMPLOYEES—IN THOUSANDS														
ALL EMPLOYEES—IN THOUSANDS														1977	29.4	27.8	28.4	28.4	28.8	29.0	29.4	29.7	30.4	30.2	30.5	30.1	29.9	
1977	42.1	41.3	41.4	41.7	41.7	41.8	42.1	42.1	42.0	42.5	42.7	42.7	43.6	1978	31.5	30.0	30.3	31.0	30.9	31.0	31.5	32.1	32.4	32.2	32.5	32.3	32.2	
1978	44.4	43.6	43.7	43.9	44.2	44.1	44.2	44.0	44.2	44.9	44.9	45.2	45.4	1979	33.5	32.7	32.9	32.9	32.3	33.0	34.1	34.0	34.1	33.6	34.1	34.1	33.6	
1979	47.4	45.7	45.7	45.8	46.0	46.7	47.4	47.8	47.9	48.4	48.7	49.3	49.6	1980	32.7	33.3	33.7	33.6	32.9	32.7	32.9	32.3	32.6	32.6	31.9	31.5	32.3	
1980	49.3	49.9	49.9	50.2	50.0	49.5	49.3	48.7	48.6	48.9	48.9	49.0	49.1	1981		31.3	32.1	32.3										
1981		48.7	48.7	48.4										PRODUCTION WORKERS—IN THOUSANDS														
WOMEN EMPLOYEES—IN THOUSANDS														1977	47.3	45.4	46.2	46.0	46.5	46.8	47.4	47.8	48.4	48.0	48.3	48.3	48.0	
1977	13.0	12.7	12.7	12.8	12.8	12.9	13.0	13.0	13.0	13.3	13.4	13.5	13.4	1978	50.2	48.1	48.6	49.4	49.5	49.2	50.2	51.2	51.8	50.9	51.4	50.8	51.1	
1978	13.8	13.5	13.5	13.5	13.5	13.6	13.7	13.7	13.8	14.0	14.0	14.2	14.4	1979	52.4	51.0	51.2	51.4	51.1	51.9	54.0	53.5	53.6	52.5	53.1	53.3	52.4	
1979	15.2	14.5	14.5	14.4	14.6	14.9	15.3	15.4	15.5	15.6	15.7	15.9	16.0	1980	50.3	52.0	51.6	51.8	50.8	50.1	50.3	50.3	50.3	50.0	48.9	48.0	49.8	
1980	15.9	16.2	16.0	16.2	16.1	15.9	15.7	15.6	15.7	15.7	15.8	15.8	15.9	1981		48.3	49.1	49.6										
1981		15.6	15.6	15.4										PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														
PRODUCTION WORKERS—IN THOUSANDS														1977	183.14	178.64	179.10	182.60	178.56	181.42	181.20	179.41	183.22	185.73	188.07	189.12	189.83	
1977	29.8	29.3	29.4	29.7	29.5	29.5	29.8	29.5	29.7	30.1	30.1	30.2	30.9	1978	194.61	186.20	185.09	192.57	189.81	190.19	194.24	191.18	197.18	201.85	198.12	200.38	206.00	
1978	31.6	30.8	30.9	31.1	31.2	31.2	31.3	31.3	31.6	32.0	32.2	32.5	32.6	1979	205.50	201.89	200.20	206.17	199.64	203.18	203.45	201.17	201.98	208.74	209.37	211.92	218.99	
1979	33.3	32.6	32.5	32.6	32.5	32.9	33.4	33.4	33.4	33.8	34.0	34.3	34.7	1980	224.84	216.28	215.00	220.35	220.74	222.71	220.23	223.11	220.99	231.08	228.48	232.62	248.68	
1980	34.2	34.8	34.6	34.5	34.5	34.2	34.2	33.8	33.9	34.0	33.7	33.9	34.1	1981		245.96	234.40	239.86										
1981		33.8	33.7	33.6										PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	4.72	4.64	4.64	4.67	4.65	4.70	4.67	4.66	4.71	4.75	4.81	4.80	4.88	
1977	231.49	221.90	220.65	217.49	218.57	226.40	234.19	231.38	232.30	236.06	237.33	245.50	256.11	1978	4.99	4.90	4.82	4.90	4.93	4.94	4.93	4.94	5.03	5.11	5.08	5.06	5.15	
1978	253.18	241.40	238.60	245.01	244.22	243.60	254.20	254.00	253.17	261.04	260.21	264.18	277.35	1979	5.31	5.19	5.20	5.30	5.24	5.25	5.23	5.28	5.26	5.38	5.41	5.42	5.53	
1979	276.04	270.22	262.92	265.68	253.09	270.10	278.05	275.93	277.98	280.44	282.36	291.18	302.45	1980	5.78	5.56	5.57	5.65	5.66	5.74	5.75	5.78	5.77	5.91	5.95	5.98	6.11	
1980	301.25	301.44	291.91	301.17	296.46	297.27	293.93	293.38	295.37	301.55	303.51	311.81	327.24	1981		6.18	6.12	6.23										
1981		315.52	310.84	313.61										PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	38.8	38.5	38.6	39.1	38.4	38.6	38.8	38.5	38.9	39.1	39.1	39.4	38.9	
1977	5.73	5.52	5.53	5.52	5.59	5.66	5.74	5.77	5.75	5.80	5.86	5.93	5.97	1978	39.0	38.0	38.4	39.3	38.5	38.5	39.4	38.7	39.2	39.5	39.0	39.6	40.0	
1978	6.16	5.99	5.98	6.02	6.06	6.09	6.14	6.15	6.19	6.26	6.27	6.29	6.45	1979	38.7	38.9	38.5	38.9	38.1	38.7	38.9	38.1	38.4	38.8	38.7	39.1	39.6	
1979	6.70	6.48	6.46	6.48	6.44	6.62	6.70	6.73	6.78	6.84	6.87	6.90	7.05	1980	38.9	38.9	38.6	39.0	39.0	38.8	38.3	38.6	38.3	39.1	38.4	38.9	40.7	
1980	7.42	7.16	7.19	7.31	7.32	7.34	7.33	7.39	7.44	7.52	7.55	7.68	7.81	1981		39.8	38.3	38.5										
1981		7.81	7.81	7.86																								

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SIC 281

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 28—CHEMICALS AND ALLIED PRODUCTS (Con.)														SIC 28—CHEMICALS AND ALLIED PRODUCTS (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	616.0	601.2	605.7	612.1	616.1	619.1	624.2	621.0	622.3	619.6	617.5	616.1	616.9	1977	1.7	1.8	1.5	1.5	1.6	1.7	1.7	1.7	2.6	2.4	1.5	1.3	1.5
1978	627.6	615.8	619.1	622.6	625.1	630.5	636.5	633.3	632.3	630.0	627.6	628.4	629.7	1978	1.7	1.7	1.3	1.5	1.6	1.5	1.8	1.7	2.9	2.3	1.6	1.3	1.5
1979	633.3	628.0	628.2	630.2	630.9	632.7	643.0	637.2	635.4	633.6	633.4	632.8	633.7	1979	1.7	1.7	1.5	1.5	1.6	1.7	1.8	1.6	2.9	2.2	1.7	1.4	1.3
1980	625.5	633.5	631.5	634.0	636.0	632.7	631.3	618.1	617.0	617.9	616.1	617.7	619.6	1980	1.8	1.6	1.5	1.5	1.8	2.0	2.0	1.9	2.6	2.1	1.5	1.2	1.4
1981		620.0	623.0	627.3										1981		1.7	1.3	1.5									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	268.13	255.65	257.30	259.79	263.97	263.96	268.38	269.80	269.98	274.63	276.05	278.39	284.01	1977	.7	.6	.5	.6	.7	.7	.7	.7	1.5	1.3	.6	.5	.5
1978	294.14	280.01	282.35	287.28	289.23	290.09	292.74	293.28	295.11	299.88	302.40	305.83	308.37	1978	.8	.6	.5	.7	.7	.7	.8	.8	1.8	1.3	.7	.6	.5
1979	318.44	305.66	305.66	308.80	315.09	312.66	315.17	317.34	320.19	323.53	326.51	332.96	334.65	1979	.9	.7	.6	.7	.7	.8	.9	.8	1.9	1.2	.8	.6	.5
1980	344.45	332.77	333.22	336.10	338.21	337.83	339.90	340.25	343.56	349.81	354.00	361.20	365.85	1980	.7	.7	.6	.7	.6	.7	.6	.6	1.4	1.0	.6	.4	.4
1981		363.58	365.20	367.74										1981		.7	.5	.6									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.43	6.19	6.20	6.23	6.30	6.33	6.39	6.47	6.49	6.57	6.62	6.66	6.73	1977	.4	.5	.5	.4	.3	.4	.4	.4	.4	.5	.4	.5	.5
1978	7.02	6.78	6.82	6.84	6.87	6.94	6.97	7.05	7.06	7.14	7.20	7.23	7.29	1978	.4	.5	.3	.3	.3	.3	.4	.4	.3	.4	.4	.4	.4
1979	7.60	7.33	7.33	7.37	7.52	7.48	7.54	7.61	7.66	7.74	7.83	7.89	7.93	1979	.3	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4
1980	8.30	7.98	8.01	8.06	8.13	8.18	8.25	8.36	8.40	8.47	8.53	8.60	8.69	1980	.5	.3	.3	.3	.6	.8	.8	.8	.6	.5	.4	.4	.5
1981		8.74	8.80	8.84										1981		.4	.3	.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 281—INDUSTRIAL INORGANIC CHEMICALS													
1977	41.7	41.3	41.5	41.7	41.9	41.7	42.0	41.7	41.6	41.8	41.7	41.8	42.2	ALL EMPLOYEES—IN THOUSANDS													
1978	41.9	41.3	41.4	42.0	42.1	41.8	42.0	41.6	41.8	42.0	42.0	42.3	42.3	1977	161.8	156.6	157.3	158.5	159.2	160.3	162.7	163.6	164.6	164.0	164.6	165.0	164.9
1979	41.9	41.7	41.7	41.9	41.9	41.8	41.8	41.7	41.8	41.8	41.7	42.2	42.2	1978	163.9	164.2	164.5	164.2	163.8	163.9	164.0	165.5	165.4	163.6	162.7	162.2	163.0
1980	41.5	41.7	41.6	41.7	41.6	41.3	41.2	40.7	40.9	41.3	41.5	42.0	42.1	1979	162.1	163.0	162.4	162.4	162.6	161.3	163.3	162.3	162.5	161.5	160.7	161.4	161.7
1981		41.6	41.5	41.6										1980	162.2	163.2	162.4	162.4	162.2	163.0	163.6	162.5	162.4	161.0	160.7	161.2	161.5
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.4	3.2	3.2	3.3	3.6	3.4	3.5	3.5	3.4	3.6	3.4	3.2	3.4	1977	20.3	18.6	18.9	19.4	19.6	19.9	20.6	21.0	21.3	21.1	21.1	21.2	21.3
1978	3.5	3.4	3.6	3.5	3.6	3.4	3.4	3.5	3.5	3.7	3.7	3.6	3.5	1978	22.1	21.1	21.2	21.3	21.6	21.9	22.1	22.6	22.8	22.4	22.5	22.5	22.8
1979	3.5	3.5	3.4	3.5	3.5	3.4	3.4	3.5	3.5	3.7	3.6	3.6	3.4	1979	23.4	22.8	22.9	22.7	23.0	23.0	23.7	23.9	23.8	23.5	23.5	23.7	23.7
1980	3.1	3.3	3.2	3.4	3.3	2.9	2.8	2.8	2.9	3.1	3.2	3.3	3.4	1980	24.0	23.8	23.7	23.7	23.7	24.0	24.3	24.2	24.4	23.9	24.0	24.1	24.3
1981		3.4	3.3	3.3										1981		24.3	24.4	24.4									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	1.8	1.9	2.0	1.9	1.8	2.4	2.7	1.8	2.1	1.8	1.5	1.3	1.0	1977	94.8	93.7	93.7	94.2	94.3	94.7	95.4	95.4	95.9	95.3	95.1	95.1	94.7
1978	1.8	1.8	1.6	1.8	1.7	2.2	2.8	1.9	1.9	1.9	1.7	1.3	1.1	1978	92.7	94.3	94.7	94.3	94.1	93.5	93.2	93.4	92.8	91.4	90.4	90.0	90.6
1979	1.8	1.7	1.6	1.8	1.9	2.5	2.8	1.9	1.9	1.7	1.7	1.3	1.1	1979	88.0	90.1	89.6	89.3	89.7	88.0	89.0	87.5	87.5	87.0	86.3	86.3	86.1
1980	1.6	1.6	1.5	1.7	1.5	2.0	2.2	1.5	1.6	1.7	1.5	1.2	1.1	1980	88.1	89.4	88.6	89.4	89.5	89.4	89.5	87.4	87.5	86.8	86.2	86.6	86.5
1981		1.8	1.5	1.7										1981		87.7	88.6	89.3									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.3	1.2	1.2	1.4	1.3	1.8	2.1	1.4	1.6	1.5	1.2	.9	.7	1977	292.88	276.97	278.30	278.56	288.12	288.12	293.56	295.68	296.90	301.14	304.50	308.55	310.06
1978	1.4	1.2	1.2	1.4	1.3	1.7	2.2	1.5	1.5	1.5	1.4	1.0	.9	1978	321.56	304.61	307.33	310.59	312.80	313.41	318.19	326.48	325.78	329.52	334.96	340.63	336.66
1979	1.4	1.3	1.2	1.4	1.4	2.0	2.3	1.5	1.5	1.4	1.4	1.0	.8	1979	347.75	330.96	331.85	333.06	346.46	337.35	341.54	346.94	349.03	357.01	360.82	368.94	371.51
1980	1.2	1.2	1.2	1.3	1.2	1.5	1.7	1.1	1.0	1.2	1.0	.8	.8	1980	376.82	364.53	363.24	363.54	362.97	363.38	370.46	376.48	378.73	384.81	389.69	398.58	402.90
1981		1.2	1.1	1.3										1981		402.66	401.86	402.97									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.3	.5	.6	.3	.3	.3	.3	.3	.2	.2	.3	.2	.1	1977	6.99	6.69	6.69	6.68	6.86	6.86	6.94	7.04	7.12	7.17	7.25	7.26	7.33
1978	.3	.4	.3	.3	.2	.3	.3	.3	.2	.3	.2	.2	.1	1978	7.62	7.34	7.37	7.36	7.43	7.48	7.54	7.70	7.72	7.79	7.90	7.94	7.94
1979	.2	.3	.3	.3	.4	.3	.3	.2	.2	.2	.2	.2	.2	1979	8.26	7.88	7.92	7.93	8.21	8.09	8.21	8.30	8.37	8.48	8.53	8.62	8.66
1980	.3	.3	.2	.3	.2	.3	.3	.3	.4	.4	.3	.3	.2	1980	9.08	8.70	8.69	8.76	8.81	8.82	8.97	9.16	9.26	9.34	9.39	9.49	9.57
1981		.4	.3	.3										1981		9.61	9.66	9.71									

See footnotes at end of tables.

SIC 281

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 281—INDUSTRIAL INORGANIC CHEMICALS (Con.)														SIC 2819—INDUSTRIAL INORGANIC CHEMICALS, NEC													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	41.9	41.4	41.6	41.7	42.0	42.0	42.3	42.0	41.7	42.0	42.0	42.5	42.3	1977	104.7	101.6	101.8	102.5	103.1	104.0	105.2	106.1	106.6	106.2	106.3	106.2	106.8
1978	42.2	41.5	41.7	42.2	42.1	41.9	42.2	42.4	42.2	42.3	42.4	42.9	42.4	1978	107.2	106.6	107.1	107.0	106.8	107.0	106.2	108.6	108.5	107.4	106.9	106.8	106.9
1979	42.1	42.0	41.9	42.0	42.2	41.7	41.6	41.8	41.7	42.1	42.3	42.8	42.9	1979	106.1	107.0	106.7	106.9	107.1	105.6	106.3	106.5	105.4	105.1	105.2	105.5	105.3
1980	41.5	41.9	41.8	41.5	41.2	41.2	41.3	41.1	40.9	41.2	41.5	42.0	42.1	1980	106.8	107.2	106.8	106.8	106.8	107.2	107.6	107.2	107.1	106.5	106.1	106.4	106.4
1981		41.9	41.6	41.5										1981		107.1	107.3	107.5									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.8	3.6	3.5	3.6	4.1	3.6	3.9	3.8	3.8	4.1	3.9	3.5	3.7	1977	14.0	13.2	13.4	13.5	13.6	13.8	14.2	14.4	14.5	14.4	14.4	14.4	14.5
1978	3.9	3.8	3.9	3.8	3.7	3.6	3.8	4.2	3.9	4.0	4.0	4.0	3.6	1978	15.2	14.6	14.7	14.8	14.9	15.0	15.1	15.5	15.5	15.3	15.4	15.4	15.6
1979	3.8	3.7	3.6	3.4	4.5	3.5	3.8	3.9	3.7	4.0	3.9	4.1	3.7	1979	15.8	15.5	15.6	15.5	15.7	15.6	15.9	16.1	15.9	15.8	15.8	15.9	15.8
1980	3.1	3.4	3.4	3.2	3.2	2.9	2.9	2.9	3.0	3.0	3.1	3.3	3.1	1980	16.2	15.9	15.9	15.8	15.8	16.0	16.2	16.2	16.5	16.2	16.3	16.4	16.6
1981		3.2	3.4	3.2										1981		16.5	16.5	16.5									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	1.6	1.8	1.5	1.5	1.6	2.4	2.9	1.4	1.8	1.4	1.5	1.1	.9	1977	58.1	56.3	56.3	57.1	57.6	58.3	58.7	58.9	59.2	58.8	58.7	58.5	59.0
1978	1.5	1.5	1.2	1.2	1.7	2.3	2.7	1.7	1.5	1.4	1.2	1.0	1.0	1978	58.9	58.6	58.8	58.8	58.7	58.8	58.4	59.8	59.5	58.9	58.7	58.6	58.6
1979	1.4	1.2	1.1	1.3	1.3	1.9	2.5	1.3	1.4	1.4	1.5	1.1	.9	1979	57.3	58.9	58.6	58.7	59.0	57.3	57.5	57.3	56.2	56.0	56.1	55.9	55.9
1980	1.3	1.4	1.1	1.3	1.1	1.8	2.3	1.0	1.4	1.3	1.2	1.0	.9	1980	58.7	59.4	59.0	59.5	59.6	59.3	59.7	58.4	58.6	58.1	57.5	57.4	57.3
1981		1.4	1.3	1.4										1981		58.0	58.4	58.7									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.2	1.1	1.0	1.2	1.3	2.0	2.2	1.0	1.4	1.2	1.2	.8	.7	1977	289.82	277.89	278.05	279.64	281.63	282.31	287.43	292.18	292.82	300.00	296.73	304.68	307.33
1978	1.2	1.1	.9	1.0	1.0	1.9	2.1	1.3	1.3	1.2	1.0	.8	.8	1978	315.82	298.89	302.22	303.99	305.44	306.86	311.25	320.32	320.08	324.90	328.64	333.48	335.58
1979	1.1	.8	.8	1.0	1.0	1.5	2.0	1.1	1.1	1.1	1.2	.8	.7	1979	345.69	327.44	327.06	328.27	341.55	335.74	340.72	346.11	349.42	356.14	360.81	368.46	373.60
1980	1.0	1.0	1.0	1.0	.9	1.4	1.8	.8	.9	1.0	.9	.6	.6	1980	376.98	364.42	363.58	366.39	366.27	367.09	368.92	376.18	378.27	383.39	386.63	398.11	403.79
1981		.9	.9	1.0										1981		399.92	397.55	402.94									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.2	.5	.3	.2	.2	.1	.3	.2	.1	.1	.1	.1	.1	1977	6.95	6.68	6.70	6.69	6.77	6.77	6.86	6.99	7.09	7.16	7.15	7.22	7.30
1978	.2	.1	.1	.1	.1	.2	.3	.2	.1	.1	.1	.1	.1	1978	7.61	7.29	7.30	7.29	7.36	7.43	7.50	7.70	7.75	7.81	7.90	7.94	7.99
1979	.2	.2	.2	.1	.2	.2	.4	.1	.2	.1	.1	.1	.2	1979	8.29	7.89	7.90	7.91	8.23	8.09	8.23	8.34	8.44	8.52	8.55	8.69	8.77
1980	.2	.2	(^b)	.1	.1	.1	.2	.1	.3	.2	.2	.2	.2	1980	9.15	8.76	8.74	8.85	8.89	8.91	9.02	9.22	9.34	9.42	9.43	9.57	9.66
1981		.4	.3	.2										1981		9.66	9.72	9.78									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.4	1.7	1.0	1.0	1.4	1.2	1.2	1.3	2.4	1.9	1.3	.9	1.7	1977	41.7	41.6	41.5	41.8	41.6	41.7	41.9	41.8	41.3	41.9	41.5	42.2	42.1
1978	1.4	1.3	1.2	1.2	1.4	1.4	1.3	1.2	2.2	2.0	1.3	.9	1.3	1978	41.5	41.0	41.4	41.7	41.5	41.3	41.5	41.6	41.3	41.6	41.6	42.0	42.0
1979	1.3	1.4	1.1	1.0	1.0	1.2	1.1	1.1	2.4	1.8	1.0	1.0	1.3	1979	41.7	41.5	41.4	41.5	41.5	41.5	41.4	41.5	41.4	41.8	42.2	42.4	42.6
1980	1.4	1.3	1.0	1.1	1.4	1.5	1.8	1.3	2.3	2.1	1.4	.7	.9	1980	41.2	41.6	41.6	41.4	41.2	41.2	40.9	40.8	40.5	40.7	41.0	41.6	41.8
1981		1.0	1.0	1.1										1981		41.4	40.9	41.2									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.6	.4	.3	.4	.4	.5	.5	.5	1.5	1.1	.4	.4	.4	1977	3.5	3.5	3.4	3.4	3.7	3.2	3.5	3.6	3.7	4.1	3.3	3.2	3.3
1978	.6	.5	.4	.5	.6	.5	.6	.5	1.4	1.1	.6	.3	.5	1978	3.3	3.2	3.4	3.1	3.2	3.1	3.4	3.7	3.4	3.6	3.4	3.2	3.2
1979	.6	.4	.4	.5	.4	.6	.6	.5	1.6	1.1	.5	.4	.4	1979	3.4	2.9	2.9	2.9	4.1	3.1	3.3	3.4	3.4	3.7	3.7	3.9	3.5
1980	.5	.5	.5	.5	.5	.5	.5	.4	1.1	.7	.4	.3	.3	1980	3.0	3.2	3.0	3.0	3.1	2.9	2.7	2.9	2.8	2.8	3.0	3.3	3.2
1981		.4	.4	.4										1981		3.1	3.0	3.0									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.3	.6	.1	.1	.5	.2	.1	.2	.2	.3	.3	.2	.7	1977	1.6	1.8	1.6	1.6	1.6	2.0	2.7	1.4	1.9	1.5	1.5	1.1	.7
1978	.2	.3	.2	.2	.3	.4	.2	.2	.2	.3	.3	.2	.3	1978	1.4	1.4	1.1	1.3	1.2	2.2	2.5	1.7	1.4	1.3	1.1	.8	.9
1979	.2	.4	.2	.1	.1	.2	.1	.2	.3	.3	.2	.2	.3	1979	1.4	1.2	1.0	1.3	1.4	1.8	2.4	1.2	1.4	1.5	1.4	1.0	1.0
1980	.5	.2	.1	.2	.5	.6	.9	.4	.7	.9	.5	.2	.3	1980	1.3	1.5	1.0	1.3	1.2	2.0	2.3	1.0	1.2	1.3	1.2	.8	.8
1981		.2	.2	.2										1981		1.3	1.3	1.4									

See footnotes at end of tables.

MANUFACTURING

SIC 282

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2819—INDUSTRIAL INORGANIC CHEMICALS, NEC (Con.)														SIC 282—PLASTICS MATERIALS AND SYNTHETICS (Con.)													
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.2	1.1	1.1	1.2	1.3	1.6	2.0	1.0	1.5	1.2	1.2	0.8	0.5	1977	262.92	249.45	250.88	252.93	257.65	260.40	264.59	267.12	265.85	267.90	268.97	273.42	278.60
1978	1.1	1.0	.9	1.1	1.0	1.8	2.0	1.3	1.2	1.1	.9	.6	.7	1978	292.14	277.97	280.14	281.72	285.10	288.06	292.50	292.72	295.95	298.92	300.48	304.59	304.88
1979	1.1	.8	.8	1.1	1.0	1.5	1.9	1.0	1.1	1.2	1.1	.8	.7	1979	314.91	302.40	303.00	305.11	321.29	310.70	312.70	315.23	313.92	314.57	321.98	326.82	329.22
1980	1.0	1.1	.9	1.0	1.0	1.6	1.7	.8	.9	1.0	1.0	.6	.6	1980	339.89	329.01	334.36	333.94	337.33	334.15	330.08	333.28	335.34	341.53	346.94	359.13	362.90
1981		.9	1.0	1.1										1981		360.64	361.01	363.49									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.2	.5	.4	.2	.1	.1	.3	.2	.1	.1	.1	.1	.1	1977	6.29	6.04	6.06	6.08	6.12	6.20	6.27	6.36	6.36	6.44	6.45	6.51	6.54
1978	.1	.1	.1	.1	.1	.2	.2	.3	.1	.1	.1	.1	.1	1978	6.89	6.65	6.67	6.66	6.74	6.81	6.85	6.92	6.98	7.05	7.07	7.10	7.14
1979	.2	.3	.1	.1	.1	.1	.3	.1	.2	.1	.1	.1	.2	1979	7.48	7.20	7.18	7.23	7.42	7.38	7.41	7.47	7.51	7.58	7.74	7.80	7.82
1980	.1	.2	(¹)	.1	.1	.1	.3	.1	.1	.2	.1	.1	.1	1980	8.21	7.89	7.98	7.97	8.07	8.17	8.15	8.27	8.28	8.33	8.36	8.49	8.62
1981		.3	.2	.2										1981		8.69	8.72	8.78									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.3	1.6	1.0	1.0	1.3	1.1	1.1	1.3	2.2	1.7	1.1	.8	1.1	1977	41.8	41.3	41.4	41.6	42.1	42.0	42.2	42.0	41.8	41.6	41.7	42.0	42.6
1978	1.2	1.1	.9	1.1	1.2	1.2	1.2	1.2	2.1	1.7	1.0	.7	1.1	1978	42.4	41.8	42.0	42.3	42.3	42.3	42.7	42.3	42.4	42.4	42.5	42.9	42.7
1979	1.2	1.2	1.0	1.0	1.0	1.2	1.1	1.1	2.4	1.7	.8	.8	1.1	1979	42.1	42.0	42.2	42.2	43.3	42.1	42.2	42.2	41.8	41.5	41.6	41.9	42.1
1980	1.3	1.3	.9	1.1	1.2	1.4	1.5	1.3	2.3	1.7	1.2	.8	.9	1980	41.4	41.7	41.9	41.9	41.8	40.9	40.5	40.3	40.5	41.0	41.5	42.3	42.1
1981		.9	1.0	1.1										1981		41.5	41.4	41.4									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.5	.4	.3	.5	.4	.4	.5	.5	1.4	.9	.3	.3	.3	1977	3.1	2.6	2.7	2.9	3.2	3.1	3.2	3.3	3.2	3.2	3.0	3.0	3.2
1978	.6	.4	.3	.5	.6	.5	.5	.5	1.3	.9	.4	.3	.4	1978	3.3	3.2	3.3	3.1	3.3	3.3	3.3	3.4	3.4	3.5	3.4	3.6	3.3
1979	.6	.4	.3	.5	.4	.5	.6	.5	1.5	1.1	.4	.4	.4	1979	3.4	3.4	3.5	3.3	3.8	3.4	3.4	3.5	3.3	3.2	3.4	3.3	3.1
1980	.5	.5	.4	.5	.4	.5	.5	.4	1.1	.7	.4	.3	.3	1980	2.8	3.2	3.1	3.1	3.0	2.3	2.2	2.4	2.3	2.5	2.7	3.3	3.1
1981		.4	.4	.4										1981		3.2	3.0	3.0									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.2	.6	.2	(¹)	.3	.2	.1	.1	.2	.3	.3	.2	.2	1977	1.4	1.4	1.7	1.4	1.5	1.9	2.0	1.2	1.4	1.2	1.0	.9	.9
1978	.2	.2	.1	.2	.2	.3	.2	.3	.3	.3	.2	.1	.1	1978	1.3	1.5	1.2	1.2	1.2	1.6	2.1	1.3	1.1	1.1	1.1	.9	1.0
1979	.2	.2	.1	.1	.1	.2	.1	.2	.4	.2	.1	.1	.2	1979	1.3	1.2	1.0	1.0	1.3	2.0	2.4	1.1	1.2	1.0	1.1	1.0	.8
1980	.4	.2	.1	.2	.4	.5	.6	.4	.6	.6	.4	.2	.2	1980	1.1	1.0	.9	1.1	.9	1.2	1.3	1.0	1.4	1.4	1.3	.9	.8
1981		.1	.2	.2										1981		1.3	.9	1.3									
SIC 282—PLASTICS MATERIALS AND SYNTHETICS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	.9	.7	.7	.9	.8	1.4	1.6	.8	1.0	.8	.7	.5	.5
1977	214.5	210.8	212.3	212.9	215.2	216.1	217.6	217.6	217.5	213.9	212.9	212.8	213.8	1978	.9	1.0	.8	.7	.8	1.1	1.7	1.0	1.0	.9	.8	.7	.7
1978	214.1	214.0	214.9	214.6	213.0	215.1	216.5	216.2	215.6	213.0	211.8	212.3	212.1	1979	1.0	.9	.8	.8	1.0	1.6	2.0	.9	1.0	.8	.8	.7	.6
1979	212.2	211.3	210.1	209.3	210.5	211.0	214.9	215.1	213.9	212.4	212.4	212.4	212.6	1980	.7	.7	.7	.8	.7	.8	.9	.5	.4	.6	.6	.6	.5
1980	206.3	212.4	210.5	211.5	212.1	210.1	206.3	201.8	201.0	201.7	201.9	202.9	203.2	1981		.8	.5	.8									
1981		201.4	200.6	201.0																							
WOMEN EMPLOYEES—IN THOUSANDS														1977	.3	.6	.6	.4	.5	.3	.2	.2	.2	.3	.3	.2	.2
1977	42.9	41.2	41.9	42.3	43.3	43.4	43.8	44.1	44.1	43.2	42.7	42.2	42.3	1978	.2	.3	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1
1978	43.5	42.6	43.2	43.3	43.0	43.6	44.2	44.4	44.2	43.6	43.2	43.7	43.4	1979	.1	.2	.1	.1	.1	.2	.1	.1	(¹)	.1	.1	.2	.1
1979	44.6	43.4	43.4	43.2	43.8	44.1	45.4	45.5	45.6	45.3	45.2	45.1	45.0	1980	.3	.2	.1	.1	.1	.1	.2	.3	.7	.6	.5	.2	.3
1980	44.2	45.3	45.4	45.6	45.5	44.6	44.2	43.2	42.9	43.0	43.1	43.8	43.4	1981		.3	.3	.3									
1981		43.3	43.2	43.4																							
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	142.2	138.6	140.1	141.1	143.4	143.4	144.2	144.1	143.9	142.1	141.5	141.5	142.9	1977	1.3	1.6	1.1	1.2	.9	1.1	1.3	1.3	2.1	1.9	1.2	1.0	1.2
1978	145.0	143.3	145.2	144.8	143.5	145.6	147.1	147.2	146.6	144.5	143.5	144.0	144.1	1978	1.2	1.2	1.1	1.2	1.1	1.2	1.2	2.1	2.0	1.1	.7	.9	
1979	143.6	143.7	142.2	141.8	142.9	142.8	145.3	145.5	144.8	143.3	143.5	143.4	144.1	1979	1.2	1.1	1.1	.9	1.0	1.2	1.2	1.1	2.2	1.7	1.2	.9	.8
1980	137.4	143.7	142.1	143.0	143.3	141.4	136.9	132.2	132.2	132.6	132.6	134.1	134.7	1980	1.4	1.2	1.1	1.0	1.3	2.2	1.9	2.4	2.0	1.4	1.0	.8	1.1
1981		133.0	132.3	133.0										1981		1.5	.9	1.4									

See footnotes at end of tables.

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 282—PLASTICS MATERIALS AND SYNTHETICS (Con.)														SIC 2821—PLASTICS MATERIALS AND RESINS (Con.)													
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	0.5	0.5	0.4	0.4	0.4	0.6	0.6	0.5	1.1	1.0	0.4	0.3	0.3	1977	4.4	4.1	4.1	4.4	4.4	4.2	4.4	4.6	4.6	4.7	4.7	4.5	4.3
1978	.6	.4	.4	.5	.5	.5	.6	.6	1.4	1.0	.5	.3	.3	1978	4.6	4.1	4.7	4.3	4.5	4.5	4.5	4.6	4.7	4.7	4.8	5.0	4.6
1979	.6	.5	.5	.5	.5	.6	.7	.5	1.3	1.0	.6	.4	.3	1979	4.4	4.4	4.4	4.3	4.5	4.4	4.4	4.3	4.2	4.3	4.4	4.4	4.4
1980	.5	.5	.4	.4	.4	.4	.5	.4	1.0	.6	.4	.2	.2	1980	3.9	4.3	4.4	4.3	3.9	3.3	2.7	3.0	3.3	3.6	4.0	5.0	4.3
1981		.5	.3	.5										1981		4.7	4.6	4.5									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.3	.4	.4	.3	.1	.2	.2	.3	.4	.4	.4	.3	.4	1977	1.5	1.3	1.3	1.4	1.4	2.3	2.9	1.3	1.7	1.5	1.1	1.0	.8
1978	.2	.3	.3	.3	.1	.2	.2	.2	.2	.6	.2	.1	.1	1978	1.5	1.1	1.1	1.3	1.3	2.1	2.9	1.5	1.5	1.5	1.3	1.3	1.3
1979	.2	.1	.2	.1	.1	.1	.1	.2	.2	.3	.3	.2	.2	1979	1.7	1.9	1.2	1.3	1.7	2.6	3.2	1.6	1.8	1.4	1.4	1.2	1.1
1980	.5	.2	.2	.2	.4	1.3	.9	1.5	.6	.4	.3	.2	.5	1980	1.5	1.7	1.2	1.3	1.1	1.9	2.0	1.3	1.5	1.8	1.3	1.3	1.0
1981		.3	.2	.3										1981		1.6	1.0	1.6									
SIC 2821—PLASTICS MATERIALS AND RESINS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	1.2	.9	.9	1.0	1.1	1.9	2.4	1.1	1.4	1.1	.9	.7	.6
1977	82.6	81.9	81.6	81.4	81.8	82.4	83.8	83.7	83.6	82.6	82.5	82.6	83.2	1978	1.2	.9	.9	1.0	1.0	1.6	2.5	1.1	1.3	1.2	1.0	1.1	.9
1978	84.2	82.7	82.7	82.8	83.0	83.8	85.3	85.4	85.7	84.4	84.5	85.0	85.1	1979	1.5	1.4	1.0	1.1	1.5	2.2	2.7	1.4	1.7	1.3	1.2	1.0	1.9
1979	85.2	85.1	85.3	85.4	85.4	85.6	87.2	86.8	85.8	84.3	83.8	83.8	83.4	1980	1.0	1.3	1.0	1.1	.9	1.4	1.5	.8	.7	1.0	.9	1.0	.7
1980	81.4	83.0	82.8	82.9	82.9	82.4	81.4	80.2	80.0	80.3	80.0	80.3	80.4	1981		1.1	.7	1.1									
1981		79.4	79.2	79.4																							
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	9.1	8.5	8.6	8.7	8.9	9.1	9.4	9.5	9.5	9.3	9.4	9.4	9.4	1977	.2	.2	.3	.3	.1	.1	.2	.1	.1	.2	.1	.2	.1
1978	10.0	9.4	9.4	9.5	9.6	9.8	10.3	10.4	10.3	10.2	10.4	10.5	10.5	1978	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.3
1979	11.0	10.6	10.7	10.6	10.7	10.9	11.5	11.5	11.4	11.2	11.2	11.1	11.1	1979	.1	.3	.1	.1	.1	.1	.1	.1	(⁵)	(⁵)	.1	.1	.1
1980	11.3	11.1	11.1	11.2	11.3	11.2	11.3	11.4	11.2	11.3	11.3	11.5	11.5	1980	.3	.3	.1	.1	.1	.2	.3	.3	.6	.7	.3	.1	.2
1981		11.5	11.4	11.5										1981		.3	.2	.4									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	51.1	50.5	50.6	50.4	50.6	51.0	52.2	51.8	51.2	51.0	51.1	51.0	51.6	1977	1.5	1.8	1.2	1.1	.9	1.1	1.5	1.5	2.7	2.1	1.2	1.1	1.2
1978	52.0	51.0	51.2	51.2	51.4	51.8	52.8	52.9	53.0	51.8	51.9	52.3	52.5	1978	1.5	1.3	1.2	1.2	1.2	1.3	1.3	1.3	3.0	3.0	1.3	1.1	1.2
1979	52.1	52.5	52.7	52.8	53.0	52.6	53.4	53.1	52.5	51.0	50.7	50.7	50.7	1979	1.6	1.3	1.4	1.0	1.2	1.5	1.7	1.2	3.4	1.9	1.6	1.3	1.2
1980	48.5	50.4	50.4	50.5	50.1	49.8	48.3	47.1	47.2	46.9	46.6	47.0	47.1	1980	1.6	1.5	1.3	1.4	1.5	2.0	1.8	2.1	2.5	1.5	1.0	1.0	1.1
1981		46.0	46.1	46.3										1981		1.8	1.1	1.4									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	295.99	281.02	280.37	284.27	290.83	292.52	295.99	299.81	301.63	301.27	306.40	307.98	311.30	1977	.7	.5	.4	.4	.5	.6	.7	.6	1.6	1.3	.5	.4	.4
1978	326.37	305.15	309.40	312.77	318.86	318.94	327.93	326.04	331.80	334.61	337.65	344.42	344.08	1978	.7	.5	.3	.5	.5	.6	.7	.7	1.9	1.2	.6	.5	.5
1979	347.96	333.41	335.23	338.26	349.92	343.26	346.58	345.56	345.66	350.67	359.97	363.36	365.02	1979	.8	.6	.7	.6	.6	.8	.9	.6	2.1	1.2	.7	.6	.5
1980	375.58	362.95	368.93	369.36	365.87	373.57	362.44	363.78	368.81	377.80	388.94	406.08	403.30	1980	.6	.7	.6	.7	.6	.6	.6	.5	1.4	.8	.5	.4	.4
1981		409.40	408.67	409.88										1981		.6	.4	.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.82	6.49	6.49	6.52	6.64	6.74	6.82	6.94	6.95	6.99	7.06	7.08	7.14	1977	.2	.2	.4	.2	(⁵)	.1	.1	.3	.4	.1	.3	.4	.3
1978	7.52	7.18	7.28	7.24	7.33	7.40	7.47	7.60	7.61	7.71	7.78	7.81	7.82	1978	.3	.2	.4	.1	.1	.2	.1	.1	.3	1.1	.2	.2	.2
1979	8.13	7.79	7.76	7.83	8.10	8.02	8.06	8.15	8.23	8.29	8.45	8.47	8.43	1979	.2	.1	.1	(⁵)	.1	.1	.1	(⁵)	.3	.2	.4	.2	.3
1980	8.90	8.50	8.64	8.65	8.67	8.98	8.84	8.96	8.93	9.06	9.13	9.25	9.25	1980	.4	.1	.2	.2	.4	.8	.8	1.2	.5	.2	.1	.2	.3
1981		9.39	9.46	9.51										1981		.3	.3	.2									
SIC 2824—ORGANIC FIBERS, NONCELLULOSIC														ALL EMPLOYEES—IN THOUSANDS													
														1977	97.0	95.5	96.4	96.6	97.9	98.2	98.3	98.4	98.3	96.4	95.8	95.5	96.1
1977	43.4	43.3	43.2	43.6	43.8	43.4	43.4	43.2	43.4	43.1	43.4	43.5	43.6	1978	96.8	96.4	97.1	96.8	95.3	97.0	97.3	97.6	97.1	96.5	96.4	96.7	97.0
1978	43.4	42.5	42.5	43.2	43.5	43.1	43.9	42.9	43.6	43.4	43.4	44.1	44.0	1979	98.3	96.8	96.8	96.6	97.5	97.8	99.0	99.3	98.9	98.8	99.2	99.0	99.6
1979	42.8	42.8	43.2	43.2	43.2	42.8	43.0	42.4	42.0	42.3	42.6	42.9	43.3	1980	97.0	99.9	99.5	100.1	100.0	98.7	96.9	94.5	94.1	94.5	95.0	95.3	95.9
1980	42.2	42.7	42.7	42.7	42.2	41.6	41.0	40.6	41.3	41.7	42.6	43.9	43.6	1981		94.8	94.5	94.5									
1981		43.6	43.2	43.1																							

See footnotes at end of tables.

MANUFACTURING

SIC 283

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2824—ORGANIC FIBERS, NONCELLULOSIC (Con.)														SIC 2824—ORGANIC FIBERS, NONCELLULOSIC (Con.)													
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	26.0	25.5	26.0	26.1	26.7	26.5	26.5	26.7	26.6	26.1	25.6	25.1	25.1	1977	0.2	0.7	0.4	0.2	0.7	0.3	0.2	0.1	0.1	(⁵)	0.1	0.1	0.1
1978	26.0	25.3	25.9	25.9	25.5	25.9	26.1	26.3	26.4	26.2	26.0	26.4	26.4	1978	.1	.2	.2	.1	.1	.2	.2	(⁵)	(⁵)	.1	.1	(⁵)	
1979	27.0	26.4	26.5	26.6	27.0	26.8	27.4	27.4	27.3	27.3	27.2	27.2	27.2	1979	.1	.1	(⁵)	(⁵)	(⁵)	.2	.1	(⁵)	(⁵)	.1	.1	(⁵)	
1980	26.0	27.3	27.2	27.2	26.9	26.1	25.8	24.9	24.9	25.0	25.2	25.5	25.4	1980	.2	.1	(⁵)	.1	.1	(⁵)	(⁵)	.2	.7	.6	.4	.2	
1981		25.2	25.3	25.0										1981		.1	(⁵)	.1									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	67.4	65.8	66.1	66.6	67.9	68.3	68.5	68.7	68.8	67.6	66.9	66.6	67.3	1977	1.0	1.4	.9	1.0	.8	.9	.9	.8	1.3	1.5	.9	.7	.8
1978	69.0	67.8	69.2	68.6	67.1	69.0	69.5	70.0	69.6	69.2	69.0	69.3	69.6	1978	.9	.7	.7	.8	.9	.8	1.0	1.0	1.5	1.3	.8	.4	.7
1979	70.8	69.7	69.8	69.8	70.4	70.6	71.3	71.4	71.1	71.0	71.5	71.1	71.8	1979	.8	.7	.7	.6	.7	1.0	.8	.8	1.1	1.3	.9	.5	.5
1980	68.8	71.8	71.6	72.1	71.9	70.5	68.4	65.6	65.7	66.3	66.6	67.1	67.8	1980	1.1	.8	.8	.7	1.0	2.4	1.3	2.3	1.7	1.1	.8	.3	.6
1981		67.0	66.6	66.7										1981		1.2	.6	1.4									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	237.86	227.60	227.03	228.34	233.13	234.77	237.97	239.03	238.10	243.79	240.76	246.22	255.97	1977	.4	.5	.3	.3	.4	.5	.5	.4	.7	.8	.3	.3	.3
1978	268.36	258.96	258.55	260.00	262.91	269.42	267.30	269.00	271.47	275.70	273.19	274.03	277.20	1978	.5	.3	.4	.4	.5	.4	.5	.5	1.0	.8	.3	.2	.2
1979	291.90	277.79	280.80	280.54	300.40	288.15	288.56	293.02	290.50	290.69	297.88	302.73	306.77	1979	.4	.4	.3	.3	.3	.5	.4	.3	.7	.8	.4	.3	.2
1980	315.79	305.93	313.12	312.16	319.49	309.46	306.46	310.82	310.04	315.52	319.43	327.51	337.83	1980	.3	.3	.2	.2	.3	.3	.3	.2	.7	.4	.3	.1	.1
1981		328.42	329.64	331.67										1981		.4	.2	.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.83	5.69	5.69	5.68	5.70	5.74	5.79	5.83	5.85	5.99	5.93	6.02	6.08	1977	.2	.5	.2	.3	(⁵)	(⁵)	(⁵)	.1	.1	.4	.3	.1	.1
1978	6.42	6.24	6.23	6.22	6.32	6.43	6.41	6.42	6.51	6.58	6.52	6.54	6.60	1978	.1	(⁵)	(⁵)	.1	(⁵)	.1	.1	.2	.1	.2	.1	(⁵)	(⁵)
1979	7.00	6.71	6.75	6.76	6.89	6.91	6.92	6.96	7.00	7.09	7.23	7.33	7.41	1979	.1	(⁵)	.1	.1	.1	.1	(⁵)	.1	(⁵)	.1	.2	.1	(⁵)
1980	7.74	7.48	7.60	7.54	7.68	7.66	7.70	7.79	7.81	7.81	7.93	8.18		1980	.5	.1	.2	.1	.3	1.7	.5	1.7	.8	.3	.3	(⁵)	.1
1981		8.19	8.20	8.23										1981		.2	(⁵)	.3									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 283—DRUGS													
1977	40.8	40.0	39.9	40.2	40.9	40.9	41.1	41.0	40.7	40.7	40.6	40.9	42.1	ALL EMPLOYEES—IN THOUSANDS													
1978	41.8	41.5	41.5	41.8	41.6	41.9	41.7	41.9	41.7	41.9	41.9	41.9	42.0	1977	181.0	176.1	177.2	178.7	179.1	180.4	182.6	182.8	182.9	182.5	183.1	183.5	183.2
1979	41.7	41.4	41.6	41.5	43.6	41.7	41.7	42.1	41.5	41.0	41.2	41.3	41.4	1978	187.2	182.9	183.3	183.9	184.3	186.0	188.9	188.8	189.9	188.4	188.9	190.3	190.6
1980	40.8	40.9	41.2	41.4	41.6	40.4	39.8	39.9	39.8	40.4	40.9	41.3	41.3	1979	192.5	190.0	189.6	190.2	191.6	192.4	195.4	194.9	193.9	192.5	192.8	193.4	193.3
1981		40.1	40.2	40.3										1980	196.6	194.0	193.7	195.3	195.7	196.8	199.2	198.9	197.5	196.6	196.8	197.4	197.4
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		198.1	199.2	199.3									
1977	2.2	1.6	1.7	1.9	2.5	2.6	2.5	2.5	2.3	2.2	1.8	2.0	2.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	2.4	2.5	2.5	2.2	2.5	2.5	2.5	2.6	2.5	2.6	2.2	2.2	2.2	1977	72.2	69.4	70.7	71.6	71.8	72.2	72.8	72.6	73.0	72.7	73.0	73.3	72.9
1979	2.6	2.3	2.7	2.4	3.2	2.7	2.6	3.0	2.7	2.4	2.5	2.3	2.2	1978	74.8	72.3	72.6	73.4	73.2	74.1	75.3	75.5	75.4	75.3	76.3	76.9	77.5
1980	1.8	2.2	2.1	2.1	2.2	1.4	1.5	1.7	1.2	1.5	1.7	1.9	2.0	1979	79.1	77.8	77.5	77.5	78.6	79.0	80.5	80.0	79.7	79.1	79.2	79.9	79.9
1981		2.0	1.7	1.8										1980	82.2	80.2	80.6	80.8	81.3	81.7	82.7	83.2	82.8	82.5	83.0	83.4	83.6
ACCESSIONS PER 100 EMPLOYEES														1981		84.3	84.8	85.1									
1977	1.0	1.3	1.7	1.0	1.4	1.3	1.3	.8	.8	.6	.7	.5	.5	PRODUCTION WORKERS—IN THOUSANDS													
1978	.9	1.4	1.1	.7	.8	1.0	1.4	1.1	.6	.8	.7	.6	.6	1977	90.0	88.2	89.1	90.2	90.3	91.5	91.9	90.8	89.9	89.3	89.5	90.0	89.8
1979	.7	.6	.6	.6	.7	1.5	1.6	.4	.5	.5	.6	.6	.5	1978	90.4	89.3	89.1	88.9	89.2	90.9	92.3	91.0	90.5	89.3	90.4	91.2	92.1
1980	.6	.4	.5	.8	.5	.4	.6	.5	1.0	1.0	.9	.5	.6	1979	95.5	93.5	94.2	93.9	94.6	95.3	97.3	96.6	95.6	95.8	95.7	96.4	97.2
1981		1.0	.4	.9										1980	96.8	97.9	97.8	97.2	96.8	97.1	97.9	97.0	95.6	95.3	96.0	96.5	96.9
NEW HIRES PER 100 EMPLOYEES														1981		97.7	98.7	98.6									
1977	.5	.5	.4	.7	.6	.9	1.0	.5	.5	.4	.5	.3	.3	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	.6	1.0	.8	.4	.6	.6	1.0	.8	.5	.6	.5	.4	.5	1977	245.59	239.32	243.67	241.90	241.31	239.57	241.26	239.57	242.79	247.83	251.74	254.61	261.24
1979	.5	.4	.5	.5	.5	1.0	1.3	.3	.4	.3	.4	.4	.4	1978	264.73	256.66	259.72	262.86	261.87	261.94	262.89	260.94	264.50	269.61	270.17	270.58	278.10
1980	.3	.2	.4	.6	.3	.3	.5	.2	.1	.2	.4	.2	.3	1979	284.82	275.47	275.37	279.04	271.62	272.96	276.21	281.39	285.36	293.82	295.92	300.96	308.17
1981		.5	.3	.4										1980	315.70	308.67	305.18	307.91	309.14	312.48	316.77	308.77	315.06	319.87	322.26	328.27	334.46
														1981		330.37	329.65	331.71									

See footnotes at end of tables.

SIC 283

MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 283—DRUGS (Con.)														SIC 283—DRUGS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.99	5.88	5.90	5.90	5.90	5.93	5.87	5.93	5.98	6.03	6.14	6.21	6.22	1977	0.3	0.2	0.2	0.3	0.3	0.3	0.5	0.3	0.4	0.5	0.2	0.2	0.4
1978	6.41	6.26	6.35	6.38	6.31	6.42	6.35	6.38	6.42	6.45	6.51	6.52	6.59	1978	.3	.4	.3	.2	.2	.1	.3	.3	.6	.2	.2	.2	.2
1979	6.93	6.67	6.70	6.74	6.74	6.79	6.82	6.88	6.96	7.08	7.20	7.20	7.32	1979	.3	.4	.3	.3	.2	.1	.3	.3	.4	.4	.3	.2	.2
1980	7.70	7.42	7.48	7.51	7.54	7.64	7.67	7.70	7.76	7.84	7.86	7.91	8.04	1980	.3	.2	.3	.2	.2	.3	.3	.4	.4	.3	.1	.4	.2
1981		7.98	8.06	8.15										1981		.2	.1	.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2834—PHARMACEUTICAL PREPARATIONS													
1977	41.0	40.7	41.3	41.0	40.9	40.4	41.1	40.4	40.6	41.1	41.0	41.0	42.0	ALL EMPLOYEES—IN THOUSANDS													
1978	41.3	41.0	40.9	41.2	41.5	40.8	41.4	40.9	41.2	41.8	41.5	41.5	42.2	1977	144.6	140.8	141.6	142.9	143.3	144.2	145.7	145.3	145.8	145.8	146.3	146.9	146.5
1979	41.1	41.3	41.1	41.4	40.3	40.2	40.5	40.9	41.0	41.5	41.1	41.8	42.1	1978	149.7	146.3	146.7	147.2	147.4	148.6	150.8	150.6	152.0	150.7	150.9	152.2	152.5
1980	41.0	41.6	40.8	41.0	41.0	40.9	41.3	40.1	40.6	40.8	41.0	41.5	41.6	1979	153.0	151.7	151.4	151.7	152.7	153.0	155.5	154.5	153.6	152.4	152.6	153.2	153.1
1981		41.4	40.9	40.7										1980	155.0	153.3	152.9	154.3	154.5	154.7	156.5	156.4	155.4	155.0	155.0	155.6	155.8
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		156.4	157.5	157.4									
1977	2.9	3.0	3.2	3.1	2.9	2.8	2.8	2.7	2.8	2.8	2.9	2.9	3.0	WOMEN EMPLOYEES—IN THOUSANDS													
1978	2.9	2.9	3.2	3.2	2.8	2.8	2.7	2.5	2.6	2.9	2.9	3.0	3.2	1977	61.7	59.1	60.3	61.2	61.5	61.9	62.3	62.1	62.4	62.2	62.4	62.7	62.3
1979	2.7	2.9	2.7	3.0	2.2	2.3	2.4	2.4	2.4	2.9	2.9	2.9	3.2	1978	63.7	61.6	61.9	62.6	62.3	63.1	64.2	64.3	64.3	64.0	64.8	65.4	66.0
1980	3.0	3.1	2.8	3.1	3.2	2.9	3.0	2.6	2.9	3.0	3.0	3.0	3.4	1979	67.1	66.3	66.0	66.0	67.0	67.1	68.4	67.5	67.3	67.0	67.0	67.6	67.7
1981		3.1	3.1	3.0										1980	69.1	67.9	68.2	68.3	68.5	68.6	69.4	69.7	69.5	69.4	69.7	70.1	70.3
ACCESSIONS PER 100 EMPLOYEES														1981		70.9	71.4	71.4									
1977	1.7	1.6	1.5	1.6	1.5	2.3	2.7	1.7	1.8	2.0	1.4	1.5	.9	PRODUCTION WORKERS—IN THOUSANDS													
1978	1.7	1.5	1.5	1.6	1.6	1.1	2.8	1.5	1.8	2.4	1.9	1.2	1.0	1977	69.6	68.9	69.5	70.6	70.4	71.0	70.6	69.3	68.8	68.6	68.9	69.4	69.3
1979	1.6	1.8	1.5	1.6	1.6	2.1	2.5	1.7	1.4	1.6	1.7	1.2	1.0	1978	69.3	68.9	68.8	68.5	68.6	69.8	70.5	69.3	69.1	68.3	69.2	70.0	71.0
1980	1.6	1.5	1.5	1.5	1.7	2.1	2.1	1.5	1.3	1.6	1.5	1.2	1.1	1979	73.0	72.0	72.4	71.8	72.2	72.6	74.3	73.7	73.1	73.0	73.0	73.7	74.3
1981		1.9	1.4	1.5										1980	73.9	74.7	74.7	74.1	73.7	73.6	74.4	73.7	72.7	72.9	73.6	74.0	74.5
NEW HIRES PER 100 EMPLOYEES														1981		75.4	76.3	76.3									
1977	1.4	1.3	1.2	1.4	1.2	1.8	2.1	1.4	1.5	1.8	1.2	1.2	.7	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	1.3	1.1	1.2	1.3	1.2	.9	2.2	1.3	1.4	1.6	1.7	1.0	.8	1977	235.35	228.34	234.68	231.42	229.88	229.25	232.30	230.08	231.26	237.01	241.20	246.04	251.93
1979	1.3	1.4	1.2	1.3	1.2	1.7	2.1	1.3	1.2	1.4	1.4	1.0	.8	1978	256.00	244.80	248.80	253.58	253.78	253.34	256.00	253.03	255.37	260.35	262.03	261.35	269.38
1980	1.2	1.1	1.1	1.2	1.4	1.6	1.6	1.1	1.1	1.3	1.2	.9	1.0	1979	272.97	266.50	265.12	269.78	260.69	264.27	266.53	272.30	273.36	281.52	281.07	285.77	293.41
1981		1.6	1.1	1.3										1980	298.96	292.63	288.23	291.20	292.09	294.67	300.03	290.82	298.50	302.30	304.67	312.12	316.11
RECALLS PER 100 EMPLOYEES														1981		311.48	311.18	314.31									
1977	.2	.2	.2	.1	.2	.3	.4	.2	.2	.1	.1	.3	.1	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.2	.3	.2	.2	.3	.1	.3	.1	.3	.3	.1	.1	.1	1977	5.84	5.68	5.71	5.70	5.69	5.76	5.75	5.81	5.84	5.94	6.03	6.09	6.10
1979	.2	.3	.2	.2	.3	.2	.2	.3	.1	.1	.2	.1	.1	1978	6.29	6.12	6.22	6.20	6.22	6.24	6.29	6.31	6.29	6.35	6.36	6.39	6.46
1980	.2	.1	.1	.2	.1	.3	.2	.2	.2	.2	.2	.1	.1	1979	6.74	6.50	6.53	6.58	6.55	6.64	6.68	6.74	6.80	6.90	6.94	6.97	7.07
1981		.2	.2	.1										1980	7.40	7.12	7.17	7.19	7.23	7.33	7.39	7.40	7.50	7.52	7.56	7.65	7.71
SEPARATIONS PER 100 EMPLOYEES														1981		7.71	7.76	7.78									
1977	1.6	1.4	1.3	1.4	1.4	1.4	1.8	1.5	2.4	2.5	1.1	1.0	1.2	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	1.5	1.5	1.1	1.3	1.3	.6	1.6	1.4	3.3	2.2	1.4	1.1	1.2	1977	40.3	40.2	41.1	40.6	40.4	39.8	40.4	39.6	39.6	39.9	40.0	40.4	41.3
1979	1.5	1.6	1.2	1.4	1.5	1.2	1.9	1.4	2.6	1.9	1.5	.9	.9	1978	40.7	40.0	40.0	40.9	40.8	40.6	40.7	40.1	40.6	41.0	41.2	40.9	41.7
1980	1.5	1.5	1.6	1.2	1.3	1.4	1.4	1.5	2.5	1.8	1.1	1.2	1.1	1979	40.5	41.0	40.6	41.0	39.8	39.8	39.9	40.4	40.2	40.8	40.5	41.0	41.5
1981		1.5	.9	1.5										1980	40.4	41.1	40.2	40.5	40.4	40.2	40.6	39.3	39.8	40.2	40.3	40.8	41.0
QUITS PER 100 EMPLOYEES														1981		40.4	40.1	40.4									
1977	.8	.7	.6	.7	.7	.7	.7	.7	1.5	1.5	.6	.5	.5	PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1978	.8	.6	.5	.6	.6	.3	.8	.7	1.8	1.3	.8	.5	.5	1977	2.8	2.9	3.1	2.9	2.8	2.7	2.8	2.6	2.7	2.6	2.7	2.7	2.9
1979	.7	.7	.5	.6	.6	.6	1.0	.7	1.6	1.0	.7	.4	.4	1978	2.8	2.6	3.1	3.1	2.8	2.7	2.7	2.5	2.5	2.8	2.9	2.9	3.2
1980	.7	.7	.5	.7	.6	.6	.6	.7	1.5	1.0	.6	.5	.5	1979	2.6	2.8	2.5	3.0	1.9	2.1	2.4	2.4	2.3	2.9	2.8	2.9	3.2
1981		.8	.4	.6										1980	3.0	2.9	2.6	3.1	3.1	2.9	3.1	2.6	3.0	3.0	3.1	3.1	3.5
														1981		3.0	3.0	3.0									

See footnotes at end of tables.

MANUFACTURING

SIC 284

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 2834—PHARMACEUTICAL PREPARATIONS (Con.)														SIC 284—SOAP, CLEANERS, AND TOILET GOODS (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	1.8	1.7	1.6	1.7	1.6	2.2	2.8	1.8	1.9	2.0	1.5	1.7	1.0	1977	78.1	76.6	76.9	76.6	75.8	75.8	77.6	77.8	79.4	81.5	81.2	79.8	78.2
1978	1.7	1.6	1.5	1.7	1.7	.7	3.0	1.6	2.0	2.6	2.1	1.3	1.1	1978	83.1	78.5	78.7	80.8	81.3	82.0	83.2	83.2	85.4	87.0	86.6	86.1	84.7
1979	1.7	1.9	1.6	1.7	1.7	2.0	2.6	1.7	1.5	1.7	1.9	1.3	1.1	1979	84.3	82.8	82.5	83.3	81.5	83.8	85.7	84.4	84.6	85.8	86.1	85.7	85.6
1980	1.6	1.6	1.5	1.5	1.8	2.0	2.1	1.6	1.4	1.7	1.6	1.2	1.0	1980	84.5	82.7	83.4	83.3	83.5	83.1	84.5	83.9	85.4	86.8	86.3	85.5	86.0
1981		1.7	1.5	1.5										1981		85.9	86.9	87.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.5	1.4	1.3	1.5	1.3	1.7	2.1	1.5	1.6	1.8	1.3	1.3	.8	1977	249.49	237.80	244.17	242.19	241.40	244.42	249.70	247.66	251.52	255.23	253.78	261.17	263.04
1978	1.4	1.2	1.2	1.4	1.3	.6	2.4	1.4	1.6	1.8	1.9	1.1	.9	1978	271.21	258.80	259.89	269.62	271.42	269.58	271.35	267.47	270.95	274.29	272.43	276.49	288.11
1979	1.4	1.5	1.3	1.4	1.3	1.7	2.2	1.3	1.3	1.5	1.6	1.1	.9	1979	290.79	281.80	279.60	284.82	273.93	288.46	292.23	289.04	296.74	296.43	294.44	304.55	303.40
1980	1.2	1.2	1.2	1.2	1.4	1.5	1.7	1.2	1.1	1.4	1.2	.9	.8	1980	309.06	299.77	292.93	299.83	299.95	306.99	307.04	307.23	308.33	316.93	316.27	324.75	330.86
1981		1.4	1.2	1.3										1981		322.78	324.81	330.88									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.2	.2	.2	.1	.2	.4	.4	.2	.2	.1	.1	.3	.1	1977	6.13	5.96	5.97	5.98	6.02	6.08	6.12	6.10	6.09	6.21	6.22	6.37	6.40
1978	.2	.3	.2	.2	.3	.1	.3	.1	.3	.3	.1	.1	.1	1978	6.68	6.47	6.53	6.56	6.62	6.64	6.70	6.67	6.69	6.69	6.76	6.81	7.01
1979	.2	.3	.2	.2	.3	.2	.2	.3	.1	.1	.2	.1	.1	1979	7.18	7.01	6.99	7.05	7.06	7.14	7.18	7.19	7.22	7.23	7.27	7.41	7.40
1980	.2	.1	.1	.2	.1	.3	.2	.2	.2	.2	.2	.1	.1	1980	7.65	7.42	7.36	7.44	7.48	7.58	7.60	7.70	7.67	7.73	7.79	7.94	8.05
1981		.2	.2	.1										1981		8.11	8.10	8.09									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.6	1.5	1.4	1.5	1.5	1.5	2.0	1.6	2.5	2.5	1.2	1.1	1.3	1977	40.7	39.9	40.9	40.5	40.1	40.2	40.8	40.6	41.3	41.1	40.8	41.0	41.1
1978	1.6	1.7	1.2	1.4	1.4	.5	1.7	1.5	3.4	2.4	1.5	1.2	1.2	1978	40.6	40.0	39.8	41.1	41.0	40.6	40.5	40.1	40.5	41.0	40.3	40.6	41.1
1979	1.6	1.8	1.4	1.5	1.6	1.2	2.1	1.4	2.5	2.0	1.6	1.0	.9	1979	40.5	40.2	40.0	40.4	38.8	40.4	40.7	40.2	41.1	41.0	40.5	41.1	41.0
1980	1.5	1.7	1.8	1.3	1.4	1.4	1.4	1.5	2.4	1.9	1.1	1.3	1.0	1980	40.4	40.4	39.8	40.3	40.1	40.5	40.4	39.9	40.2	41.0	40.6	40.9	41.1
1981		1.4	1.0	1.6										1981		39.8	40.1	40.9									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.7	.6	.7	.7	.7	.8	.8	1.4	1.4	.6	.6	.5	1977	2.9	2.8	2.9	2.8	2.4	2.5	3.0	2.7	3.0	3.5	3.1	3.0	3.1
1978	.8	.7	.5	.7	.7	.3	.9	.8	1.7	1.4	.9	.6	.6	1978	3.2	3.0	3.6	3.6	3.1	3.0	2.9	2.9	3.3	3.8	3.3	3.1	3.3
1979	.8	.8	.6	.7	.7	.7	1.1	.7	1.5	1.1	.8	.5	.4	1979	3.0	3.1	2.9	3.2	2.4	3.0	2.9	2.8	3.1	3.4	3.0	3.1	2.8
1980	.7	.7	.6	.7	.7	.6	.6	.7	1.4	1.1	.6	.5	.4	1980	2.8	2.8	2.6	2.9	2.6	2.4	2.5	2.6	2.8	3.3	3.0	2.9	2.9
1981		.7	.5	.6										1981		2.8	2.7	2.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.4	.2	.3	.3	.3	.3	.6	.3	.5	.6	.2	.2	.4	1977	2.7	2.9	2.4	1.9	2.0	2.7	3.7	3.6	4.0	2.9	2.3	2.1	1.7
1978	.3	.5	.4	.3	.2	.1	.4	.3	.7	.3	.2	.2	.3	1978	2.8	3.0	2.6	2.4	2.1	3.4	3.7	3.6	3.5	2.7	2.6	2.6	1.5
1979	.3	.4	.3	.4	.2	.1	.4	.3	.5	.5	.3	.2	.2	1979	2.8	2.1	2.3	2.2	3.0	3.7	4.2	3.8	3.7	2.8	2.3	1.8	1.6
1980	.3	.2	.4	.2	.3	.3	.3	.4	.5	.3	.1	.4	.2	1980	2.4	2.1	2.4	2.7	2.4	2.6	3.2	3.0	2.5	2.7	2.0	1.7	1.3
1981		.2	.1	.5										1981		2.7	2.4	2.2									
SIC 284—SOAP, CLEANERS, AND TOILET GOODS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	129.9	127.6	128.2	127.9	127.3	127.3	129.5	130.5	131.9	133.9	133.2	131.5	129.9	1977	1.8	1.4	1.4	1.2	1.2	1.8	2.8	2.5	2.6	2.4	1.8	1.3	1.1
1978	136.2	130.3	131.0	133.0	133.6	134.7	136.4	136.4	139.4	140.8	140.6	140.0	138.6	1978	2.0	1.7	1.9	1.6	1.4	2.5	2.7	2.7	2.8	2.1	1.9	1.7	1.2
1979	139.5	136.9	136.5	137.7	136.6	139.1	141.4	140.4	140.6	141.5	142.3	140.3	140.1	1979	2.0	1.7	1.3	1.4	2.0	2.6	3.3	3.0	3.0	2.1	1.9	1.2	1.1
1980	139.1	137.6	138.1	138.1	138.5	137.6	139.5	139.0	139.8	141.3	140.8	139.2	140.2	1980	1.7	1.4	1.7	1.9	1.7	1.8	2.2	2.2	1.9	2.1	1.3	1.1	.9
1981		139.5	140.5	140.7										1981		1.6	1.6	1.5									
WOMEN EMPLOYEES—IN THOUSANDS																											
1977	50.1	48.9	49.1	49.2	48.8	48.6	49.4	50.3	50.8	52.6	52.2	51.0	50.5	1977	.7	1.2	.9	.5	.6	.7	.6	.9	1.1	.4	.4	.6	.5
1978	54.5	50.2	50.8	52.7	53.1	53.6	54.6	55.0	56.6	57.8	57.7	56.8	55.0	1978	.6	.9	.7	.6	.5	.8	.8	.9	.5	.4	.5	.6	.2
1979	55.9	53.8	53.9	55.0	54.0	55.4	56.6	56.4	56.5	57.2	57.9	57.7	56.9	1979	.6	.3	.8	.6	.9	1.0	.7	.6	.5	.6	.3	.6	.3
1980	56.5	55.0	56.1	55.4	55.3	55.2	56.4	56.2	57.1	58.4	58.0	57.2	57.3	1980	.5	.5	.6	.7	.6	.6	.8	.6	.5	.5	.4	.5	.3
1981		56.2	57.3	57.7										1981		.9	.7	.5									

See footnotes at end of tables.

SIC 284
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 284—SOAP, CLEANERS, AND TOILET GOODS (Con.)														SIC 2841—SOAP AND OTHER DETERGENTS (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.5	2.5	2.1	2.2	2.0	2.3	2.3	2.1	3.2	3.6	3.1	2.4	2.0	1977	43.1	42.7	44.0	43.1	42.6	42.6	43.1	43.4	43.7	42.9	42.4	43.4	43.5
1978	2.6	2.7	2.0	2.2	2.1	1.9	2.2	2.1	3.8	3.6	3.2	2.6	2.9	1978	43.4	43.1	42.9	43.2	43.7	43.0	43.2	43.0	44.3	44.0	43.7	43.2	43.5
1979	2.8	2.5	2.2	2.5	2.5	2.5	2.4	2.4	4.5	3.6	3.2	2.6	2.5	1979	43.1	43.8	42.8	43.1	40.8	43.2	43.7	43.1	44.3	44.0	42.7	43.3	42.9
1980	2.5	2.3	2.5	2.1	2.7	2.5	2.0	2.1	3.7	3.2	2.9	2.1	2.3	1980	42.4	42.6	42.0	42.6	41.5	42.4	43.0	43.2	42.4	42.3	41.7	42.5	42.5
1981		2.2	2.3	2.0										1981		41.7	41.9	42.5									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.9	.9	.6	.7	.8	.8	1.0	.9	1.5	1.7	1.0	.7	.7	1977	4.8	4.7	5.1	4.6	4.3	4.0	4.8	4.7	5.3	5.3	4.7	4.8	4.8
1978	1.1	.8	.6	.8	.9	.9	1.0	1.0	2.2	1.9	1.0	.8	.7	1978	5.1	4.9	5.6	5.3	4.6	4.2	4.7	4.9	5.8	5.8	5.4	5.0	5.5
1979	1.3	.9	.8	1.0	1.0	1.2	1.2	1.4	2.8	2.0	1.3	.7	.7	1979	4.9	5.5	4.9	4.9	4.0	4.6	5.1	5.1	5.2	4.5	4.8	4.6	4.6
1980	1.0	1.0	.9	1.0	.8	1.0	.8	.8	1.9	1.7	1.1	.6	.6	1980	4.2	4.4	3.9	4.3	3.8	3.9	4.3	4.3	4.6	4.3	4.1	4.1	4.0
1981		1.0	.7	.8										1981		3.9	3.8	3.8									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.8	.8	.6	.8	.5	.9	.4	.5	.8	.9	1.4	1.2	.8	1977	1.8	1.5	1.6	1.3	1.9	2.3	2.8	2.5	2.5	1.5	1.5	1.3	1.0
1978	.9	1.3	.7	.7	.7	.4	.5	.4	.4	.9	1.5	1.3	1.7	1978	2.0	1.2	1.6	2.1	1.5	2.8	3.3	2.6	2.3	1.8	2.5	1.4	1.0
1979	.8	.9	.7	.9	.7	.7	.5	.4	.6	.7	1.1	1.3	1.2	1979	1.8	1.3	1.4	1.5	1.9	3.0	3.3	2.0	2.0	1.5	.9	1.5	1.5
1980	.8	.6	.8	.5	1.1	.9	.5	.7	1.0	.8	1.0	1.0	1.0	1980	1.7	1.2	1.6	2.1	1.8	1.8	3.0	1.8	1.6	2.0	1.5	1.4	.9
1981		.5	1.0	.6										1981		2.0	2.2	1.5									
NEW HIRES PER 100 EMPLOYEES														RECALLS PER 100 EMPLOYEES													
1977	40.0	40.1	40.1	39.5	39.1	38.9	39.7	40.0	40.4	40.7	40.5	40.7	39.8	1977	1.1	.8	.8	.9	.7	1.3	2.2	1.4	1.6	1.3	1.2	.7	.5
1978	40.8	40.1	39.8	40.6	40.4	40.4	40.4	40.3	41.0	41.4	41.5	41.9	42.0	1978	1.3	.7	.7	1.2	.8	1.9	2.2	1.9	1.9	1.6	1.5	.9	.9
1979	41.7	41.9	41.3	41.2	40.6	41.6	41.9	41.7	41.7	42.0	42.1	41.9	41.9	1979	1.1	.8	.8	.9	1.0	1.4	1.9	1.1	1.5	1.0	.7	.9	.6
1980	41.9	41.6	41.1	41.4	42.0	42.1	42.4	41.7	42.0	42.2	42.1	41.8	42.3	1980	.9	.9	.9	1.0	.8	1.1	1.4	.9	.9	1.3	.8	.7	.6
1981		42.2	41.7	41.2										1981		.7	1.0	1.1									
WOMEN EMPLOYEES—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	8.6	8.5	8.5	8.4	8.2	8.2	8.4	8.6	8.8	8.8	8.8	8.8	8.6	1977	1.7	2.2	1.7	1.5	1.5	1.6	1.4	1.5	2.0	2.2	1.8	1.7	1.0
1978	9.2	8.7	8.6	9.0	9.0	8.9	9.2	9.2	9.4	9.6	9.5	9.4	9.3	1978	1.9	2.8	1.8	1.6	2.4	1.5	1.3	1.4	2.2	2.4	2.8	1.7	1.3
1979	9.2	9.4	9.1	9.2	8.7	9.0	9.4	9.4	9.3	9.4	9.3	9.4	9.1	1979	2.0	2.1	2.1	2.5	2.1	2.0	1.9	1.2	2.6	1.4	2.0	2.3	1.6
1980	9.4	9.1	9.0	8.9	9.4	9.5	9.8	9.5	9.5	9.7	9.6	9.4	9.5	1980	2.1	2.1	2.3	1.4	2.2	1.9	1.4	1.6	2.9	2.7	2.6	1.4	2.1
1981		9.8	9.5	9.3										1981		1.7	1.3	1.9									
PRODUCTION WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	25.1	25.4	25.1	24.7	24.4	24.2	24.7	24.5	25.3	25.9	26.0	26.1	25.4	1977	.6	.6	.3	.4	.4	.4	.6	.4	1.2	1.1	.6	.4	.3
1978	26.2	25.6	25.4	26.3	26.0	25.9	26.0	25.7	25.9	26.4	26.7	27.4	27.3	1978	.6	.4	.3	.4	.5	.5	.5	.7	1.0	1.2	.6	.6	.4
1979	26.9	27.2	26.7	26.7	26.0	26.8	27.4	26.7	26.8	27.1	27.3	27.3	27.3	1979	.6	.5	.4	.6	.5	.6	.7	.7	1.1	.7	.5	.4	.3
1980	26.9	26.8	26.4	26.4	27.1	27.1	27.2	26.1	27.0	27.2	27.2	27.2	27.5	1980	.5	.6	.4	.6	.3	.5	.4	.3	.6	.7	.5	.3	.4
1981		27.8	27.4	26.9										1981		.7	.4	.5									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	337.04	320.25	332.20	325.41	325.46	328.02	334.89	340.26	344.36	345.35	343.02	350.67	354.09	1977	.5	.9	.5	.4	.4	.6	.1	.6	.2	.5	.7	.7	.2
1978	371.07	354.28	353.93	360.72	371.45	362.49	369.79	372.38	384.08	379.28	378.88	375.84	389.76	1978	.7	1.7	.5	.6	1.4	.4	.3	.2	.2	.6	1.7	.8	.4
1979	402.55	392.89	383.49	390.49	372.50	398.30	408.16	407.73	421.74	413.60	401.81	422.61	419.99	1979	.9	1.1	1.0	1.3	1.1	1.0	.6	.1	.5	.1	1.1	1.4	1.1
1980	422.73	414.07	405.30	415.78	403.38	415.52	425.27	435.89	426.97	427.23	423.67	438.18	441.58	1980	1.0	.8	1.1	.3	1.5	.8	.5	.6	1.6	1.4	1.6	.8	1.3
1981		432.43	434.92	445.83										1981		.5	.6	1.0									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS																											
1977	7.82	7.50	7.55	7.55	7.64	7.70	7.77	7.84	7.88	8.05	8.09	8.08	8.14	1977	.5	.9	.5	.4	.4	.6	.1	.6	.2	.5	.7	.7	.2
1978	8.55	8.22	8.25	8.35	8.50	8.43	8.56	8.66	8.67	8.62	8.67	8.70	8.96	1978	.7	1.7	.5	.6	1.4	.4	.3	.2	.2	.6	1.7	.8	.4
1979	9.34	8.97	8.96	9.06	9.13	9.22	9.34	9.46	9.52	9.40	9.41	9.76	9.79	1979	.9	1.1	1.0	1.3	1.1	1.0	.6	.1	.5	.1	1.1	1.4	1.1
1980	9.97	9.72	9.65	9.76	9.72	9.80	9.89	10.09	10.07	10.10	10.16	10.31	10.39	1980	1.0	.8	1.1	.3	1.5	.8	.5	.6	1.6	1.4	1.6	.8	1.3
1981		10.37	10.38	10.49										1981		.5	.6	1.0									

See footnotes at end of tables.

MANUFACTURING

SIC 2842,3

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 2844—TOILET PREPARATIONS														SIC 2844—TOILET PREPARATIONS (Con.)														
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES														
1977	53.0	51.5	52.2	52.6	52.2	52.2	52.7	53.2	53.7	55.2	54.9	53.0	52.2	1977	2.1	1.5	1.8	1.6	1.4	1.5	2.9	3.6	3.3	3.2	2.0	1.4	1.2	
1978	56.2	52.3	52.7	53.5	53.9	55.2	55.9	56.5	59.0	60.2	59.7	58.7	57.1	1978	2.2	1.7	1.9	1.6	1.6	2.5	2.7	3.5	4.0	2.1	1.9	1.9	1.4	
1979	57.3	55.8	55.9	56.8	56.1	56.9	58.1	57.6	57.9	58.3	59.0	57.6	57.1	1979	2.5	2.2	1.5	1.3	2.2	2.8	3.5	4.2	4.3	2.9	2.5	1.3	1.4	
1980	55.5	54.8	55.6	55.0	54.4	53.9	55.0	55.2	55.3	57.3	56.8	56.2	56.6	1980	2.1	1.5	2.0	2.5	2.3	2.1	2.6	3.0	2.4	2.6	1.7	1.3	1.0	
1981		55.8	56.5	57.4										1981		1.9	2.1	1.6										
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES														
1977	30.2	29.3	29.6	29.8	29.5	29.3	29.7	30.1	30.3	31.9	31.7	30.5	30.1	1977	1.0	1.9	1.2	.6	.5	.8	1.0	1.1	1.5	.6	.7	1.1	.8	
1978	32.7	29.8	30.2	31.3	31.4	32.3	32.6	33.1	34.4	35.4	35.2	34.2	32.8	1978	.8	1.3	.6	.4	.6	1.0	.9	1.4	.9	.7	.5	1.1	.4	
1979	33.6	31.8	32.1	33.0	32.6	33.3	33.7	33.7	33.9	34.5	35.2	34.7	34.5	1979	.7	.3	1.2	.7	1.4	.7	.5	.7	.6	1.1	.5	.5	.3	
1980	33.3	32.6	33.6	32.9	32.3	31.9	32.6	32.7	33.4	34.8	34.6	34.1	34.1	1980	.5	.9	.9	.8	.4	.8	.4	.3	.5	.6	.2	.2	.3	
1981		32.7	33.8	34.5										1981		.7	.8	.5										
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES														
1977	32.7	31.5	32.2	32.3	31.7	31.8	32.6	32.7	33.3	34.8	34.6	33.0	32.1	1977	3.2	2.9	2.4	3.1	2.4	3.2	3.1	2.5	3.9	4.5	4.7	3.0	2.4	
1978	35.1	32.2	32.2	33.1	33.5	34.5	34.7	35.4	37.6	38.6	37.8	36.6	35.2	1978	3.2	2.4	2.2	2.6	2.1	2.4	2.7	2.7	4.7	4.1	4.1	3.6	4.1	
1979	35.2	33.9	34.0	34.8	33.5	34.6	35.4	35.1	35.7	36.6	36.5	36.1	35.8	1979	3.3	2.7	2.5	2.7	2.7	2.7	2.4	2.8	5.0	5.0	4.2	3.0	3.7	
1980	35.0	33.2	34.3	34.0	33.4	33.4	34.7	35.1	35.5	37.3	36.6	36.3	36.4	1980	2.8	2.5	2.8	2.4	3.0	2.7	2.3	2.6	4.2	3.2	3.1	2.7	2.6	
1981		36.0	36.8	38.0										1981		2.4	3.3	2.2										
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	199.68	189.00	196.17	196.83	194.31	198.28	199.82	195.70	200.00	206.00	202.47	210.00	210.79	1977	1.1	1.0	.9	.8	1.0	.9	1.2	1.2	1.7	2.3	1.2	.8	.7	
1978	212.91	199.18	202.17	213.25	211.46	216.45	215.60	209.00	207.52	216.78	212.42	219.22	228.67	1978	1.2	.9	.8	1.0	1.0	1.2	1.2	1.2	2.3	1.9	1.1	.8	.8	
1979	222.53	212.06	215.27	219.65	210.90	220.99	222.91	218.69	223.26	229.70	231.67	234.40	231.02	1979	1.6	1.3	1.1	1.1	1.3	1.4	1.4	1.6	3.4	2.9	1.6	.8	1.1	
1980	238.00	226.18	220.79	225.62	231.87	240.60	233.84	233.53	235.22	247.46	247.63	252.72	259.61	1980	1.2	1.2	1.1	1.1	1.0	1.1	.9	1.0	2.4	2.2	1.5	.7	.6	
1981		249.60	258.99	264.47										1981		1.2	1.0	1.0										
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES														
1977	5.12	5.00	5.03	5.06	5.10	5.15	5.15	5.07	5.00	5.15	5.10	5.33	5.35	1977	1.1	.9	.6	1.4	.6	1.7	.5	.4	.8	.8	2.5	1.6	1.2	
1978	5.53	5.34	5.42	5.44	5.45	5.55	5.60	5.50	5.49	5.53	5.59	5.65	5.76	1978	1.2	.8	.8	.9	.5	.5	.8	.5	.6	1.2	2.1	2.2	2.7	
1979	5.75	5.64	5.68	5.72	5.70	5.74	5.76	5.71	5.71	5.83	5.88	5.86	5.79	1979	.9	.6	.7	.9	.6	.7	.4	.6	.5	1.0	1.7	1.6	1.9	
1980	6.01	5.77	5.72	5.80	5.87	6.00	5.95	6.05	5.97	6.11	6.16	6.24	6.41	1980	.8	.6	.9	.5	.9	.9	.6	.9	.9	.4	.9	1.4	.8	
1981		6.50	6.59	6.53										1981		.4	1.6	.5										
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 2842,3—POLISHING, SANITATION, AND FINISHING PREPARATIONS														
1977	39.0	37.8	39.0	38.9	38.1	38.5	38.8	38.6	40.0	40.0	39.7	39.4	39.4	ALL EMPLOYEES—IN THOUSANDS														
1978	38.5	37.3	37.3	39.2	38.8	39.0	38.5	38.0	37.8	39.2	38.0	38.8	39.7	1977	37.0	36.0	35.9	35.8	36.0	36.2	37.1	37.3	37.8	38.0	37.8	37.8	37.9	
1979	38.7	37.6	37.9	38.4	37.0	38.5	38.7	38.3	39.1	39.4	39.4	40.0	39.9	1978	39.2	37.9	38.5	38.9	39.3	39.1	40.1	39.6	39.4	39.2	39.4	39.4	39.5	
1980	39.6	39.2	38.6	38.9	39.5	40.1	39.3	38.6	39.4	40.5	40.2	40.5	40.5	1979	40.5	39.2	39.3	39.7	39.9	40.6	41.4	41.1	41.0	41.2	41.2	40.8	41.1	
1981		38.4	39.3	40.5										1980	41.7	41.2	41.4	41.7	42.1	41.6	42.1	42.1	42.5	41.8	41.9	41.2	41.3	
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		41.5	42.3	42.1										
1977	1.6	1.3	1.2	1.5	1.1	1.3	1.4	1.0	1.6	2.4	2.1	1.9	1.9	PRODUCTION WORKERS—IN THOUSANDS														
1978	1.9	1.4	2.1	2.1	1.8	2.0	1.6	1.6	1.7	2.6	1.8	1.8	1.8	1977	20.2	19.7	19.6	19.6	19.7	19.8	20.3	20.6	20.8	20.8	20.6	20.7	20.7	
1979	1.8	1.5	1.4	1.9	1.1	2.0	1.5	1.4	1.7	2.5	2.2	2.1	1.7	1978	21.8	20.7	21.1	21.4	21.8	21.6	22.5	22.1	21.9	22.0	22.1	22.1	22.2	
1980	2.3	2.0	2.1	2.3	2.0	2.0	1.8	2.2	2.0	2.9	2.6	2.4	2.7	1979	22.2	21.7	21.8	21.8	22.0	22.4	22.9	22.6	22.1	22.1	22.3	22.3	22.5	
1981		2.3	2.4	2.6										1980	22.6	22.7	22.7	22.9	23.0	22.6	22.6	22.7	22.9	22.3	22.5	22.0	22.1	
ACCESSIONS PER 100 EMPLOYEES														1981		22.1	22.7	22.6										
1977	3.4	3.6	3.2	2.4	2.2	2.7	4.5	5.1	5.4	4.1	2.9	2.8	2.2															
1978	3.3	3.3	2.7	2.2	2.3	3.7	3.8	5.1	5.1	2.9	2.6	3.6	2.0															
1979	3.5	2.7	3.2	2.3	3.8	3.7	4.4	5.4	5.3	4.2	3.2	1.9	1.8															
1980	2.8	2.6	3.1	3.5	2.9	3.2	3.3	3.6	3.3	3.4	2.3	1.6	1.4															
1981		3.1	3.1	2.5																								

See footnotes at end of tables.

MANUFACTURING

See footnotes at end of tables.

MANUFACTURING

SIC 2865

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 285—PAINTS AND ALLIED PRODUCTS (Con.)														SIC 286—INDUSTRIAL ORGANIC CHEMICALS (Con.)													
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	0.5	0.3	0.5	0.6	0.5	0.1	0.1	0.4	0.5	0.8	0.5	0.6	0.5	1977	1.2	1.2	1.0	1.2	1.4	1.8	1.8	1.2	1.2	1.0	0.9	0.8	0.6
1978	.4	.4	.2	.1	.3	.2	.2	.2	.5	.5	.4	.8	.5	1978	1.2	1.0	1.0	1.2	1.0	1.7	2.0	1.3	1.2	1.2	1.1	.9	.6
1979	.4	.4	.3	.2	.2	.2	.2	.2	.8	.9	.7	.5	.3	1979	1.2	1.1	.8	1.2	1.0	1.8	2.1	1.4	1.3	.9	1.2	1.0	.8
1980	.8	.8	.5	.4	1.2	1.4	1.2	.7	.7	1.0	.7	.7	.4	1980	1.0	1.1	1.1	1.1	.9	1.5	1.7	.9	.9	.9	.7	.9	.7
1981		.5	.3	.3										1981		1.1	1.0	1.1									
SIC 286—INDUSTRIAL ORGANIC CHEMICALS														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	.9	.9	.8	.9	.9	1.4	1.4	1.0	1.0	.8	.7	.5	.4
1977	166.2	163.8	164.2	163.9	165.1	165.7	168.2	168.8	167.9	166.9	166.5	166.9	166.8	1978	.9	.7	.7	.8	.7	1.3	1.6	1.0	1.0	1.0	.9	.7	.4
1978	167.7	166.3	165.7	165.6	166.0	166.5	168.7	169.4	168.8	168.5	168.4	168.9	169.3	1979	1.0	.8	.7	1.0	.9	1.5	1.7	1.2	1.1	.8	1.0	.8	.6
1979	171.4	169.4	169.9	170.3	170.6	170.8	172.8	172.9	172.8	171.7	171.5	171.8	171.7	1980	.8	.9	1.0	.9	.7	1.1	1.5	.7	.6	.7	.5	.6	.5
1980	171.5	171.5	171.4	172.2	172.6	171.8	173.7	173.7	171.8	170.5	169.6	169.6	169.1	1981		.9	.8	.9									
1981		169.3	169.5	169.8										RECALLS PER 100 EMPLOYEES													
WOMEN EMPLOYEES—IN THOUSANDS														1977	.1	.1	.2	.1	.1	.1	.1	.1	.1	(⁵)	.2	(⁵)	
1977	23.3	22.6	22.8	22.9	22.9	23.1	23.5	23.6	23.5	23.4	23.6	23.7	23.6	1978	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	(⁵)	.1	.1
1978	24.0	23.5	23.3	23.5	23.6	23.9	24.4	24.7	24.4	24.2	24.3	24.1	24.3	1979	.1	.1	(⁵)	.1	(⁵)	.1	.2	(⁵)	.1	(⁵)	(⁵)	.1	.1
1979	25.2	24.5	24.7	24.9	24.8	25.0	25.5	25.6	25.5	25.3	25.4	25.8	25.6	1980	.1	.1	(⁵)	.1	.1	.1	.1	.1	.1	(⁵)	.1	(⁵)	.1
1980	25.9	25.4	25.4	25.7	25.9	25.8	26.4	26.7	26.5	25.9	25.8	25.8	25.8	1981		.2	.1	.1								.2	.1
1981		26.0	26.1	26.0										SEPARATIONS PER 100 EMPLOYEES													
PRODUCTION WORKERS—IN THOUSANDS														1977	1.2	1.2	.9	1.1	1.0	1.2	1.1	1.1	2.1	1.4	.9	.9	.9
1977	84.2	82.1	82.0	82.3	83.2	83.6	85.3	85.5	85.6	85.3	85.0	85.4	85.5	1978	1.2	1.2	1.0	1.2	1.1	1.2	1.3	1.2	2.1	1.3	1.0	.8	1.3
1978	86.7	85.6	85.3	85.4	85.6	86.1	87.3	87.2	86.9	87.8	87.5	87.6	87.8	1979	1.2	1.1	1.2	1.2	1.0	1.0	1.1	1.1	2.1	1.3	.9	1.1	1.0
1979	88.8	87.7	88.4	88.6	87.8	87.8	89.3	89.4	89.5	89.4	89.4	89.2	89.2	1980	1.3	1.1	1.2	1.3	1.1	1.4	1.5	1.2	2.3	1.4	1.3	.7	1.2
1980	86.9	88.8	87.3	87.0	87.6	86.9	88.6	87.5	86.7	86.4	85.0	85.1	85.3	1981		1.3	1.1	1.0									
1981		85.5	85.4	85.8										QUITS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	.5	.4	.3	.4	.3	.5	.4	.4	1.2	.7	.3	.3	.3
1977	316.83	302.17	298.78	304.68	314.89	313.30	320.23	320.57	316.73	323.57	325.46	324.19	334.19	1978	.5	.4	.3	.4	.4	.5	.6	.5	1.3	.7	.5	.4	.4
1978	349.78	330.91	333.06	341.23	345.49	348.47	347.68	349.85	348.15	358.66	359.54	367.18	368.51	1979	.6	.4	.4	.5	.5	.5	.6	.5	1.5	.8	.4	.4	.3
1979	391.47	371.95	371.06	379.69	400.47	391.57	391.94	392.77	394.94	396.24	398.24	404.23	399.47	1980	.5	.5	.6	.5	.4	.5	.4	.4	1.2	.6	.4	.3	.3
1980	413.88	395.90	403.56	408.32	416.54	412.04	407.77	408.79	412.02	416.66	424.42	429.57	431.57	1981		.4	.4	.4									
1981		432.23	438.96	445.30										LAYOFFS PER 100 EMPLOYEES													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	.1	.2	.2	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1
1977	7.42	7.06	7.08	7.22	7.34	7.32	7.43	7.49	7.47	7.56	7.64	7.61	7.79	1978	.1	.1	.2	.2	.1	.1	.1	.1	.2	.1	.2	.1	.2
1978	8.23	7.86	7.93	8.01	8.11	8.18	8.20	8.31	8.25	8.38	8.44	8.48	8.57	1979	.1	(⁵)	.2	.1	(⁵)	(⁵)	(⁵)	.2	.1	.1	.1	.1	.2
1979	9.02	8.65	8.69	8.83	9.04	8.94	9.01	9.05	9.10	9.13	9.24	9.25	9.29	1980	.3	.1	.1	.3	.3	.4	.6	.4	.6	.2	.2	.1	.2
1980	9.67	9.25	9.32	9.43	9.51	9.56	9.64	9.71	9.81	9.85	10.01	9.99	9.99	1981		.2	.1	.1									
1981		10.17	10.28	10.38										SIC 2865—CYCLIC CRUDES AND INTERMEDIATES													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	42.7	42.8	42.2	42.2	42.9	42.8	43.1	42.8	42.4	42.8	42.6	42.6	42.9	1977	36.0	34.9	35.2	35.4	35.7	35.9	36.2	36.4	36.3	36.2	36.3	36.5	36.6
1978	42.5	42.1	42.0	42.6	42.6	42.6	42.4	42.1	42.2	42.8	42.6	43.3	43.0	1978	36.7	36.8	36.6	36.6	36.6	36.4	36.7	36.7	36.9	36.8	36.5	36.7	36.7
1979	43.4	43.0	42.7	43.0	44.3	43.8	43.5	43.4	43.4	43.4	43.1	43.7	43.0	1979	36.8	36.5	36.8	36.8	36.8	36.8	37.0	37.1	37.2	36.8	36.7	36.4	36.4
1980	42.8	42.8	43.3	43.3	43.8	43.1	42.3	42.1	42.0	42.3	42.4	43.0	43.2	1980	35.5	36.0	36.8	36.9	36.7	35.7	35.9	35.4	35.0	34.8	34.1	34.4	34.3
1981		42.5	42.7	42.9										1981		34.6	34.8	34.8									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														PRODUCTION WORKERS—IN THOUSANDS													
1977	3.7	3.5	3.2	3.4	4.0	3.6	3.9	3.9	3.6	3.9	3.9	3.3	3.8	1977	21.9	21.4	21.4	21.4	21.7	21.8	22.1	22.0	22.0	21.9	22.0	22.2	22.3
1978	3.7	3.5	3.5	3.5	3.6	3.5	3.7	4.0	3.7	4.3	3.9	3.8	3.8	1978	22.7	22.5	22.4	22.4	22.4	22.5	22.7	22.7	22.8	22.9	23.0	23.1	23.2
1979	4.2	4.0	3.8	3.9	4.1	4.2	4.4	4.4	4.6	4.6	4.4	4.5	3.8	1979	23.2	23.0	23.5	23.5	23.5	23.2	23.4	23.4	23.3	23.1	23.0	22.7	22.7
1980	3.5	3.9	3.7	4.0	4.1	3.3	2.9	3.1	3.2	3.2	3.6	3.5	3.7	1980	21.7	22.5	22.9	22.8	22.6	21.6	22.4	21.6	21.4	21.4	20.4	20.6	20.5
1981		4.0	3.9	3.8										1981		20.7	21.0	21.0									

See footnotes at end of tables.

SIC 2865
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 2865—CYCLIC CRUDES AND INTERMEDIATES (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	296.27	284.01	283.23	288.72	292.65	289.33	295.74	295.80	293.01	304.40	302.32	307.55	315.92
1978	320.21	303.78	310.90	319.18	317.69	317.15	320.14	306.68	310.84	329.80	322.63	329.30	349.92
1979	359.52	339.29	342.34	354.01	359.07	352.30	360.26	366.96	367.16	362.94	364.19	376.27	371.05
1980	374.59	367.22	369.28	370.60	374.03	353.05	363.44	369.82	377.71	368.18	391.35	400.44	396.77
1981		390.82	399.92	389.05									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	6.89	6.73	6.68	6.73	6.79	6.76	6.83	6.80	6.83	7.03	7.08	7.07	7.33
1978	7.57	7.25	7.42	7.44	7.44	7.48	7.48	7.48	7.49	7.76	7.70	7.73	8.10
1979	8.40	8.04	8.19	8.31	8.37	8.27	8.32	8.34	8.46	8.48	8.63	8.63	8.71
1980	8.94	8.56	8.73	8.72	8.78	8.59	8.80	8.89	9.19	8.98	9.34	9.40	9.38
1981		9.44	9.66	9.63									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	43.0	42.2	42.4	42.9	43.1	42.8	43.3	43.5	42.9	43.3	42.7	43.5	43.1
1978	42.3	41.9	41.9	42.9	42.7	42.4	42.8	41.0	41.5	42.5	41.9	42.6	42.2
1979	42.8	42.2	41.8	42.6	42.9	42.6	43.3	44.0	43.4	42.8	42.2	43.6	42.6
1980	41.9	42.9	42.3	42.5	42.6	41.1	41.3	41.6	41.1	41.0	41.9	42.6	42.3
1981		41.4	41.4	40.4									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	4.1	3.8	3.6	4.1	4.7	3.9	4.3	4.1	4.0	4.3	4.3	4.2	4.3
1978	4.0	3.9	4.5	4.2	4.0	3.7	4.0	3.4	3.4	5.0	3.9	4.0	4.5
1979	4.4	4.1	3.9	4.5	4.2	4.1	4.8	4.5	4.5	4.6	4.5	4.8	3.9
1980	3.2	4.0	3.5	3.8	4.0	2.5	2.5	2.3	2.7	2.5	3.2	3.8	3.8
1981		3.9	4.0	3.4									

SIC 2861,9—GUM, WOOD, AND INDUSTRIAL ORGANIC CHEMICALS, NEC

ALL EMPLOYEES—IN THOUSANDS													
1977	130.3	128.9	129.0	128.5	129.4	129.8	132.0	132.4	131.6	130.7	130.2	130.4	130.2
1978	131.0	129.5	129.1	129.0	129.4	130.1	132.0	132.7	131.9	131.7	131.9	132.2	132.6
1979	134.6	132.9	133.1	133.5	133.8	134.0	135.8	135.8	135.6	134.9	134.8	135.4	135.3
1980	136.0	135.5	134.6	135.3	135.9	136.1	137.8	138.3	136.8	135.7	135.5	135.2	134.8
1981		134.7	134.7	135.0									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	18.9	18.4	18.6	18.7	18.7	18.9	19.2	19.2	19.1	18.8	18.9	19.0	18.9
1978	19.4	18.8	18.7	18.8	18.9	19.3	19.8	20.1	19.8	19.5	19.8	19.7	19.8
1979	20.5	20.0	20.1	20.3	20.1	20.3	20.8	20.9	20.7	20.4	20.5	20.8	20.7
1980	21.3	20.6	20.6	20.9	21.2	21.0	21.8	22.1	22.0	21.5	21.4	21.4	21.4
1981		21.5	21.6	21.6									

PRODUCTION WORKERS—IN THOUSANDS													
1977	62.4	60.7	60.6	60.9	61.5	61.8	63.2	63.5	63.6	63.4	63.0	63.2	63.2
1978	64.0	63.1	62.9	63.0	63.2	63.6	64.6	64.5	64.1	64.9	64.5	64.5	64.6
1979	65.6	64.7	64.9	65.1	64.3	64.6	65.9	66.0	66.2	66.3	66.4	66.5	66.5
1980	65.1	66.3	64.4	64.2	65.0	65.3	66.2	65.9	65.3	65.0	64.6	64.5	64.8
1981		64.8	64.4	64.8									

SIC 2861,9—GUM, WOOD, AND INDUSTRIAL ORGANIC CHEMICALS, NEC (Con.)

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	324.19	308.31	304.68	310.38	323.04	321.86	328.52	329.72	324.94	330.93	333.20	329.94	340.26
1978	360.40	340.98	340.62	348.93	355.71	359.53	357.44	365.08	361.68	368.51	372.36	381.06	374.95
1979	401.94	383.64	382.30	388.33	415.30	406.23	403.74	402.19	404.92	407.66	409.70	413.40	408.59
1980	427.12	406.17	415.07	421.61	430.95	430.88	423.16	422.15	423.42	433.14	435.37	438.76	442.83
1981		445.73	451.26	463.22									

PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	7.61	7.17	7.22	7.39	7.53	7.52	7.64	7.74	7.70	7.75	7.84	7.80	7.95
1978	8.46	8.08	8.11	8.21	8.35	8.42	8.45	8.59	8.51	8.59	8.70	8.74	8.74
1979	9.24	8.86	8.87	9.01	9.27	9.17	9.26	9.31	9.33	9.35	9.44	9.46	9.48
1980	9.91	9.49	9.52	9.67	9.75	9.86	9.91	9.98	10.01	10.12	10.22	10.18	10.18
1981		10.39	10.47	10.60									

PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	42.6	43.0	42.2	42.0	42.9	42.8	43.0	42.6	42.2	42.9	42.5	42.3	42.8
1978	42.6	42.2	42.0	42.5	42.6	42.7	42.3	42.5	42.5	42.9	42.8	43.6	42.9
1979	43.5	43.3	43.1	43.1	44.8	44.3	43.6	43.2	43.4	43.6	43.4	43.7	43.1
1980	43.1	42.8	43.6	43.6	44.2	43.7	42.7	42.3	42.3	42.8	42.6	43.1	43.5
1981		42.9	43.1	43.7									

PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	3.5	3.4	3.1	3.1	3.8	3.5	3.7	3.8	3.5	3.7	3.7	3.0	3.6
1978	3.6	3.4	3.2	3.3	3.4	3.4	3.6	4.2	3.8	4.1	3.9	3.8	3.6
1979	4.2	4.0	3.7	3.7	4.1	4.3	4.3	4.4	4.6	4.6	4.4	4.4	3.8
1980	3.6	3.8	3.8	4.0	4.1	3.6	3.1	3.3	3.4	3.4	3.7	3.4	3.7
1981		4.0	3.8	4.0									

SIC 287—AGRICULTURAL CHEMICALS

ALL EMPLOYEES—IN THOUSANDS													
1977	67.7	66.8	68.7	71.0	71.9	70.7	68.2	66.6	66.0	65.8	65.5	65.4	65.4
1978	67.4	65.9	66.9	68.4	70.6	70.3	68.4	66.4	65.6	66.1	66.5	66.5	67.3
1979	70.2	67.6	68.7	70.4	71.6	72.0	71.1	69.7	69.6	69.8	69.9	70.8	70.8
1980	72.6	71.6	72.4	73.7	74.9	75.9	74.3	71.7	71.1	71.6	71.7	71.1	71.0
1981		71.5	72.3	73.8									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	8.6	8.5	8.5	8.6	8.7	8.7	8.7	8.6	8.7	8.4	8.5	8.6	8.6
1978	9.1	8.7	8.7	8.8	9.1	9.4	9.3	9.0	8.9	9.1	9.1	9.3	9.3
1979	10.0	9.4	9.5	9.8	10.0	10.2	10.4	10.1	10.1	10.2	10.0	10.2	10.2
1980	10.7	10.4	10.4	10.8	10.8	11.1	11.2	10.9	10.6	10.7	10.5	10.6	10.5
1981		10.4	10.6	10.8									

PRODUCTION WORKERS—IN THOUSANDS													
1977	42.0	41.2	43.0	45.5	46.0	45.1	42.4	40.7	40.1	40.1	39.9	39.5	40.1
1978	42.3	40.7	41.6	43.2	45.2	45.0	43.0	40.9	40.4	41.2	41.7	42.0	42.7
1979	45.0	43.3	44.4	45.9	47.0	47.2	45.7	44.2	43.9	44.4	44.4	44.9	44.8
1980	45.8	45.4	46.3	47.2	48.1	49.0	47.1	45.0	43.8	44.8	44.8	44.1	44.1
1981		44.5	45.3	46.8									

PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	259.29	244.07	247.81	252.51	252.25	252.74	256.97	260.95	264.12	266.70	270.30	268.60	272.84
1978	284.14	272.63	271.77	271.15	275.12	275.42	283.39	285.69	286.44	288.84	298.90	298.90	299.75
1979	311.45	296.95	295.25	296.53	303.37	300.57	306.44	307.55	315.67	321.32	323.14	331.25	339.11
1980	352.41	334.11	336.69	337.31	337.03	338.91	351.48	352.73	356.10	369.73	368.90	369.75	382.33
1981		377.14	382.36	375.82									

MANUFACTURING

SIC 289

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 287—AGRICULTURAL CHEMICALS (Con.)														SIC 287—AGRICULTURAL CHEMICALS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	6.03	5.77	5.71	5.70	5.72	5.81	5.99	6.14	6.20	6.29	6.36	6.38	6.45	1977	1.0	0.7	0.6	0.3	0.8	2.3	2.5	1.1	0.7	0.7	0.4	1.3	0.8
1978	6.67	6.43	6.44	6.38	6.31	6.45	6.56	6.77	6.82	6.96	7.00	7.00	7.02	1978	1.0	.9	.3	.3	.6	1.3	3.3	2.1	.7	.8	.4	.4	.6
1979	7.26	7.02	6.98	6.88	6.99	6.99	7.11	7.34	7.41	7.49	7.55	7.65	7.76	1979	.7	.9	.2	.2	.5	1.2	2.0	1.3	.6	.3	.4	.3	.3
1980	8.12	7.77	7.74	7.79	7.73	7.72	8.08	8.28	8.32	8.48	8.50	8.50	8.65	1980	.8	.6	.2	.4	.8	1.2	1.5	1.7	.7	.6	.6	.8	.9
1981		8.65	8.69	8.60										1981		.3	.5	.5									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 289—MISCELLANEOUS CHEMICAL PRODUCTS													
1977	43.0	42.3	43.4	44.3	44.1	43.5	42.9	42.5	42.6	42.4	42.5	42.1	42.3	ALL EMPLOYEES—IN THOUSANDS													
1978	42.6	42.4	42.2	42.5	43.6	42.7	43.2	42.2	42.0	41.5	42.7	42.7	42.7	1977	86.7	84.3	84.3	84.4	85.3	85.5	87.4	87.0	88.2	88.3	88.2	88.5	88.5
1979	42.9	42.3	42.3	43.1	43.4	43.0	43.1	41.9	42.6	42.9	42.8	43.3	43.7	1978	90.3	87.7	88.1	88.5	88.8	89.3	91.7	92.0	91.6	91.1	91.1	91.3	91.9
1980	43.4	43.0	43.5	43.3	43.6	43.9	43.5	42.6	42.8	43.6	43.4	43.5	44.2	1979	93.0	92.1	92.2	92.5	92.4	92.7	94.4	93.8	93.5	92.3	93.4	93.5	93.4
1981		43.6	44.0	43.7										1980	93.6	92.7	93.2	93.4	93.4	93.2	94.0	93.2	93.4	93.2	93.6	94.6	95.0
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	5.3	4.6	5.4	6.1	6.4	5.9	5.2	5.3	5.1	5.0	5.0	4.5	4.5	1977	17.0	16.0	16.3	16.3	16.6	16.8	17.3	16.9	17.5	17.4	17.6	17.6	17.7
1978	4.9	4.9	4.9	5.2	6.3	5.0	4.5	4.5	4.4	4.8	5.3	4.8	4.4	1978	18.2	17.6	17.4	17.6	17.6	18.0	18.6	18.7	18.7	18.4	18.6	18.7	19.0
1979	4.8	4.7	4.7	5.1	5.4	5.0	4.5	4.3	4.7	5.0	4.7	4.9	5.1	1979	19.9	19.2	19.3	19.5	19.4	19.7	20.1	20.2	20.2	19.8	20.2	20.2	20.4
1980	5.0	4.6	5.1	5.1	5.3	5.2	5.0	4.5	4.3	5.2	5.3	5.0	5.8	1980	20.8	20.4	20.7	20.6	20.7	20.5	20.9	20.4	20.7	20.6	20.9	21.1	21.5
1981		5.1	5.4	5.4										1981		21.5	21.5	21.6									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.9	3.6	4.7	5.1	3.6	2.9	2.0	2.3	2.6	2.5	2.0	1.6	1.6	1977	49.5	47.8	47.8	47.6	48.3	49.5	50.6	49.7	50.7	50.7	50.6	50.6	50.4
1978	3.1	3.6	3.1	5.5	3.9	3.7	2.9	2.4	2.4	3.2	2.5	1.8	1.7	1978	51.3	50.0	49.9	50.3	50.3	50.6	52.5	52.6	51.8	52.0	51.5	51.6	52.2
1979	3.2	4.0	3.9	5.3	3.6	3.6	3.3	2.3	2.6	3.0	3.0	2.3	2.1	1979	52.5	52.0	51.9	52.1	52.2	52.0	53.4	52.5	52.6	52.2	53.0	52.8	52.7
1980	2.4	3.2	2.8	3.3	3.2	2.9	2.5	1.2	1.9	2.3	1.9	1.6	1.8	1980	52.9	52.1	52.6	52.7	53.0	52.3	53.1	52.3	52.5	52.7	53.2	54.0	54.5
1981		3.3	2.5	3.5										1981		54.3	54.2	54.6									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	2.2	2.3	3.4	4.2	3.0	2.4	1.7	1.7	1.9	1.6	1.3	1.1	.9	1977	251.64	241.44	237.97	245.53	250.50	247.04	251.09	250.47	253.54	257.88	258.74	261.44	266.07
1978	2.4	2.4	2.1	4.1	3.4	3.2	2.5	1.8	1.9	2.1	1.9	1.5	1.3	1978	272.06	260.16	265.19	267.30	267.52	266.62	269.98	269.21	271.17	274.23	280.73	283.58	289.00
1979	2.6	3.2	2.9	4.4	2.9	3.0	2.6	1.8	2.1	2.1	2.4	1.8	1.6	1979	292.99	280.84	280.84	282.88	284.00	288.42	288.43	292.52	294.06	302.33	303.37	306.81	310.59
1980	1.8	2.5	2.2	2.7	2.7	2.3	2.0	.9	1.3	1.4	1.2	1.2	1.3	1980	318.16	305.12	307.27	308.92	312.42	311.30	314.24	313.60	317.52	322.77	328.02	335.69	340.13
1981		1.9	1.9	2.8										1981		336.96	339.87	338.25									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.5	1.0	1.2	.8	.4	.1	.1	.1	.5	.7	.5	.5	.6	1977	6.02	5.79	5.79	5.86	5.95	5.91	5.95	6.05	6.08	6.14	6.19	6.21	6.29
1978	.6	1.2	.9	.9	.5	.3	.2	.5	.4	1.0	.5	.2	.3	1978	6.54	6.33	6.39	6.41	6.40	6.44	6.49	6.55	6.55	6.64	6.70	6.72	6.80
1979	.6	.8	.9	.8	.6	.5	.5	.4	.4	.6	.5	.3	.4	1979	7.06	6.80	6.80	6.80	6.91	6.90	6.95	7.10	7.12	7.25	7.31	7.34	7.36
1980	.4	.6	.4	.5	.3	.3	.2	.2	.6	.8	.5	.3	.4	1980	7.76	7.37	7.44	7.48	7.62	7.63	7.74	7.84	7.84	7.95	8.02	8.05	8.06
1981		1.3	.5	.6										1981		8.10	8.17	8.21									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	3.0	2.6	2.0	2.6	3.4	4.8	4.2	3.6	3.2	2.7	1.8	2.5	2.1	1977	41.8	41.7	41.1	41.9	42.1	41.8	42.2	41.4	41.7	42.0	41.8	42.1	42.3
1978	2.9	2.7	1.6	2.3	3.2	3.8	5.4	3.8	3.9	3.0	2.1	1.8	1.9	1978	41.6	41.1	41.5	41.7	41.8	41.4	41.6	41.1	41.4	41.3	41.9	42.2	42.5
1979	2.8	2.6	1.8	2.8	2.9	4.1	4.2	3.0	3.4	2.4	2.2	1.9	1.8	1979	41.5	41.3	41.3	41.6	41.1	41.8	41.5	41.2	41.3	41.7	41.5	41.8	42.2
1980	2.6	2.2	1.7	2.2	2.6	3.3	4.0	3.6	2.9	2.4	1.9	2.0	2.0	1980	41.0	41.4	41.3	41.3	41.0	40.8	40.6	40.0	40.5	40.6	40.9	41.7	42.2
1981		1.6	1.9	2.2										1981		41.6	41.6	41.2									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.3	1.1	1.0	1.6	1.9	1.7	1.1	1.4	2.0	1.5	1.0	.6	.9	1977	3.4	3.4	3.1	3.3	3.8	3.2	3.6	3.2	3.4	3.7	3.4	3.4	3.5
1978	1.4	1.2	.9	1.4	1.8	1.7	1.3	1.2	2.4	1.7	1.1	1.0	.8	1978	3.6	3.4	3.8	3.6	3.4	3.3	3.4	3.5	3.4	3.6	3.8	3.7	3.9
1979	1.4	1.2	1.1	1.8	1.7	2.0	1.3	1.0	2.1	1.4	.9	1.0	.9	1979	3.5	3.5	3.3	3.2	3.0	3.3	3.1	3.1	3.7	4.0	3.8	4.1	3.6
1980	1.0	1.0	1.0	1.1	1.2	1.2	1.0	.9	1.5	1.1	.9	.7	.6	1980	3.1	3.2	3.2	3.3	3.1	2.8	2.5	2.5	3.0	3.2	3.3	3.5	3.6
1981		.8	.8	1.0										1981		3.7	3.5	3.2									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 289—MISCELLANEOUS CHEMICAL PRODUCTS (Con.)														SIC 29—PETROLEUM AND COAL PRODUCTS (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	2.5	2.0	3.4	2.4	2.3	3.2	3.5	2.5	3.1	2.8	2.1	1.5	1.5	1977	131.3	122.5	119.9	123.5	128.8	131.9	135.9	137.4	136.7	135.8	135.9	134.6	132.2
1978	2.2	1.8	1.6	1.9	1.8	3.0	2.9	2.3	2.5	2.6	2.2	1.7	1.6	1978	135.5	130.8	131.0	132.3	133.9	134.8	138.8	138.8	139.4	137.6	137.3	136.7	134.6
1979	2.3	2.4	1.8	1.9	2.8	2.9	2.9	2.1	2.6	2.4	2.5	1.8	1.4	1979	137.1	132.1	132.5	133.7	135.3	137.2	140.2	140.5	140.4	139.4	139.1	137.9	136.3
1980	2.2	2.2	1.9	2.3	1.6	2.5	2.8	1.8	2.3	3.0	2.2	1.7	1.6	1980	123.9	134.0	86.5	83.9	107.2	130.7	134.7	136.4	136.9	135.6	135.1	134.4	131.1
1981		2.1	1.7	1.9										1981		130.5	129.5	130.8									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.8	1.4	1.5	1.6	1.8	2.5	2.7	1.9	2.6	2.1	1.6	1.2	1.0	1977	334.34	311.17	322.34	331.14	334.27	332.28	335.05	338.77	332.78	341.28	342.14	341.78	348.87
1978	1.7	1.4	1.3	1.4	1.4	2.5	2.5	1.7	2.1	2.1	1.8	1.3	1.4	1978	376.27	358.70	362.06	366.79	370.65	367.22	372.78	382.28	378.42	385.41	385.41	390.71	388.06
1979	1.7	1.9	1.5	1.5	1.5	2.4	2.4	1.6	1.8	1.8	1.8	1.4	1.1	1979	409.97	385.63	388.57	407.34	414.42	409.91	404.05	413.66	407.22	424.65	418.07	428.29	411.00
1980	1.5	1.6	1.4	1.6	1.3	1.8	2.0	1.2	1.3	1.8	1.7	1.3	1.2	1980	421.76	342.09	371.99	366.42	404.01	424.95	431.88	437.68	430.86	448.32	453.61	458.67	449.45
1981		1.5	1.2	1.4										1981		471.16	481.53	478.40									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.5	.4	1.8	.6	.4	.5	.6	.4	.2	.5	.3	.2	.3	1977	7.83	7.48	7.73	7.81	7.81	7.80	7.81	7.86	7.83	7.90	7.92	7.93	8.02
1978	.3	.4	.2	.4	.4	.5	.4	.4	.3	.4	.3	.2	.1	1978	8.63	8.44	8.60	8.53	8.56	8.56	8.55	8.61	8.62	8.70	8.70	8.78	8.88
1979	.4	.3	.1	.3	1.2	.2	.4	.3	.3	.4	.6	.3	.2	1979	9.36	9.01	9.10	9.30	9.44	9.38	9.31	9.38	9.34	9.50	9.48	9.56	9.47
1980	.5	.5	.3	.6	.2	.6	.7	.5	.8	1.1	.4	.3	.3	1980	10.09	9.45	9.37	9.30	9.83	10.07	10.21	10.25	10.21	10.33	10.38	10.52	10.38
1981		.4	.4	.4										1981		11.06	11.33	11.23									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.4	2.6	3.2	2.2	2.7	2.0	2.0	2.5	3.4	2.8	1.9	1.5	1.9	1977	42.7	41.6	41.7	42.4	42.8	42.6	42.9	43.1	42.5	43.2	43.2	43.1	43.5
1978	2.1	2.7	1.4	1.7	1.9	1.9	1.7	2.5	3.5	2.6	2.0	1.9	1.2	1978	43.6	42.5	42.1	43.0	43.3	42.9	43.6	44.4	43.9	44.3	44.3	44.5	43.7
1979	2.4	2.6	1.8	1.8	3.1	2.1	2.0	2.2	3.5	3.1	2.1	2.2	1.9	1979	43.8	42.8	42.7	43.8	43.9	43.7	43.4	44.1	43.6	44.7	44.1	44.8	43.4
1980	2.2	2.3	2.1	2.4	2.9	2.5	2.4	2.3	2.7	2.2	1.7	1.6	1.8	1980	41.8	36.2	39.7	39.4	41.1	42.2	42.3	42.7	42.2	43.4	43.7	43.6	43.3
1981		2.8	1.9	1.7										1981		42.6	42.5	42.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	1.0	.8	.6	.8	1.0	.9	1.0	1.1	2.4	1.6	.9	.7	.8	1977	4.0	3.4	3.2	3.4	4.0	4.1	4.3	4.2	4.0	4.4	4.2	4.1	4.1
1978	1.1	1.0	.6	1.0	.9	.9	1.1	1.0	2.4	1.7	1.0	.9	.7	1978	4.3	3.7	3.8	3.8	4.2	4.1	4.3	4.5	4.4	4.7	4.7	4.5	4.5
1979	1.1	1.2	.8	1.0	1.0	1.0	1.1	1.1	2.2	1.7	1.0	.9	.7	1979	4.3	4.3	4.1	4.1	4.4	4.5	4.2	4.3	4.2	4.9	4.3	4.6	4.0
1980	.9	.9	1.0	1.0	.8	.9	.8	.8	1.4	1.1	.7	.6	.5	1980	3.7	3.1	4.0	4.1	3.6	3.6	3.0	3.5	3.6	3.9	4.2	4.0	3.7
1981		.9	.6	.7										1981		3.4	3.7	3.6									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	1.2	2.0	.8	.4	.5	.3	.5	.3	.5	.4	.4	.6	1977	2.1	2.0	1.7	2.3	2.4	3.2	3.4	2.1	2.3	2.0	1.7	1.3	1.3
1978	.4	1.0	.4	.4	.5	.3	.2	.9	.2	.2	.4	.6	.1	1978	2.1	2.0	2.0	2.3	2.3	3.1	3.1	2.1	2.0	2.3	1.8	1.3	1.2
1979	.6	.7	.5	.2	1.5	.4	.5	.6	.5	.8	.6	.8	.7	1979	2.4	2.0	1.8	2.2	2.6	3.6	3.1	2.5	2.0	3.5	2.3	1.5	1.2
1980	.7	.6	.4	.5	1.4	.9	1.0	1.0	.5	.5	.5	.5	.9	1980	2.3	1.9	1.8	2.2	2.5	3.3	3.7	2.5	2.1	2.1	2.0	1.6	1.4
1981		1.1	.8	.3										1981		2.0	1.8	2.1									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	202.3	193.8	191.1	194.4	199.5	202.9	207.2	209.2	208.0	206.6	206.1	205.5	203.7	1977	1.7	1.5	1.2	1.6	1.6	2.7	2.9	1.8	2.0	1.8	1.5	1.1	1.0
1978	207.7	201.3	202.0	203.8	205.8	207.1	212.3	212.3	212.3	210.1	209.9	208.7	206.7	1978	1.7	1.6	1.5	1.6	1.6	2.5	2.6	1.8	1.8	1.9	1.6	1.1	.9
1979	209.8	203.4	203.8	205.3	207.3	209.3	213.0	213.8	213.7	213.2	213.0	212.2	210.1	1979	2.0	1.7	1.5	1.7	1.9	2.9	2.6	2.3	1.8	3.3	2.1	1.3	1.0
1980	196.6	208.9	155.1	152.1	172.4	202.7	208.5	211.4	211.8	210.2	209.7	209.5	206.8	1980	1.8	1.6	1.2	1.5	1.7	2.6	2.9	2.0	1.7	1.7	1.5	1.3	1.1
1981		206.5	205.7	207.0										1981		1.6	1.4	1.6									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	23.4	21.7	22.1	22.7	23.2	23.3	24.1	24.6	24.5	23.9	23.7	23.7	23.8	1977	.2	.4	.4	.5	.6	.3	.2	.1	.1	(^b)	.1	(^b)	.2
1978	24.6	23.7	23.8	24.0	24.4	24.7	25.3	25.4	25.3	24.9	24.7	24.8	24.6	1978	.2	.3	.3	.4	.5	.4	.2	.1	.1	.2	.1	(^b)	.1
1979	26.3	24.5	24.6	25.0	25.3	25.6	26.9	27.2	27.1	27.1	27.3	27.2	27.5	1979	.2	.2	.2	.4	.5	.4	.3	.1	.1	.1	.1	.1	.1
1980	26.8	27.7	23.0	23.1	23.5	26.7	28.0	28.6	28.4	28.1	28.0	28.2	28.7	1980	.4	.2	.4	.5	.8	.6	.7	.4	.3	.3	.4	.1	.2
1981		28.9	28.9	29.1										1981		.3	.3	.4									

See footnotes at end of tables.

MANUFACTURING

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 29—PETROLEUM AND COAL PRODUCTS (Con.)														SIC 291—PETROLEUM REFINING (Con.)													
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	2.2	2.7	1.7	1.4	1.4	1.6	1.6	2.0	3.5	4.1	1.8	2.0	2.3	1977	42.4	41.8	41.5	42.3	42.7	42.5	42.3	42.6	41.9	42.7	42.7	43.0	43.2
1978	2.0	2.1	1.7	1.6	2.0	1.9	1.7	1.8	3.3	2.8	1.6	1.9	2.1	1978	43.1	42.6	42.4	42.8	43.0	42.5	42.8	43.6	43.1	43.6	43.4	44.2	43.3
1979	2.1	2.0	1.8	1.8	1.9	1.8	2.0	1.8	3.1	2.7	2.1	1.8	2.1	1979	43.6	42.7	42.5	43.7	44.2	43.4	43.1	43.6	43.2	44.8	44.0	44.8	43.3
1980	2.2	2.1	1.9	2.1	2.7	2.3	1.8	1.9	3.2	2.3	1.8	1.9	2.0	1980	41.6	34.4	38.1	37.8	41.2	42.6	42.2	42.8	42.1	43.3	43.6	43.8	43.3
1981		1.8	1.6	1.7										1981		42.7	42.8	42.6									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.8	.6	.5	.6	.7	.7	.7	.8	1.9	1.3	.8	.6	.4	1977	3.5	3.2	2.9	3.0	3.7	3.7	3.6	3.5	3.2	3.6	3.6	3.7	3.7
1978	.8	.5	.5	.6	.7	.7	.9	.9	1.8	1.4	.8	.6	.6	1978	3.5	3.4	3.5	3.2	3.6	3.4	3.3	3.4	3.2	3.7	3.7	3.8	3.9
1979	.9	.7	.5	.7	.8	.9	1.0	.8	1.7	1.4	.8	.7	.6	1979	3.8	3.8	3.6	3.5	4.0	3.8	3.4	3.7	3.6	4.4	3.7	4.2	3.6
1980	.7	.7	.7	.8	.7	.6	.6	.7	1.3	.9	.6	.6	.4	1980	3.3	2.7	3.6	3.5	3.5	3.6	2.6	3.0	3.0	3.4	3.7	3.8	3.4
1981		.5	.5	.5										1981		3.2	3.6	3.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.6	1.5	.5	.3	.2	.3	.3	.3	.9	.7	.5	.9	1.3	1977	1.5	1.6	1.1	1.4	1.2	2.3	2.8	1.5	1.6	1.3	1.4	1.0	.9
1978	.5	.9	.5	.4	.4	.4	.3	.3	.7	.6	.2	.7	1.1	1978	1.5	1.5	1.6	1.4	1.2	2.3	2.4	1.3	1.2	1.6	1.4	.9	.9
1979	.6	.5	.4	.5	.5	.4	.5	.4	.5	.5	.7	.7	1.1	1979	1.8	1.4	1.4	1.4	1.8	3.0	2.5	2.0	1.5	3.2	1.8	1.0	1.0
1980	.8	.6	.3	.7	1.5	1.1	.7	.5	1.1	.6	.6	.9	1.1	1980	1.8	1.4	1.2	1.2	1.6	2.8	3.2	2.0	1.5	1.6	1.7	1.3	1.2
1981		.7	.4	.6										1981		1.8	1.6	1.6									
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	159.5	155.3	152.8	154.6	156.8	158.7	162.0	163.8	162.8	161.4	161.3	162.1	162.6	1977	1.3	1.4	1.0	1.2	1.1	2.1	2.4	1.2	1.4	1.2	1.3	.9	.8
1978	164.1	162.3	163.1	163.6	163.3	163.6	166.7	166.8	165.9	163.9	163.8	163.4	163.2	1978	1.3	1.4	1.3	1.3	1.1	2.0	2.1	1.2	1.1	1.4	1.2	.8	.6
1979	165.2	161.7	161.4	162.2	162.7	163.6	166.2	167.3	167.1	167.3	167.4	167.8	167.4	1979	1.6	1.3	1.2	1.2	1.5	2.6	2.2	1.9	1.4	3.1	1.6	.9	.8
1980	153.6	166.7	112.9	109.4	129.7	159.7	165.1	167.8	167.4	165.8	165.6	165.9	166.6	1980	1.6	1.2	.8	1.1	1.5	2.5	3.0	1.9	1.4	1.4	1.4	1.2	1.0
1981		167.8	167.2	167.7										1981		1.6	1.4	1.5									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	18.8	17.2	17.7	18.2	18.7	18.7	19.3	19.8	19.7	19.2	18.9	19.1	19.2	1977	(¹)	.1	(¹)	.1	(¹)	.1	(¹)	.1	(¹)	(¹)	(¹)	(¹)	(¹)
1978	19.9	19.2	19.4	19.6	19.9	20.1	20.5	20.6	20.4	20.0	19.7	19.8	19.7	1978	(¹)	(¹)	.2	(¹)	(¹)	.1	(¹)	(¹)	(¹)	.1	(¹)	(¹)	(¹)
1979	21.1	19.6	19.6	20.0	20.1	20.5	21.7	21.9	21.8	21.8	21.9	22.0	22.3	1979	.1	(¹)	.1	.1	.1	.1	.1	(¹)	(¹)	(¹)	.1	(¹)	.1
1980	21.7	22.4	17.7	18.0	18.3	21.5	22.8	23.4	23.3	23.0	22.9	23.1	23.6	1980	.1	.1	.2	(¹)	.1	.2	.1	(¹)	(¹)	.1	.2	(¹)	.1
1981		23.9	23.9	24.2										1981		.1	.1	(¹)				(¹)	(¹)	.1	.2	(¹)	.1
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	99.3	94.7	92.3	94.4	96.9	98.5	101.7	103.0	102.4	101.6	102.0	102.3	102.2	1977	1.6	1.5	1.4	.9	1.0	1.1	1.2	1.6	3.0	3.8	1.3	1.1	1.2
1978	103.3	102.3	102.8	103.1	102.6	102.7	104.6	104.8	104.6	103.1	103.1	103.2	103.2	1978	1.4	1.3	1.2	1.2	1.5	1.1	1.2	1.2	2.4	1.9	1.0	1.1	1.3
1979	104.1	102.0	102.1	102.5	102.7	103.4	105.3	105.7	105.5	105.0	105.0	105.0	104.8	1979	1.4	1.4	1.5	1.4	1.3	1.2	1.5	1.2	2.5	1.9	1.4	.8	1.2
1980	92.7	103.8	55.7	52.7	75.8	99.5	103.5	105.2	104.9	103.3	102.9	102.4	102.4	1980	1.4	1.3	1.3	1.2	1.2	1.2	1.4	1.3	2.7	1.9	1.3	1.0	1.0
1981		103.0	102.4	102.6										1981		1.3	1.2	1.4									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	359.55	333.98	346.53	357.86	363.80	361.68	360.40	364.66	355.73	365.09	366.79	367.65	371.95	1977	.5	.4	.4	.3	.4	.4	.4	.5	1.4	.9	.5	.3	.3
1978	401.69	388.51	393.47	394.62	399.04	394.40	396.76	405.48	401.26	409.40	407.09	417.25	411.35	1978	.5	.3	.3	.3	.4	.3	.5	.4	1.2	.9	.4	.3	.3
1979	439.49	412.48	416.50	439.62	451.72	440.08	434.02	442.10	434.16	455.62	447.48	458.75	439.50	1979	.5	.4	.3	.4	.4	.5	.6	.4	1.2	.8	.4	.4	.3
1980	455.10	355.35	408.81	402.95	446.20	461.78	465.04	470.37	461.00	478.90	485.27	493.63	478.03	1980	.5	.4	.3	.6	.4	.3	.4	.5	1.1	.7	.4	.4	.3
1981		507.70	521.30	515.03										1981		.4	.3	.3									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	8.48	7.99	8.35	8.46	8.52	8.51	8.52	8.56	8.49	8.55	8.59	8.55	8.61	1977	.4	.5	.3	.1	.1	.2	.3	.2	.9	.5	.3	.4	.5
1978	9.32	9.12	9.28	9.22	9.28	9.28	9.27	9.30	9.31	9.39	9.38	9.44	9.50	1978	.3	.3	.3	.3	.3	.3	.2	.3	.5	.4	.1	.3	.6
1979	10.08	9.66	9.80	10.06	10.22	10.14	10.07	10.14	10.05	10.17	10.17	10.24	10.15	1979	.4	.2	.3	.5	.4	.3	.5	.3	.5	.5	.5	.1	.5
1980	10.94	10.33	10.73	10.66	10.83	10.84	11.02	10.99	10.95	11.06	11.13	11.27	11.04	1980	.4	.1	.1	.1	.4	.4	.6	.3	.9	.5	.5	.3	.2
1981		11.89	12.18	12.09										1981		.4	.3	.5									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 295—PAVING AND ROOFING MATERIALS														SIC 295—PAVING AND ROOFING MATERIALS (Con.)													
ALL EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	31.6	27.6	27.3	28.8	31.5	32.9	33.7	33.9	33.7	33.9	33.6	32.3	30.1	1977	1.2	2.2	2.1	2.7	3.6	1.7	0.6	0.2	0.3	0.1	0.3	0.3	1.5
1978	32.3	28.0	28.0	29.3	31.7	32.5	34.2	34.0	34.8	34.7	34.7	33.8	31.9	1978	1.1	1.9	1.1	2.7	2.7	1.8	.9	.4	.4	.9	.2	.1	.4
1979	32.6	30.1	30.4	31.1	32.5	33.4	34.3	34.1	34.3	33.9	33.7	32.6	30.9	1979	1.0	1.3	.9	2.3	2.3	1.7	1.0	.7	.5	.1	.3	.3	
1980	30.9	30.0	29.9	30.4	30.6	30.5	30.9	31.3	32.4	32.6	32.1	31.5	28.1	1980	1.9	.8	1.2	2.5	4.0	2.5	3.9	2.3	1.7	1.1	.9	.5	
1981		26.6	26.3	27.0										1981		1.3	1.6	2.8									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	24.3	20.4	20.1	21.6	24.2	25.6	26.3	26.5	26.4	26.5	26.3	24.9	22.7	1977	4.9	9.4	3.1	3.2	3.0	3.2	3.2	3.6	5.8	5.6	3.9	6.4	8.3
1978	25.0	21.1	21.0	22.1	24.4	25.1	26.9	26.8	27.4	27.3	27.1	26.4	24.3	1978	5.2	7.0	4.4	3.8	4.3	6.0	3.9	4.5	6.6	6.1	3.7	5.8	6.1
1979	25.5	23.1	23.2	24.0	25.2	26.3	27.2	27.0	27.2	26.9	26.5	25.5	24.0	1979	5.0	5.0	3.3	4.0	4.4	4.3	4.3	4.7	5.6	5.6	5.2	6.4	7.1
1980	23.5	22.8	22.9	23.3	23.6	23.2	23.2	23.5	24.5	24.9	24.6	24.3	21.0	1980	5.7	6.5	3.7	5.2	9.5	8.2	3.8	4.7	4.6	4.2	4.2	6.5	7.8
1981		19.7	19.3	20.3										1981		4.5	4.2	3.6									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	264.62	236.65	248.11	251.71	250.97	251.85	271.19	270.22	273.91	280.30	280.90	269.67	278.31	1977	1.9	1.3	1.1	1.5	1.6	1.8	1.8	1.9	3.5	2.9	1.6	1.7	1.1
1978	303.07	253.38	250.20	272.95	284.94	286.84	309.45	323.42	326.31	329.21	330.86	318.30	323.40	1978	2.4	1.6	1.7	2.0	2.2	2.4	2.4	3.0	4.0	3.1	2.1	1.8	1.5
1979	324.54	299.59	298.08	309.15	304.48	325.97	323.44	338.11	339.02	343.07	337.32	339.26	330.24	1979	2.4	1.7	1.4	2.0	2.4	2.3	2.5	2.5	3.7	3.6	2.7	1.9	1.6
1980	331.44	301.97	308.45	304.43	301.92	312.30	329.18	334.62	339.98	361.71	366.30	356.59	356.91	1980	1.7	2.0	1.7	1.6	1.9	2.0	1.7	1.8	1.9	2.0	1.6	1.3	.9
1981		345.23	337.68	356.21										1981		1.2	1.5	1.5									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.92	5.73	5.73	5.76	5.73	5.75	5.87	5.90	6.02	6.12	6.08	6.06	6.09	1977	2.0	7.4	1.5	.9	.5	.4	.4	.8	1.1	1.4	1.3	3.7	6.1
1978	6.56	5.92	6.00	6.12	6.29	6.36	6.57	6.71	6.77	6.83	6.85	6.86	7.00	1978	1.7	4.5	1.7	.9	1.1	.7	.5	.6	1.5	1.7	.7	2.7	3.9
1979	7.18	6.84	6.79	6.87	6.92	7.18	7.14	7.24	7.37	7.54	7.43	7.44	7.29	1979	1.5	2.4	1.0	1.0	.9	1.1	.8	1.0	.5	.6	1.4	3.3	4.7
1980	7.69	6.99	7.14	7.18	7.40	7.58	7.62	7.80	7.87	8.11	8.14	8.16	8.13	1980	2.9	3.4	1.0	2.7	6.6	5.1	1.0	1.3	1.5	1.1	1.5	4.3	6.3
1981		8.01	8.04	8.17										1981		2.5	1.5	1.4									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS													
1977	44.7	41.3	43.3	43.7	43.8	43.8	46.2	45.8	45.5	45.8	46.2	44.5	45.7	ALL EMPLOYEES—IN THOUSANDS													
1978	46.2	42.8	41.7	44.6	45.3	45.1	47.1	48.2	48.2	48.2	48.3	46.4	46.2	1977	713.5	682.1	687.7	694.3	701.7	709.0	722.4	713.4	718.8	728.9	732.8	735.4	735.5
1979	45.2	43.8	43.9	45.0	44.0	45.4	45.3	46.7	46.0	45.5	45.4	45.6	45.3	1978	754.5	733.2	734.4	739.8	743.4	745.3	760.2	746.3	756.9	765.8	771.3	777.3	779.5
1980	43.1	43.2	43.2	42.4	40.8	41.2	43.2	42.9	43.2	44.6	45.0	43.7	43.9	1979	781.6	777.5	781.2	782.6	782.4	786.2	792.1	784.9	784.0	781.4	780.6	777.0	768.8
1981		43.1	42.0	43.6										1980	730.7	762.9	761.2	762.7	756.5	724.1	711.0	680.8	702.2	718.0	725.7	730.6	733.2
														1981		731.8	734.2	737.2									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	6.3	4.3	4.6	5.5	5.5	6.2	7.4	7.1	7.3	7.7	7.0	5.8	6.3	1977	237.4	224.3	227.1	229.8	232.1	236.0	239.8	234.8	236.8	243.7	247.3	248.4	248.6
1978	7.7	5.6	5.6	6.6	7.1	7.1	8.5	9.0	9.2	9.0	9.0	7.2	7.4	1978	261.1	247.7	249.4	252.1	254.6	257.0	263.2	255.7	262.4	268.2	272.5	275.4	274.5
1979	7.3	6.4	6.2	6.9	6.4	7.5	7.3	8.1	7.9	8.3	7.7	7.5	6.9	1979	274.4	272.2	273.8	274.6	274.2	276.9	280.7	275.8	274.1	273.7	274.9	273.5	268.0
1980	5.8	6.2	6.2	5.5	4.1	4.2	5.3	5.9	6.2	6.8	7.0	5.8	5.9	1980	250.6	266.4	264.6	265.1	261.5	246.5	240.3	228.4	237.5	245.6	248.9	251.0	251.1
1981		5.5	5.0	5.7										1981		250.1	250.8	253.0									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	5.1	4.3	4.8	6.8	8.2	7.3	6.4	4.7	5.1	5.0	2.9	2.8	3.4	1977	558.1	531.3	536.2	543.0	550.1	556.5	567.5	557.0	560.6	569.9	573.6	575.8	575.2
1978	5.1	5.2	4.3	7.2	7.5	6.8	5.9	5.7	5.5	4.8	3.5	2.7	2.4	1978	591.2	572.5	573.6	578.6	582.1	584.8	597.7	582.1	592.2	600.4	605.2	611.3	613.4
1979	4.8	4.7	3.7	6.5	6.3	6.4	5.6	5.1	4.2	5.1	4.5	3.4	2.2	1979	611.8	611.0	614.6	615.2	613.5	617.1	621.7	612.2	610.9	609.9	609.7	606.9	598.3
1980	4.7	4.4	4.0	5.5	6.7	6.6	7.1	5.5	4.9	4.1	3.5	2.4	2.0	1980	561.8	593.0	590.5	592.1	584.3	553.0	541.3	512.5	535.6	551.1	559.3	563.5	565.6
1981		2.9	3.1	4.9										1981		564.1	567.0	569.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.5	1.8	2.2	3.5	3.7	5.2	5.4	4.3	4.4	4.5	2.4	2.3	1.8	1977	211.97	208.38	209.39	209.30	209.92	209.51	214.45	208.75	211.34	214.54	214.95	216.19	218.89
1978	3.7	3.2	3.1	3.6	4.2	4.6	4.8	4.7	4.7	3.6	3.2	2.5	1.8	1978	225.77	212.93	211.33	216.93	219.63	221.82	225.23	224.52	227.40	231.84	234.17	236.39	242.34
1979	3.7	3.2	2.8	4.1	3.9	4.6	4.4	4.0	3.6	4.5	4.3	2.9	1.8	1979	241.79	239.20	240.61	242.19	229.31	238.95	240.94	239.99	238.80	245.43	248.67	248.65	253.97
1980	2.7	3.3	2.5	2.8	2.6	4.0	3.0	3.0	3.2	2.9	2.4	1.7	1.1	1980	263.06	253.08	251.60	252.40	252.49	249.35	254.27	252.83	266.00	270.82	276.35	282.77	289.95
1981		1.6	1.4	2.0										1981		289.46	283.01	287.75									

See footnotes at end of tables.

MANUFACTURING

SIC 301

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS (Con.)														SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	5.17	5.12	5.07	5.08	5.12	5.11	5.18	5.18	5.18	5.22	5.23	5.26	5.30	1977	1.0	1.3	1.1	1.1	0.8	0.7	0.7	1.1	1.0	1.0	1.1	1.0	1.4
1978	5.52	5.35	5.35	5.33	5.37	5.45	5.48	5.53	5.56	5.60	5.67	5.71	5.77	1978	.9	1.1	1.3	1.1	.6	.8	.6	.8	.7	.6	.7	1.0	1.1
1979	5.97	5.82	5.84	5.85	5.82	5.90	5.92	5.97	5.97	6.06	6.14	6.17	6.24	1979	1.2	.9	.8	.8	1.0	.7	.9	1.3	1.6	1.3	1.2	2.1	2.1
1980	6.56	6.28	6.29	6.31	6.36	6.41	6.47	6.55	6.65	6.72	6.79	6.88	6.97	1980	2.2	2.1	1.6	1.6	3.7	4.0	3.5	2.7	1.7	1.3	1.3	1.2	1.7
1981		7.06	7.04	7.07										1981		1.6	1.4	1.0									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 301—TIRES AND INNER TUBES													
1977	41.0	40.7	41.3	41.2	41.0	41.0	41.4	40.3	40.8	41.1	41.1	41.1	41.3	ALL EMPLOYEES—IN THOUSANDS													
1978	40.9	39.8	39.5	40.7	40.9	40.7	41.1	40.6	40.9	41.4	41.3	41.4	42.0	1977	130.3	128.0	128.9	129.9	130.5	131.4	132.9	132.2	131.5	131.1	129.3	129.4	128.6
1979	40.5	41.1	41.2	41.4	39.4	40.5	40.7	40.2	40.0	40.5	40.5	40.3	40.7	1978	126.7	128.1	127.4	126.3	125.9	125.7	127.4	124.9	126.9	126.4	126.5	127.3	127.3
1980	40.1	40.3	40.0	40.0	39.7	38.9	39.3	38.6	40.0	40.3	40.7	41.1	41.6	1979	127.1	126.5	127.5	127.6	130.7	129.0	125.3	128.9	128.4	127.8	124.6	124.0	124.7
1981		41.0	40.2	40.7										1980	120.7	123.3	122.1	121.5	124.6	122.0	121.4	115.1	117.6	118.3	119.7	120.9	121.6
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	3.7	4.0	3.8	3.7	3.8	3.6	3.8	3.3	3.5	3.8	3.7	3.5	3.5	1977	12.5	12.3	12.5	12.4	12.5	12.7	12.8	12.6	12.6	12.5	12.3	12.2	12.2
1978	3.7	3.2	3.4	3.4	3.5	3.5	3.7	3.5	3.7	4.0	4.0	3.9	4.0	1978	12.1	12.0	12.0	11.8	11.9	11.9	12.2	11.9	12.2	12.2	12.2	12.2	12.3
1979	3.0	3.8	3.8	3.8	2.4	3.4	3.4	2.5	2.6	2.8	2.8	2.7	2.7	1979	12.4	12.2	12.2	12.2	12.6	12.5	12.2	12.6	12.6	12.5	12.2	12.3	12.4
1980	2.7	2.6	2.4	2.8	2.4	2.0	2.1	2.2	2.7	3.1	3.1	3.3	3.5	1980	11.6	12.1	12.2	12.1	12.3	11.8	11.6	11.3	11.0	11.0	11.1	11.4	11.6
1981		3.4	3.0	3.1										1981		11.6	11.7	11.6									
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	4.6	4.2	4.0	4.8	4.5	5.8	5.9	4.4	5.7	5.0	4.5	3.5	2.7	1977	95.5	93.2	94.2	95.5	96.2	97.0	98.0	97.0	96.4	95.6	94.3	94.6	93.6
1978	5.0	4.3	3.7	4.6	5.1	6.0	5.9	5.1	6.2	5.9	5.7	4.2	2.8	1978	92.0	93.0	92.2	91.3	91.0	91.4	93.1	90.4	92.3	91.9	91.7	92.4	92.8
1979	4.8	5.1	4.2	4.6	5.0	6.2	5.9	5.2	5.4	5.3	4.9	3.5	2.7	1979	91.6	92.0	92.9	93.0	95.4	93.9	90.0	92.0	91.7	91.2	88.5	88.7	89.9
1980	4.1	4.8	4.0	4.0	3.2	3.2	3.9	4.6	5.7	5.5	4.4	3.2	2.6	1980	84.6	88.1	86.2	85.3	87.5	84.1	84.3	78.3	82.0	82.8	84.3	85.4	86.5
1981		4.2	3.5	3.9										1981		86.8	86.7	86.4									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3.6	2.7	2.8	3.5	3.5	4.8	4.8	3.5	4.7	4.2	3.7	2.8	1.8	1977	319.57	338.62	332.28	324.47	323.82	313.79	324.12	311.71	315.08	312.74	310.68	313.54	314.08
1978	4.0	3.0	2.7	3.4	3.9	4.8	4.8	4.1	5.3	5.2	4.9	3.4	2.1	1978	337.04	310.99	305.21	302.66	318.42	330.93	335.66	336.69	348.21	352.00	362.37	370.05	375.91
1979	3.8	3.8	3.4	3.7	4.0	5.0	5.1	4.0	4.5	4.3	3.9	2.5	1.6	1979	360.78	375.42	377.10	368.24	344.04	346.52	347.76	346.86	347.49	363.38	377.65	368.74	371.54
1980	2.4	3.1	2.6	2.8	2.2	2.0	2.1	2.1	2.9	3.2	2.7	2.0	1.4	1980	392.35	374.24	369.15	366.28	365.04	353.77	367.65	362.45	407.81	423.43	432.37	439.26	446.40
1981		2.3	2.2	2.5										1981		461.34	439.30	439.74									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.7	1.2	.9	1.0	.7	.6	.7	.7	.6	.4	.5	.5	.6	1977	7.23	7.22	7.10	7.10	7.18	7.02	7.30	7.30	7.26	7.29	7.31	7.36	7.39
1978	.7	1.0	.8	.9	.8	.7	.7	.7	.6	.4	.5	.5	.4	1978	7.82	7.44	7.39	7.40	7.51	7.75	7.77	7.83	7.95	8.00	8.18	8.26	8.28
1979	.7	1.0	.5	.5	.7	.7	.5	.9	.7	.6	.6	.6	.8	1979	8.59	8.38	8.38	8.35	8.29	8.37	8.40	8.46	8.58	8.82	9.10	9.06	9.04
1980	1.3	1.4	1.1	.9	.7	.9	1.4	2.2	2.4	1.9	1.2	.9	1.0	1980	9.76	9.15	9.16	9.18	9.36	9.51	9.50	9.93	10.02	10.13	10.27	10.36	10.43
1981		1.5	1.0	1.2										1981		10.63	10.56	10.52									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	4.5	3.9	3.7	4.4	4.2	4.3	4.4	4.6	6.2	5.7	4.5	3.8	3.7	1977	44.2	46.9	46.8	45.7	45.1	44.7	44.4	42.7	43.4	42.9	42.5	42.6	42.5
1978	4.8	4.0	4.0	4.8	4.3	5.0	4.8	4.8	6.7	6.0	5.1	4.5	3.8	1978	43.1	41.8	41.3	40.9	42.4	42.7	43.2	43.0	43.8	44.0	44.3	44.8	45.4
1979	5.1	4.4	4.0	4.8	4.8	4.9	5.3	5.5	7.5	6.1	5.2	5.2	4.5	1979	42.0	44.8	45.0	44.1	41.5	41.4	41.4	41.0	40.5	41.2	41.5	40.7	41.1
1980	5.0	5.3	4.6	4.7	6.7	6.7	6.1	5.4	5.4	4.5	4.2	3.3	3.3	1980	40.2	40.9	40.3	39.9	39.0	37.2	38.7	36.5	40.7	41.8	42.1	42.4	42.8
1981		3.9	3.5	3.3										1981		43.4	41.6	41.8									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	2.4	1.7	1.6	2.1	2.3	2.5	2.6	2.4	3.9	3.5	2.4	1.9	1.4	1977	5.6	7.9	7.4	6.5	6.3	5.5	5.6	4.8	5.1	4.8	4.6	4.2	4.4
1978	2.8	1.9	1.8	2.3	2.6	3.1	3.1	2.9	4.6	4.1	3.1	2.4	1.8	1978	4.9	3.8	3.7	3.3	4.1	4.7	5.2	5.0	5.4	5.8	6.1	5.7	6.4
1979	2.8	2.4	2.2	2.8	2.8	3.0	3.1	2.9	4.5	3.6	2.8	2.2	1.6	1979	4.0	6.0	6.1	5.4	3.4	4.3	3.7	3.7	3.5	4.0	4.0	3.2	2.5
1980	1.8	2.1	1.9	2.1	1.9	1.7	1.6	1.6	2.6	2.3	2.0	1.3	1.0	1980	2.3	2.4	2.0	1.8	1.4	.8	1.1	1.6	2.5	3.3	3.3	3.9	3.9
1981		1.4	1.2	1.4										1981		4.8	3.6	3.1									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 301—TIRES AND INNER TUBES (Con.)														SIC 302—RUBBER AND PLASTICS FOOTWEAR (Con.)													
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	1.7	1.8	1.5	1.8	2.1	3.2	2.4	1.3	1.7	1.5	1.2	1.2	0.8	1977	20.9	21.9	21.1	21.1	21.5	22.0	21.5	20.3	19.1	20.3	20.4	20.6	21.1
1978	2.0	1.8	1.9	1.9	2.2	2.9	2.7	1.8	2.1	1.9	2.2	1.3	1.0	1978	21.0	20.4	20.6	20.8	21.0	19.6	21.6	19.4	21.5	21.6	21.8	21.5	22.0
1979	1.5	2.0	1.5	1.6	1.6	2.5	2.1	1.4	1.4	1.4	1.5	1.1	.9	1979	19.9	21.7	21.3	20.9	20.2	19.6	20.3	18.6	19.2	19.3	19.4	19.0	19.2
1980	1.7	1.6	1.5	1.3	.9	1.3	1.4	1.9	2.1	2.9	2.3	2.2	1.5	1980	19.2	19.0	19.0	19.4	19.6	19.0	19.4	17.7	19.2	20.2	19.6	19.5	18.7
1981		1.7	1.4	1.3										1981		17.9	18.0	17.8									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1.0	1.0	.9	1.1	1.4	2.6	1.6	.8	.9	.8	.5	.5	.2	1977	137.23	132.50	135.04	136.84	136.15	135.41	138.34	132.49	133.94	139.71	141.60	141.31	142.72
1978	1.0	.5	.4	.5	1.0	1.7	1.6	1.1	1.5	1.3	1.3	.8	.5	1978	145.16	141.38	138.01	145.51	146.66	145.52	144.78	136.89	139.50	147.44	148.61	150.54	156.82
1979	.9	1.0	.9	1.1	1.1	1.7	1.3	.8	.7	.6	.7	.5	.3	1979	157.38	149.20	153.87	153.85	146.97	153.44	154.22	155.39	157.08	163.49	162.12	166.92	175.87
1980	.4	.5	.4	.4	.2	.3	.3	.3	.3	.5	.6	.5	.4	1980	184.29	179.14	173.84	174.94	176.95	181.25	182.21	187.44	184.82	185.12	190.32	201.15	191.76
1981		.5	.5	.6										1981		189.70	181.03	179.45									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	.2	.3	.2	.3	.3	.1	.3	.1	.3	.2	.3	.2	.2	1977	3.64	3.64	3.63	3.62	3.65	3.64	3.65	3.61	3.62	3.61	3.64	3.68	3.65
1978	.5	.7	1.2	1.0	.7	.6	.6	.3	.2	.1	.3	.1	.2	1978	3.80	3.75	3.74	3.76	3.78	3.77	3.79	3.73	3.76	3.80	3.84	3.88	3.97
1979	.3	.6	.2	.1	.1	.4	.2	.1	.3	.3	.4	.2	.3	1979	4.12	4.00	4.06	4.07	4.06	4.07	4.08	4.10	4.08	4.16	4.20	4.28	4.30
1980	.9	.7	.7	.5	.3	.6	.7	.9	1.4	2.1	1.3	1.4	.9	1980	4.43	4.38	4.39	4.44	4.38	4.41	4.38	4.40	4.39	4.45	4.51	4.50	4.47
1981		.8	.6	.4										1981		4.56	4.56	4.71									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	1.8	1.3	1.3	1.4	1.5	1.8	1.8	1.8	2.7	2.7	1.9	1.7	1.9	1977	37.7	36.4	37.2	37.8	37.3	37.2	37.9	36.7	37.0	38.7	38.9	38.4	39.1
1978	2.0	1.8	3.2	2.3	1.6	1.8	2.1	1.3	2.4	2.4	1.8	1.8	1.1	1978	38.2	37.7	36.9	38.7	38.8	38.6	38.2	36.7	37.1	38.8	38.7	38.8	39.5
1979	1.9	1.6	1.2	1.3	1.5	1.7	1.8	2.8	3.8	3.0	2.2	2.3	1.3	1979	38.2	37.3	37.9	37.8	36.2	37.7	37.8	37.9	38.5	39.3	38.6	39.0	40.9
1980	3.2	3.6	3.6	2.3	4.6	5.5	6.1	4.2	3.5	1.7	1.5	1.2	.9	1980	41.6	40.9	39.6	39.4	40.4	41.1	41.6	42.6	42.1	41.6	42.2	44.7	42.9
1981		1.8	1.3	1.3										1981		41.6	39.7	38.1									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	.6	.4	.4	.5	.5	.7	.6	.6	1.2	.9	.4	.4	.3	1977	2.1	2.5	2.3	2.1	2.0	1.9	2.1	1.7	1.6	2.1	2.2	1.9	2.4
1978	.6	.4	.4	.4	.6	.7	.8	.6	1.3	1.0	.6	.5	.3	1978	2.3	2.3	2.3	2.3	2.3	2.6	2.5	1.5	2.1	2.5	2.3	2.0	2.4
1979	.5	.5	.4	.6	.6	.6	.6	.6	1.1	.8	.5	.3	.2	1979	2.1	1.9	2.2	1.8	1.1	2.0	1.9	1.4	2.4	2.6	2.1	2.5	3.3
1980	.3	.4	.3	.3	.3	.3	.3	.3	.6	.4	.4	.2	.2	1980	3.0	3.2	2.5	2.7	2.8	2.9	2.8	3.1	3.2	3.2	3.2	3.6	2.9
1981		.4	.3	.3										1981		2.5	2.3	2.2									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	.5	.2	.2	.2	.2	.2	.3	.4	.6	1.1	1.0	.6	1.0	1977	6.0	4.6	4.2	5.2	6.3	6.6	5.8	5.8	6.1	5.6	9.8	7.5	4.6
1978	.6	.6	2.3	1.3	.3	.2	.3	.1	.2	.5	.4	.8	.3	1978	7.3	7.3	4.6	7.4	7.6	7.8	9.1	4.9	8.4	9.9	9.7	7.1	3.7
1979	.7	.4	.2	.1	.2	.3	.4	1.4	1.7	1.5	.9	1.5	.6	1979	7.7	7.3	5.1	6.5	6.3	10.5	9.5	5.8	9.8	8.8	10.3	7.2	5.5
1980	2.1	1.9	2.1	1.4	3.4	4.5	5.1	2.5	2.0	.8	.5	.5	.3	1980	7.6	11.3	9.2	7.2	7.8	7.9	8.4	7.3	9.8	6.8	5.4	4.9	4.7
1981		.7	.4	.4										1981		7.2	6.1	6.2									
SIC 302—RUBBER AND PLASTICS FOOTWEAR														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	4.4	3.5	2.5	3.3	4.2	4.8	4.2	3.2	4.8	4.7	8.4	6.3	3.2
1977	24.2	25.3	24.4	24.4	24.9	25.4	24.9	23.7	22.5	23.5	23.5	23.7	24.2	1978	6.3	6.6	4.0	6.3	7.0	7.2	8.1	4.1	6.7	9.2	8.2	5.3	3.3
1978	24.0	23.4	23.6	23.8	24.0	22.3	24.6	22.3	24.6	24.7	24.9	24.6	25.1	1979	6.3	6.7	4.4	5.4	5.3	8.0	8.3	4.5	7.6	7.4	7.8	5.9	4.0
1979	22.7	24.7	24.3	23.9	23.2	22.6	23.3	21.4	21.9	21.9	22.0	21.7	21.8	1980	5.0	6.9	5.2	5.5	5.2	6.7	7.6	3.8	3.9	5.7	3.6	3.1	2.6
1980	21.7	21.8	21.7	21.9	22.2	21.5	21.8	19.9	21.5	22.6	22.0	22.1	21.2	1981		3.3	2.4	3.8									
1981		20.3	20.2	20.1										RECALLS PER 100 EMPLOYEES													
WOMEN EMPLOYEES—IN THOUSANDS														1977	.9	.3	1.0	1.1	1.2	.7	.9	2.3	.6	.4	.9	.6	.9
1977	14.8	15.6	15.1	14.9	15.1	15.5	15.2	14.4	13.2	14.2	14.4	14.6	14.9	1978	.6	.5	.4	.9	.5	.4	.4	.6	1.1	.3	1.1	1.4	.1
1978	14.1	14.4	14.6	14.8	14.8	13.7	14.0	12.2	14.0	13.8	14.2	14.3	14.7	1979	.8	.3	.2	.3	.5	1.5	.4	.7	1.7	.5	1.5	.9	1.2
1979	13.4	14.4	14.3	14.0	13.6	13.4	13.7	12.4	12.8	12.9	13.0	12.8	13.1	1980	2.2	3.8	3.7	1.4	1.6	.9	.6	3.1	5.7	.7	1.3	1.6	2.0
1980	13.3	13.7	13.2	13.6	13.6	13.1	13.4	12.0	13.3	14.0	13.4	13.5	13.0	1981		2.9	3.2	1.9									
1981		12.5	12.6	12.5																							

See footnotes at end of tables.

MANUFACTURING

SIC 303,4

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 302—RUBBER AND PLASTICS FOOTWEAR (Con.)														SIC 303,4—RECLAIMED RUBBER, HOSE AND BELTING (Con.)														
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	7.3	7.3	6.2	8.7	6.1	6.2	6.6	8.8	8.5	8.1	7.5	6.1	7.8	1977	41.0	40.2	40.5	40.4	40.9	41.1	42.0	39.9	40.6	41.3	42.2	41.9	40.9	
1978	7.6	8.1	5.6	6.7	6.6	8.9	9.4	8.0	10.1	8.9	7.7	6.3	5.1	1978	41.1	40.6	38.9	40.4	40.7	40.7	41.3	40.7	41.8	42.7	41.3	41.9	42.2	
1979	8.4	6.3	5.6	11.5	8.7	8.4	7.9	9.6	10.2	8.4	9.3	8.3	7.0	1979	41.3	41.4	41.8	41.6	39.0	41.0	42.7	40.5	41.6	42.2	41.3	40.7	41.7	
1980	8.0	10.7	7.3	7.9	7.1	7.5	6.7	10.7	5.1	7.7	7.5	6.7	10.9	1980	41.4	43.3	41.6	41.7	40.4	38.8	41.5	40.5	41.5	41.8	41.6	41.9	42.2	
1981		6.3	6.4	5.2										1981		41.8	41.3	42.2										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	4.0	3.9	3.3	3.7	4.3	4.3	3.4	3.5	4.9	5.1	4.6	3.9	3.3	1977	4.1	4.4	3.9	3.2	4.2	4.0	4.5	3.8	3.9	4.5	4.4	4.3	4.0	
1978	5.6	4.4	3.7	5.2	5.2	5.8	6.9	5.9	8.0	7.1	5.9	5.1	3.8	1978	4.3	4.4	4.1	3.5	3.9	4.1	3.8	4.4	4.3	4.9	4.4	4.8	4.6	
1979	5.3	5.0	4.0	5.4	5.2	6.2	5.9	4.5	6.9	6.1	6.0	4.9	3.7	1979	4.1	4.3	4.7	4.4	2.4	4.3	5.3	4.2	4.2	4.1	3.9	3.3	3.5	
1980	3.6	4.4	3.8	4.6	4.2	4.1	3.4	2.5	3.7	4.4	3.4	2.7	2.1	1980	2.4	3.4	2.3	2.1	1.8	1.3	1.5	1.7	2.8	3.2	2.7	2.9	3.2	
1981		2.4	2.0	2.4										1981		2.5	2.7	3.5										
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	2.2	2.3	1.9	4.0	.9	1.2	2.2	4.4	2.7	1.8	1.6	.8	3.2	1977	3.4	2.7	2.1	2.9	2.9	4.8	4.4	3.3	5.2	5.2	2.6	2.7	1.7	
1978	.8	2.4	1.0	.5	.4	2.1	.3	1.1	.4	.2	.6	.2	.2	1978	3.6	2.2	2.8	2.8	3.2	3.7	4.3	3.0	4.8	5.0	5.1	3.0	3.4	
1979	1.4	.6	.9	4.2	1.8	.5	.2	3.2	.7	.6	.5	1.3	2.3	1979	3.1	4.4	2.9	3.0	2.7	4.3	4.5	2.8	3.5	3.1	2.3	1.9	1.5	
1980	2.7	4.6	1.1	1.2	1.6	1.4	.9	6.7	.4	1.5	2.4	3.0	7.9	1980	2.8	2.4	1.3	2.1	1.8	1.5	3.1	2.0	5.0	6.1	3.8	2.2	2.5	
1981		2.8	3.3	1.5										1981		2.8	2.5	2.6										
SIC 303,4—RECLAIMED RUBBER, HOSE AND BELTING														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	2.5	1.9	1.4	1.9	1.8	3.5	2.9	2.7	4.3	4.2	2.0	2.1	1.3	
1977	24.0	23.8	23.7	23.0	23.7	22.5	23.3	23.5	24.2	24.5	25.0	25.0	25.3	1978	2.7	1.4	2.1	2.0	2.4	2.9	3.1	2.4	3.8	3.9	4.4	2.3	1.7	
1978	24.7	25.0	25.1	24.7	24.8	24.8	25.5	24.6	24.6	24.1	24.5	24.4	24.8	1979	2.4	3.4	2.2	2.6	2.5	4.0	3.9	1.8	2.7	2.0	1.7	1.1	.9	
1979	25.3	24.8	25.1	25.2	24.5	24.9	25.8	25.5	25.5	25.5	25.6	25.9	25.0	1980	1.1	1.5	.9	1.1	.7	.7	1.0	.5	.6	1.8	2.1	1.3	1.1	
1980	23.2	25.1	25.3	24.8	24.7	22.9	22.8	20.2	21.7	22.4	22.9	22.9	23.2	1981		1.2	1.1	1.3										
1981		22.8	22.8	23.1																								
WOMEN EMPLOYEES—IN THOUSANDS														1977	.5	.5	.3	.7	.7	1.0	.7	.3	.6	.5	.4	.4	.1	
1977	6.0	5.7	5.6	5.5	5.7	5.7	6.0	5.9	6.1	6.2	6.4	6.4	6.5	1978	.5	.5	.4	.4	.6	.5	.9	.3	.7	.8	.4	.4	.4	
1978	6.4	6.3	6.4	6.3	6.4	6.4	6.7	6.4	6.4	6.5	6.6	6.4	6.4	1979	.4	.6	.3	.1	(¹)	.1	.3	.6	.4	.8	.4	.6	.3	
1979	6.6	6.3	6.4	6.5	6.3	6.4	6.8	6.7	6.7	6.7	6.7	6.7	6.6	1980	1.5	.6	.2	.7	.9	.6	1.9	1.4	4.2	4.1	1.5	.7	1.2	
1980	5.8	6.6	6.4	6.2	6.1	5.8	5.7	4.8	5.2	5.5	5.7	5.8	5.9	1981		1.5	1.2	1.1										
1981		5.7	5.6	5.8																								
PRODUCTION WORKERS—IN THOUSANDS														1977	3.6	3.6	3.3	3.5	3.9	4.1	2.8	3.5	5.7	4.0	3.5	2.6	2.3	
1977	18.4	18.6	18.4	17.7	18.3	17.2	17.9	18.0	18.4	18.8	19.1	19.0	19.2	1978	3.5	3.2	1.9	3.6	2.8	4.8	3.6	3.6	4.9	4.2	4.0	3.4	2.2	
1978	18.6	19.0	19.1	18.6	18.6	18.6	19.3	18.2	18.5	17.9	18.3	18.3	18.7	1979	3.4	4.1	2.9	3.2	2.4	3.0	4.2	4.2	5.1	4.5	2.4	2.5	2.6	
1979	18.8	18.6	19.0	19.0	18.3	18.6	19.7	19.2	19.0	18.8	18.7	18.9	17.8	1980	4.5	4.6	5.0	5.6	5.5	10.2	4.9	4.7	6.2	1.9	1.8	1.6	1.7	
1980	16.2	17.9	18.2	17.8	17.4	16.1	15.5	13.5	14.8	15.5	15.9	16.0	15.9	1981		4.1	2.2	2.3										
1981		15.7	15.8	16.1																								
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	1.8	1.4	1.3	1.6	1.9	2.0	1.5	2.0	3.1	2.6	1.9	1.2	1.0	
1977	217.71	209.84	210.20	209.68	215.54	217.42	222.60	211.87	213.56	222.19	227.88	227.10	223.31	1978	1.9	1.5	1.1	1.6	1.7	2.0	1.6	1.9	2.9	3.0	2.4	1.6	1.3	
1978	232.63	224.52	213.17	218.97	226.29	228.73	232.11	230.36	237.42	245.10	238.71	245.95	250.67	1979	1.8	1.8	1.4	1.9	1.8	2.2	2.3	1.8	3.3	2.0	1.2	.8	.9	
1979	253.58	244.67	247.46	247.10	231.27	246.82	260.04	247.05	256.67	269.24	261.43	261.70	268.55	1980	.9	1.3	1.1	1.5	1.0	1.0	.9	.6	1.0	.9	.7	.5	.5	
1980	286.49	286.65	274.98	275.64	272.30	261.90	284.69	287.15	294.65	299.71	297.44	302.94	308.48	1981		.7	.6	.9										
1981		301.80	306.45	316.92																								
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1977	.7	1.3	1.2	.9	1.2	.3	.6	.5	.8	.2	.7	.6	.5	
1977	5.31	5.22	5.19	5.19	5.27	5.29	5.30	5.31	5.26	5.38	5.40	5.42	5.46	1978	.8	.9	.3	1.2	.3	1.9	.9	.7	1.0	.3	.6	.7	.3	
1978	5.66	5.53	5.48	5.42	5.56	5.62	5.62	5.66	5.68	5.74	5.78	5.87	5.94	1979	.9	1.4	.8	.3	(¹)	.2	1.0	1.6	1.1	1.7	.4	1.2	1.2	
1979	6.14	5.91	5.92	5.94	5.93	6.02	6.09	6.10	6.17	6.38	6.33	6.43	6.44	1980	2.9	2.7	3.3	3.4	3.9	8.4	3.3	3.3	4.5	.5	.5	.7	.5	
1980	6.92	6.62	6.61	6.61	6.74	6.75	6.86	7.09	7.10	7.17	7.15	7.23	7.31	1981		2.7	1.0	.5										
1981		7.22	7.42	7.51																								

See footnotes at end of tables.

SIC 306
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 306—FABRICATED RUBBER PRODUCTS, NEC														SIC 306—FABRICATED RUBBER PRODUCTS, NEC (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NEW HIRES PER 100 EMPLOYEES													
1977	112.3	109.4	109.5	110.7	111.5	112.2	114.1	112.2	113.4	113.6	113.7	113.8	114.0	1977	2.9	2.0	2.3	2.7	2.9	3.9	4.7	3.1	3.4	3.3	2.8	1.8	1.4
1978	115.8	113.4	113.6	114.1	115.3	115.4	116.4	114.6	115.6	116.3	116.7	118.6	119.7	1978	3.0	1.9	1.7	2.1	2.7	4.0	3.9	3.1	4.0	4.2	4.3	2.7	1.9
1979	118.4	119.8	120.7	120.5	120.7	120.7	120.4	119.7	118.5	116.5	116.1	114.6	112.6	1979	2.7	3.3	2.6	2.9	2.7	3.9	3.8	3.0	2.9	2.3	2.0	1.5	.9
1980	105.6	112.0	110.6	110.6	108.7	104.1	101.5	97.9	101.5	104.0	105.0	105.8	105.9	1980	1.5	1.5	1.5	1.6	1.4	1.1	1.1	1.3	1.7	2.0	2.3	1.5	1.2
1981		105.8	105.0	105.2										1981		1.5	1.6	2.0									
WOMEN EMPLOYEES—IN THOUSANDS														RECALLS PER 100 EMPLOYEES													
1977	38.5	37.4	37.8	38.0	38.2	38.8	39.0	38.3	38.8	38.8	38.8	38.9	39.0	1977	.7	.9	.9	1.1	1.0	.6	.5	.6	.5	.5	.4	.6	.7
1978	40.1	38.6	38.9	39.1	39.5	39.7	40.4	39.2	40.1	40.3	41.0	41.9	42.0	1978	.6	1.0	.8	.7	.9	.9	.5	.7	.3	.3	.4	.5	.4
1979	41.7	42.1	42.3	42.3	42.7	42.9	42.8	42.0	41.9	40.9	40.8	40.3	38.9	1979	.6	.7	.4	.4	.6	.5	.5	.8	1.0	.7	.9	.6	.7
1980	35.9	38.8	38.0	38.0	37.5	35.3	34.0	32.5	33.8	35.4	35.9	36.0	35.8	1980	1.5	1.6	1.2	1.5	.8	.9	1.8	2.0	2.8	2.0	1.2	.9	1.1
1981		35.8	35.4	35.7										1981		1.5	1.3	1.5									
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	87.6	85.0	85.0	86.3	86.8	87.5	89.3	87.5	88.6	88.7	88.4	89.0	89.1	1977	3.8	3.2	3.0	4.1	3.8	3.5	3.6	3.8	5.2	5.2	4.0	3.3	3.2
1978	90.8	88.5	88.7	89.3	90.1	90.5	91.6	89.6	90.5	91.3	91.7	93.4	94.4	1978	3.8	3.0	3.3	3.5	3.3	3.7	3.9	4.0	5.0	4.9	4.0	3.4	3.2
1979	93.2	94.8	95.1	95.1	95.2	95.3	95.0	94.2	93.2	91.5	91.0	89.8	87.8	1979	4.5	3.4	3.5	4.0	3.6	4.3	4.7	5.1	6.9	5.5	4.5	4.9	3.9
1980	81.9	87.2	86.0	86.3	84.5	80.2	78.1	74.8	78.2	80.5	81.7	82.6	82.4	1980	4.2	4.3	3.9	4.1	5.9	6.9	4.6	3.8	3.9	3.7	3.7	3.1	2.9
1981		82.3	81.6	81.9										1981		3.5	3.4	3.1									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	196.43	187.06	188.94	189.88	191.23	191.43	196.91	192.55	195.69	201.47	204.09	205.00	209.58	1977	1.9	1.3	1.3	1.7	1.9	2.1	2.1	1.9	3.2	3.0	1.7	1.3	1.0
1978	212.63	200.55	200.66	207.06	208.68	210.42	211.01	210.67	213.19	218.12	221.81	222.76	228.93	1978	2.0	1.3	1.2	1.8	1.8	2.1	2.1	1.9	3.3	3.3	2.4	1.7	1.3
1979	229.31	226.32	227.96	231.28	216.84	225.28	227.86	226.51	229.82	232.13	233.96	233.60	240.17	1979	2.0	1.8	1.7	2.1	1.8	2.2	2.5	2.2	3.3	2.3	1.7	1.3	.9
1980	245.12	235.22	237.20	236.59	237.94	234.47	238.07	233.84	245.63	252.63	257.18	261.23	269.86	1980	1.1	1.1	1.1	1.2	1.3	1.1	1.0	1.1	1.5	1.4	1.3	.9	.7
1981		262.66	259.89	265.43										1981		1.1	.9	1.2									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.85	4.70	4.70	4.70	4.71	4.75	4.85	4.85	4.88	4.95	4.99	5.00	5.05	1977	.9	.9	.8	.9	.9	.4	.4	.8	.7	1.0	1.2	1.2	1.3
1978	5.25	5.09	5.08	5.10	5.14	5.17	5.21	5.28	5.29	5.32	5.41	5.42	5.49	1978	.7	.9	1.3	.8	.6	.5	.7	.9	.4	.5	.5	.7	.8
1979	5.69	5.52	5.56	5.60	5.56	5.59	5.64	5.72	5.76	5.76	5.82	5.84	5.93	1979	1.4	.5	.7	.7	.8	.9	1.0	1.4	2.1	2.1	1.7	2.8	2.2
1980	6.19	5.94	5.99	6.02	6.07	6.09	6.12	6.17	6.25	6.30	6.35	6.45	6.55	1980	2.1	2.1	1.9	1.8	3.5	4.7	2.5	1.6	1.3	1.4	1.4	1.4	1.4
1981		6.55	6.53	6.57										1981		1.6	1.5	.9									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 307—MISCELLANEOUS PLASTICS PRODUCTS													
1977	40.5	39.8	40.2	40.4	40.6	40.3	40.6	39.7	40.1	40.7	40.9	41.0	41.5	ALL EMPLOYEES—IN THOUSANDS													
1978	40.5	39.4	39.5	40.6	40.6	40.7	40.5	39.9	40.3	41.0	41.0	41.1	41.7	1977	422.7	395.6	401.2	406.3	411.1	417.5	427.2	421.8	427.2	436.2	441.3	443.5	443.4
1979	40.3	41.0	41.0	41.3	39.0	40.3	40.4	39.6	39.9	40.3	40.2	40.0	40.5	1978	463.2	443.3	444.7	450.9	453.4	457.1	466.3	459.9	465.2	474.3	478.7	482.4	482.6
1980	39.6	39.6	39.6	39.3	39.2	38.5	38.9	37.9	39.3	40.1	40.5	40.5	41.2	1979	488.1	481.7	483.6	485.4	483.3	489.0	497.3	489.4	489.7	489.7	492.3	490.8	484.7
1981		40.1	39.8	40.4										1980	459.5	480.7	481.5	483.9	476.3	453.6	443.5	427.7	439.9	450.7	456.1	458.9	461.3
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		460.8	464.3	466.9									
1977	2.9	2.7	2.5	2.7	2.6	2.6	2.9	2.4	3.0	3.2	3.3	3.1	3.2	WOMEN EMPLOYEES—IN THOUSANDS													
1978	3.3	2.8	3.2	3.1	3.1	3.1	3.1	3.0	3.3	3.7	3.6	3.5	3.7	1977	165.7	153.3	156.1	159.0	160.6	163.3	166.8	163.6	166.1	172.0	175.4	176.3	176.0
1979	2.9	3.6	3.5	3.4	2.0	3.0	3.0	2.5	2.7	3.0	2.7	2.7	2.7	1978	188.4	176.4	177.5	180.1	182.0	185.3	189.9	186.0	189.7	195.4	198.5	200.6	199.1
1980	2.4	2.4	2.5	2.4	2.0	1.7	2.0	1.8	2.4	2.6	2.7	2.8	3.3	1979	200.4	197.2	198.6	199.6	199.0	201.7	205.2	202.1	200.1	200.7	202.2	201.4	197.0
1981		2.8	2.5	2.6										1980	183.9	195.2	194.8	195.2	192.0	180.5	175.6	167.8	174.2	179.7	182.8	184.3	184.8
ACCESSIONS PER 100 EMPLOYEES														1981		184.5	185.5	187.4									
1977	3.9	3.2	3.4	4.1	4.2	4.8	5.7	4.0	4.3	4.1	3.5	2.7	2.4	PRODUCTION WORKERS—IN THOUSANDS													
1978	4.0	3.2	2.9	3.2	4.0	5.3	4.9	4.2	4.8	5.0	5.1	3.5	2.5	1977	335.7	312.6	317.5	322.4	327.3	332.8	340.8	334.2	338.1	346.5	351.4	352.6	352.2
1979	3.7	4.3	3.3	3.8	3.6	5.0	4.8	4.2	4.3	3.5	3.4	2.6	1.9	1978	368.8	351.6	353.0	358.6	361.4	364.7	372.1	364.5	369.4	377.7	381.7	385.7	385.5
1980	3.3	3.5	3.0	3.4	2.5	2.4	3.2	3.6	4.9	4.4	3.8	2.8	2.7	1979	388.3	383.9	386.3	387.2	384.4	389.7	396.7	388.2	389.1	392.1	390.5	383.6	
1981		3.5	3.2	3.8										1980	360.0	380.8	381.1	383.3	375.3	353.6	344.0	328.2	341.4	352.1	357.8	360.0	362.1
														1981		361.4	364.9	367.2									

See footnotes at end of tables.

MANUFACTURING

SIC 31

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 307—MISCELLANEOUS PLASTICS PRODUCTS (Con.)														SIC 307—MISCELLANEOUS PLASTICS PRODUCTS (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	190.35	180.06	183.37	185.03	186.13	188.26	192.29	188.00	189.88	194.21	195.50	196.73	200.57	1977	3.0	2.0	2.0	2.7	2.9	3.1	3.3	3.1	4.9	4.3	3.0	2.4	1.7
1978	205.44	193.95	193.75	202.46	201.47	201.19	206.23	204.42	204.93	209.82	211.34	212.16	217.24	1978	3.5	2.4	2.3	2.9	3.3	3.9	3.8	3.7	5.8	5.0	3.9	3.0	2.3
1979	220.84	214.65	215.06	219.76	208.01	220.18	223.85	221.50	218.80	223.82	226.64	227.70	233.04	1979	3.5	3.0	2.8	3.5	3.5	3.8	3.8	3.7	5.5	4.5	3.6	2.8	2.0
1980	239.20	231.38	230.62	233.38	232.62	230.69	232.66	233.01	240.60	242.99	248.46	253.97	262.06	1980	2.4	2.7	2.4	2.7	2.4	2.2	2.1	2.1	3.4	2.9	2.6	1.7	1.3
1981		257.99	254.96	261.46										1981		1.7	1.5	1.7									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	4.70	4.57	4.55	4.58	4.63	4.66	4.69	4.70	4.70	4.76	4.78	4.81	4.88	1977	1.2	1.6	1.4	1.4	.9	.9	.9	1.2	1.1	1.0	1.1	1.1	1.5
1978	5.06	4.91	4.93	4.95	4.95	4.98	5.03	5.06	5.06	5.13	5.18	5.20	5.26	1978	1.0	1.2	1.1	1.1	.7	.9	.6	1.0	.9	.7	.9	1.2	1.4
1979	5.48	5.30	5.31	5.36	5.32	5.45	5.50	5.51	5.47	5.54	5.61	5.65	5.74	1979	1.3	1.1	.9	.9	1.3	.8	1.1	1.1	1.5	1.1	1.2	2.1	2.5
1980	5.98	5.77	5.78	5.82	5.83	5.87	5.92	5.99	6.03	6.09	6.15	6.24	6.33	1980	2.2	2.0	1.4	1.5	3.9	3.6	3.4	2.8	1.7	1.4	1.4	1.2	1.9
1981		6.37	6.39	6.44										1981		1.8	1.6	1.2									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 31—LEATHER AND LEATHER PRODUCTS													
1977	40.5	39.4	40.3	40.4	40.2	40.4	41.0	40.0	40.4	40.8	40.9	40.9	41.1	ALL EMPLOYEES—IN THOUSANDS													
1978	40.6	39.5	39.3	40.9	40.7	40.4	41.0	40.4	40.5	40.9	40.8	40.8	41.3	1977	254.8	251.1	252.6	254.5	255.8	260.8	262.1	242.0	255.7	252.0	257.0	258.2	255.4
1979	40.3	40.5	40.5	41.0	39.1	40.4	40.7	40.2	40.0	40.4	40.4	40.3	40.6	1978	256.8	251.3	254.5	255.9	258.3	260.8	265.7	244.3	260.9	259.4	258.3	257.8	254.2
1980	40.0	40.1	39.9	40.1	39.9	39.3	39.3	38.9	39.9	39.9	40.4	40.7	41.4	1979	245.7	249.4	248.4	249.5	248.9	252.7	256.8	226.2	247.3	244.1	243.4	242.8	239.3
1981		40.5	39.9	40.6										1980	232.6	235.2	236.8	236.6	236.3	236.1	236.8	211.8	234.4	232.7	232.1	232.5	229.4
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		226.9	229.5	230.4									
1977	3.4	3.2	3.2	3.2	3.4	3.4	3.6	3.2	3.3	3.7	3.6	3.5	3.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	3.5	3.2	3.4	3.6	3.5	3.3	3.6	3.3	3.4	3.7	3.7	3.6	3.5	1977	153.1	150.8	151.4	152.6	153.2	156.6	157.2	145.0	153.9	151.8	155.2	156.3	153.7
1979	3.2	3.4	3.3	3.5	2.3	3.3	3.4	3.0	3.2	3.3	3.4	3.3	3.2	1978	155.7	150.9	153.0	153.5	155.6	157.8	161.6	148.5	159.5	158.6	157.9	157.3	153.8
1980	2.9	3.1	3.0	3.1	2.7	2.4	2.4	2.3	2.9	3.1	3.2	3.3	3.5	1979	149.1	151.0	150.2	150.9	151.0	154.3	156.3	136.2	149.7	148.7	148.5	148.0	144.5
1981		3.2	3.0	3.2										1980	139.8	141.9	143.1	143.2	143.3	142.5	143.0	126.5	140.8	139.8	138.6	138.8	136.5
ACCESSIONS PER 100 EMPLOYEES														1981		134.6	136.7	137.2									
1977	5.7	5.3	5.1	6.0	5.4	6.9	7.2	5.5	7.3	6.3	5.5	4.2	3.3	PRODUCTION WORKERS—IN THOUSANDS													
1978	5.9	5.3	4.5	5.6	6.1	7.0	6.9	6.4	7.7	7.0	6.6	5.0	3.2	1977	218.4	214.9	216.7	218.4	219.5	224.0	225.3	207.2	219.7	215.3	219.6	221.5	218.8
1979	5.9	6.0	5.1	5.5	6.4	7.3	7.1	6.5	6.6	6.6	6.0	4.2	3.2	1978	220.4	215.0	217.6	220.1	222.4	225.0	229.6	209.4	224.9	222.7	221.0	220.3	216.6
1980	4.7	5.7	4.7	4.8	3.8	3.7	4.5	5.6	6.7	6.3	5.0	3.6	2.7	1979	209.1	212.9	212.3	213.0	211.9	216.0	219.7	191.7	210.1	207.4	206.6	205.8	201.7
1981		4.9	4.1	4.6										1980	196.3	198.2	199.8	199.9	198.9	199.1	200.2	177.1	198.7	197.1	196.3	196.7	193.1
NEW HIRES PER 100 EMPLOYEES														1981		190.8	193.6	194.1									
1977	4.6	3.5	3.7	4.5	4.4	5.8	6.0	4.5	6.2	5.5	4.7	3.5	2.4	PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	4.9	3.9	3.6	4.4	4.9	5.9	5.8	5.3	6.6	6.3	5.8	4.2	2.6	1977	133.21	123.55	130.30	130.31	130.66	133.55	136.08	132.45	133.19	134.32	136.15	138.37	137.64
1979	4.8	4.5	4.2	4.6	5.2	6.1	6.3	5.1	5.7	5.6	5.1	3.2	2.0	1978	144.32	136.04	137.86	142.05	145.13	146.28	147.83	145.88	144.35	145.04	145.78	147.26	148.40
1980	3.1	4.0	3.4	3.7	2.8	2.5	2.6	2.7	3.9	4.2	3.4	2.5	1.6	1979	154.03	149.92	148.63	149.34	147.20	152.15	155.08	154.24	154.45	157.87	157.32	159.71	162.26
1981		3.0	2.9	3.1										1980	168.09	163.68	164.86	164.53	166.25	167.98	170.17	165.98	168.36	167.71	170.19	170.25	174.91
RECALLS PER 100 EMPLOYEES														1981		177.39	179.10	180.32									
1977	.8	1.6	1.1	1.2	.8	.8	.8	.8	.8	.5	.5	.5	.7	PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	.7	1.2	.7	.9	.9	.7	.8	.9	.8	.5	.6	.6	.4	1977	3.61	3.53	3.56	3.58	3.57	3.59	3.60	3.57	3.59	3.64	3.66	3.68	3.69
1979	.8	1.3	.7	.7	1.0	.9	.6	1.1	.7	.6	.6	.7	1.0	1978	3.89	3.80	3.84	3.86	3.87	3.88	3.88	3.89	3.87	3.92	3.94	3.98	4.00
1980	1.3	1.5	1.1	.8	.8	1.0	1.5	2.6	2.4	1.7	1.2	.8	.9	1979	4.22	4.13	4.14	4.16	4.17	4.18	4.18	4.18	4.22	4.29	4.31	4.34	4.35
1981		1.6	1.0	1.3										1980	4.58	4.46	4.48	4.52	4.53	4.54	4.55	4.56	4.60	4.62	4.65	4.69	4.74
SEPARATIONS PER 100 EMPLOYEES														1981		4.86	4.88	4.90									
1977	5.3	4.7	4.6	5.2	5.1	5.2	5.4	5.5	7.4	6.7	5.3	4.5	4.2	PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1978	5.8	4.8	4.4	5.8	5.3	6.1	5.6	5.9	8.2	7.1	6.2	5.4	4.6	1977	36.9	35.0	36.6	36.4	36.6	37.2	37.8	37.1	37.1	36.9	37.2	37.6	37.3
1979	6.1	5.3	4.8	5.7	5.9	5.9	6.2	6.1	8.5	7.0	6.1	6.0	5.3	1978	37.1	35.8	35.9	36.8	37.5	37.7	38.1	37.5	37.3	37.0	37.0	37.0	37.1
1980	5.6	5.8	4.8	5.3	7.5	6.8	6.5	5.9	6.2	5.4	5.0	3.8	3.8	1979	36.5	36.3	35.9	35.9	35.3	36.4	37.1	36.9	36.6	36.8	36.5	36.8	37.3
1981		4.5	4.1	3.8										1980	36.7	36.7	36.8	36.4	36.7	37.0	37.4	36.4	36.6	36.3	36.6	36.3	36.9
														1981		36.5	36.7	36.8									

See footnotes at end of tables.

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MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 31—LEATHER AND LEATHER PRODUCTS (Con.)														SIC 311—LEATHER TANNING AND FINISHING (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	1.8	1.5	1.7	1.6	1.5	1.8	2.0	1.6	1.9	1.9	2.0	2.0	1.9	1977	3.1	3.1	3.1	3.2	3.2	3.2	3.2	2.9	3.1	3.1	3.1	3.1	3.2
1978	1.8	1.6	1.7	1.8	1.9	2.0	2.2	1.6	1.7	1.8	1.7	1.6	1.5	1978	3.1	3.0	3.0	3.0	3.1	3.1	3.3	3.1	3.3	3.2	3.2	3.2	3.1
1979	1.4	1.4	1.4	1.2	.8	1.4	1.7	1.3	1.5	1.7	1.5	1.5	1.4	1979	2.9	3.2	3.1	3.0	3.1	3.1	3.1	2.8	2.9	2.8	2.8	2.6	
1980	1.5	1.2	1.2	1.6	1.6	1.6	1.6	1.2	1.6	1.5	1.5	1.5	1.5	1980	2.7	2.8	2.7	2.9	2.7	2.7	2.6	2.5	2.7	2.6	2.8	2.7	
1981		1.6	1.4	1.3										1981		2.8	2.9	2.9								2.8	
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	6.9	7.0	5.6	6.3	6.4	7.6	7.2	8.1	10.0	7.1	6.5	6.0	4.4	1977	19.4	18.9	19.2	19.5	19.5	19.7	20.1	18.7	19.5	19.2	19.4	19.4	19.6
1978	7.3	6.9	5.1	6.7	7.1	8.7	7.2	9.2	11.6	7.9	7.1	5.6	4.0	1978	19.0	19.4	19.3	19.4	19.8	20.0	20.1	18.5	19.2	18.2	18.1	17.7	17.9
1979	6.9	6.9	5.2	6.4	7.0	8.5	6.9	7.7	10.8	7.3	7.2	5.5	3.8	1979	16.7	17.5	17.3	17.3	17.1	17.0	17.5	16.2	16.6	15.9	16.1	16.2	15.9
1980	6.3	7.0	6.1	7.2	7.0	7.0	5.9	7.7	8.6	6.5	5.8	4.1	3.4	1980	15.8	15.6	15.9	16.0	15.8	16.0	16.0	14.5	16.0	15.6	16.0	16.1	16.3
1981		6.9	4.9	5.8										1981		16.2	16.2	16.5									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	4.9	3.6	3.5	4.6	5.0	5.9	5.8	4.6	6.6	5.8	5.3	4.7	3.2	1977	191.09	177.94	185.50	186.05	187.15	193.03	193.60	187.60	189.54	194.64	196.12	199.79	200.29
1978	5.3	4.3	3.6	4.9	5.6	7.1	6.0	5.7	7.6	6.5	5.7	4.2	2.8	1978	202.75	195.11	199.48	203.11	208.08	206.74	203.20	202.12	196.86	203.45	202.93	204.75	206.06
1979	4.8	4.3	3.6	4.2	5.1	6.2	5.5	4.6	6.6	5.6	5.6	4.1	2.5	1979	213.84	207.09	206.70	207.43	204.50	208.95	216.28	204.05	213.56	219.63	222.90	225.81	231.64
1980	4.3	4.3	4.1	4.6	5.1	5.3	4.3	4.4	5.2	5.1	4.6	2.9	2.2	1980	244.21	226.59	236.59	240.19	242.61	240.40	245.43	231.08	243.32	247.44	252.46	260.12	260.65
1981		3.6	3.2	4.2										1981		255.76	260.34	263.16									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.5	2.6	1.8	1.3	.9	1.2	1.0	3.0	3.0	.9	.9	1.0	.9	1977	4.85	4.72	4.72	4.71	4.75	4.85	4.84	4.86	4.86	4.94	4.94	4.97	4.97
1978	1.5	2.3	1.2	1.2	1.1	1.1	.9	3.0	3.6	1.1	1.0	1.1	1.0	1978	5.12	4.99	5.05	5.04	5.10	5.13	5.08	5.13	5.10	5.19	5.19	5.21	5.27
1979	1.7	2.2	1.3	1.7	1.6	1.8	1.2	2.6	3.7	1.2	1.2	1.1	1.0	1979	5.54	5.31	5.30	5.36	5.41	5.47	5.56	5.50	5.62	5.69	5.73	5.79	5.82
1980	1.7	2.3	1.7	2.2	1.4	1.5	1.3	3.0	3.1	1.1	.9	1.0	1.0	1980	6.09	5.81	5.90	5.96	6.02	6.01	6.06	5.91	6.16	6.14	6.28	6.36	6.42
1981		3.1	1.5	1.4										1981		6.41	6.46	6.45									
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS													
1977	7.1	6.0	5.3	5.6	6.6	6.6	6.4	10.9	8.9	8.5	6.7	5.9	7.4	1977	39.4	37.7	39.3	39.5	39.4	39.8	40.0	38.6	39.0	39.4	39.7	40.2	40.3
1978	7.7	6.3	5.3	6.4	6.9	7.2	7.6	9.7	10.5	9.2	8.2	6.8	7.9	1978	39.6	39.1	39.5	40.3	40.8	40.3	40.0	39.4	38.6	39.2	39.1	39.3	39.1
1979	7.6	6.5	6.0	6.7	6.9	7.4	7.8	11.4	10.7	8.7	7.1	6.8	6.0	1979	38.6	39.0	39.0	38.7	37.8	38.2	38.9	37.1	38.0	38.6	38.9	39.0	39.8
1980	6.8	7.1	6.0	6.5	7.0	7.4	5.8	8.8	7.4	6.9	6.6	5.8	6.0	1980	40.1	39.0	40.1	40.3	40.3	40.0	40.5	39.1	39.5	40.3	40.2	40.9	40.6
1981		5.9	4.9	5.2										1981		39.9	40.3	40.8									
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	4.0	2.9	2.6	3.5	3.7	4.3	4.2	4.2	6.2	5.5	4.1	3.5	2.8	1977	3.2	3.2	3.3	3.5	3.2	3.5	3.3	2.7	2.9	3.1	3.4	3.4	3.2
1978	4.5	3.2	3.0	3.7	4.3	5.1	4.8	4.6	7.6	6.2	5.0	3.8	3.0	1978	3.1	3.2	3.3	3.7	3.6	3.5	3.3	2.7	2.4	2.9	2.8	2.8	2.6
1979	4.2	3.7	3.2	4.1	4.1	4.8	4.3	4.2	6.7	5.3	4.5	3.2	2.4	1979	2.4	2.7	2.6	2.3	2.0	2.2	2.3	1.8	2.1	2.5	2.4	2.7	2.7
1980	3.3	3.3	3.1	3.3	3.8	3.5	2.8	3.3	4.5	4.1	3.4	2.4	1.8	1980	2.9	2.6	2.9	3.3	3.4	2.9	3.0	2.1	2.8	3.1	2.8	3.1	3.3
1981		2.6	2.3	2.6										1981		3.1	3.2	3.3									
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES													
1977	2.0	2.1	1.8	1.2	1.9	1.1	1.1	5.6	1.4	1.9	1.5	1.4	3.2	1977	5.0	6.6	4.0	5.0	4.3	5.9	5.5	4.8	6.9	4.6	4.5	4.0	3.6
1978	1.9	1.8	1.3	1.6	1.2	.9	1.6	3.7	1.5	1.7	2.1	2.0	4.0	1978	4.8	4.5	4.2	5.9	5.4	4.9	4.6	5.4	5.3	4.5	5.3	4.0	3.8
1979	2.3	1.8	1.7	1.7	1.8	1.4	2.4	5.9	2.5	2.2	1.6	2.6	2.9	1979	5.6	3.8	4.6	5.9	4.5	7.1	6.5	6.8	6.6	6.8	6.6	5.9	2.6
1980	2.5	2.7	2.0	2.1	2.1	2.9	1.9	4.6	1.9	1.7	2.3	2.7	3.5	1980	5.5	5.9	6.5	6.3	7.1	6.3	6.3	4.8	7.5	4.4	4.1	3.8	2.5
1981		2.4	1.8	1.6										1981		4.3	3.4	4.9									
SIC 311—LEATHER TANNING AND FINISHING														NEW HIRES PER 100 EMPLOYEES													
ALL EMPLOYEES—IN THOUSANDS														1977	3.6	2.7	2.4	3.9	3.7	4.7	4.4	3.0	4.7	3.8	3.6	3.0	3.0
1977	22.7	22.3	22.6	22.9	22.9	23.2	23.5	21.7	22.7	22.4	22.7	22.7	22.9	1978	3.5	3.4	2.8	4.3	4.4	4.5	3.7	3.3	3.6	3.2	3.5	2.4	2.2
1978	22.3	22.8	22.7	22.7	23.0	23.2	23.4	21.8	22.7	21.6	21.4	21.1	21.2	1979	3.2	2.2	2.4	2.6	2.8	4.0	4.1	3.6	4.0	3.9	4.2	2.7	1.8
1979	19.9	20.8	20.5	20.5	20.4	20.2	20.7	19.5	19.8	19.1	19.2	19.3	18.9	1980	3.2	2.2	3.8	3.7	4.1	3.9	3.5	3.1	3.3	3.4	3.1	2.2	1.9
1980	19.0	18.8	19.0	19.1	19.1	19.2	19.3	17.7	19.2	18.8	19.2	19.3	19.5	1981		2.3	2.1	3.1									
1981		19.5	19.4	19.7																							

See footnotes at end of tables.

MANUFACTURING

SIC 314

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
SIC 311—LEATHER TANNING AND FINISHING (Con.)														SIC 314—FOOTWEAR, EXCEPT RUBBER (Con.)														
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	1.2	3.9	1.4	0.9	0.5	1.1	1.0	1.1	2.0	0.7	0.8	0.9	0.5	1977	3.48	3.42	3.45	3.49	3.46	3.47	3.46	3.41	3.45	3.50	3.53	3.55	3.56	
1978	1.2	1.0	1.3	1.4	.9	.3	.7	2.1	1.5	1.3	1.6	1.5	1.5	1978	3.75	3.68	3.70	3.72	3.73	3.74	3.74	3.73	3.72	3.77	3.79	3.84	3.86	
1979	2.3	1.4	2.0	3.2	1.6	3.0	2.2	3.1	2.2	2.7	2.3	3.1	.7	1979	4.09	4.02	4.01	4.05	4.05	4.05	4.05	4.05	4.09	4.15	4.18	4.21	4.23	
1980	2.2	3.6	2.6	2.5	2.8	2.3	2.8	1.6	4.1	.9	1.0	1.6	.5	1980	4.42	4.35	4.35	4.38	4.37	4.38	4.39	4.37	4.43	4.46	4.48	4.54	4.57	
1981		1.9	1.3	1.7										1981		4.71	4.72	4.74										
SEPARATIONS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY HOURS														
1977	5.0	4.8	3.4	4.1	4.9	5.2	4.8	7.3	6.4	4.4	3.4	4.3	4.3	1977	36.6	34.5	36.0	35.6	36.4	37.0	37.8	37.2	37.0	36.7	36.9	37.4	37.3	
1978	5.6	4.3	4.0	4.7	4.1	4.6	4.2	5.7	8.7	9.1	7.1	4.9	6.1	1978	36.9	35.6	35.8	36.6	37.4	37.9	38.2	37.4	37.4	36.6	36.9	36.5	36.8	
1979	6.6	5.3	5.2	5.0	7.0	6.8	7.3	7.9	10.6	6.7	6.4	5.7	5.1	1979	36.2	35.9	35.3	35.3	35.0	36.3	37.0	37.1	36.3	36.5	35.9	36.4	37.1	
1980	5.1	5.8	5.4	4.9	6.8	4.8	5.9	5.6	6.6	4.8	4.4	3.3	2.6	1980	36.5	36.7	36.7	36.0	36.6	37.0	37.5	36.4	36.5	36.1	36.1	35.6	36.6	
1981		4.3	3.3	4.4										1981		36.3	36.3	36.3										
QUITS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														
1977	2.3	1.4	1.4	2.1	2.3	2.6	2.0	2.8	4.2	3.4	2.6	1.7	1.7	1977	1.6	1.3	1.5	1.4	1.3	1.7	1.9	1.5	1.8	1.7	1.7	1.8	1.8	
1978	2.6	1.9	1.5	2.2	2.6	2.8	2.2	2.3	4.5	3.8	2.9	2.0	1.9	1978	1.6	1.5	1.5	1.6	1.9	2.0	2.2	1.4	1.6	1.5	1.4	1.2	1.3	
1979	2.6	1.6	2.0	2.4	2.9	3.3	2.6	2.4	3.9	3.4	3.2	2.1	1.5	1979	1.3	1.1	1.1	1.0	.7	1.3	1.6	1.3	1.5	1.8	1.4	1.4	1.4	
1980	1.9	1.8	1.8	2.1	2.3	1.7	1.4	1.9	3.6	2.6	1.7	1.1	1.1	1980	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.0	1.3	1.2	1.1	1.2	1.3	
1981		1.4	1.0	1.6										1981		1.3	1.1	.9										
LAYOFFS PER 100 EMPLOYEES														ACCESSIONS PER 100 EMPLOYEES														
1977	1.7	2.4	1.1	.9	1.5	1.4	1.8	3.5	2.1	1.9	1.0	.9	1.5	1977	7.2	6.2	5.7	6.8	7.1	8.1	7.6	8.0	11.1	7.8	7.1	6.3	4.8	
1978	2.1	1.4	1.6	1.4	.5	.8	1.2	2.6	3.1	4.1	3.4	2.3	3.5	1978	7.7	6.7	5.3	6.7	7.6	9.5	8.0	10.0	12.2	8.0	7.4	5.9	4.5	
1979	3.0	2.8	2.0	1.8	3.4	2.5	3.5	4.7	5.6	2.3	2.3	2.9	2.8	1979	7.1	7.2	4.9	6.5	7.5	8.6	7.2	7.9	11.3	7.1	7.4	5.7	4.4	
1980	2.3	3.3	3.0	2.0	3.6	2.1	3.5	3.0	2.1	1.3	1.7	1.7	.8	1980	6.3	6.9	6.0	6.9	7.4	7.2	5.6	7.9	8.0	6.7	5.6	3.8	3.2	
1981		2.1	1.5	2.1										1981		5.8	4.6	4.9										
SIC 314—FOOTWEAR, EXCEPT RUBBER														NEW HIRES PER 100 EMPLOYEES														
ALL EMPLOYEES—IN THOUSANDS														1977	5.2	3.5	3.5	4.9	5.6	6.5	6.4	4.9	7.0	6.3	5.6	5.0	3.6	
1977	156.9	156.0	155.3	156.3	158.8	162.7	161.8	148.8	156.2	153.6	157.0	158.2	158.0	1978	5.7	4.5	3.9	5.0	6.0	8.1	6.9	6.1	7.8	6.6	5.9	4.4	3.2	
1978	158.4	155.7	157.3	157.4	159.2	161.4	164.7	151.4	161.2	160.1	157.9	158.1	156.4	1979	5.1	4.9	3.4	4.4	5.5	6.7	6.0	4.9	7.0	5.6	5.5	4.3	2.8	
1979	148.9	153.8	152.6	152.6	151.8	154.9	156.6	133.5	149.1	146.7	145.4	145.3	144.9	1980	4.7	5.0	4.2	5.1	5.9	5.9	4.7	4.9	5.3	5.3	4.6	2.9	2.3	
1980	143.4	143.6	144.4	144.4	146.5	147.9	149.1	129.3	145.3	143.4	142.9	143.1	140.9	1981		3.8	3.1	3.7										
1981		141.1	142.4	142.2																								
WOMEN EMPLOYEES—IN THOUSANDS														1977	1.4	2.0	1.7	1.4	.8	1.0	.7	2.4	3.5	1.0	1.0	.9	.7	
1977	103.3	102.7	101.7	102.5	104.1	107.2	106.2	98.1	102.9	101.2	103.7	104.8	104.3	1978	1.5	1.8	1.0	1.0	1.1	.8	.8	3.3	3.9	.9	1.0	1.1	1.1	
1978	105.3	102.8	103.8	103.6	105.6	107.8	110.3	101.3	108.1	106.9	105.3	104.9	103.3	1979	1.6	1.9	1.2	1.5	1.5	1.3	.8	2.4	3.7	1.0	1.3	.9	1.3	
1979	98.1	101.5	100.4	100.4	99.9	102.7	103.6	88.1	97.9	96.6	95.7	95.6	94.3	1980	1.2	1.5	1.4	1.3	.9	.9	.7	2.6	2.3	.9	.8	.6	.7	
1980	94.2	94.0	94.7	94.9	96.6	97.3	98.2	84.8	95.5	94.0	93.7	93.9	92.3	1981		1.7	1.3	1.0										
1981		92.2	93.3	93.2																								
PRODUCTION WORKERS—IN THOUSANDS														1977	7.3	5.9	5.3	6.1	6.6	7.0	6.9	11.8	9.6	9.0	7.0	5.9	6.4	
1977	136.5	135.6	135.2	135.8	138.2	141.7	141.2	129.8	136.2	133.0	136.2	137.8	137.7	1978	8.1	6.4	5.9	6.7	7.2	7.5	8.7	10.2	11.6	9.6	8.8	6.9	7.1	
1978	138.1	135.8	136.9	137.3	139.1	141.5	144.5	132.4	141.3	139.8	136.9	136.9	135.1	1979	7.9	6.6	5.8	6.8	7.2	7.7	8.3	12.5	11.4	9.2	7.4	6.9	5.0	
1979	128.0	133.3	132.1	131.6	130.5	133.8	135.2	114.5	127.6	125.9	124.3	123.9	122.9	1980	6.3	6.3	5.9	6.8	6.6	6.1	5.4	9.1	7.8	6.6	5.9	4.9	4.7	
1980	122.8	122.1	122.8	123.2	124.9	126.7	128.0	110.1	125.2	123.6	122.9	123.1	120.5	1981		5.0	4.8	5.2										
1981		120.9	122.0	121.4																								
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES														
1977	127.37	117.99	124.20	124.24	125.94	128.39	130.79	126.85	127.65	128.45	130.26	132.77	132.79	1977	4.5	3.1	2.9	4.1	4.5	4.9	5.0	4.9	7.2	6.3	4.6	3.9	3.1	
1978	138.38	131.01	132.46	136.15	139.50	141.75	142.87	139.50	139.13	137.98	139.85	140.16	142.05	1978	5.1	3.5	3.6	4.3	5.0	5.8	5.8	5.2	8.6	6.8	5.6	4.1	3.2	
1979	148.06	144.32	141.55	142.97	141.75	147.02	149.85	150.26	148.47	151.48	150.06	153.24	156.93	1979	4.6	4.1	3.4	4.5	4.5	5.3	4.8	4.6	7.7	5.7	4.9	3.6	2.4	
1980	161.33	159.65	159.65	157.68	159.94	162.06	164.63	159.07	161.70	161.01	161.73	161.62	167.26	1980	3.6	3.7	3.4	3.8	4.3	3.8	3.2	3.8	5.0	4.5	3.6	2.5	2.0	
1981		170.97	171.34	172.06										1981		2.7	2.4	2.7										

See footnotes at end of tables.

MANUFACTURING

See footnotes at end of tables.

MANUFACTURING

SIC 316

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 3144—WOMEN'S FOOTWEAR, EXCEPT ATHLETIC (Con.)														SIC 3144—WOMEN'S FOOTWEAR, EXCEPT ATHLETIC (Con.)													
PRODUCTION WORKERS—IN THOUSANDS														SEPARATIONS PER 100 EMPLOYEES													
1977	53.2	53.7	52.4	52.1	53.6	55.6	56.9	51.9	54.4	51.6	51.4	52.1	52.7	1977	7.8	6.0	5.9	6.6	7.6	7.9	7.2	14.5	10.6	9.0	7.4	5.9	5.7
1978	53.5	52.1	52.1	51.3	52.6	54.5	56.2	52.3	55.9	54.9	53.0	53.4	53.5	1978	8.4	6.7	7.1	7.4	7.0	7.9	8.6	11.9	11.8	10.0	9.8	6.7	6.2
1979	50.6	53.4	52.1	51.2	50.4	52.5	53.5	43.2	51.7	50.7	49.8	49.3	49.9	1979	8.3	6.8	6.0	7.3	7.6	7.8	8.3	15.4	12.8	9.9	7.8	6.7	4.4
1980	47.5	50.2	49.2	48.6	48.9	50.1	50.9	43.8	47.4	46.1	45.1	45.0	44.3	1980	6.5	5.9	6.2	7.5	6.6	5.9	4.9	10.7	9.3	6.5	6.2	4.2	4.3
1981		45.0	45.1	44.4										1981		5.8	5.2	6.2									
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														QUITS PER 100 EMPLOYEES													
1977	120.01	111.56	117.95	116.96	121.34	122.02	124.38	120.52	120.96	120.06	119.72	122.82	123.84	1977	4.6	3.0	3.1	4.2	5.0	5.4	5.3	4.8	7.6	5.8	4.2	3.6	3.2
1978	131.77	123.53	123.84	124.89	132.13	135.77	136.86	136.84	133.92	131.39	132.10	133.46	135.36	1978	4.9	3.2	3.2	3.8	4.8	5.7	5.9	5.6	8.8	6.1	5.3	3.4	2.9
1979	138.34	138.06	131.92	130.65	130.32	136.54	141.60	145.10	140.34	140.94	136.86	143.02	149.08	1979	4.5	3.5	3.1	4.4	4.4	5.3	4.8	4.6	8.1	5.1	4.5	3.5	2.5
1980	152.08	153.50	149.76	146.93	149.58	156.09	157.62	153.24	152.22	148.61	149.04	148.68	157.08	1980	3.4	3.6	3.0	3.5	3.8	3.5	3.2	4.0	5.2	4.1	3.1	2.0	1.5
1981		156.80	159.46	158.58										1981		2.4	2.3	2.4									
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	3.39	3.33	3.37	3.43	3.38	3.38	3.38	3.32	3.36	3.44	3.45	3.45	3.44	1977	2.1	1.9	1.9	1.3	1.6	1.1	.6	8.5	1.6	2.1	2.0	1.2	1.6
1978	3.65	3.56	3.60	3.62	3.63	3.64	3.64	3.62	3.60	3.67	3.69	3.77	3.76	1978	2.2	1.8	2.8	2.5	1.1	.9	1.1	5.1	1.4	2.5	3.1	2.2	2.3
1979	3.93	3.90	3.88	3.90	3.89	3.89	3.89	3.89	3.92	3.97	3.99	4.04	4.04	1979	2.6	2.2	1.8	1.8	2.0	1.2	2.1	9.3	2.7	3.6	2.3	2.2	1.0
1980	4.26	4.16	4.16	4.21	4.19	4.23	4.26	4.21	4.30	4.32	4.32	4.36	4.40	1980	2.1	.9	2.3	3.2	1.6	1.2	.6	5.5	3.2	1.5	2.2	1.6	2.1
1981		4.48	4.53	4.57										1981		2.3	1.9	2.8									
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														SIC 316—LUGGAGE													
1977	35.4	33.5	35.0	34.1	35.9	36.1	36.8	36.3	36.0	34.9	34.7	35.6	36.0	ALL EMPLOYEES—IN THOUSANDS													
1978	36.1	34.7	34.4	34.5	36.4	37.3	37.6	37.8	37.2	35.8	35.8	35.4	36.0	1977	17.3	15.4	16.8	17.2	17.6	17.7	17.9	17.0	17.7	17.7	17.9	17.7	16.9
1979	35.2	35.4	34.0	33.5	33.5	35.1	36.4	37.3	35.8	35.5	34.3	35.4	36.9	1978	17.3	15.7	16.7	17.0	17.2	17.4	17.6	16.1	18.0	18.2	18.2	18.1	17.5
1980	35.7	36.9	36.0	34.9	35.7	36.9	37.0	36.4	35.4	34.4	34.5	34.1	35.7	1979	18.0	16.9	17.2	17.7	17.8	18.1	18.7	17.8	18.7	18.6	18.4	18.3	17.7
1981		35.0	35.2	34.7										1980	16.4	16.9	17.2	17.1	16.7	16.4	16.2	16.1	16.1	16.5	16.3	15.8	15.4
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS														1981		14.2	15.1	15.6									
1977	1.5	1.2	1.4	1.4	1.4	1.6	1.8	1.4	1.7	1.4	1.5	1.3	1.5	WOMEN EMPLOYEES—IN THOUSANDS													
1978	1.7	1.3	1.3	1.2	1.9	1.9	2.2	1.8	2.1	1.8	1.6	1.2	1.4	1977	9.1	7.9	8.8	9.0	9.5	9.2	9.5	8.8	9.2	9.3	9.5	9.4	9.0
1979	1.5	1.4	1.3	1.1	.9	1.5	2.0	2.1	1.7	1.9	1.1	1.4	1.5	1978	9.3	8.1	8.8	9.0	9.1	9.3	9.4	8.9	10.0	10.1	9.9	10.0	9.3
1980	1.3	1.4	1.1	1.1	1.4	1.7	1.8	1.3	1.2	1.1	1.1	1.0	1.3	1979	9.8	8.8	9.1	9.5	9.7	9.9	10.0	9.8	10.0	10.1	10.4	10.5	9.9
1981		1.2	1.0	.8										1980	8.8	9.4	9.7	9.4	9.1	8.8	8.7	8.6	8.5	8.8	8.5	8.1	7.9
ACCESSIONS PER 100 EMPLOYEES														PRODUCTION WORKERS—IN THOUSANDS													
1977	7.5	5.3	5.7	7.0	8.6	9.0	8.0	7.2	13.9	7.1	6.7	6.4	5.2	1977	13.5	11.8	13.1	13.6	14.1	14.0	14.1	13.1	13.7	13.8	13.9	13.6	12.9
1978	7.9	5.5	5.1	6.9	8.6	11.1	8.4	9.2	14.8	7.4	7.4	6.0	4.4	1978	13.3	11.7	12.7	13.1	13.2	13.5	13.6	12.1	14.1	14.0	14.1	14.0	13.4
1979	7.6	6.9	4.5	7.5	8.2	9.3	8.0	7.1	13.1	6.4	7.8	6.3	5.4	1979	14.1	13.0	13.5	14.0	14.0	14.3	14.8	14.0	14.6	14.3	14.4	14.3	13.6
1980	6.1	6.5	4.7	7.0	7.6	7.8	5.6	8.0	7.5	6.3	5.3	3.6	3.3	1980	12.3	13.2	13.4	13.0	12.6	12.2	12.2	12.0	12.0	12.4	12.2	11.6	11.2
1981		4.5	4.9	4.2										1981		10.2	11.2	11.9									
NEW HIRES PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	5.2	3.4	3.7	5.0	6.9	6.9	6.7	4.5	6.7	5.3	4.9	4.5	3.7	1977	133.22	129.21	134.69	133.16	128.50	131.04	136.53	132.85	135.42	133.95	135.76	138.70	127.97
1978	5.5	4.1	3.7	4.3	6.1	8.8	6.8	6.4	7.5	5.5	5.2	3.6	3.2	1978	151.48	140.62	133.33	146.52	148.96	148.96	154.71	156.29	148.78	159.89	156.46	162.11	160.45
1979	4.9	4.7	2.9	4.1	5.4	6.6	6.3	4.3	7.3	4.5	5.0	4.5	3.1	1979	159.56	152.51	150.08	150.73	146.20	156.56	155.81	153.79	160.00	173.07	175.80	169.34	170.20
1980	4.3	5.2	3.4	4.3	5.5	6.0	4.6	5.0	5.0	4.4	3.8	2.5	1.9	1980	178.85	161.98	166.85	169.44	176.66	179.19	181.54	193.67	194.31	181.05	178.24	176.05	187.86
1981		3.1	2.6	2.7										1981		182.59	193.92	194.43									
RECALLS PER 100 EMPLOYEES														PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1.7	1.0	1.4	1.3	.8	1.3	.7	2.1	6.7	1.2	1.3	1.4	.8	1977	3.66	3.65	3.65	3.57	3.54	3.60	3.69	3.67	3.65	3.69	3.74	3.80	3.72
1978	1.9	.9	.7	1.5	1.9	1.4	1.2	2.3	6.7	1.2	1.6	1.9	.8	1978	4.15	3.95	3.98	4.07	4.07	4.07	4.17	4.19	4.11	4.23	4.24	4.30	4.36
1979	2.0	1.7	1.2	2.5	2.3	1.8	1.2	2.4	5.0	1.3	1.8	1.4	1.8	1979	4.42	4.26	4.35	4.27	4.25	4.41	4.34	4.32	4.42	4.64	4.59	4.54	4.60
1980	1.4	.9	.9	2.0	1.6	1.6	.7	2.6	2.2	1.4	1.2	.9	1.3	1980	4.90	4.75	4.70	4.80	4.88	4.95	4.88	5.11	5.10	4.88	4.87	4.81	5.05
1981		1.3	2.2	1.4										1981		5.03	5.05	4.96									

See footnotes at end of tables.

SIC 316
MANUFACTURING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 316—LUGGAGE (Con.)														SIC 317—HANDBAGS AND PERSONAL LEATHER GOODS (Con.)													
PRODUCTION-WORKER AVERAGE WEEKLY HOURS														PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS													
1977	36.4	35.4	36.9	37.3	36.3	36.4	37.0	36.2	37.1	36.3	36.3	36.5	34.4	1977	1.9	1.5	2.0	1.6	1.2	1.8	2.2	1.6	2.2	2.4	2.6	2.2	1.8
1978	36.5	35.6	33.5	36.0	36.6	36.6	37.1	37.3	36.2	37.8	36.9	37.7	36.8	1978	1.9	1.1	2.0	1.9	1.6	1.3	2.1	1.8	2.1	2.5	2.2	2.5	1.6
1979	36.1	35.8	34.5	35.3	34.4	35.5	35.9	35.6	36.2	37.3	38.3	37.3	37.0	1979	1.7	1.6	1.8	1.7	1.1	1.5	1.8	1.6	2.1	2.1	2.0	1.8	1.7
1980	36.5	34.1	35.5	35.3	36.2	36.2	37.2	37.9	38.1	37.1	36.6	36.6	37.2	1980	1.5	1.3	1.3	1.8	1.3	1.4	1.4	1.2	1.6	1.5	2.1	1.9	1.7
1981		36.3	38.4	39.2										1981		1.9	1.9	1.5									
PRODUCTION-WORKER AVERAGE WEEKLY OVERTIME HOURS																											
1977	1.6	1.1	1.5	1.5	1.4	1.8	1.7	1.7	1.9	1.7	1.8	1.9	1.3														
1978	1.9	1.4	1.7	1.6	1.6	1.6	1.9	1.9	1.5	2.7	2.0	2.1	2.2														
1979	1.7	1.9	1.4	1.4	.7	2.0	1.7	.9	.6	2.1	2.0	3.0	2.8														
1980	2.4	2.5	1.9	2.4	2.9	2.1	2.4	3.3	3.0	2.4	2.1	2.1	2.1														
1981		1.7	1.4	1.7																							
SIC 317—HANDBAGS AND PERSONAL LEATHER GOODS																											
ALL EMPLOYEES—IN THOUSANDS																											
1977	33.1	33.3	34.1	33.7	31.7	31.9	33.1	31.6	34.2	33.5	34.3	33.9	31.9														
1978	32.4	31.5	31.9	32.9	32.5	32.1	33.0	30.5	32.8	32.9	33.6	33.2	31.9														
1979	32.8	31.3	31.8	32.4	32.4	32.9	33.9	31.4	33.8	33.7	34.2	33.7	31.9														
1980	29.7	30.5	31.4	31.3	29.9	29.1	28.7	27.8	30.0	30.1	29.6	29.5	28.7														
1981		27.7	28.4	28.8																							
WOMEN EMPLOYEES—IN THOUSANDS																											
1977	23.7	23.7	24.4	24.1	22.4	22.7	23.6	22.5	24.7	24.3	24.8	24.5	22.7														
1978	23.1	22.6	23.0	23.4	23.2	22.7	23.4	21.6	23.3	23.3	24.0	23.5	22.7														
1979	23.6	22.5	22.9	23.3	23.4	23.8	24.4	22.3	24.5	24.5	24.8	24.1	22.9														
1980	20.9	21.4	22.1	22.0	21.2	20.6	20.4	19.5	20.9	21.1	20.5	20.5	20.0														
1981		19.2	19.4	19.7																							
PRODUCTION WORKERS—IN THOUSANDS																											
1977	27.7	27.9	28.7	28.4	26.3	26.6	27.7	26.2	28.9	28.1	28.6	28.3	26.3														
1978	27.2	25.9	26.5	27.9	27.4	26.9	27.9	25.5	27.6	27.8	28.5	28.2	26.8														
1979	28.1	26.3	27.0	27.6	27.7	28.2	29.0	26.8	29.2	29.1	29.4	29.1	27.2														
1980	25.2	25.9	26.9	26.8	25.4	24.6	24.4	23.4	25.6	25.5	25.0	25.0	24.2														
1981		23.1	23.8	24.1																							
PRODUCTION-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS																											
1977	128.71	119.31	128.59	127.94	121.77	128.76	132.24	127.72	130.50	130.18	134.43	132.30	130.13														
1978	136.52	126.72	131.30	132.47	133.21	134.65	140.24	138.38	138.38	141.38	137.61	144.02	141.75														
1979	148.34	141.93	147.26	147.68	142.36	146.29	150.35	147.57	151.53	152.93	152.22	150.63	150.69														
1980	155.45	150.18	153.97	154.93	153.51	157.01	155.79	147.99	154.34	154.61	161.09	162.34	161.01														
1981		161.98	164.06	165.04																							
PRODUCTION-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS																											
1977	3.46	3.38	3.42	3.43	3.43	3.48	3.48	3.48	3.48	3.49	3.51	3.50	3.47														
1978	3.72	3.60	3.73	3.69	3.69	3.73	3.71	3.71	3.70	3.75	3.77	3.79	3.79														
1979	4.02	3.91	3.98	3.97	4.01	4.03	4.02	4.01	4.03	4.10	4.07	4.06	4.04														
1980	4.33	4.16	4.23	4.21	4.30	4.29	4.28	4.34	4.36	4.43	4.45	4.46	4.46														
1981		4.55	4.57	4.61																							
PRODUCTION-WORKER AVERAGE WEEKLY HOURS																											
1977	37.2	35.3	37.6	37.3	35.5	37.0	38.0	36.7	37.5	37.3	38.3	37.8	37.5														
1978	36.7	35.2	35.2	35.9	36.1	36.1	37.8	37.3	37.4	37.7	36.5	38.0	37.4														
1979	36.9	36.3	37.0	37.2	35.5	36.3	37.4	36.8	37.6	37.3	37.4	37.1	37.3														
1980	35.9	36.1	36.4	36.8	35.7	36.6	36.4	34.1	35.4	34.9	36.2	36.4	36.1														
1981		35.6	35.9	35.8																							

See footnotes at end of tables.

SERVICE-PRODUCING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS ⁹													
1977	58,125	56,375	56,524	57,005	57,525	57,995	58,423	57,876	57,900	58,647	59,219	59,738	60,274
1978	61,113	59,136	59,436	60,053	60,731	61,241	61,672	60,961	60,968	61,445	62,034	62,587	63,086
1979	63,363	61,881	62,146	62,661	63,006	63,512	63,882	63,068	63,078	63,510	64,114	64,561	64,934
1980	64,847	63,716	63,994	64,454	64,949	65,124	65,220	64,422	64,311	64,783	65,356	65,722	66,109
1981		64,852	65,101	65,428									
WOMEN EMPLOYEES—IN THOUSANDS ⁹													
1977	27,003	26,125	26,258	26,536	26,754	26,997	27,093	26,437	26,456	27,221	27,694	28,041	28,426
1978	28,705	27,776	27,919	28,229	28,567	28,823	28,897	28,138	28,119	28,842	29,321	29,730	30,097
1979	30,185	29,437	29,545	29,818	30,057	30,233	30,260	29,555	29,674	30,215	30,754	31,187	31,487
1980	31,435	30,825	31,014	31,222	31,465	31,547	31,486	30,731	30,711	31,487	31,918	32,262	32,547
1981		31,869	31,975	32,115									

PRIVATE SERVICE-PRODUCING

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS ¹⁰													
1977	42,999	41,428	41,393	41,806	42,337	42,742	43,210	43,315	43,447	43,674	43,801	44,149	44,680
1978	45,441	43,659	43,699	44,175	44,800	45,255	45,792	45,829	45,994	46,085	46,238	46,631	47,134
1979	47,416	46,103	46,137	46,559	46,871	47,335	47,780	47,679	47,773	47,823	47,999	48,275	48,654
1980	48,598	47,614	47,622	47,921	48,211	48,481	48,743	48,811	48,881	48,942	49,025	49,249	49,674
1981		48,636	48,643	48,935									
WOMEN EMPLOYEES—IN THOUSANDS ¹⁰													
1977	20,097	19,313	19,306	19,516	19,726	19,929	20,116	20,095	20,186	20,425	20,558	20,807	21,181
1978	21,489	20,603	20,589	20,826	21,109	21,329	21,531	21,530	21,657	21,816	21,973	22,271	22,631
1979	22,735	22,049	22,023	22,237	22,443	22,623	22,791	22,699	22,813	22,962	23,136	23,374	23,671
1980	23,682	23,088	23,117	23,242	23,392	23,546	23,664	23,659	23,730	23,903	24,022	24,256	24,566
1981		23,993	23,967	24,086									
NONSUPERVISORY WORKERS—IN THOUSANDS ¹¹													
1977	37,405	35,993	35,958	36,333	36,831	37,210	37,621	37,689	37,794	37,986	38,101	38,420	38,921
1978	39,430	37,912	37,916	38,349	38,921	39,311	39,757	39,759	39,880	39,954	40,061	40,436	40,905
1979	41,016	39,867	39,888	40,270	40,524	40,951	41,352	41,233	41,310	41,343	41,521	41,782	42,147
1980	42,015	41,103	41,144	41,422	41,691	41,938	42,159	42,221	42,267	42,298	42,375	42,580	42,976
1981		41,945	41,908	42,159									

See footnotes at end of tables.

TRANSPORTATION AND PUBLIC UTILITIES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS														SIC 4011—CLASS I RAILROADS ¹²													
1977	4,713	4,589	4,591	4,603	4,642	4,697	4,750	4,747	4,745	4,808	4,782	4,793	4,810	1977	502.2	487.1	483.9	486.7	500.7	506.9	515.5	516.2	514.5	511.0	505.9	504.9	493.0
1978	4,923	4,744	4,761	4,804	4,860	4,903	4,983	4,924	4,946	4,994	5,031	5,053	5,071	1978	490.2	471.0	467.9	469.7	485.3	496.5	505.4	486.3	489.1	490.7	508.5	509.9	501.9
1979	5,136	4,997	5,015	5,045	4,974	5,109	5,215	5,182	5,190	5,221	5,223	5,232	5,227	1979	502.6	488.1	485.8	489.6	494.2	506.8	514.3	513.3	518.0	508.3	511.0	507.3	494.6
1980	5,143	5,123	5,115	5,127	5,134	5,156	5,177	5,132	5,134	5,159	5,166	5,147	5,150	1980	481.9	484.1	481.5	481.6	486.6	491.7	485.3	483.3	481.2	481.3	480.7	477.1	468.6
1981		5,063	5,076	5,095										1981		460.2	459.1	459.5									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1,051	1,026	1,021	1,029	1,034	1,046	1,056	1,048	1,048	1,067	1,072	1,077	1,086	1977	321.47	311.47	324.24	313.28	312.91	310.03	315.86	321.82	327.87	331.25	322.41	337.57	330.81
1978	1,133	1,084	1,091	1,100	1,110	1,119	1,138	1,125	1,134	1,157	1,172	1,178	1,188	1978	343.92	327.05	361.15	351.26	328.60	347.14	342.85	326.34	342.27	324.41	357.21	354.53	359.75
1979	1,237	1,199	1,205	1,212	1,201	1,221	1,249	1,232	1,237	1,262	1,266	1,278	1,277	1979	392.47	375.76	394.65	379.30	381.50	368.51	380.61	405.28	405.84	395.40	406.73	414.85	397.11
1980	1,291	1,270	1,275	1,280	1,279	1,289	1,294	1,275	1,276	1,298	1,319	1,316	1,318	1980	426.56	410.13	402.41	405.77	420.20	409.88	413.17	440.80	431.76	448.49	446.90	433.24	456.12
1981		1,307	1,312	1,318										1981		446.68	469.10	452.12									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4,008	3,902	3,900	3,917	3,951	4,000	4,050	4,042	4,037	4,093	4,061	4,064	4,080	1977	7.39	7.21	7.27	7.12	7.21	7.16	7.13	7.59	7.52	7.58	7.64	7.62	7.64
1978	4,142	4,009	4,018	4,053	4,104	4,136	4,200	4,136	4,152	4,190	4,222	4,239	4,246	1978	7.87	7.75	7.92	7.72	7.75	7.68	7.67	7.77	7.64	8.01	8.10	8.15	8.27
1979	4,299	4,179	4,189	4,215	4,149	4,278	4,376	4,342	4,348	4,375	4,378	4,382	4,372	1979	8.94	8.54	8.77	8.64	8.71	8.59	8.67	9.19	9.12	9.26	9.14	9.26	9.30
1980	4,291	4,272	4,267	4,281	4,287	4,308	4,320	4,279	4,275	4,304	4,311	4,291	4,294	1980	9.92	9.45	9.65	9.57	9.55	9.51	9.52	10.11	10.28	10.31	10.25	10.49	10.39
1981		4,206	4,213	4,227										1981		10.51	10.71	10.49									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	278.90	263.70	269.33	268.25	272.34	274.22	277.38	281.90	283.01	285.29	287.36	291.85	293.46	1977	43.5	43.2	44.6	44.0	43.4	43.3	44.3	42.4	43.6	43.7	42.2	44.3	43.3
1978	302.80	288.86	296.34	295.47	296.91	298.05	300.70	302.00	307.89	307.68	310.80	310.02	315.17	1978	43.7	42.2	45.6	45.5	42.4	45.2	44.7	42.0	44.8	40.5	44.1	43.5	43.5
1979	325.58	312.84	315.61	314.02	308.11	314.82	321.60	327.20	334.49	336.36	336.80	341.70	341.20	1979	43.9	44.0	45.0	43.9	43.8	42.9	43.9	44.1	44.5	42.7	44.5	44.8	42.7
1980	351.25	337.33	337.66	340.10	343.65	342.30	345.23	354.71	354.92	358.09	365.76	368.02	372.00	1980	43.0	43.4	41.7	42.4	44.0	43.1	43.4	43.6	42.0	43.5	43.6	41.3	43.9
1981		367.60	373.28	371.15										1981		42.5	43.8	43.1									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 41—LOCAL AND INTERURBAN PASSENGER TRANSIT													
1977	6.99	6.71	6.75	6.74	6.86	6.89	6.90	7.03	7.04	7.15	7.22	7.26	7.30	ALL EMPLOYEES—IN THOUSANDS													
1978	7.57	7.35	7.39	7.35	7.46	7.47	7.48	7.55	7.64	7.75	7.77	7.77	7.84	1977	261.5	275.2	273.5	272.7	267.5	274.2	262.1	229.1	226.3	263.2	265.0	264.0	265.0
1979	8.16	7.90	7.91	7.89	7.88	7.93	8.02	8.18	8.30	8.43	8.42	8.50	8.53	1978	258.2	265.1	265.9	267.7	265.5	265.7	258.5	221.6	220.0	262.8	266.7	269.1	269.8
1980	8.87	8.54	8.57	8.61	8.70	8.71	8.74	8.89	8.94	9.02	9.19	9.27	9.30	1979	262.6	269.2	270.6	271.3	266.8	273.3	261.2	223.2	218.9	272.9	273.9	274.8	275.3
1981		9.33	9.45	9.42										1980	265.8	273.7	274.8	275.3	269.5	278.3	268.3	224.5	223.2	273.2	277.0	275.7	275.9
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	39.9	39.3	39.9	39.8	39.7	39.8	40.2	40.1	40.2	39.9	39.8	40.2	40.2	1977	49.8	57.3	52.7	53.8	52.4	54.8	49.7	32.1	31.5	51.6	53.5	53.9	54.6
1978	40.0	39.3	40.1	40.2	39.8	39.9	40.2	40.0	40.3	39.7	40.0	39.9	40.2	1978	53.2	54.7	55.3	56.6	57.3	57.5	54.9	33.5	34.0	56.5	58.2	59.3	60.5
1979	39.9	39.6	39.9	39.8	39.1	39.7	40.1	40.0	40.3	39.9	40.0	40.2	40.0	1979	59.0	60.5	60.7	60.9	60.5	62.4	59.0	37.1	36.0	67.7	66.9	67.4	68.4
1980	39.6	39.5	39.4	39.5	39.5	39.3	39.5	39.9	39.7	39.7	39.8	39.7	40.0	1980	64.6	67.8	68.6	69.4	66.2	70.2	65.9	41.4	39.9	69.7	72.2	72.0	72.2
1981		39.4	39.5	39.4										1981		71.1	71.9	72.7									
SIC 40—RAILROAD TRANSPORTATION																											
ALL EMPLOYEES—IN THOUSANDS																											
1977	544.9	530.4	527.0	530.5	543.0	550.0	559.0	560.0	557.0	553.1	547.9	546.7	534.1	1977	49.8	57.3	52.7	53.8	52.4	54.8	49.7	32.1	31.5	51.6	53.5	53.9	54.6
1978	539.2	518.5	515.3	517.7	534.2	546.7	562.4	532.7	536.5	538.9	556.9	559.1	551.2	1978	53.2	54.7	55.3	56.6	57.3	57.5	54.9	33.5	34.0	56.5	58.2	59.3	60.5
1979	556.3	537.0	535.3	540.1	545.4	559.4	570.3	569.4	574.7	564.1	567.2	563.2	549.3	1979	59.0	60.5	60.7	60.9	60.5	62.4	59.0	37.1	36.0	67.7	66.9	67.4	68.4
1980	535.7	537.9	535.4	535.7	541.3	546.5	539.3	537.1	534.8	534.9	534.5	529.9	520.9	1980	64.6	67.8	68.6	69.4	66.2	70.2	65.9	41.4	39.9	69.7	72.2	72.0	72.2
1981		511.3	510.1	510.6										1981		71.1	71.9	72.7									

See footnotes at end of tables.

TRANSPORTATION AND PUBLIC UTILITIES

SIC 413

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 41—LOCAL AND INTERURBAN PASSENGER TRANSIT (Con.)														SIC 411—LOCAL AND SUBURBAN TRANSPORTATION (Con.)													
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	242.1	256.3	254.5	254.5	248.9	256.2	243.7	210.4	206.6	242.6	244.4	243.1	244.0	1977	6.19	5.79	5.92	5.88	6.02	6.10	6.13	6.28	6.33	6.36	6.43	6.47	6.63
1978	237.9	244.2	244.9	247.1	245.0	245.2	238.7	202.1	200.1	242.5	246.9	248.8	249.0	1978	6.84	6.61	6.73	6.78	6.85	6.76	6.79	6.98	6.97	6.91	6.98	6.85	6.89
1979	242.0	248.3	249.8	250.5	245.8	252.5	241.0	203.6	199.9	251.8	253.1	253.5	254.1	1979	6.92	6.83	6.93	6.89	6.89	6.92	6.99	7.08	7.05	6.89	6.84	6.82	6.91
1980	245.0	252.2	253.5	254.2	248.7	257.5	246.5	204.2	203.2	252.6	256.8	255.3	255.5	1980	6.97	6.83	6.93	6.87	6.89	6.94	6.98	7.07	7.10	6.97	7.04	6.99	6.98
1981		254.4	255.8	256.7										1981		7.14	7.13	7.15									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	177.45	167.46	167.04	167.17	171.77	174.80	179.83	199.66	200.63	177.84	179.92	175.42	178.84	1977	41.5	41.2	42.0	41.7	40.9	41.7	42.3	42.5	40.8	41.2	40.6	41.0	
1978	192.08	178.49	180.97	183.40	188.10	185.98	190.28	216.31	215.43	192.19	195.50	195.96	192.10	1978	41.3	40.5	41.8	41.9	42.1	41.9	40.3	40.7	41.1	40.1	41.9	42.0	41.4
1979	207.06	192.66	195.96	192.89	201.95	203.35	208.38	236.50	235.88	210.11	206.14	206.11	206.45	1979	41.0	40.2	42.2	40.8	43.2	41.4	41.6	41.7	41.0	39.8	40.8	40.2	39.3
1980	216.83	201.35	203.07	205.84	211.20	212.38	218.49	246.93	248.03	218.40	218.83	215.90	213.86	1980	39.4	39.1	39.7	39.1	40.0	39.2	39.3	40.2	40.1	39.1	39.0	38.9	
1981		218.74	216.75	215.41										1981		39.0	38.7	38.7									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 412—TAXICABS													
1977	5.07	4.84	4.80	4.79	4.95	4.98	5.08	5.31	5.35	5.20	5.20	5.19	5.26	ALL EMPLOYEES—IN THOUSANDS													
1978	5.60	5.36	5.37	5.41	5.50	5.47	5.58	5.91	5.87	5.72	5.75	5.68	5.65	1977	70.4	75.3	76.8	75.2	74.0	71.4	69.8	68.3	67.6	67.1	66.7	66.3	66.8
1979	5.95	5.70	5.68	5.69	5.82	5.81	5.92	6.29	6.29	6.09	6.01	6.08	6.09	1978	63.9	66.3	66.9	66.4	65.0	64.3	63.2	62.2	62.1	61.9	62.3	62.9	63.5
1980	6.34	6.12	6.08	6.20	6.23	6.21	6.37	6.71	6.74	6.50	6.38	6.35	6.29	1979	59.6	63.3	63.9	63.1	61.4	60.2	59.0	57.7	56.2	57.6	57.9	57.5	
1981		6.51	6.47	6.43										1980	53.7	57.2	56.6	55.5	54.3	54.0	53.0	52.0	50.9	51.1	52.7	53.3	53.3
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														1981		53.4	52.7	52.4									
1977	35.0	34.6	34.8	34.9	34.7	35.1	35.4	37.6	37.5	34.2	34.6	33.8	34.0	WOMEN EMPLOYEES—IN THOUSANDS													
1978	34.3	33.3	33.7	33.9	34.2	34.0	34.1	36.6	36.7	33.6	34.0	34.5	34.0	1977	6.6	6.3	6.6	6.5	6.7	6.8	6.5	6.5	6.5	6.8	6.8	6.8	6.8
1979	34.8	33.8	34.5	33.9	34.7	35.0	35.2	37.6	37.5	34.5	34.3	33.9	33.9	1978	7.0	6.8	6.9	6.9	7.1	7.0	6.8	6.7	6.7	6.9	7.0	7.3	7.4
1980	34.2	32.9	33.4	33.2	33.9	34.2	34.3	36.8	36.8	33.6	34.3	34.0	34.0	1979	7.0	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.2	6.9	6.8	7.1	7.1
1981		33.6	33.5	33.5										1980	6.8	6.8	6.6	6.8	6.8	6.9	6.7	6.6	6.4	6.8	7.1	7.1	7.2
SIC 411—LOCAL AND SUBURBAN TRANSPORTATION														1981		7.2	7.2	7.3									
ALL EMPLOYEES—IN THOUSANDS														SIC 413—INTERCITY HIGHWAY TRANSPORTATION													
1977	71.1	70.2	71.1	70.3	70.3	70.7	71.1	72.0	70.7	71.5	71.7	71.8	71.9	ALL EMPLOYEES—IN THOUSANDS													
1978	71.6	72.1	72.0	72.0	69.5	68.4	71.6	73.0	71.3	72.5	71.9	72.8	72.6	1977	37.4	38.8	36.1	36.3	37.1	37.5	38.5	39.8	39.5	38.1	36.1	35.2	35.3
1979	75.8	73.8	74.5	74.7	75.0	76.5	74.4	75.2	75.4	77.0	77.2	77.8	77.8	1978	36.1	35.5	33.7	33.8	35.0	36.0	37.3	38.6	38.4	37.2	35.7	35.5	36.2
1980	79.2	77.6	77.6	77.9	76.6	78.3	78.5	78.1	78.7	82.2	82.1	81.4	81.5	1979	36.7	35.5	34.2	34.4	35.2	36.1	37.3	38.8	39.5	38.6	37.0	36.8	37.5
1981		81.9	81.9	83.0										1980	38.3	36.7	35.7	35.8	37.1	38.1	39.4	40.6	41.8	40.5	38.2	37.7	38.4
WOMEN EMPLOYEES—IN THOUSANDS														1981		37.5	37.5	37.7									
1977	7.8	7.6	7.7	7.9	7.8	7.7	7.7	7.4	7.4	7.7	8.2	8.3	8.5	WOMEN EMPLOYEES—IN THOUSANDS													
1978	9.2	8.7	8.8	8.7	8.5	8.6	9.2	9.1	9.2	9.6	9.4	9.8	10.3	1977	5.2	8.8	5.0	4.9	4.9	4.9	4.9	5.1	5.1	4.9	4.6	4.5	4.4
1979	11.4	10.5	10.7	10.7	11.0	11.2	11.0	11.2	11.3	12.0	12.1	12.3	12.5	1978	4.5	4.6	4.3	4.3	4.3	4.4	4.5	4.7	4.7	4.6	4.5	4.3	4.6
1980	13.5	12.6	12.8	13.0	12.6	13.0	12.9	12.7	13.0	14.7	14.7	14.7	14.9	1979	4.7	4.5	4.5	4.4	4.4	4.5	4.6	4.6	5.1	5.1	4.9	4.9	5.0
1981		14.8	15.2	15.3										1980	5.1	4.9	4.8	4.8	4.9	5.0	5.2	5.5	5.3	5.4	5.2	5.2	5.2
NONSUPERVISORY WORKERS—IN THOUSANDS														1981		5.0	5.0	5.0									
1977	65.2	63.9	64.8	64.4	64.3	64.7	65.3	66.1	65.0	65.7	65.8	65.9	65.9	NONSUPERVISORY WORKERS—IN THOUSANDS													
1978	66.1	66.1	66.0	66.2	63.8	62.7	66.2	67.6	65.9	67.1	66.7	67.5	67.1	1977	34.1	35.4	32.8	33.1	33.9	34.2	35.2	36.5	36.3	34.8	32.9	32.1	32.3
1979	70.0	68.3	69.1	69.3	69.5	70.9	68.8	69.7	69.8	71.1	71.4	71.4	71.2	1978	33.1	32.5	30.7	30.9	32.0	33.1	34.3	35.6	35.4	34.2	32.7	32.6	33.3
1980	72.4	70.5	70.7	71.0	69.9	71.4	71.6	70.8	71.9	75.8	75.6	74.8	74.8	1979	33.8	32.6	31.3	31.4	32.2	33.3	34.4	36.0	36.6	35.8	34.1	33.9	34.5
1981		75.1	75.1	76.1										1980	35.2	33.8	32.8	32.9	34.3	35.2	36.4	37.6	38.6	37.0	34.7	34.2	35.0
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1981		34.2	34.3	34.5									
1977	256.89	238.55	248.64	245.20	246.22	254.37	259.30	266.90	269.03	259.49	264.92	262.68	271.83	NONSUPERVISORY WORKERS—IN THOUSANDS													
1978	282.49	267.71	281.31	284.08	288.39	283.24	273.64	284.09	286.47	277.09	292.46	287.70	285.25	1977	34.1	35.4	32.8	33.1	33.9	34.2	35.2	36.5	36.3	34.8	32.9	32.1	32.3
1979	283.72	274.57	292.45	281.11	297.65	286.49	290.78	295.24	289.05	274.22	279.07	274.16	271.56	1978	33.1	32.5	30.7	30.9	32.0	33.1	34.3	35.6	35.4	34.2	32.7	32.6	33.3
1980	274.62	267.05	275.12	268.62	275.60	272.05	274.31	284.21	284.71	272.53	275.26	272.61	271.52	1979	33.8	32.6	31.3	31.4	32.2	33.3	34.4	36.0	36.6	35.8	34.1	33.9	34.5
1981		278.46	275.93	276.71										1980	35.2	33.8	32.8	32.9	34.3	35.2	36.4	37.6	38.6	37.0	34.7	34.2	35.0

SIC 413
TRANSPORTATION AND PUBLIC UTILITIES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 413—INTERCITY HIGHWAY TRANSPORTATION (Con.)

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	283.12	279.29	265.91	266.42	301.55	282.72	288.03	299.44	300.66	284.60	286.52	270.82	263.77
1978	297.54	283.56	274.64	272.58	297.83	282.72	298.83	323.11	313.36	304.05	312.42	312.58	287.45
1979	335.04	306.81	298.39	302.28	342.10	323.47	333.89	366.43	357.19	363.17	332.10	349.00	335.37
1980	350.53	328.35	307.15	337.21	347.33	337.46	353.78	380.07	372.91	365.74	366.54	368.81	336.24
1981		383.77	367.14	336.17									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	7.49	7.61	7.11	7.22	7.52	7.44	7.54	7.60	7.67	7.63	7.56	7.44	7.43
1978	8.02	7.79	7.65	7.70	7.90	7.81	7.99	8.18	8.29	8.33	8.20	8.14	8.12
1979	8.84	8.57	8.22	8.42	8.51	8.58	8.65	9.07	9.02	9.36	9.00	9.16	9.29
1980	9.93	9.89	9.48	9.86	9.49	9.40	9.80	10.30	10.33	10.42	10.21	10.16	9.69
1981		10.69	10.43	10.44									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	37.8	36.7	37.4	36.9	40.1	38.0	38.2	39.4	39.2	37.3	37.9	36.4	35.5
1978	37.1	36.4	35.9	35.4	37.7	36.2	37.4	39.5	37.8	36.5	38.1	38.4	35.4
1979	37.9	35.8	36.3	35.9	40.2	37.7	38.6	40.4	39.6	38.8	36.9	38.1	36.1
1980	35.3	33.2	32.4	34.2	36.6	35.9	36.1	36.9	36.1	35.1	35.9	36.3	34.7
1981		35.9	35.2	32.2									

SIC 415—SCHOOL BUSES

ALL EMPLOYEES—IN THOUSANDS													
1977	70.5	79.0	77.5	78.6	73.9	81.6	69.7	37.1	36.3	74.6	78.6	79.2	80.0
1978	73.4	80.1	81.3	82.4	82.5	83.1	72.5	34.9	35.0	77.5	82.9	84.1	84.3
1979	76.7	83.6	84.7	85.5	81.3	85.7	76.1	38.8	36.1	85.2	87.1	87.6	88.3
1980	79.7	88.4	90.1	90.8	86.3	91.7	81.5	39.6	37.6	84.4	88.7	88.6	88.5
1981		87.8	89.2	89.4									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	28.2	32.5	31.5	32.4	30.9	33.3	28.5	11.3	10.7	30.1	31.7	32.1	32.8
1978	30.3	32.5	33.1	34.3	34.8	35.0	32.0	10.9	11.3	33.0	34.8	35.5	35.8
1979	33.5	35.6	35.7	36.1	35.5	37.1	34.0	12.6	11.5	41.1	40.5	40.6	41.3
1980	36.6	40.9	41.7	42.0	39.2	42.6	38.4	14.4	12.9	40.1	42.5	42.4	42.4
1981		41.6	42.0	42.4									

SIC 42—TRUCKING AND WAREHOUSING

ALL EMPLOYEES—IN THOUSANDS													
1977	1,219.5	1,145.0	1,158.3	1,158.8	1,183.2	1,202.0	1,231.1	1,239.2	1,250.0	1,270.8	1,261.0	1,261.7	1,272.5
1978	1,302.5	1,224.1	1,230.0	1,259.4	1,275.5	1,293.9	1,318.9	1,310.4	1,324.2	1,336.4	1,343.7	1,351.9	1,361.6
1979	1,339.4	1,291.0	1,303.8	1,319.7	1,261.4	1,350.2	1,372.7	1,364.0	1,356.7	1,360.2	1,365.0	1,362.3	1,365.8
1980	1,275.8	1,290.2	1,282.1	1,284.9	1,275.8	1,260.6	1,269.8	1,263.0	1,270.1	1,269.8	1,282.5	1,279.1	1,281.1
1981		1,219.8	1,213.9	1,219.6									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	127.4	120.8	120.7	120.2	122.9	125.6	128.4	130.3	130.7	132.5	132.3	131.7	132.5
1978	140.3	131.1	131.9	133.0	135.2	138.3	141.6	141.7	144.1	144.3	146.0	147.2	149.3
1979	151.2	144.9	145.4	147.3	142.5	148.8	152.9	153.4	154.1	153.9	155.4	158.5	157.5
1980	151.3	152.9	151.3	151.0	150.5	149.7	150.7	149.4	150.8	149.3	152.9	152.7	153.9
1981		149.3	148.3	149.1									

SIC 42—TRUCKING AND WAREHOUSING (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	1,078.3	1,005.8	1,019.0	1,022.6	1,044.8	1,062.0	1,090.0	1,097.4	1,106.5	1,126.2	1,117.0	1,118.7	1,129.4
1978	1,154.0	1,080.4	1,086.9	1,114.5	1,129.4	1,146.2	1,170.0	1,161.7	1,174.2	1,184.8	1,192.3	1,200.2	1,206.9
1979	1,183.7	1,139.9	1,153.4	1,168.4	1,108.8	1,194.6	1,216.1	1,206.2	1,199.1	1,202.2	1,206.6	1,201.9	1,206.7
1980	1,117.7	1,131.0	1,121.7	1,126.7	1,117.2	1,104.1	1,112.6	1,106.4	1,110.4	1,112.6	1,124.2	1,121.6	1,123.8
1981		1,062.1	1,056.2	1,061.5									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	287.55	261.74	273.38	274.19	281.90	286.84	292.74	290.29	293.66	294.76	295.97	294.59	305.21
1978	313.50	285.87	297.54	301.32	313.07	313.56	316.27	317.12	318.71	319.97	321.17	318.80	331.25
1979	331.10	312.03	322.00	326.03	293.46	327.16	333.20	333.48	337.68	341.65	343.33	342.86	353.50
1980	358.68	336.87	340.95	344.18	349.07	354.77	358.02	354.24	363.27	366.42	370.83	373.41	386.40
1981		372.27	376.16	378.49									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	7.10	6.66	6.75	6.77	7.03	7.10	7.14	7.15	7.18	7.26	7.29	7.31	7.39
1978	7.76	7.33	7.42	7.44	7.73	7.80	7.79	7.83	7.85	7.92	7.93	7.95	8.04
1979	8.34	7.96	8.05	8.09	7.91	8.22	8.33	8.40	8.40	8.52	8.67	8.68	8.75
1980	9.15	8.66	8.72	8.78	9.02	9.12	9.11	9.13	9.22	9.30	9.46	9.55	9.66
1981		9.57	9.67	9.68									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	40.5	39.3	40.5	40.5	40.1	40.4	41.0	40.6	40.9	40.6	40.6	40.3	41.3
1978	40.4	39.0	40.1	40.5	40.5	40.2	40.6	40.5	40.6	40.4	40.5	40.1	41.2
1979	39.7	39.2	40.0	40.3	37.1	39.8	40.0	39.7	40.2	40.1	39.6	39.5	40.4
1980	39.2	38.9	39.1	39.2	38.7	38.9	39.3	38.8	39.4	39.4	39.2	39.1	40.0
1981		38.9	38.9	39.1									

TRANSPORTATION AND PUBLIC UTILITIES

SIC 46

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 421,3—TRUCKING AND TRUCKING TERMINALS (Con.)														SIC 44—WATER TRANSPORTATION													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	7.23	6.79	6.87	6.90	7.16	7.24	7.27	7.28	7.31	7.40	7.44	7.47	7.54	1977	196.0	189.5	180.3	186.4	190.3	195.6	195.9	200.6	196.5	211.0	199.3	199.1	207.7
1978	7.92	7.48	7.57	7.59	7.90	7.96	7.95	7.98	8.00	8.08	8.10	8.11	8.21	1978	209.4	206.4	203.4	201.8	211.1	214.2	217.3	209.7	210.5	210.2	208.8	208.5	210.4
1979	8.51	8.13	8.21	8.25	8.07	8.36	8.48	8.56	8.56	8.69	8.86	8.88	8.95	1979	215.9	216.7	206.6	201.5	207.4	212.3	221.8	224.0	227.1	222.7	216.9	217.4	215.9
1980	9.34	8.85	8.91	8.96	9.21	9.31	9.29	9.31	9.40	9.49	9.69	9.77	9.86	1980	211.5	208.8	202.4	202.4	211.8	218.4	224.9	222.9	219.6	217.2	205.2	199.6	205.1
1981		9.78	9.87	9.87										1981		196.9	198.7	201.4									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	40.6	39.3	40.6	40.6	40.2	40.6	41.1	40.7	41.0	40.8	40.7	40.4	41.4	1977	16.5	15.5	15.7	15.9	16.6	16.8	17.3	17.4	17.6	17.2	16.0	15.2	16.9
1978	40.5	39.0	40.3	40.6	40.5	40.3	40.7	40.6	40.7	40.5	40.6	40.1	41.3	1978	18.1	17.2	17.0	17.2	17.9	18.2	18.6	18.4	18.5	18.3	18.3	18.5	18.8
1979	39.7	39.2	40.1	40.5	37.0	39.9	40.1	39.8	40.3	40.1	39.7	39.5	40.4	1979	20.1	19.0	18.5	18.5	19.2	19.7	20.5	21.0	21.0	21.0	20.6	20.9	21.0
1980	39.2	38.9	39.1	39.3	38.7	38.9	39.4	38.8	39.5	39.5	39.2	39.1	40.0	1980	20.7	20.8	20.3	20.4	19.9	19.6	20.7	21.8	21.9	21.3	20.9	20.6	20.3
1981		38.9	39.0	39.2										1981		20.1	20.3	20.7									
SIC 422—PUBLIC WAREHOUSING														SIC 45—TRANSPORTATION BY AIR													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	87.6	82.3	82.3	82.5	83.7	83.8	85.6	86.7	88.3	91.8	95.1	95.0	93.7	1977	386.3	378.4	378.4	379.8	379.6	381.3	386.0	390.4	391.2	391.4	390.7	392.6	395.7
1978	90.5	89.0	88.6	89.4	89.9	90.2	90.5	89.5	90.3	90.4	93.1	92.6	92.9	1978	407.9	395.8	396.9	398.7	402.8	399.0	407.5	413.3	409.9	411.7	413.4	419.0	426.8
1979	90.6	90.1	88.2	87.8	86.0	85.3	86.8	87.9	89.4	90.2	96.3	100.2	99.1	1979	438.2	427.0	430.4	434.7	402.9	409.4	444.9	446.3	451.4	450.7	450.3	453.2	456.7
1980	89.3	95.0	91.5	90.6	88.2	87.0	86.0	85.9	87.4	88.1	92.1	91.5	87.8	1980	455.1	456.7	455.3	456.5	456.7	458.9	457.6	458.8	460.2	452.7	450.5	447.3	450.4
1981		85.7	82.7	81.3										1981		451.7	454.7	456.5									
WOMEN EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	15.0	13.3	13.5	13.8	14.2	14.6	15.1	15.0	14.7	16.4	17.4	16.4	15.9	1977	114.0	108.1	107.9	110.7	110.6	112.1	114.5	116.7	116.8	114.2	117.6	118.6	119.7
1978	15.7	14.9	14.8	14.9	15.1	15.3	15.1	15.3	16.1	16.4	17.3	16.7	16.5	1978	125.6	120.4	120.9	122.1	123.3	122.6	125.8	127.9	126.9	127.3	128.2	129.4	132.1
1979	17.0	16.2	16.1	15.9	16.4	16.0	16.1	16.2	16.7	17.2	18.8	19.7	19.0	1979	138.9	134.6	135.5	137.1	126.7	130.5	141.5	142.1	143.3	142.0	143.3	144.7	146.0
1980	16.3	17.0	16.6	16.4	15.8	15.9	15.1	15.1	15.7	16.5	18.5	17.3	15.7	1980	148.2	146.4	146.2	146.5	147.6	149.2	149.8	150.7	150.9	149.0	147.4	146.6	147.7
1981		15.5	15.1	14.7										1981		147.2	149.1	149.8									
NONSUPERVISORY WORKERS—IN THOUSANDS														SIC 451,2—AIR TRANSPORTATION													
1977	75.3	71.0	70.9	71.1	71.4	71.4	72.8	74.0	75.7	79.2	82.2	82.6	81.1	ALL EMPLOYEES—IN THOUSANDS													
1978	78.3	76.5	76.2	76.9	77.6	78.0	78.4	77.6	78.2	78.2	80.9	80.3	80.5	1977	346.6	339.4	339.2	340.6	340.6	342.6	346.4	350.8	351.4	351.5	350.3	352.1	354.7
1979	78.0	77.5	75.6	75.2	73.6	72.9	74.3	75.4	76.7	77.7	83.5	87.2	86.1	1978	365.8	355.1	356.1	357.7	361.8	357.8	365.0	370.8	367.2	369.0	370.3	375.5	382.8
1980	76.0	81.9	78.6	77.4	75.1	73.9	72.9	72.6	73.8	74.8	78.8	78.1	74.5	1979	390.9	382.6	384.9	388.8	356.4	362.3	397.3	398.2	403.3	402.3	401.7	404.7	407.8
1981		72.0	69.5	68.2										1980	405.8	408.3	406.6	407.1	407.5	409.3	407.8	408.9	410.5	403.3	401.1	398.3	401.0
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	201.50	191.88	194.82	190.73	196.10	196.48	203.32	206.17	206.42	203.28	201.60	209.09	213.20	1977	107.9	101.9	101.7	104.6	104.5	106.2	108.4	110.6	110.7	108.2	111.6	112.5	113.6
1978	215.83	202.16	206.44	213.84	214.42	213.95	215.44	216.89	218.12	223.57	218.90	225.10	224.07	1978	118.9	114.4	114.8	115.6	116.9	116.0	118.9	121.0	119.9	120.6	121.3	122.6	125.1
1979	230.68	216.93	219.82	221.38	217.33	223.40	227.92	230.44	231.21	237.94	236.16	247.65	251.94	1979	131.3	127.6	128.2	129.8	119.3	122.8	133.5	134.1	135.6	134.1	135.4	136.8	138.0
1980	248.33	238.70	239.09	237.50	241.42	246.65	249.45	252.95	253.99	251.74	248.82	259.90	263.70	1980	139.8	138.6	138.1	138.3	139.1	140.7	141.2	142.1	142.4	140.5	139.0	138.2	139.1
1981		263.64	259.08	261.67										1981		138.5	140.5	141.3									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 46—PIPE LINES, EXCEPT NATURAL GAS													
1977	5.18	4.92	4.97	4.98	5.12	5.13	5.20	5.30	5.32	5.28	5.25	5.28	5.33	ALL EMPLOYEES—IN THOUSANDS													
1978	5.52	5.32	5.39	5.40	5.47	5.50	5.51	5.59	5.55	5.66	5.57	5.67	5.63	1977	18.5	17.5	17.6	17.6	17.5	17.7	18.8	19.1	19.4	19.4	19.2	19.2	19.2
1979	5.93	5.62	5.68	5.75	5.78	5.91	5.92	5.97	5.99	6.07	6.04	6.13	6.16	1978	19.6	19.1	19.0	19.0	19.1	19.2	20.3	20.4	20.6	19.8	19.7	19.6	19.7
1980	6.45	6.20	6.21	6.25	6.37	6.44	6.53	6.57	6.58	6.59	6.38	6.63	6.71	1979	20.1	19.7	19.6	19.4	19.4	19.5	20.7	21.0	20.7	20.2	20.2	20.3	20.3
1981		6.76	6.80	6.85										1980	21.4	20.1	20.1	20.5	20.9	21.2	22.2	22.5	22.5	21.8	21.6	21.6	21.5
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	38.9	39.0	39.2	38.3	38.3	38.3	39.1	38.9	38.8	38.5	38.4	39.6	40.0	1977	18.5	17.5	17.6	17.6	17.5	17.7	18.8	19.1	19.4	19.4	19.2	19.2	19.2
1978	39.1	38.0	38.3	39.6	39.2	38.9	39.1	38.8	39.3	39.5	39.3	39.7	39.8	1978	19.6	19.1	19.0	19.0	19.1	19.2	20.3	20.4	20.6	19.8	19.7	19.6	19.7
1979	38.9	38.6	38.7	38.5	37.6	37.8	38.5	38.6	38.6	39.2	39.1	40.4	40.9	1979	20.1	19.7	19.6	19.4	19.4	19.5	20.7	21.0	20.7	20.2	20.2	20.3	20.3
1980	38.5	38.5	38.5	38.0	37.9	38.3	38.2	38.5	38.6	38.2	39.0	39.2	39.3	1980	21.4	20.1	20.1	20.5	20.9	21.2	22.2	22.5	22.5	21.8	21.6	21.6	21.5
1981		39.0	38.1	38.2										1981		21.5	21.6	21.5									

TRANSPORTATION AND PUBLIC UTILITIES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 46—PIPE LINES, EXCEPT NATURAL GAS (Con.)[illegible]

SIC 47—TRANSPORTATION SERVICES

[illegible]**SIC 48—COMMUNICATION**

ALL EMPLOYEES—IN THOUSANDS													
1977	1,185.2	1,171.4	1,172.3	1,173.1	1,173.5	1,180.7	1,186.7	1,191.9	1,190.3	1,191.6	1,192.6	1,198.3	1,200.3
1978	1,239.8	1,199.6	1,207.5	1,211.6	1,218.4	1,225.7	1,239.7	1,253.1	1,260.8	1,259.7	1,264.0	1,266.2	1,271.3
1979	1,309.0	1,274.7	1,280.7	1,286.1	1,292.9	1,300.7	1,316.9	1,319.7	1,324.8	1,321.1	1,321.0	1,332.4	1,336.8

SIC 48—COMMUNICATION (Con.)

ALL EMPLOYEES—IN THOUSANDS													
1980	1,351.9	1,330.3	1,335.4	1,338.1	1,341.9	1,347.4	1,359.2	1,361.8	1,363.0	1,359.6	1,363.2	1,361.8	1,360.9
1981		1,353.5	1,354.9	1,355.0									
WOMEN EMPLOYEES—IN THOUSANDS													
1977	531.5	520.7	520.2	522.9	524.6	528.2	532.3	535.6	534.6	536.4	537.4	541.7	543.1
1978	565.5	541.6	545.0	548.6	551.3	554.8	563.4	570.4	575.3	575.9	584.3	586.3	589.2
1979	614.9	601.3	603.7	605.0	608.7	612.9	619.8	620.9	622.3	619.0	619.4	624.1	621.4
1980	631.6	617.7	621.8	623.3	626.2	627.9	633.2	636.1	637.9	635.5	639.7	640.2	639.2
1981		634.7	633.8	634.5									
NONSUPERVISORY WORKERS—IN THOUSANDS ¹³													
1977	906.5	901.6	898.9	899.7	899.4	903.3	908.4	913.1	910.6	908.5	908.8	912.3	913.6
1978	939.0	910.0	915.6	919.4	924.1	929.1	940.4	949.9	955.8	952.5	955.5	956.2	959.5
1979	986.8	961.9	967.3	971.2	976.1	983.3	994.7	996.4	999.4	993.9	994.1	1,002.3	1,000.5
1980	1,009.2	993.9	999.4	1,002.0	1,003.3	1,006.6	1,013.4	1,015.9	1,016.5	1,013.1	1,015.7	1,015.8	1,015.1
1981		1,012.7	1,012.8	1,012.9									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS ¹³													
1977	266.90	252.46	253.76	254.28	256.11	259.65	259.25	265.86	265.07	274.28	284.40	289.98	285.68
1978	292.47	285.68	285.20	283.46	282.74	282.35	284.89	286.00	302.71	305.92	302.91	300.93	303.28
1979	312.43	303.73	297.86	298.26	300.13	297.44	300.09	301.25	328.84	336.15	328.80	332.07	328.35
1980	339.55	329.57	329.60	330.34	329.11	325.84	330.30	335.27	335.20	342.50	359.68	363.01	361.49
1981		358.38	360.87	356.96									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS ¹³													
1977	6.74	6.49	6.49	6.52	6.55	6.59	6.58	6.63	6.66	6.84	7.11	7.16	7.16
1978	7.33	7.16	7.13	7.14	7.14	7.13	7.14	7.15	7.53	7.61	7.63	7.58	7.62
1979	7.85	7.67	7.56	7.57	7.56	7.53	7.54	7.55	8.18	8.30	8.22	8.24	8.25
1980	8.51	8.26	8.24	8.30	8.29	8.27	8.32	8.34	8.38	8.52	9.06	9.03	9.06
1981		9.05	9.09	9.06									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS ¹³													
1977	39.6	38.9	39.1	39.0	39.1	39.4	39.4	40.1	39.8	40.1	40.0	40.5	39.9
1978	39.9	39.9	40.0	39.7	39.6	39.6	39.9	40.0	40.2	40.2	39.7	39.7	39.8
1979	39.8	39.6	39.4	39.4	39.7	39.5	39.8	39.9	40.2	40.5	40.0	40.3	39.8
1980	39.9	39.9	40.0	39.8	39.7	39.4	39.7	40.2	40.0	40.2	39.7	40.2	39.9
1981		39.6	39.7	39.4									

SIC 481—TELEPHONE COMMUNICATION[illegible]

See footnotes at end of tables.

TRANSPORTATION AND PUBLIC UTILITIES

SIC 4818

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 481—TELEPHONE COMMUNICATION (Con.)														SIC 481—TELEPHONE COMMUNICATION (Con.)													
NONSUPERVISORY WORKERS—IN THOUSANDS														QUITS PER 100 EMPLOYEES													
1977	722.5	724.3	720.5	719.9	719.3	721.1	724.5	728.4	724.5	721.6	720.8	723.0	722.4	1977	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.6	0.5	0.3	0.2	0.3	
1978	740.6	719.9	724.9	726.6	729.7	733.1	742.1	749.4	753.5	750.0	751.7	751.8	754.0	1978	.4	.3	.3	.3	.4	.4	.5	.7	.6	.4	.4	.3	
1979	772.1	755.5	760.0	762.0	765.9	771.2	780.7	781.6	782.8	775.1	774.2	779.5	776.5	1979	.5	.4	.4	.4	.4	.4	.5	.5	.8	.6	.4	.3	
1980	778.3	770.3	773.2	773.8	775.1	777.9	782.4	784.1	784.2	779.4	780.5	780.4	778.2	1980	.4	.3	.3	.3	.3	.4	.5	.3	.6	.6	.4	.3	
1981		776.4	777.6	776.4										1981		.3	.3	.3								.2	
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														LAYOFFS PER 100 EMPLOYEES													
1977	274.91	258.18	260.56	261.07	262.92	266.51	266.78	273.51	272.56	283.91	295.40	301.84	295.07	1977	.1	.1	.1	.1	.1	(⁵)	.1	.1	.2	.2	.1	.1	
1978	301.50	295.07	294.19	291.60	289.35	290.07	294.11	294.52	314.61	318.27	313.98	310.80	313.58	1978	.1	.1	.1	.1	.1	.1	.1	.1	.3	.3	.1	.1	
1979	324.41	314.41	307.30	308.09	308.83	305.29	308.74	309.91	343.48	353.46	343.40	346.80	339.60	1979	.2	.1	.1	.1	.1	.1	.1	.1	.4	.3	.1	.1	
1980	350.54	341.70	342.19	341.25	338.00	335.02	338.75	345.10	345.42	352.81	376.14	378.39	375.87	1980	.1	.1	(⁵)	.1	.1	.1	.1	.1	.3	.3	.1	.1	
1981		371.87	374.53	370.40										1981		.1	.1	(⁵)								.2	
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 4817—SWITCHBOARD OPERATING EMPLOYEES ¹⁴													
1977	6.89	6.62	6.63	6.66	6.69	6.73	6.72	6.77	6.78	7.01	7.33	7.38	7.34	NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1978	7.50	7.34	7.30	7.29	7.27	7.27	7.28	7.29	7.73	7.82	7.83	7.77	7.82	1977	205.80	193.14	196.04	192.63	198.70	199.63	201.14	209.72	205.56	207.68	221.50	231.25	222.12
1979	8.07	7.88	7.76	7.78	7.74	7.69	7.68	7.69	8.46	8.60	8.50	8.50	8.49	1978	220.35	220.53	228.86	213.85	211.24	209.84	212.96	217.20	229.91	227.74	222.33	226.24	223.07
1980	8.72	8.50	8.47	8.51	8.45	8.46	8.49	8.50	8.55	8.69	9.38	9.32	9.35	1979	223.45	219.56	222.87	211.55	228.60	213.14	213.36	216.92	231.74	234.80	233.77	236.38	215.28
1981		9.32	9.34	9.33										1980	233.09	215.14	223.80	215.99	218.67	225.08	224.53	231.82	233.50	233.06	265.20	270.62	248.62
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														1981		247.54	258.91	248.30									
1977	39.9	39.0	39.3	39.2	39.3	39.6	39.7	40.4	40.2	40.5	40.3	40.9	40.2	NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1978	40.2	40.2	40.3	40.0	39.8	39.9	40.4	40.4	40.7	40.7	40.1	40.0	40.1	1977	5.88	5.80	5.80	5.75	5.81	5.82	5.78	5.73	5.71	5.85	6.17	6.25	6.17
1979	40.2	39.9	39.6	39.6	39.9	39.7	40.2	40.3	40.6	41.1	40.4	40.8	40.0	1978	6.26	6.16	6.27	6.11	6.07	6.03	6.05	6.05	6.44	6.47	6.52	6.52	6.41
1980	40.2	40.2	40.4	40.1	40.0	39.6	39.9	40.6	40.4	40.6	40.1	40.6	40.2	1979	6.67	6.42	6.46	6.43	6.55	6.42	6.35	6.38	6.98	7.03	7.02	7.12	6.90
1981		39.9	40.1	39.7										1980	7.15	6.94	7.06	6.99	6.92	6.99	6.93	6.92	6.97	7.02	7.80	7.71	7.58
ACCESSIONS PER 100 EMPLOYEES														1981		7.57	7.66	7.57									
1977	.9	.5	.7	.7	.9	1.2	1.2	.9	1.0	1.0	.8	.7	.7	NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1978	1.3	.9	.9	1.3	1.3	1.7	2.1	1.6	1.5	.2	1.4	1.3	1.0	1977	35.0	33.3	33.8	33.5	34.2	34.3	34.8	36.6	36.0	35.5	35.9	37.0	36.0
1979	1.2	1.4	1.3	1.1	1.6	1.8	2.3	1.4	1.2	1.0	.9	.6	.4	1978	35.2	35.8	36.5	35.0	34.8	34.8	35.2	35.9	35.7	35.2	34.1	34.7	34.8
1980	.9	.8	.7	.9	1.0	1.3	1.4	.9	.9	.9	.9	.6	.5	1979	33.5	34.2	34.5	32.9	34.9	33.2	33.6	34.0	33.2	33.4	33.3	33.2	31.2
1981		.8	.8	1.0										1980	32.6	31.0	31.7	30.9	31.6	32.2	32.4	33.5	33.2	34.0	35.1	32.8	
NEW HIRES PER 100 EMPLOYEES														1981		32.7	33.8	32.8									
1977	.7	.4	.5	.6	.8	1.1	1.1	.8	.7	.8	.6	.5	.5	SIC 4818—LINE CONSTRUCTION EMPLOYEES¹⁵													
1978	1.0	.7	.7	1.0	1.1	1.4	1.6	1.3	1.2	.1	1.1	1.1	.8	NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1979	1.1	1.1	1.2	1.0	1.4	1.7	2.2	1.3	.9	.8	.7	.5	.3	1977	364.21	336.77	337.98	339.70	340.49	347.13	348.73	360.19	361.09	382.72	399.15	413.52	404.50
1980	.8	.6	.6	.8	.8	1.2	1.3	.8	.8	.8	.7	.5	.4	1978	411.76	402.28	401.34	400.49	396.03	398.25	401.34	395.14	431.41	437.81	426.82	424.70	430.80
1981		.7	.7	.9										1979	439.65	427.55	410.52	412.34	413.16	412.88	415.30	416.22	475.64	497.73	474.72	466.26	457.28
RECALLS PER 100 EMPLOYEES														1980	453.33	439.79	428.43	435.46	429.71	428.43	439.49	449.33	452.12	465.75	493.71	496.15	487.08
1977	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	1981		476.10	462.60	466.28									
1978	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1979	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	1977	8.24	7.85	7.86	7.90	7.90	7.98	7.98	8.04	8.06	8.43	8.87	8.97	8.89
1980	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	1978	9.13	8.90	8.84	8.88	8.84	8.85	8.84	8.82	9.44	9.58	9.57	9.48	9.51
1981	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	1979	9.77	9.48	9.33	9.35	9.39	9.32	9.27	10.34	10.59	10.32	10.27	10.23	
SEPARATIONS PER 100 EMPLOYEES														1980	10.35	10.11	10.01	10.08	10.04	10.01	10.08	10.12	10.16	10.35	11.17	11.05	11.07
1977	.8	.5	.6	.8	.8	.6	.7	.8	1.1	1.1	.7	.6	.7	1981		10.97	12.11	10.92									
1978	1.0	.7	1.0	.9	.9	.9	1.0	1.0	1.4	1.3	.8	.8	.8														
1979	1.0	.7	1.0	1.0	.9	.9	1.0	1.0	1.6	1.2	.8	.7	.7														
1980	.8	.6	.8	.8	.7	.8	.9	.7	1.2	1.2	.8	.6	.6														
1981		.6	1.0	.7																							

See

TRANSPORTATION AND PUBLIC UTILITIES

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TRANSPORTATION AND PUBLIC UTILITIES

SIC 493

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 491—ELECTRIC SERVICES (Con.)														SIC 492—GAS PRODUCTION AND DISTRIBUTION (Con.)													
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	274.9	270.6	270.7	271.2	271.7	273.0	277.0	278.8	279.1	276.3	275.6	276.5	278.0	1977	6.62	6.47	6.56	6.39	6.50	6.54	6.47	6.55	6.59	6.74	6.90	6.85	6.86
1978	286.3	276.0	279.6	280.9	282.0	284.8	289.9	290.6	291.2	287.9	290.6	290.8	291.7	1978	7.10	6.95	6.92	6.91	6.99	7.01	7.00	7.08	7.09	7.22	7.37	7.33	7.35
1979	301.3	291.9	293.1	294.6	296.8	297.5	304.4	307.1	307.6	304.8	305.0	306.1	306.8	1979	7.65	7.41	7.50	7.48	7.64	7.62	7.55	7.62	7.56	7.77	7.85	7.87	7.94
1980	318.0	307.6	309.3	310.4	312.4	315.8	320.3	322.5	322.7	320.7	323.5	324.2	326.3	1980	8.29	7.90	7.92	8.06	8.15	8.20	8.23	8.20	8.24	8.45	8.59	8.71	8.71
1981		326.8	327.9	329.3										1981		8.82	8.86	8.97									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	298.16	290.51	292.16	289.51	291.99	296.07	293.70	302.57	296.31	302.33	300.66	306.71	313.23	1977	40.9	41.6	41.8	41.0	40.7	40.4	40.5	40.5	40.4	40.5	41.2	40.8	41.0
1978	326.13	319.27	316.59	316.08	319.79	322.07	330.15	325.85	323.53	330.79	328.97	334.65	340.32	1978	40.7	40.6	41.2	40.9	40.5	40.6	40.5	40.5	40.7	40.5	41.1	40.9	40.8
1979	351.95	347.92	337.71	337.30	341.88	342.77	355.64	347.78	350.28	360.34	358.23	370.64	368.05	1979	40.6	40.8	40.6	40.3	39.9	40.3	40.5	40.3	40.6	40.6	41.4	41.3	40.9
1980	388.03	371.03	371.39	373.93	376.94	384.81	383.35	405.59	393.13	396.53	393.12	403.85	401.63	1980	40.8	40.9	40.8	40.2	40.5	40.3	40.6	40.6	40.7	40.2	41.6	41.3	41.3
1981		402.53	409.92	409.78										1981		41.8	40.9	40.9									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 493—COMBINATION UTILITY SERVICES													
1977	7.15	6.95	7.04	7.01	7.07	7.10	7.06	7.17	7.14	7.25	7.28	7.32	7.37	ALL EMPLOYEES—IN THOUSANDS													
1978	7.71	7.53	7.52	7.49	7.56	7.65	7.66	7.74	7.74	7.82	7.87	7.93	7.97	1977	187.9	185.2	184.2	184.5	184.9	185.3	189.2	191.0	190.3	189.6	189.7	190.4	190.5
1979	8.34	8.11	8.06	8.05	8.14	8.22	8.29	8.34	8.36	8.60	8.57	8.68	8.66	1978	192.7	190.5	190.9	191.5	192.2	192.1	194.9	196.0	195.7	192.3	191.8	192.0	192.2
1980	9.13	8.73	8.78	8.84	8.89	8.97	9.02	9.26	9.25	9.33	9.36	9.48	9.54	1979	194.9	192.0	192.2	192.7	192.9	193.7	197.7	198.8	198.1	195.4	194.8	195.1	195.0
1981		9.63	9.76	9.78										1980	196.1	195.2	195.5	195.5	196.4	197.5	197.5	197.5	197.7	195.0	194.9	194.9	195.7
														1981		195.5	205.2	205.1									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	41.7	41.8	41.5	41.3	41.3	41.7	41.6	42.2	41.5	41.7	41.3	41.9	42.5	1977	29.9	28.8	29.1	29.3	29.5	29.4	30.2	30.5	30.6	30.1	30.1	30.3	30.5
1978	42.3	42.4	42.1	42.2	42.3	42.1	43.1	42.1	41.8	42.3	41.8	42.2	42.7	1978	31.2	30.6	30.6	30.7	30.8	30.9	31.7	32.1	32.1	31.2	31.2	31.4	31.6
1979	42.2	42.9	41.9	41.9	42.0	41.7	42.9	41.7	41.9	41.9	41.8	42.7	42.5	1979	32.7	31.8	31.9	32.0	31.3	31.9	32.9	33.4	33.6	33.2	33.3	33.6	33.8
1980	42.5	42.5	42.3	42.3	42.4	42.9	42.5	43.8	42.5	42.5	42.0	42.6	42.1	1980	35.1	34.1	34.6	34.6	35.1	35.5	35.6	35.5	35.6	35.0	35.0	34.9	35.3
1981		41.8	42.0	41.9										1981		35.1	37.2	37.4									
SIC 492—GAS PRODUCTION AND DISTRIBUTION														NONSUPERVISORY WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	158.8	158.1	158.7	155.7	155.9	158.3	162.3	162.1	161.7	157.2	156.3	159.3	159.6	1977	156.4	153.6	152.6	153.4	154.0	154.7	158.1	159.8	158.9	158.3	157.9	157.8	157.6
1978	163.5	160.0	160.4	160.7	161.2	162.0	166.8	168.1	167.7	164.5	163.2	163.7	163.7	1978	158.0	157.1	157.5	158.0	157.9	157.7	160.2	161.3	160.6	156.8	155.7	156.0	156.9
1979	167.1	163.7	163.8	164.1	164.7	165.9	170.9	172.7	172.5	168.7	167.6	166.2	164.7	1979	160.8	156.9	156.5	156.3	158.6	158.7	163.1	164.8	164.4	162.5	162.1	162.7	162.9
1980	168.4	163.0	162.7	164.1	164.5	167.0	171.2	173.7	173.8	170.2	170.2	170.3	170.4	1980	160.9	162.3	162.1	161.6	162.2	163.0	161.9	161.8	161.3	158.7	158.6	158.2	158.8
1981		170.0	170.0	170.8										1981		157.5	165.3	166.0									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	31.1	30.5	30.5	30.4	30.4	30.7	31.7	32.0	31.2	30.9	31.6	31.7	31.7	1977	321.50	299.44	310.31	308.21	311.48	316.57	312.26	323.95	325.16	328.05	334.97	341.51	341.90
1978	33.2	32.0	32.1	32.3	32.6	32.8	33.8	34.3	34.4	33.6	33.6	33.5	33.8	1978	354.47	356.97	346.94	342.37	345.28	343.21	348.19	352.78	354.05	363.32	365.43	370.90	367.04
1979	34.9	33.9	33.9	34.0	34.3	34.4	35.6	36.1	36.3	35.4	35.2	34.9	34.8	1979	380.87	375.24	372.12	367.38	376.26	372.02	373.15	378.56	379.13	399.41	392.70	394.28	388.44
1980	36.3	34.5	34.7	35.3	35.2	35.9	37.0	37.6	37.5	36.9	36.9	36.8	37.1	1980	397.17	386.57	385.02	381.71	383.35	386.63	388.40	402.27	408.10	409.53	414.41	414.73	407.77
1981		37.1	37.2	37.5										1981		424.97	436.77	439.60									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	130.6	129.7	131.0	128.0	128.0	130.6	134.6	133.9	133.5	129.0	127.7	130.7	130.9	1977	7.88	7.60	7.70	7.61	7.71	7.74	7.71	7.94	7.95	8.08	8.15	8.17	8.16
1978	133.9	131.2	131.3	131.7	132.0	132.4	136.9	138.2	137.8	134.7	133.5	133.7	133.6	1978	8.46	8.36	8.32	8.23	8.28	8.27	8.31	8.46	8.47	8.63	8.68	8.81	8.76
1979	136.3	133.5	133.5	133.6	134.1	135.0	139.6	141.3	141.5	137.6	136.7	135.3	134.3	1979	9.09	8.85	8.86	8.81	8.98	8.90	8.97	9.10	9.07	9.42	9.35	9.41	9.36
1980	137.7	132.6	132.3	134.0	134.3	136.4	141.2	143.2	142.9	138.9	138.8	139.1	138.9	1980	9.64	9.36	9.30	9.31	9.35	9.43	9.45	9.67	9.81	9.94	10.01	10.14	9.97
1981		138.4	138.5	139.1										1981		10.34	10.55	10.67									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	270.76	269.15	274.21	261.99	264.55	264.22	262.04	265.28	266.24	272.97	284.28	279.48	281.26	1977	40.8	39.4	40.3	40.5	40.4	40.9	40.5	40.8	40.9	40.6	41.1	41.8	41.9
1978	288.97	282.17	285.10	282.62	283.10	284.61	283.50	286.74	288.56	292.41	302.91	299.80	299.88	1978	41.9	42.7	41.7	41.6	41.7	41.5	41.9	41.7	41.8	42.1	42.1	42.1	41.9
1979	310.59	302.33	304.50	301.44	304.84	307.09	305.78	307.09	306.94	315.46	324.99	325.03	324.75	1979	41.9	42.4	42.0	41.7	41.9	41.8	41.6	41.6	41.8	42.4	42.0	41.9	41.5
1980	338.23	323.11	323.14	324.01	330.08	330.46	334.14	332.92	335.37	339.69	357.34	359.72	359.72	1980	41.2	41.3	41.4	41.0	41.0	41.0	41.1	41.6	41.6	41.2	41.4	40.9	40.9
1981		368.68	362.37	366.87										1981		41.1	41.4	41.2									

SIC 495**TRANSPORTATION AND PUBLIC UTILITIES**

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 495—SANITARY SERVICES

ALL EMPLOYEES—IN THOUSANDS

1977	40.1	39.5	38.9	39.1	39.4	39.8	40.3	41.1	40.3	40.5	40.7	40.9	40.9
1978	43.4	41.4	41.5	42.0	42.2	42.9	43.4	44.4	44.6	44.5	44.4	44.6	44.5
1979	47.0	45.1	45.8	46.3	46.6	46.7	47.7	47.8	47.5	48.2	47.6	47.1	47.2
1980	48.4	47.1	47.1	47.4	47.7	48.2	49.1	49.3	49.5	49.6	48.8	48.6	48.3
1981		48.1	47.9	48.1									

WOMEN EMPLOYEES—IN THOUSANDS

1977	3.7	3.4	3.4	3.4	3.5	3.6	3.8	3.8	3.9	3.8	3.8	3.9	4.0
1978	4.4	4.1	4.3	4.4	4.4	4.5	4.3	4.5	4.4	4.5	4.4	4.5	4.5
1979	4.8	4.4	4.5	4.6	4.5	4.6	4.8	4.8	4.8	4.9	5.0	5.1	5.1
1980	5.6	5.2	5.2	5.4	5.4	5.4	5.5	5.8	5.7	5.8	5.7	5.9	5.9
1981		5.9	6.0	6.0									

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	35.7	35.0	34.5	34.8	34.9	35.2	35.8	36.6	35.9	36.1	36.3	36.6	36.5
1978	38.5	36.9	37.1	37.3	37.3	37.9	38.4	39.4	39.4	39.6	39.4	39.7	39.5
1979	41.6	40.1	40.6	41.0	41.3	41.4	42.3	42.4	42.2	42.7	42.1	41.6	41.4
1980	42.7	41.3	41.6	41.9	42.0	42.5	43.2	43.6	43.8	44.0	43.1	42.8	42.4
1981		42.1	41.9	42.2									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	243.10	229.99	230.11	231.38	234.34	236.86	240.96	244.67	247.39	250.99	258.11	253.54	257.80
1978	264.97	258.43	260.93	256.54	258.40	256.52	259.43	268.38	271.53	273.49	274.34	268.36	270.50
1979	280.22	272.72	275.22	270.44	268.71	278.88	281.48	279.86	282.24	288.54	291.98	287.12	286.35
1980	291.46	281.11	281.67	281.93	283.72	285.52	289.54	289.22	293.53	300.96	302.10	305.45	299.94
1981		309.20	308.10	308.91									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.68	5.45	5.44	5.47	5.54	5.56	5.63	5.69	5.74	5.81	5.92	5.91	5.94
1978	6.22	6.01	6.04	5.98	6.08	6.05	6.09	6.30	6.30	6.42	6.44	6.42	6.41
1979	6.72	6.54	6.60	6.58	6.57	6.64	6.75	6.76	6.72	6.87	6.87	6.82	6.90
1980	7.04	6.89	6.87	6.81	6.92	6.93	6.96	7.02	7.09	7.20	7.21	7.29	7.28
1981		7.56	7.57	7.59									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS

1977	42.8	42.2	42.3	42.3	42.3	42.6	42.8	43.0	43.1	43.2	43.6	42.9	43.4
1978	42.6	43.0	43.2	42.9	42.5	42.4	42.6	42.6	43.1	42.6	42.6	41.8	42.2
1979	41.7	41.7	41.7	41.1	40.9	42.0	41.7	41.4	42.0	42.0	42.5	42.1	41.5
1980	41.4	40.8	41.0	41.4	41.0	41.2	41.6	41.2	41.4	41.8	41.9	41.9	41.2
1981		40.9	40.7	40.7									

See footnotes at end of tables.

WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS														SIC 50,51—WHOLESALE TRADE (Con.)													
1977	18,516	17,875	17,693	17,891	18,177	18,384	18,567	18,547	18,629	18,794	18,852	19,145	19,632	1977	1,145	1,109	1,107	1,115	1,121	1,128	1,147	1,145	1,155	1,164	1,177	1,184	1,189
1978	19,542	18,873	18,689	18,878	19,190	19,431	19,638	19,611	19,680	19,806	19,888	20,188	20,628	1978	1,235	1,178	1,183	1,197	1,209	1,218	1,236	1,230	1,241	1,253	1,284	1,294	1,300
1979	20,192	19,855	19,655	19,809	20,001	20,154	20,259	20,131	20,166	20,281	20,368	20,639	20,991	1979	1,319	1,291	1,288	1,300	1,298	1,309	1,323	1,319	1,323	1,332	1,344	1,355	1,351
1980	20,386	20,168	19,986	20,068	20,178	20,279	20,347	20,300	20,373	20,495	20,533	20,761	21,138	1980	1,364	1,341	1,345	1,353	1,349	1,357	1,363	1,360	1,361	1,372	1,389	1,385	1,392
1981		20,366	20,196	20,290										1981		1,368	1,369	1,373									
WOMEN EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	7,764	7,475	7,356	7,443	7,571	7,681	7,740	7,711	7,767	7,885	7,933	8,134	8,470	1977	3,878	3,763	3,761	3,789	3,819	3,845	3,898	3,911	3,924	3,932	3,949	3,964	3,981
1978	8,280	7,957	7,821	7,906	8,063	8,188	8,264	8,243	8,301	8,416	8,488	8,705	9,004	1978	4,094	3,952	3,959	3,997	4,034	4,065	4,123	4,122	4,145	4,148	4,180	4,193	4,208
1979	8,697	8,493	8,352	8,427	8,560	8,649	8,679	8,611	8,654	8,755	8,831	9,037	9,315	1979	4,274	4,184	4,186	4,217	4,229	4,255	4,314	4,306	4,306	4,301	4,325	4,335	4,325
1980	8,889	8,763	8,637	8,668	8,730	8,807	8,858	8,795	8,845	8,957	8,986	9,175	9,449	1980	4,319	4,295	4,300	4,317	4,313	4,305	4,327	4,320	4,323	4,320	4,337	4,332	4,334
1981		8,941	8,805	8,817										1981		4,296	4,292	4,310									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	16,316	15,734	15,554	15,738	16,008	16,202	16,366	16,343	16,411	16,555	16,614	16,899	17,373	1977	3,878	3,763	3,761	3,789	3,819	3,845	3,898	3,911	3,924	3,932	3,949	3,964	3,981
1978	17,219	16,636	16,438	16,614	16,903	17,125	17,301	17,269	17,335	17,450	17,520	17,808	18,232	1978	4,094	3,952	3,959	3,997	4,034	4,065	4,123	4,122	4,145	4,148	4,180	4,193	4,208
1979	17,748	17,462	17,266	17,397	17,573	17,708	17,802	17,673	17,708	17,805	17,899	18,161	18,517	1979	4,274	4,184	4,186	4,217	4,229	4,255	4,314	4,306	4,306	4,301	4,325	4,335	4,325
1980	17,881	17,697	17,529	17,596	17,696	17,787	17,839	17,787	17,857	17,963	18,002	18,226	18,592	1980	4,319	4,295	4,300	4,317	4,313	4,305	4,327	4,320	4,323	4,320	4,337	4,332	4,334
1981		17,836	17,638	17,710										1981		4,296	4,292	4,310									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	142.52	136.45	138.27	139.02	139.68	140.77	142.80	145.95	145.18	144.09	145.08	144.10	146.29	1977	209.13	200.83	201.49	202.79	205.50	207.05	207.73	210.60	210.45	212.24	215.67	215.34	218.79
1978	153.64	146.51	146.97	149.11	150.75	150.75	153.72	157.38	156.78	155.80	156.63	156.33	159.21	1978	228.14	217.73	217.73	220.20	223.69	223.11	226.59	230.49	230.88	233.79	236.34	235.90	240.47
1979	164.96	159.04	159.86	161.68	162.83	162.32	165.49	168.17	167.99	167.56	166.86	167.83	170.42	1979	247.93	237.31	238.46	242.74	243.57	245.07	247.26	249.60	249.99	252.98	253.24	255.57	261.19
1980	176.46	170.67	170.98	172.80	172.58	173.44	175.71	178.65	179.52	179.03	179.44	181.04	182.65	1980	267.96	258.72	259.58	262.27	263.42	264.88	265.11	266.64	268.42	272.20	274.38	276.82	281.25
1981		183.86	185.13	186.62										1981		281.82	282.65	285.67									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.28	4.16	4.19	4.20	4.22	4.24	4.25	4.28	4.27	4.34	4.37	4.38	4.38	1977	5.39	5.23	5.22	5.24	5.31	5.35	5.34	5.40	5.41	5.47	5.53	5.55	5.61
1978	4.67	4.55	4.55	4.56	4.61	4.61	4.63	4.67	4.68	4.75	4.79	4.81	4.81	1978	5.88	5.67	5.67	5.69	5.78	5.78	5.81	5.91	5.92	6.01	6.06	6.08	6.15
1979	5.06	4.97	4.98	4.99	5.01	5.01	5.03	5.05	5.06	5.14	5.15	5.18	5.18	1979	6.39	6.18	6.21	6.24	6.31	6.30	6.34	6.40	6.41	6.52	6.51	6.57	6.68
1980	5.48	5.35	5.36	5.40	5.41	5.42	5.44	5.48	5.49	5.56	5.59	5.64	5.62	1980	6.96	6.72	6.76	6.83	6.86	6.88	6.94	6.98	6.99	7.07	7.09	7.19	7.23
1981		5.80	5.84	5.85										1981		7.32	7.38	7.42									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	33.3	32.8	33.0	33.1	33.1	33.2	33.6	34.1	34.0	33.2	33.2	32.9	33.4	1977	38.8	38.4	38.6	38.7	38.7	38.7	38.9	39.0	38.9	38.8	39.0	38.8	39.0
1978	32.9	32.2	32.3	32.7	32.7	32.7	33.2	33.7	33.5	32.8	32.7	32.5	33.1	1978	38.8	38.4	38.4	38.7	38.7	38.6	39.0	39.0	39.0	38.9	39.0	38.8	39.1
1979	32.6	32.0	32.1	32.4	32.5	32.4	32.9	33.3	33.2	32.6	32.4	32.4	32.9	1979	38.8	38.4	38.4	38.9	38.6	38.9	39.0	39.0	39.0	38.8	38.9	38.9	39.1
1980	32.2	31.9	31.9	32.0	31.9	32.0	32.3	32.6	32.7	32.2	32.1	32.1	32.5	1980	38.5	38.5	38.4	38.4	38.4	38.5	38.2	38.2	38.4	38.5	38.7	38.5	38.9
1981		31.7	31.7	31.9										1981		38.5	38.3	38.5									
SIC 50,51—WHOLESALE TRADE														SIC 50—WHOLESALE TRADE—DURABLE GOODS													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	4,708	4,578	4,575	4,607	4,638	4,668	4,728	4,742	4,758	4,770	4,791	4,807	4,829	1977	2,717	2,633	2,632	2,651	2,675	2,697	2,729	2,745	2,750	2,752	2,764	2,779	2,792
1978	4,969	4,800	4,812	4,852	4,893	4,932	4,998	4,999	5,023	5,032	5,072	5,094	5,119	1978	2,900	2,791	2,800	2,826	2,849	2,877	2,915	2,924	2,936	2,941	2,959	2,985	3,002
1979	5,204	5,097	5,099	5,135	5,148	5,182	5,245	5,243	5,244	5,239	5,266	5,281	5,263	1979	3,081	3,000	3,008	3,036	3,049	3,072	3,114	3,114	3,114	3,104	3,116	3,128	3,116
1980	5,281	5,241	5,249	5,268	5,265	5,264	5,287	5,280	5,287	5,293	5,315	5,312	5,315	1980	3,123	3,121	3,128	3,139	3,135	3,122	3,125	3,125	3,104	3,106	3,108	3,120	3,129
1981		5,276	5,273	5,293										1981		3,125	3,129	3,144									

See footnotes at end of tables.

SIC 50

WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 50—WHOLESALE TRADE—DURABLE GOODS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS													
1977	611	589	589	593	595	602	609	615	619	621	628	636	641
1978	672	640	644	650	656	663	671	674	679	683	694	705	710
1979	731	711	711	718	721	727	736	736	737	738	741	749	748
1980	756	750	751	758	758	759	757	750	750	752	757	760	764
1981		758	761	764									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	2,238	2,163	2,164	2,181	2,203	2,221	2,250	2,265	2,269	2,268	2,278	2,291	2,301
1978	2,386	2,296	2,301	2,325	2,345	2,368	2,403	2,409	2,420	2,420	2,430	2,449	2,461
1979	2,528	2,456	2,464	2,490	2,502	2,521	2,559	2,557	2,556	2,545	2,556	2,565	2,562
1980	2,552	2,559	2,562	2,574	2,568	2,552	2,555	2,537	2,537	2,532	2,541	2,549	2,553
1981		2,540	2,543	2,556									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	212.61	204.09	203.58	204.49	208.40	210.11	211.33	213.15	213.55	215.76	219.62	218.51	222.39
1978	231.48	220.38	220.00	223.44	227.94	227.36	230.47	234.04	234.04	237.19	239.55	238.55	244.16
1979	250.73	240.40	241.18	245.86	245.07	247.20	250.04	251.37	252.80	255.58	256.24	257.81	264.13
1980	269.97	259.85	260.74	263.16	264.32	265.78	268.80	269.66	272.61	275.02	276.90	280.80	285.59
1981		284.70	285.22	289.03									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.41	5.26	5.22	5.23	5.33	5.36	5.35	5.41	5.42	5.49	5.56	5.56	5.63
1978	5.89	5.68	5.67	5.70	5.80	5.80	5.82	5.91	5.91	6.02	6.08	6.07	6.15
1979	6.38	6.18	6.20	6.24	6.30	6.29	6.33	6.38	6.40	6.52	6.52	6.56	6.67
1980	6.94	6.68	6.72	6.80	6.83	6.85	6.91	6.95	6.99	7.07	7.10	7.20	7.23
1981		7.30	7.37	7.43									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	39.3	38.8	39.0	39.1	39.1	39.2	39.5	39.4	39.4	39.3	39.5	39.3	39.5
1978	39.3	38.8	38.8	39.2	39.3	39.2	39.6	39.6	39.6	39.4	39.4	39.3	39.7
1979	39.3	38.9	38.9	39.4	38.9	39.3	39.5	39.4	39.5	39.2	39.3	39.3	39.6
1980	38.9	38.9	38.8	38.7	38.7	38.8	38.9	38.8	39.0	38.9	39.0	39.0	39.5
1981		39.0	38.7	38.9									

SIC 501—MOTOR VEHICLES AND AUTOMOTIVE EQUIPMENT

ALL EMPLOYEES—IN THOUSANDS													
1977	399.3	391.3	388.5	389.8	394.2	398.4	404.1	404.4	402.9	401.1	403.5	405.2	408.0
1978	421.5	406.5	406.1	409.5	414.3	419.1	424.4	425.5	426.3	427.3	430.6	433.9	435.0
1979	439.4	434.7	435.1	438.7	440.3	442.9	446.5	442.2	442.0	440.2	439.1	436.0	435.5
1980	418.7	433.5	428.4	424.6	420.8	416.2	416.8	413.9	413.6	413.5	414.5	412.9	415.4
1981		412.6	412.8	413.2									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	81.4	78.6	77.8	78.4	79.5	80.6	82.3	82.8	83.1	82.4	82.9	83.8	84.0
1978	88.5	83.9	83.9	84.8	86.1	87.1	88.1	89.5	89.7	90.8	91.8	93.0	93.1
1979	94.6	93.7	93.3	93.8	94.1	95.6	95.9	95.3	95.0	95.0	94.6	94.4	94.0
1980	90.1	93.6	91.9	91.5	90.9	90.1	90.0	89.2	88.8	88.3	88.9	88.7	88.8
1981		87.9	88.0	88.3									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	328.0	320.2	318.5	320.3	323.9	327.5	332.5	332.8	331.3	329.6	331.0	333.1	335.3
1978	346.2	333.6	333.0	336.6	340.9	345.6	349.4	350.2	350.7	350.7	352.8	355.5	355.9
1979	358.6	354.9	355.3	358.0	359.6	361.9	364.9	361.2	360.7	359.0	358.0	355.2	354.2
1980	338.4	352.7	348.4	344.5	341.0	336.8	336.6	333.9	333.4	332.9	333.2	332.2	335.0
1981		332.0	331.4	332.2									

SIC 501—MOTOR VEHICLES AND AUTOMOTIVE EQUIPMENT (Con.)

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	193.15	186.03	186.12	188.64	190.81	190.71	193.36	193.15	193.65	194.66	196.83	198.39	204.75
1978	211.69	197.08	198.50	202.37	207.05	206.59	211.77	216.22	215.60	218.09	219.04	229.68	
1979	230.44	219.46	221.76	227.76	226.91	229.88	231.86	230.86	230.65	233.31	232.32	234.47	245.46
1980	246.53	237.08	236.36	238.64	241.42	242.44	245.25	246.40	249.23	249.98	254.37	254.98	267.24
1981		260.84	259.58	263.64									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.94	4.77	4.76	4.80	4.88	4.89	4.92	4.94	4.94	5.03	5.06	5.10	5.21
1978	5.47	5.20	5.21	5.27	5.35	5.38	5.43	5.53	5.50	5.58	5.65	5.66	5.80
1979	5.97	5.76	5.79	5.87	5.94	5.94	5.93	5.95	5.96	6.06	6.05	6.09	6.23
1980	6.42	6.19	6.22	6.28	6.32	6.33	6.37	6.40	6.44	6.51	6.59	6.64	6.80
1981		6.74	6.76	6.83									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	39.1	39.0	39.1	39.3	39.1	39.0	39.3	39.1	39.2	38.7	38.9	38.9	39.3
1978	38.7	37.9	38.1	38.4	38.7	38.4	39.0	39.1	39.2	38.6	38.6	38.7	39.6
1979	38.6	38.1	38.3	38.8	38.2	38.7	39.1	38.8	38.7	38.5	38.4	38.5	39.4
1980	38.4	38.3	38.0	38.0	38.2	38.3	38.5	38.5	38.7	38.4	38.6	38.4	39.3
1981		38.7	38.4	38.6									

SIC 502—FURNITURE AND HOME FURNISHINGS

ALL EMPLOYEES—IN THOUSANDS													
1977	94.6	90.0	91.2	92.0	91.9	92.4	93.2	95.4	96.6	96.8	97.6	99.3	99.3
1978	103.9	99.3	100.3	101.5	102.1	102.5	102.8	103.5	104.5	105.9	107.0	108.3	108.8
1979	111.3	108.1	109.2	110.3	110.2	110.7	110.9	111.2	111.8	112.5	112.2	114.5	114.4
1980	115.1	113.6	114.7	114.8	114.3	113.4	114.6	114.2	114.9	115.2	116.0	118.1	117.9
1981		116.7	117.1	118.1									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	32.0	30.0	30.3	30.8	30.5	30.9	31.4	32.6	32.8	33.0	33.5	34.4	34.1
1978	36.3	34.4	34.9	35.1	35.7	35.7	35.7	36.0	36.4	36.8	37.3	38.4	38.6
1979	40.3	38.6	38.7	39.6	39.8	39.9	40.2	39.9	40.0	40.7	41.0	42.4	42.5
1980	43.6	42.4	43.2	43.5	43.8	43.4	43.4	43.2	43.7	43.7	43.8	44.7	44.6
1981		44.2	44.6	45.0									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	76.9	73.1	74.0	74.7	74.7	74.8	75.5	77.7	78.5	78.5	79.7	80.8	80.9
1978	84.3	80.4	81.5	82.6	82.9	83.3	83.6	83.9	84.6	85.6	86.8	87.7	88.6
1979	90.6	87.8	88.7	89.7	89.5	89.7	90.4	90.3	91.0	91.4	91.7	93.7	93.6
1980	94.0	93.0	93.7	93.5	93.4	92.6	93.6	92.8	93.6	94.0	94.8	96.6	96.5
1981		95.0	95.4	96.4									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	181.50	170.75	176.06	174.74	177.82	179.83	179.83	182.25	182.63	186.50	187.49	185.37	190.88
1978	200.11	189.38	190.01	190.76	196.70	195.94	197.17	202.69	202.77	203.74	206.72	210.10	214.10
1979	221.68	207.94	206.64	210.75	218.30	222.16	223.56	227.24	226.86	227.93	226.13	227.56	230.95
1980	234.99	224.55	223.38	231.26	231.26	228.78	237.75	236.33	236.86	235.79	239.67	243.47	247.27
1981		251.92	250.28	253.27									

WHOLESALE AND RETAIL TRADE

SIC 505

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
SIC 502—FURNITURE AND HOME FURNISHINGS (Con.)														SIC 504—SPORTING GOODS, TOYS, AND HOBBY GOODS (Con.)															
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS															
1977	37.5	36.8	37.3	37.1	37.2	37.7	37.7	37.5	37.5	37.6	37.8	37.6	38.1	1980	70.5	69.7	68.4	68.8	69.4	69.8	69.9	69.9	70.5	71.6	72.0	72.8	72.8		
1978	37.9	37.5	37.7	37.7	37.9	37.9	37.7	38.1	37.9	37.8	38.0	38.2	38.3	1981		72.5	73.3	73.5											
1979	37.7	37.4	37.3	37.5	37.0	37.4	37.7	38.0	38.0	37.8	37.5	37.8	38.3	WOMEN EMPLOYEES—IN THOUSANDS															
1980	37.3	37.3	36.8	37.3	37.3	37.2	37.5	37.1	37.3	36.9	37.1	37.4	38.1	1977	21.3	20.4	20.2	20.4	20.7	20.8	21.1	21.2	21.2	21.6	22.4	22.8	22.8		
1981		37.6	37.3	37.3										1978	23.2	22.1	22.2	22.6	23.3	23.3	23.8	23.4	22.7	22.8	23.5	24.1	24.5		
SIC 503—LUMBER AND CONSTRUCTION MATERIALS														1979	23.9	24.2	24.5	23.9	22.7	23.1	23.9	23.7	23.5	23.6	24.0	24.5	24.7		
ALL EMPLOYEES—IN THOUSANDS														1980	23.7	23.7	23.1	23.4	23.6	23.8	23.4	23.2	23.3	23.6	24.1	24.3	24.3		
1977	165.0	154.2	153.4	155.6	158.7	160.9	167.8	170.5	171.5	171.1	171.7	172.3	172.1	1981		24.6	24.6	24.9											
1978	181.2	170.5	170.0	172.4	176.0	179.1	183.7	186.5	186.8	185.8	186.9	188.6	188.6	NONSUPERVISORY WORKERS—IN THOUSANDS															
1979	193.9	186.4	185.0	187.6	189.5	193.9	198.5	199.5	198.6	196.9	197.3	197.9	195.7	1977	51.1	49.2	49.0	48.8	49.8	49.8	50.8	51.4	51.5	52.1	53.1	53.6	54.2		
1980	191.6	194.3	194.4	193.9	190.3	188.3	188.5	188.9	190.0	190.5	190.8	195.3	194.5	1978	55.5	52.8	53.5	54.6	55.4	55.5	56.5	56.3	55.0	55.0	56.2	57.1	57.5		
1981		190.3	189.3	190.5										1979	56.5	56.5	57.3	55.9	53.6	54.8	56.1	56.3	56.0	56.3	57.5	58.9	59.0		
WOMEN EMPLOYEES—IN THOUSANDS														1980	57.6	57.5	56.1	56.5	57.0	57.2	57.2	56.9	57.5	58.6	58.9	58.9	58.6		
1977	25.9	24.8	24.7	25.0	25.0	25.4	25.7	26.2	26.5	26.5	26.6	26.7	27.2	NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS															
1978	29.2	27.5	27.5	27.7	28.1	28.6	29.0	29.2	30.1	30.1	30.5	30.8	31.1	1977	214.70	203.83	207.18	209.99	207.18	211.66	215.07	213.89	218.30	220.60	216.59	220.96	229.46		
1979	33.2	31.1	31.6	31.7	32.2	33.3	33.4	33.6	33.7	33.7	34.3	34.6	34.7	1978	228.69	227.67	225.22	229.36	224.32	227.02	224.75	225.22	226.42	228.89	230.49	231.10	241.16		
1980	34.7	34.4	34.6	34.7	34.4	34.2	34.4	34.6	34.6	34.6	34.9	35.0	35.4	1979	242.82	236.33	233.58	236.33	239.09	241.23	241.16	240.75	244.94	245.97	250.61	249.38	255.36		
1981		35.0	35.4	35.6										1980	269.56	256.73	263.15	258.75	258.00	259.50	267.41	270.38	271.44	274.81	272.63	284.61	291.45		
NONSUPERVISORY WORKERS—IN THOUSANDS														1981		296.40	295.13	294.03											
1977	137.1	126.9	126.3	128.7	131.7	133.6	139.6	142.1	143.3	142.7	143.2	143.5	143.3	NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS															
1978	151.1	141.3	140.7	142.8	146.5	150.0	154.0	155.7	156.5	155.5	156.2	157.4	157.1	1977	5.65	5.45	5.51	5.57	5.51	5.57	5.63	5.57	5.67	5.79	5.73	5.83	5.96		
1979	161.7	154.2	153.3	155.4	157.3	162.0	166.4	167.3	166.8	164.6	164.9	165.0	163.2	1978	6.05	5.96	5.99	6.02	5.95	5.99	5.93	5.99	5.99	6.12	6.13	6.13	6.38		
1980	157.8	161.1	160.9	160.0	155.9	154.3	154.3	155.7	156.4	157.0	156.6	160.8	160.2	1979	6.51	6.37	6.33	6.37	6.41	6.45	6.38	6.42	6.48	6.63	6.81	6.74	6.72		
1981		155.7	155.4	156.6										1980	7.15	6.92	6.98	6.90	6.88	6.92	7.15	7.21	7.20	7.27	7.27	7.47	7.57		
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1981		7.80	7.87	7.82											
1977	213.10	198.07	201.84	202.51	206.42	209.82	215.03	217.25	217.40	218.74	222.16	220.81	221.43	NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS															
1978	232.26	215.42	215.81	217.32	226.73	226.12	231.78	235.02	239.20	244.21	243.39	242.57	245.96	1977	38.0	37.4	37.6	37.7	37.6	38.0	38.2	38.4	38.5	38.1	37.8	37.9	38.5		
1979	252.80	238.55	240.71	247.56	245.23	250.17	252.65	254.72	255.67	260.17	259.78	261.22	264.26	1978	37.8	38.2	37.6	38.1	37.7	37.9	37.9	37.6	37.8	37.4	37.6	37.7	37.8		
1980	270.59	254.41	256.50	256.58	261.37	266.19	270.59	272.26	274.32	279.63	278.00	288.86	290.33	1979	37.3	37.1	36.9	37.1	37.3	37.4	37.8	37.5	37.8	37.1	36.8	37.0	38.0		
1981		289.84	289.94	292.99										1980	37.7	37.1	37.7	37.5	37.5	37.5	37.4	37.5	37.7	37.8	37.5	38.1	38.5		
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1981		38.0	37.5	37.6											
1977	5.45	5.24	5.27	5.26	5.32	5.38	5.43	5.50	5.49	5.58	5.61	5.59	5.62	SIC 505—METALS AND MINERALS, EXCEPT PETROLEUM															
1978	5.88	5.61	5.62	5.63	5.74	5.71	5.78	5.92	5.98	6.09	6.10	6.11	6.18	ALL EMPLOYEES—IN THOUSANDS															
1979	6.40	6.18	6.22	6.22	6.24	6.27	6.38	6.40	6.44	6.57	6.56	6.63	6.69	1977	132.1	127.3	127.6	127.8	129.5	130.5	133.8	134.1	134.2	135.1	134.2	135.0	135.6		
1980	7.01	6.66	6.75	6.77	6.86	6.95	7.01	7.09	7.07	7.17	7.11	7.35	7.35	1978	142.4	135.6	137.9	139.4	140.0	141.1	143.5	143.7	144.5	144.4	145.3	146.1	146.9		
1981		7.47	7.61	7.61										1979	152.3	146.7	147.9	149.6	150.7	152.0	154.3	154.7	153.9	154.0	154.6	154.7	154.8		
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														1980	152.4	154.4	154.8	155.5	155.2	152.8	151.7	149.6	149.6	150.4	150.7	151.5	152.6		
1977	39.1	37.8	38.3	38.5	38.8	39.0	39.6	39.5	39.6	39.2	39.6	39.5	39.4	1981		153.0	153.2	154.1											
1978	39.5	38.4	38.4	38.6	39.5	39.6	40.1	39.7	40.0	40.1	39.9	39.7	39.8	WOMEN EMPLOYEES—IN THOUSANDS															
1979	39.5	38.6	38.7	39.8	39.3	39.9	39.6	39.8	39.7	39.6	39.6	39.4	39.5	1977	23.1	22.1	22.2	22.2	22.5	22.8	23.4	23.3	23.6	23.5	23.7	23.8	23.8		
1980	38.6	38.2	38.0	37.9	38.1	38.3	38.6	38.4	38.8	39.0	39.1	39.3	39.5	1978	25.4	24.0	24.1	24.2	24.6	25.0	25.4	25.7	25.7	26.2	26.4	26.6	26.7		
1981		38.8	38.1	38.5										1979	27.7	26.7	26.8	27.1	27.2	27.4	27.7	27.9	28.1	28.0	28.6	28.6			
SIC 504—SPORTING GOODS, TOYS, AND HOBBY GOODS														1980	29.2	28.6	28.6	29.2	29.4	29.9	29.5	29.5	28.9	28.8	29.0	29.2	29.5		
ALL EMPLOYEES—IN THOUSANDS														1981		29.5	29.6	29.7											
1977	61.7	59.4	59.2	59.1	60.2	60.3	61.3	61.9	62.3	62.8	63.8	64.5	65.0	SIC 505—METALS AND MINERALS, EXCEPT PETROLEUM															
1978	66.6	63.7	64.3	65.3	66.3	66.5	67.9	67.6	66.0	66.1	67.7	68.8	69.3	1977	23.1	22.1	22.2	22.2	22.5	22.8	23.4	23.3	23.6	23.5	23.7	23.8	23.8		
1979	68.6	68.6	69.3	67.8	65.3	66.5	68.1	68.4	68.2	68.5	69.8	71.4	71.3	1978	25.4	24.0	24.1	24.2	24.6	25.0	25.4	25.7	25.7	26.2	26.4	26.6	26.7		
														1979	27.7	26.7	26.8	27.1	27.2	27.4	27.7	27.9	28.1	28.0	28.6	28.6			
														1980	29.2	28.6	28.6	29.2	29.4	29.9	29.5	29.5	28.9	28.8	29.0	29.2	29.5		
														1981		29.5	29.6	29.7											

SIC 505
WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 505—METALS AND MINERALS, EXCEPT PETROLEUM (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	107.1	103.1	103.6	103.6	105.1	106.0	109.0	109.0	108.7	109.9	108.9	109.2	109.6
1978	115.6	109.8	111.6	113.2	113.4	114.4	117.0	117.0	117.2	117.6	118.3	118.8	119.4
1979	124.0	119.1	120.1	121.6	122.8	124.1	125.9	126.0	125.5	125.4	126.0	125.8	126.1
1980	123.0	125.3	125.9	126.8	126.0	123.8	122.6	120.7	119.9	120.6	120.9	121.4	122.1
1981		122.2	122.5	123.7									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	245.60	233.45	237.41	236.22	240.60	244.21	246.85	245.02	249.60	252.23	251.83	254.00	256.07
1978	266.39	255.91	256.61	258.95	261.23	262.54	265.60	263.14	267.92	269.99	272.95	275.81	279.50
1979	295.20	276.75	287.20	288.95	285.98	291.85	292.07	291.80	301.73	303.20	301.20	306.77	313.50
1980	323.56	308.05	316.81	318.40	317.20	321.20	321.93	318.24	324.18	328.60	330.26	338.75	343.13
1981		341.70	343.73	345.14									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	6.14	5.91	5.95	5.95	6.03	6.09	6.08	6.08	6.24	6.29	6.28	6.35	6.37
1978	6.71	6.43	6.48	6.49	6.58	6.58	6.64	6.73	6.80	6.87	6.91	6.93	6.97
1979	7.38	7.06	7.18	7.17	7.24	7.26	7.32	7.35	7.45	7.58	7.53	7.65	7.76
1980	8.15	7.74	7.94	7.98	7.99	8.05	8.15	8.16	8.27	8.34	8.34	8.49	8.41
1981		8.50	8.68	8.65									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	40.0	39.5	39.9	39.7	39.9	40.1	40.6	40.3	40.0	40.1	40.1	40.0	40.2
1978	39.7	39.8	39.6	39.9	39.7	39.9	40.0	39.1	39.4	39.3	39.5	39.8	40.1
1979	40.0	39.2	40.0	40.3	39.5	40.2	39.9	39.7	40.5	40.0	40.0	40.1	40.4
1980	39.7	39.8	39.9	39.9	39.7	39.9	39.5	39.0	39.2	39.4	39.6	39.9	40.8
1981		40.2	39.6	39.9									

SIC 506—ELECTRICAL GOODS

ALL EMPLOYEES—IN THOUSANDS													
1977	368.2	363.4	359.1	361.9	362.5	364.6	367.5	369.1	368.2	371.4	374.0	377.4	378.7
1978	386.1	379.9	377.8	378.9	380.0	382.4	386.4	386.7	388.9	391.2	390.8	393.8	395.8
1979	405.4	395.5	396.3	398.4	400.7	402.7	406.7	406.8	408.1	408.2	410.8	414.6	415.6
1980	418.6	417.1	418.8	420.1	419.4	417.7	419.1	416.7	418.0	417.2	418.3	420.0	420.5
1981		419.2	419.4	418.9									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	96.8	93.7	93.4	93.9	94.2	94.7	96.3	96.9	97.0	98.3	99.5	101.5	102.7
1978	106.2	102.6	101.7	102.6	103.5	104.3	105.7	105.7	107.5	108.5	109.3	111.4	111.7
1979	114.3	111.5	111.6	112.4	113.5	113.9	114.8	114.2	113.9	114.9	115.7	117.2	118.4
1980	120.6	119.1	118.9	120.3	120.7	120.7	121.2	119.5	120.2	120.4	120.9	122.4	123.1
1981		121.5	122.5	122.3									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	304.9	301.6	298.4	300.1	300.6	301.8	304.4	305.8	304.9	307.3	309.4	312.2	312.6
1978	317.9	312.7	310.6	311.9	313.3	314.6	318.5	318.7	320.6	321.9	321.1	324.7	326.2
1979	332.1	325.2	325.7	327.8	329.4	330.8	333.3	332.5	333.2	332.8	335.4	338.4	340.1
1980	340.5	340.9	341.7	343.4	342.2	340.4	341.2	338.2	338.7	338.0	338.9	341.1	341.1
1981		339.6	339.4	338.0									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	209.72	204.22	198.98	198.22	202.50	206.18	205.90	208.79	208.41	214.06	222.14	220.77	228.31
1978	231.66	220.03	219.26	225.81	226.98	224.85	229.70	233.44	233.24	237.55	241.86	238.39	246.71
1979	251.16	238.08	237.50	244.34	242.95	243.71	248.57	249.87	253.60	260.35	260.13	263.98	273.82
1980	278.91	263.16	267.42	271.36	273.22	273.86	276.64	279.69	280.02	286.30	285.82	293.25	299.30
1981		296.77	302.64	307.32									

SIC 506—ELECTRICAL GOODS (Con.)

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.49	5.36	5.25	5.30	5.40	5.44	5.39	5.48	5.47	5.56	5.74	5.69	5.78
1978	5.94	5.73	5.71	5.79	5.85	5.81	5.83	5.94	5.95	6.06	6.17	6.16	6.23
1979	6.49	6.20	6.25	6.33	6.36	6.33	6.39	6.44	6.57	6.71	6.67	6.70	6.88
1980	7.17	6.80	6.91	7.03	7.06	7.04	7.13	7.19	7.18	7.36	7.31	7.50	7.52
1981		7.59	7.78	7.88									

WHOLESALE AND RETAIL TRADE

SIC 51

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 508—MACHINERY, EQUIPMENT, AND SUPPLIES														SIC 509—MISCELLANEOUS DURABLE GOODS (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	1,087.9	1,049.6	1,054.8	1,063.2	1,071.9	1,081.1	1,089.5	1,097.9	1,102.4	1,102.3	1,107.4	1,114.7	1,119.8	1977	157.7	153.1	154.4	156.3	158.3	160.6	159.5	157.6	158.6	158.1	158.8	157.8	159.5
1978	1,170.7	1,124.3	1,130.2	1,140.4	1,149.4	1,160.8	1,176.1	1,181.8	1,187.5	1,188.4	1,195.1	1,202.7	1,211.8	1978	165.1	156.8	159.5	161.8	163.4	165.3	167.6	164.3	165.2	166.0	167.1	171.5	172.9
1979	1,260.8	1,217.4	1,224.8	1,238.0	1,246.7	1,256.9	1,275.9	1,279.2	1,280.1	1,273.7	1,279.6	1,283.3	1,274.4	1979	174.6	170.0	170.1	173.8	175.0	174.3	177.5	175.4	174.6	174.1	175.7	177.2	177.2
1980	1,307.5	1,285.7	1,294.8	1,306.6	1,313.7	1,315.2	1,318.8	1,309.3	1,306.6	1,306.1	1,310.3	1,309.9	1,312.5	1980	174.0	176.3	176.4	177.4	176.9	174.9	171.8	168.8	170.7	171.5	174.2	174.8	174.8
1981		1,314.2	1,318.1	1,327.5										1981		172.4	172.4	173.8									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	228.0	218.3	220.0	220.8	221.4	224.0	226.0	229.1	232.0	232.1	234.4	237.5	239.8	1977	180.95	171.38	178.33	180.11	178.94	180.26	181.27	180.48	180.86	181.16	183.55	184.42	187.79
1978	253.0	240.0	242.3	245.3	246.3	248.9	252.9	254.8	256.7	256.1	261.0	263.8	267.5	1978	197.34	184.24	189.14	192.37	194.82	195.71	197.11	196.56	199.87	202.54	202.79	205.54	209.88
1979	280.3	269.1	269.7	273.5	275.4	276.9	281.8	284.5	286.0	284.8	286.1	288.7	287.5	1979	214.03	205.98	207.67	214.26	208.21	211.18	214.63	211.77	215.91	215.83	218.51	221.03	222.61
1980	299.5	291.5	293.5	298.7	299.5	301.3	301.7	299.1	298.7	300.5	302.4	302.2	304.4	1980	225.61	218.27	220.20	220.80	221.95	222.72	225.04	220.71	224.41	228.05	231.39	234.30	239.73
1981		302.7	303.7	305.5										1981		236.78	233.46	239.17									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	892.8	859.3	863.5	870.9	878.6	886.6	894.7	902.8	906.8	905.2	909.1	915.7	919.9	1977	4.70	4.57	4.62	4.63	4.66	4.67	4.66	4.70	4.71	4.73	4.78	4.79	4.84
1978	957.6	922.7	925.2	934.2	941.8	950.1	964.1	969.8	974.3	972.8	975.0	978.2	983.5	1978	5.06	4.90	4.90	4.92	4.97	4.98	4.99	5.04	5.06	5.18	5.24	5.23	5.30
1979	1,029.7	988.6	995.9	1,008.7	1,017.8	1,026.3	1,044.2	1,047.1	1,047.5	1,040.6	1,045.7	1,048.8	1,045.1	1979	5.46	5.35	5.38	5.37	5.38	5.36	5.42	5.43	5.48	5.52	5.56	5.61	5.65
1980	1,066.3	1,049.5	1,055.6	1,068.3	1,075.4	1,073.3	1,078.5	1,071.2	1,068.2	1,062.2	1,065.1	1,063.3	1,064.5	1980	5.86	5.64	5.69	5.75	5.75	5.77	5.83	5.87	5.89	5.97	6.01	6.07	6.10
1981		1,065.9	1,069.5	1,078.0										1981		6.15	6.16	6.18									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	225.20	218.20	217.31	218.55	222.40	224.40	224.87	226.89	226.89	228.57	233.34	230.62	233.42	1977	38.5	37.5	38.6	38.9	38.4	38.6	38.9	38.4	38.4	38.3	38.4	38.5	38.8
1978	246.00	235.42	234.24	236.81	242.80	242.99	244.82	249.27	247.63	252.05	254.87	253.20	256.88	1978	39.0	37.6	38.6	39.1	39.2	39.3	39.5	39.0	39.5	39.1	38.7	39.3	39.6
1979	263.74	256.71	256.07	259.20	259.64	260.80	263.06	265.72	265.32	268.53	269.20	270.12	274.62	1979	39.2	38.5	38.6	39.9	38.7	39.4	39.6	39.0	39.4	39.1	39.3	39.4	39.4
1980	282.50	274.92	273.53	277.07	277.54	278.24	281.24	282.10	284.07	286.10	289.14	291.21	293.49	1980	38.5	38.7	38.7	38.4	38.6	38.6	38.6	37.6	38.1	38.2	38.5	38.6	39.3
1981		294.39	295.60	299.86										1981		38.5	37.9	38.7									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 51—WHOLESALE TRADE—NONDURABLE GOODS													
1977	5.63	5.51	5.46	5.45	5.56	5.61	5.58	5.63	5.63	5.70	5.79	5.78	5.85	ALL EMPLOYEES—IN THOUSANDS													
1978	6.15	5.96	5.93	5.95	6.07	6.09	6.09	6.17	6.16	6.27	6.34	6.33	6.39	1977	1,991	1,945	1,943	1,956	1,963	1,971	1,999	1,997	2,008	2,018	2,027	2,028	2,037
1979	6.61	6.45	6.45	6.48	6.54	6.52	6.56	6.61	6.60	6.73	6.73	6.77	6.90	1978	2,068	2,009	2,012	2,026	2,044	2,055	2,083	2,075	2,087	2,091	2,113	2,109	2,117
1980	7.17	6.96	6.96	7.05	7.08	7.08	7.12	7.16	7.21	7.28	7.32	7.41	7.43	1979	2,123	2,097	2,091	2,099	2,099	2,110	2,131	2,129	2,130	2,135	2,150	2,153	2,147
1981		7.51	7.56	7.63										1980	2,159	2,120	2,121	2,129	2,130	2,142	2,162	2,176	2,181	2,185	2,195	2,183	2,180
														1981		2,151	2,144	2,149									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	40.0	39.6	39.8	40.1	40.0	40.0	40.3	40.3	40.3	40.1	40.3	39.9	39.9	1977	534	520	518	522	526	526	538	530	536	543	549	548	548
1978	40.0	39.5	39.5	39.8	40.0	39.9	40.2	40.4	40.2	40.2	40.2	40.0	40.2	1978	563	538	539	547	553	555	565	556	562	570	590	589	590
1979	39.9	39.8	39.7	40.0	39.7	40.0	40.1	40.2	40.2	39.9	40.0	39.9	39.8	1979	588	580	577	582	577	582	587	583	586	594	603	606	603
1980	39.4	39.5	39.3	39.3	39.2	39.3	39.5	39.4	39.4	39.3	39.5	39.3	39.5	1980	608	591	594	595	591	598	606	610	611	620	632	625	628
1981		39.2	39.1	39.3										1981		610	608	609									
SIC 509—MISCELLANEOUS DURABLE GOODS														NONSUPERVISORY WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	188.7	183.9	184.8	186.7	188.7	191.1	190.7	189.0	189.8	189.4	190.3	188.7	190.9	1977	1,640	1,600	1,597	1,608	1,616	1,624	1,648	1,646	1,655	1,664	1,671	1,673	1,680
1978	196.4	187.6	189.9	192.8	194.5	196.9	198.7	195.5	196.6	197.6	198.8	203.4	204.6	1978	1,708	1,656	1,658	1,672	1,689	1,697	1,720	1,713	1,725	1,728	1,750	1,744	1,747
1979	206.4	201.9	201.7	205.4	206.6	206.1	209.5	207.4	206.3	206.0	207.7	209.4	208.6	1979	1,746	1,728	1,722	1,727	1,727	1,734	1,755	1,749	1,750	1,756	1,769	1,770	1,763
1980	205.2	207.1	207.8	208.8	208.1	206.5	203.0	199.8	201.5	202.7	205.6	205.7	205.8	1980	1,767	1,736	1,738	1,743	1,745	1,753	1,772	1,783	1,786	1,788	1,796	1,783	1,781
1981		203.7	203.7	205.3										1981		1,756	1,749	1,754									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	46.5	45.9	45.9	45.9	46.0	46.4	46.1	45.9	46.2	46.6	46.8	47.5	48.2	1977	205.13	196.70	199.26	199.12	201.17	203.07	203.61	207.52	205.90	208.19	210.82	210.31	214.10
1978	48.6	47.3	47.9	48.3	48.5	49.0	48.7	47.1	47.2	48.2	49.2	50.9	51.1	1978	223.65	213.57	214.51	216.41	218.50	217.35	220.98	226.74	225.93	230.18	230.95	232.03	235.55
1979	48.9	50.0	49.3	49.0	49.1	49.2	49.7	47.9	48.0	48.5	48.5	49.1	48.5	1979	244.48	233.98	234.25	237.74	240.79	240.66	243.59	246.91	245.63	249.72	248.95	252.40	256.23
1980	47.6	48.0	48.4	48.1	47.8	48.3	46.6	46.1	46.6	47.2	48.0	48.0	47.9	1980	264.22	255.91	258.10	259.99	261.51	262.96	258.96	262.17	263.90	267.57	269.37	272.12	274.74
1981		47.2	47.0	47.2										1981		277.45	277.49	280.48									

SIC 51
WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 51—WHOLESALE TRADE—NONDURABLE GOODS (Con.)

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	5.37	5.19	5.23	5.24	5.28	5.33	5.33	5.39	5.39	5.45	5.49	5.52	5.59	1977	131.2	129.4	129.7	130.0	129.6	129.7	131.3	129.5	130.4	132.4	134.3	134.3	133.7
1978	5.87	5.65	5.66	5.68	5.75	5.75	5.80	5.92	5.93	6.01	6.03	6.09	6.15	1978	139.1	133.9	133.9	135.4	136.9	137.7	139.3	138.5	139.9	141.8	143.1	144.1	145.1
1979	6.40	6.19	6.23	6.24	6.32	6.30	6.36	6.43	6.43	6.52	6.50	6.59	6.69	1979	144.3	144.0	143.6	143.9	143.4	144.2	144.7	143.8	144.4	143.1	144.6	145.5	145.8
1980	6.99	6.77	6.81	6.86	6.90	6.92	6.98	7.01	7.00	7.06	7.07	7.18	7.23	1980	147.1	146.2	145.8	146.4	147.1	146.2	146.7	146.3	146.4	146.6	148.4	148.9	150.5
1981		7.34	7.38	7.42										1981		150.4	149.8	149.1									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	38.2	37.9	38.1	38.0	38.1	38.1	38.2	38.5	38.2	38.2	38.4	38.1	38.3	1977	55.5	54.2	54.6	54.6	54.9	55.2	55.8	54.6	55.1	56.3	57.3	57.2	56.6
1978	38.1	37.8	37.9	38.1	38.0	37.8	38.1	38.3	38.1	38.3	38.3	38.1	38.3	1978	59.4	57.0	56.5	57.2	58.3	58.8	59.6	58.8	59.1	60.6	61.6	62.6	63.2
1979	38.2	37.8	37.6	38.1	38.1	38.2	38.3	38.4	38.2	38.3	38.3	38.3	38.3	1979	64.1	62.9	63.5	63.8	63.6	64.4	63.9	63.6	64.3	63.9	65.1	65.4	65.3
1980	37.8	37.8	37.9	37.9	37.9	38.0	37.1	37.4	37.7	37.9	38.1	37.9	38.0	1980	64.5	65.7	64.7	64.6	64.4	64.1	64.0	63.1	63.5	63.9	65.1	65.3	66.0
1981		37.8	37.6	37.8										1981		66.0	65.8	65.5									

SIC 511—PAPER AND PAPER PRODUCTS

ALL EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	126.8	123.4	123.4	123.9	125.3	125.9	127.0	126.4	126.6	128.9	129.4	130.2	131.5	1977	112.2	111.2	111.0	111.1	111.1	111.2	112.3	110.3	111.2	112.8	114.8	114.7	114.3
1978	135.9	131.7	131.8	133.0	133.8	134.7	135.7	136.0	136.7	137.2	138.6	140.3	141.5	1978	119.1	114.5	114.6	116.1	117.4	118.0	119.2	118.2	119.5	121.0	122.4	123.5	124.7
1979	145.6	141.2	142.2	143.3	144.1	144.8	146.7	147.1	146.9	146.2	147.3	148.6	149.2	1979	123.5	123.9	123.4	123.7	123.6	123.7	124.1	123.2	123.5	121.9	123.1	123.8	123.9
1980	151.5	149.8	149.7	150.6	150.8	150.8	151.7	151.5	151.5	151.7	152.5	153.3	153.6	1980	124.7	125.0	124.3	124.2	124.7	123.8	124.1	124.0	123.9	123.5	125.5	126.0	127.2
1981		153.2	153.2	153.4										1981		127.1	127.0	126.3									

WOMEN EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	37.4	36.4	36.5	36.4	36.8	36.9	37.5	37.0	37.1	38.0	38.1	38.5	39.4	1977	216.16	210.37	211.58	211.85	214.23	213.16	216.58	219.01	215.81	220.95	220.95	219.82	223.29
1978	39.8	39.2	39.2	39.3	39.5	39.3	39.3	39.3	39.3	39.8	40.5	40.9	41.4	1978	231.49	223.30	223.47	221.76	228.82	224.32	227.93	234.08	231.87	238.08	238.13	239.23	244.68
1979	42.7	40.8	40.8	41.5	42.2	42.7	43.3	43.3	43.3	42.7	43.7	43.9	43.9	1979	248.44	241.15	242.52	239.77	242.92	240.75	249.48	246.38	254.69	252.67	256.81	263.03	
1980	46.0	44.0	44.2	44.9	45.2	45.5	46.2	46.2	46.3	46.4	47.2	47.6	47.7	1980	273.43	260.48	262.73	268.62	267.12	269.38	273.79	274.16	277.51	285.38	280.50	281.60	281.62
1981		48.0	48.0	47.9										1981		284.58	291.14	288.97									

NONSUPERVISORY WORKERS—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	103.6	100.3	100.8	101.0	102.1	102.9	103.7	103.2	103.6	105.7	105.7	106.7	107.9	1977	5.60	5.45	5.51	5.46	5.55	5.58	5.64	5.63	5.62	5.68	5.68	5.68	5.74
1978	110.7	108.3	108.0	108.7	109.2	109.6	110.2	110.5	111.0	111.5	112.7	114.1	114.9	1978	6.06	5.80	5.85	5.79	5.99	5.95	6.03	6.16	6.07	6.20	6.25	6.23	6.29
1979	118.0	114.4	114.8	115.5	116.5	117.1	118.9	119.2	119.5	118.7	119.6	120.5	121.2	1979	6.59	6.28	6.45	6.36	6.53	6.42	6.60	6.59	6.57	6.72	6.72	6.83	6.94
1980	123.5	121.5	121.9	122.7	123.1	123.1	123.9	124.0	124.1	123.5	124.4	124.9	124.7	1980	7.37	7.04	7.12	7.26	7.20	7.32	7.44	7.37	7.48	7.59	7.50	7.57	7.55
1981		124.4	124.4	124.3										1981		7.65	7.89	7.81									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	225.71	219.23	221.67	223.87	223.87	223.38	219.73	225.22	222.65	225.57	233.78	234.05	235.05	1977	38.6	38.6	38.4	38.8	38.6	38.2	38.4	38.9	38.4	38.9	38.9	38.7	38.9
1978	250.03	235.43	230.95	234.33	240.54	237.40	240.31	253.64	259.84	263.15	265.72	265.35	269.38	1978	38.2	38.5	38.2	38.3	38.2	37.7	37.8	38.0	38.2	38.4	38.1	38.4	38.9
1979	277.77	272.27	272.98	277.10	278.58	275.23	270.41	271.47	277.09	279.96	283.14	284.28	292.35	1979	37.7	38.4	37.6	37.7	37.2	37.5	37.8	37.9	37.5	37.9	37.6	37.6	37.9
1980	291.56	289.74	287.00	287.79	291.20	289.38	290.18	287.07	287.79	293.83	298.84	300.81	301.62	1980	37.1	37.0	36.9	37.0	37.1	36.8	36.8	37.2	37.1	37.6	37.4	37.2	37.3
1981		303.60	304.43	313.22										1981		37.2	36.9	37.0									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	6.15	5.99	6.04	6.10	6.10	6.07	6.02	6.12	6.10	6.18	6.37	6.36	6.37	1977	157.7	154.8	155.4	156.7	156.8	156.9	158.3	156.0	158.8	158.3	160.4	161.0	159.5
1978	6.85	6.45	6.31	6.42	6.59	6.54	6.62	6.93	7.08	7.19	7.32	7.31	7.34	1978	162.9	157.0	157.8	159.6	161.6	161.9	164.6	162.2	164.6	165.3	166.6	166.5	166.5
1979	7.61	7.48	7.52	7.53	7.57	7.52	7.47	7.52	7.55	7.67	7.80	7.81	7.88	1979	168.4	165.7	166.8	168.7	167.4	167.3	169.3	169.0	169.0	169.0	170.5	169.9	168.6
1980	8.01	7.96	7.95	7.95	8.00	7.95	7.95	7.93	7.95	8.05	8.21	8.13	8.13	1980	168.7	166.5	167.6	167.9	166.7	166.8	168.4	169.0	169.7	169.9	171.2	171.3	169.1
1981		8.25	8.25	8.42										1981		165.9	166.9	167.7									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	36.7	36.6	36.7	36.7	36.7	36.8	36.5	36.8	36.5	36.5	36.7	36.8	36.9
1978	36.5	36.5	36.6	36.5	36.5	36.3	36.3	36.6	36.7	36.6	36.3	36.3	36.7
1979	36.5	36.4	36.3	36.8	36.8	36.6	36.2	36.1	36.7	36.5	36.3	36.4	37.1
1980	36.4	36.4	36.1	36.2	36.4	36.4	36.5	36.2	36.2	36.5	36.4	37.0	37.1
1981		36.8	36.9	37.2									

WHOLESALE AND RETAIL TRADE

SIC 516

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 513—APPAREL, PIECE GOODS, AND NOTIONS (Con.)														SIC 514—GROCERIES AND RELATED PRODUCTS (Con.)													
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	124.5	121.9	122.5	123.2	123.2	123.4	124.5	123.1	125.8	125.4	127.0	127.6	126.0	1977	5.43	5.19	5.24	5.29	5.33	5.37	5.36	5.46	5.46	5.53	5.59	5.62	5.69
1978	129.4	124.1	124.7	126.9	128.5	128.6	130.9	129.2	131.1	131.9	133.0	132.5	131.4	1978	5.92	5.77	5.78	5.77	5.80	5.82	5.86	5.94	5.97	6.03	6.05	6.11	6.13
1979	133.6	130.9	132.3	133.7	132.9	132.1	134.4	133.9	134.2	134.3	135.7	135.0	134.0	1979	6.39	6.19	6.22	6.23	6.31	6.32	6.32	6.40	6.41	6.48	6.51	6.62	6.65
1980	133.9	132.3	133.3	133.4	132.2	132.2	133.7	133.9	134.6	134.7	135.9	136.0	134.0	1980	6.95	6.74	6.78	6.81	6.85	6.86	6.92	6.95	6.91	7.03	7.07	7.25	7.22
1981		130.5	131.3	132.1										1981		7.32	7.40	7.40									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	178.28	178.77	176.00	174.88	176.22	178.71	178.42	176.85	177.29	178.42	181.80	182.52	183.68	1977	38.6	38.5	38.8	38.7	38.6	38.6	38.5	39.2	38.6	38.6	38.5	38.4	38.7
1978	196.56	184.89	188.24	190.41	192.95	191.88	192.95	196.56	198.56	203.32	203.69	207.55	209.44	1978	38.4	38.1	38.3	38.5	38.2	38.1	38.4	38.9	38.6	38.5	38.3	38.4	38.5
1979	217.86	207.64	208.94	212.54	214.39	212.43	217.71	219.92	220.06	222.64	222.88	225.06	230.14	1979	38.5	37.9	37.8	38.2	38.4	38.4	38.6	39.1	38.6	39.0	38.4	38.9	38.9
1980	231.47	225.57	227.91	230.00	228.23	228.49	231.10	229.22	230.63	236.43	236.48	236.59	237.23	1980	37.6	38.1	38.3	38.2	37.9	38.2	35.3	36.4	37.4	37.8	37.8	37.8	38.1
1981		241.85	240.67	245.81										1981		37.9	37.7	37.9									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 516—CHEMICALS AND ALLIED PRODUCTS													
1977	4.98	4.78	4.93	4.94	4.95	5.02	4.97	5.01	4.98	5.04	5.05	5.07	5.06	ALL EMPLOYEES—IN THOUSANDS													
1978	5.40	5.15	5.20	5.26	5.33	5.33	5.33	5.40	5.44	5.54	5.55	5.64	5.63	1977	113.2	112.0	112.4	113.4	112.4	112.6	114.3	112.6	113.1	113.5	114.1	114.1	114.2
1979	5.92	5.72	5.74	5.76	5.81	5.82	5.90	5.96	5.98	6.05	6.04	6.05	6.17	1978	116.5	113.5	113.9	113.7	114.1	115.9	117.1	118.7	119.0	117.4	117.9	119.8	119.8
1980	6.29	6.18	6.21	6.25	6.27	6.26	6.28	6.28	6.25	6.39	6.34	6.36	6.36	1979	122.5	119.7	120.7	121.6	122.2	122.2	123.3	123.2	123.4	122.9	123.0	123.8	123.6
1981		6.59	6.54	6.59										1980	127.5	125.3	126.0	127.5	126.7	127.2	127.8	128.9	128.7	128.4	127.3	127.5	129.1
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	35.8	37.4	35.7	35.4	35.6	35.6	35.9	35.3	35.6	35.4	36.0	36.0	36.3	1977	26.7	26.5	26.2	26.4	26.4	26.6	27.0	26.8	26.9	26.6	26.9	27.0	27.1
1978	36.4	35.9	36.2	36.2	36.2	36.0	36.2	36.4	36.5	36.7	36.7	36.8	37.2	1978	28.7	27.2	27.3	27.6	27.7	28.2	28.5	29.5	29.3	29.5	29.6	29.7	30.3
1979	36.8	36.3	36.4	36.9	36.9	36.5	36.9	36.9	36.8	36.8	36.9	37.2	37.3	1979	31.6	30.4	30.6	31.2	31.3	31.4	32.0	31.9	31.9	31.8	32.0	32.2	32.1
1980	36.8	36.5	36.7	36.8	36.4	36.5	36.8	36.5	36.9	37.0	37.3	37.2	37.3	1980	33.4	32.1	32.4	32.9	32.4	32.9	33.3	33.5	33.9	34.0	34.1	34.1	35.3
1981		36.7	36.8	37.3										1981		35.6	35.3	34.9									
SIC 514—GROCERIES AND RELATED PRODUCTS														NONSUPERVISORY WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	611.7	591.4	589.2	593.9	599.4	605.5	618.9	620.9	623.0	629.6	621.9	620.6	625.5	1977	79.4	78.3	78.6	79.4	78.8	78.9	80.3	78.9	79.1	79.6	80.1	80.4	80.3
1978	635.3	615.4	619.2	623.8	629.3	634.7	645.4	640.4	639.0	644.0	646.5	640.6	645.1	1978	83.0	79.7	80.1	80.1	80.9	82.6	83.8	84.8	85.1	84.0	84.1	84.6	85.7
1979	648.1	638.5	632.8	634.4	632.7	639.5	654.3	657.4	659.2	660.6	658.4	653.6	655.3	1979	89.0	85.8	86.8	87.7	88.2	88.4	89.6	89.8	90.1	89.7	90.0	90.8	91.0
1980	673.6	646.4	647.7	647.7	653.6	664.9	679.9	690.5	696.8	697.6	692.8	681.6	683.4	1980	93.0	92.1	93.0	94.7	93.8	93.4	93.6	94.0	93.4	92.5	90.9	91.6	93.0
1981		671.3	667.3	669.9										1981		93.9	92.9	92.6									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	143.9	138.9	137.5	138.9	142.1	141.6	149.3	145.1	145.7	148.5	148.0	145.2	146.1	1977	231.55	226.38	225.79	224.07	229.88	231.21	231.17	229.96	229.63	233.32	239.47	237.55	243.18
1978	147.6	140.8	142.2	145.2	146.6	148.8	154.2	148.5	147.8	148.1	151.3	148.4	149.4	1978	259.35	246.02	247.27	250.51	253.87	248.71	253.87	259.11	261.97	268.62	271.55	269.00	276.71
1979	146.3	144.4	141.1	144.5	139.9	143.4	148.0	146.9	147.6	151.7	150.6	148.1	149.6	1979	295.77	275.32	282.58	284.71	290.07	286.56	296.56	298.50	298.19	304.56	306.09	308.85	319.59
1980	158.0	144.2	145.0	144.0	149.7	156.4	161.2	164.7	166.4	169.3	169.5	161.6	164.2	1980	326.19	315.93	319.90	322.65	321.05	324.30	327.89	321.70	326.09	330.62	331.06	331.63	344.12
1981		155.3	154.7	156.2										1981		347.70	347.60	349.38									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	526.3	507.0	505.0	509.2	514.8	521.1	534.0	534.9	537.3	543.1	535.8	534.3	539.3	1977	6.03	5.88	5.88	5.82	5.94	5.99	6.02	6.02	5.98	6.14	6.22	6.17	6.30
1978	549.9	530.6	534.0	538.5	544.0	548.2	558.5	554.3	555.1	559.7	561.7	555.8	557.8	1978	6.65	6.39	6.49	6.49	6.56	6.46	6.56	6.61	6.70	6.87	6.84	6.81	6.97
1979	558.6	551.7	545.7	547.5	544.9	550.6	564.9	566.5	567.3	569.9	568.0	562.8	563.3	1979	7.45	6.97	7.10	7.10	7.27	7.20	7.47	7.50	7.53	7.73	7.71	7.76	8.05
1980	580.4	555.1	557.1	556.8	562.7	572.8	587.4	597.6	603.0	603.0	597.2	584.9	586.9	1980	8.30	8.08	8.14	8.21	8.19	8.21	8.28	8.27	8.34	8.37	8.36	8.46	8.69
1981		574.3	570.2	572.6										1981		8.87	8.89	8.89									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	209.60	199.82	203.31	204.72	205.74	207.28	206.36	214.03	210.76	213.46	215.22	215.81	220.20	1977	38.4	38.5	38.4	38.5	38.7	38.6	38.4	38.2	38.4	38.0	38.5	38.5	38.6
1978	227.33	219.84	221.37	222.15	221.56	221.74	225.02	231.07	230.44	232.16	231.72	234.62	236.01	1978	39.0	38.5	38.1	38.6	38.7	38.5	38.7	39.2	39.1	39.1	39.7	39.5	39.7
1979	246.02	234.60	235.12	237.99	242.30	242.69	243.95	250.24	247.43	252.72	249.98	257.52	258.69	1979	39.7	39.5	39.8	40.1	39.9	39.8	39.7	39.8	39.6	39.4	39.7	39.8	39.7
1980	261.32	256.79	259.67	260.14	259.62	262.05	244.28	252.98	258.43	265.73	267.25	274.05	275.08	1980	39.3	39.1	39.3	39.3	39.2	39.5	39.6	38.9	39.1	39.5	39.6	39.2	39.6
1981		277.43	278.98	280.46										1981		39.2	39.1	39.1									

SIC 517
WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 517—PETROLEUM AND PETROLEUM PRODUCTS														SIC 518—BEER, WINE, AND DISTILLED BEVERAGES (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	229.7	231.6	231.5	230.4	227.4	229.9	230.4	229.9	230.6	228.9	227.7	228.3	230.2	1977	104.8	101.8	100.9	101.3	102.7	102.7	105.5	107.0	108.0	105.8	105.9	106.8	109.0
1978	229.4	229.2	228.5	228.2	227.8	228.5	232.6	232.3	232.0	229.5	226.5	227.8	229.9	1978	109.9	106.1	106.1	107.3	107.2	108.4	111.2	112.9	112.0	111.3	110.9	112.2	113.7
1979	225.4	232.5	231.3	230.0	228.1	228.6	227.2	224.3	221.4	220.0	219.9	220.6	221.2	1979	114.8	110.6	110.4	111.0	112.2	113.4	116.3	117.4	117.5	116.1	116.2	117.7	118.6
1980	221.4	220.3	218.0	217.2	218.9	221.8	223.6	224.7	224.2	221.0	221.2	222.4	223.4	1980	116.1	114.2	113.9	114.4	113.7	114.5	117.1	118.4	118.2	116.6	116.5	117.4	118.7
1981		224.1	224.6	224.2										1981		115.3	115.7	116.2									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	44.0	43.7	42.9	43.5	43.4	43.8	44.2	44.0	44.7	44.5	44.1	44.4	44.6	1977	240.92	225.38	226.26	228.38	239.78	239.27	242.70	245.89	244.35	245.63	244.08	248.54	258.40
1978	47.1	45.1	45.0	45.5	45.7	46.1	47.3	48.0	48.6	48.3	48.0	48.5	49.0	1978	262.39	245.72	242.03	250.80	260.30	258.43	264.60	266.92	267.57	268.84	262.63	273.73	282.73
1979	48.8	49.1	48.8	48.7	48.3	48.7	49.6	49.5	49.1	48.2	48.6	48.7	48.8	1979	274.91	270.05	262.67	270.40	270.07	271.22	279.00	277.14	274.91	278.61	271.95	284.50	292.09
1980	51.2	48.9	49.5	49.6	49.7	50.6	51.4	52.6	52.4	51.4	52.1	52.6	53.1	1980	298.28	281.86	278.94	284.53	287.15	293.88	300.20	305.31	306.98	298.52	302.29	312.65	327.12
1981		51.4	51.7	51.8										1981		309.52	304.43	312.06									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	180.7	182.4	182.5	181.7	179.6	181.8	181.9	181.1	181.5	179.4	178.2	178.1	179.9	1977	6.34	6.01	5.97	6.01	6.31	6.28	6.37	6.42	6.38	6.43	6.44	6.61	6.80
1978	176.3	178.9	178.1	177.4	176.9	177.2	180.5	178.2	177.5	174.4	171.7	171.9	173.3	1978	6.96	6.57	6.42	6.60	6.85	6.91	7.00	7.08	7.06	7.15	7.06	7.28	7.46
1979	166.5	174.7	173.8	171.0	168.7	169.0	167.7	164.7	162.9	161.0	160.5	161.2	162.2	1979	7.41	7.24	7.08	7.23	7.26	7.35	7.46	7.45	7.41	7.53	7.39	7.71	7.81
1980	161.9	160.7	159.3	158.2	160.7	162.5	164.2	164.4	164.2	161.3	161.4	162.2	163.2	1980	8.04	7.68	7.58	7.69	7.74	7.90	8.07	8.12	8.23	8.09	8.17	8.45	8.70
1981		168.2	168.1	168.1										1981		8.48	8.25	8.48									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	241.47	238.19	236.38	235.13	234.91	237.23	239.68	241.30	242.70	242.19	245.39	247.20	252.10	1977	38.0	37.5	37.9	38.0	38.0	38.1	38.1	38.3	38.3	38.2	37.9	37.6	38.0
1978	270.18	256.71	257.51	258.73	259.77	257.91	261.62	275.02	274.92	280.85	284.07	287.17	291.40	1978	37.7	37.4	37.7	38.0	38.0	37.4	37.8	37.7	37.9	37.6	37.2	37.6	37.9
1979	305.69	293.27	293.88	297.31	304.10	300.13	304.00	306.09	304.52	310.08	313.23	317.99	323.40	1979	37.1	37.3	37.1	37.4	37.2	36.9	37.4	37.2	37.1	37.0	36.8	36.9	37.4
1980	341.25	339.86	338.04	342.50	347.04	342.40	342.28	341.70	333.43	335.75	339.95	343.14	345.32	1980	37.1	36.7	36.8	37.0	37.1	37.2	37.2	37.6	37.3	36.9	37.0	37.0	37.6
1981		357.75	351.43	353.42										1981		36.5	36.9	36.8									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 519—MISCELLANEOUS NONDURABLE GOODS													
1977	6.16	6.03	6.03	6.06	6.07	6.13	6.13	6.14	6.16	6.21	6.26	6.29	6.35	ALL EMPLOYEES—IN THOUSANDS													
1978	6.84	6.45	6.47	6.55	6.61	6.63	6.64	6.91	6.96	7.11	7.21	7.27	7.34	1977	351.0	338.8	340.1	345.1	349.9	350.0	352.9	354.3	354.3	353.7	357.8	356.3	358.3
1979	7.70	7.35	7.44	7.47	7.66	7.56	7.60	7.71	7.69	7.87	7.87	8.03	8.25	1978	373.0	355.1	357.1	361.8	371.1	373.1	377.5	378.7	383.4	376.8	382.3	380.3	379.3
1980	8.51	8.33	8.43	8.52	8.59	8.56	8.60	8.50	8.42	8.50	8.52	8.60	8.59	1979	383.0	375.2	376.6	380.4	384.5	385.6	385.1	383.6	383.1	381.8	387.1	389.0	384.1
1981		8.79	8.83	8.97										1980	385.6	380.5	383.2	388.2	390.4	390.7	388.2	386.0	384.8	384.9	385.4	383.9	381.5
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														1981		375.2	376.7	380.1									
1977	39.2	39.5	39.2	38.8	38.7	38.7	39.1	39.3	39.4	39.0	39.2	39.3	39.7	WOMEN EMPLOYEES—IN THOUSANDS													
1978	39.5	39.8	39.8	39.5	39.3	38.9	39.4	39.8	39.5	39.5	39.4	39.5	39.7	1977	98.7	94.6	94.6	96.5	97.2	97.9	98.5	98.5	99.5	100.2	102.4	102.1	102.9
1979	39.7	39.9	39.5	39.8	39.7	39.7	40.0	39.7	39.6	39.4	39.8	39.6	39.2	1978	106.5	101.1	101.3	102.3	104.9	105.1	106.0	105.8	107.5	107.5	111.8	112.8	112.2
1980	40.1	40.8	40.1	40.2	40.4	40.0	39.8	40.2	39.6	39.5	39.9	39.9	40.2	1979	113.8	110.3	111.3	111.2	112.6	112.2	112.5	112.6	113.2	114.5	117.7	119.5	117.9
1981		40.7	39.8	39.4										1980	114.8	115.3	116.5	117.6	113.6	114.3	113.8	113.2	113.2	115.3	115.3	114.8	115.0
														1981		112.2	113.6	113.9									
SIC 518—BEER, WINE, AND DISTILLED BEVERAGES														NONSUPERVISORY WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	123.9	120.7	119.8	120.4	121.7	121.8	124.9	126.3	127.3	124.9	125.1	125.9	128.3	1977	289.2	278.5	278.9	283.8	288.2	288.8	290.9	292.5	291.6	291.3	295.5	294.3	295.5
1978	129.4	125.4	125.7	126.9	126.6	128.0	130.7	132.2	131.4	130.9	130.3	131.6	133.2	1978	308.4	292.1	294.1	298.3	306.7	308.5	312.4	314.3	317.7	311.1	316.6	314.8	314.1
1979	135.1	130.4	130.5	130.9	132.4	133.5	136.7	137.7	138.0	136.6	136.5	138.1	139.3	1979	317.0	310.2	312.2	314.8	318.8	319.7	320.1	317.4	317.0	315.6	320.4	321.5	316.3
1980	138.0	134.8	135.0	136.2	135.1	136.0	138.8	140.5	140.7	138.8	139.0	139.9	141.6	1980	314.4	311.5	313.7	318.0	319.1	319.2	315.8	313.4	311.7	313.1	313.9	312.2	311.1
1981		138.4	138.8	139.2										1981		304.5	306.0	309.7									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	18.3	18.2	18.0	18.0	18.1	18.0	18.1	18.2	18.4	18.5	18.5	18.6	18.9	1977	170.31	162.56	165.94	166.12	167.42	168.02	169.67	172.10	171.58	173.81	175.34	175.10	177.17
1978	19.2	18.9	18.7	19.0	19.0	18.9	19.1	19.1	19.3	19.2	19.4	19.7	20.0	1978	183.44	175.41	177.00	178.42	179.55	180.31	181.64	182.57	181.61	188.44	190.58	191.00	194.56
1979	20.4	19.8	19.7	19.7	20.1	20.3	20.3	20.5	20.6	20.7	20.9	21.2	21.4	1979	200.41	190.88	192.75	196.48	197.36	199.43	199.02	200.79	202.22	204.66	204.37	204.82	209.88
1980	21.2	21.1	20.9	21.1	20.7	20.9	21.0	21.1	21.0	21.2	21.4	21.6	22.1	1980	219.46	209.03	211.28	213.74	216.40	219.25	219.07	220.23	220.80	222.91	226.59	226.77	229.08
1981		21.8	21.8	21.9										1981		228.98	230.51	232.26									

WHOLESALE AND RETAIL TRADE

SIC 521

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 519—MISCELLANEOUS NONDURABLE GOODS (Con.)														SIC 52—BUILDING MATERIALS AND GARDEN SUPPLIES													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	4.47	4.37	4.39	4.36	4.36	4.41	4.43	4.47	4.48	4.55	4.59	4.62	4.65	1977	575.8	533.5	531.4	546.5	564.0	578.4	594.1	594.8	594.0	591.3	590.1	593.9	597.4
1978	4.84	4.69	4.72	4.72	4.75	4.77	4.78	4.83	4.83	4.92	4.95	5.00	5.08	1978	608.1	575.8	572.5	583.0	600.2	609.7	623.0	623.7	623.2	618.8	620.5	622.9	624.3
1979	5.26	5.09	5.14	5.13	5.18	5.18	5.21	5.27	5.28	5.40	5.35	5.39	5.48	1979	629.2	600.1	599.8	613.6	626.6	637.8	645.6	643.0	637.9	633.9	637.6	637.3	637.2
1980	5.73	5.53	5.56	5.61	5.65	5.68	5.69	5.75	5.78	5.82	5.84	5.89	5.95	1980	620.3	613.2	610.1	616.6	623.2	630.5	627.9	620.9	618.1	617.3	619.7	622.4	623.7
1981		6.01	6.05	6.08										1981		601.6	595.5	606.7									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	38.1	37.2	37.8	38.1	38.4	38.1	38.3	38.5	38.3	38.2	38.2	37.9	38.1	1977	136.1	125.9	126.9	130.4	133.2	137.1	138.3	137.3	137.7	138.8	139.6	141.7	145.8
1978	37.9	37.4	37.5	37.8	37.8	37.8	38.0	37.8	37.6	38.3	38.5	38.2	38.3	1978	146.8	138.5	139.2	141.9	145.6	146.4	146.6	146.2	148.0	148.6	150.9	153.6	156.4
1979	38.1	37.5	37.5	38.3	38.1	38.5	38.2	38.1	38.3	37.9	38.2	38.0	38.3	1979	156.3	148.7	150.6	153.2	156.8	157.9	156.3	155.1	154.0	156.4	160.2	162.8	163.9
1980	38.3	37.8	38.0	38.1	38.3	38.6	38.5	38.3	38.2	38.3	38.8	38.5	38.5	1980	161.5	157.7	158.8	160.3	164.0	166.5	163.4	159.2	158.4	160.2	160.6	162.4	165.9
1981		38.1	38.1	38.2										1981		157.8	158.1	161.8									
SIC 52-59—RETAIL TRADE														NONSUPERVISORY WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														1977	490.5	451.2	449.3	464.3	480.7	494.1	507.7	508.7	508.0	503.9	502.7	506.4	509.1
1977	13,808	13,297	13,118	13,284	13,539	13,716	13,839	13,805	13,871	14,024	14,061	14,338	14,803	1978	519.0	487.6	484.3	495.2	511.6	520.8	533.9	533.7	533.5	529.4	531.1	532.4	534.1
1978	14,573	14,073	13,877	14,026	14,297	14,499	14,640	14,612	14,657	14,774	14,816	15,094	15,509	1979	535.9	511.4	509.7	523.1	534.4	545.5	550.2	547.0	542.2	537.4	543.0	543.7	543.3
1979	14,989	14,758	14,556	14,674	14,853	14,972	15,014	14,888	14,922	15,042	15,102	15,358	15,728	1980	524.5	518.3	515.4	520.9	527.1	533.8	531.5	525.3	523.0	520.9	523.6	526.7	528.0
1980	15,104	14,927	14,737	14,800	14,913	15,015	15,060	15,020	15,086	15,202	15,218	15,449	15,823	1981		504.9	499.1	511.0									
1981		15,090	14,923	14,997										NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
WOMEN EMPLOYEES—IN THOUSANDS														1977	163.78	152.44	156.46	158.00	159.98	160.78	164.86	169.69	168.30	167.90	167.83	166.06	166.88
1977	6,619	6,366	6,249	6,328	6,450	6,553	6,593	6,566	6,612	6,721	6,756	6,950	7,281	1978	175.68	162.71	163.60	166.79	170.17	172.58	178.64	181.58	183.22	183.16	181.92	181.61	181.13
1978	7,044	6,779	6,638	6,709	6,854	6,970	7,028	7,013	7,060	7,163	7,204	7,411	7,704	1979	186.38	177.26	178.23	181.76	181.54	182.77	187.83	190.85	192.89	192.51	190.23	188.70	190.98
1979	7,378	7,202	7,064	7,127	7,262	7,340	7,356	7,292	7,331	7,423	7,487	7,682	7,964	1980	195.94	187.31	188.55	189.80	189.80	191.94	195.83	198.75	199.93	201.25	201.28	202.58	202.95
1980	7,525	7,422	7,292	7,315	7,381	7,450	7,495	7,435	7,484	7,585	7,597	7,790	8,057	1981		202.02	202.94	204.79									
1981		7,573	7,436	7,444										NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
NONSUPERVISORY WORKERS—IN THOUSANDS														1977	4.31	4.12	4.15	4.18	4.21	4.22	4.26	4.34	4.36	4.43	4.44	4.44	4.45
1977	12,438	11,971	11,793	11,949	12,189	12,357	12,468	12,432	12,487	12,623	12,665	12,935	13,392	1978	4.66	4.47	4.47	4.52	4.55	4.59	4.64	4.68	4.71	4.82	4.80	4.83	4.83
1978	13,125	12,684	12,479	12,617	12,869	13,060	13,178	13,147	13,190	13,302	13,340	13,615	14,024	1979	4.97	4.83	4.83	4.86	4.88	4.90	4.93	4.97	5.01	5.12	5.10	5.10	5.12
1979	13,474	13,278	13,080	13,180	13,344	13,453	13,488	13,367	13,402	13,504	13,574	13,826	14,192	1980	5.31	5.16	5.18	5.20	5.20	5.23	5.25	5.30	5.36	5.41	5.44	5.49	5.50
1980	13,562	13,402	13,229	13,279	13,383	13,482	13,512	13,467	13,534	13,643	13,665	13,894	14,258	1981		5.55	5.56	5.58									
1981		13,540	13,346	13,400										NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	38.0	37.0	37.7	37.8	38.0	38.1	38.7	39.1	38.6	37.9	37.8	37.4	37.5
1977	121.66	116.25	117.94	118.63	118.94	120.33	122.50	125.45	124.74	122.85	123.09	122.53	124.90	1978	37.7	36.4	36.6	36.9	37.4	37.6	38.5	38.8	38.9	38.0	37.9	37.6	37.5
1978	130.20	124.23	124.64	126.59	127.82	128.54	130.94	134.40	133.56	131.63	132.13	131.89	134.90	1979	37.5	36.7	36.9	37.4	37.2	37.3	38.1	38.4	38.5	37.6	37.3	37.0	37.3
1979	138.62	133.95	134.55	135.74	137.70	136.50	139.50	142.38	142.24	140.61	139.54	140.45	142.91	1980	36.9	36.3	36.4	36.5	36.5	36.7	37.3	37.5	37.3	37.0	36.9	36.9	
1980	147.38	142.44	142.44	143.82	143.04	144.12	147.14	150.61	151.10	149.49	149.40	150.60	152.20	1981		36.4	36.5	36.7									
1981		152.81	153.92	154.96										SIC 521—LUMBER AND OTHER BUILDING MATERIALS													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	3.85	3.75	3.78	3.79	3.80	3.82	3.84	3.86	3.85	3.90	3.92	3.94	3.94	1977	302.1	279.4	277.1	282.8	290.6	298.6	309.3	313.5	314.4	314.5	314.7	316.3	314.3
1978	4.20	4.10	4.10	4.11	4.15	4.16	4.17	4.20	4.20	4.26	4.29	4.31	4.31	1978	325.5	307.6	305.7	308.6	317.7	323.8	334.1	337.1	338.5	334.3	333.7	333.3	331.0
1979	4.53	4.48	4.47	4.48	4.50	4.49	4.50	4.52	4.53	4.58	4.59	4.62	4.61	1979	337.5	323.4	320.9	325.4	332.5	339.0	347.8	349.8	348.0	343.1	343.5	340.0	336.6
1980	4.88	4.78	4.78	4.81	4.80	4.82	4.84	4.89	4.89	4.95	4.98	5.02	4.99	1980	327.5	330.4	325.6	324.6	322.7	324.2	328.2	329.1	329.4	328.2	330.0	330.9	326.9
1981		5.18	5.20	5.20										1981		318.9	315.1	316.4									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	31.6	31.0	31.2	31.3	31.3	31.5	31.9	32.5	32.4	31.5	31.4	31.1	31.7	1977	52.3	48.4	48.2	48.5	49.2	50.7	52.5	52.8	53.3	55.2	55.5	56.7	56.5
1978	31.0	30.3	30.4	30.8	30.8	30.9	31.4	32.0	31.8	30.9	30.8	30.6	31.3	1978	58.9	55.7	55.7	55.9	56.9	57.6	59.0	59.8	61.1	60.7	60.7	61.5	61.6
1979	30.6	29.9	30.1	30.3	30.6	30.4	31.0	31.5	31.4	30.7	30.4	30.4	31.0	1979	62.9	60.1	59.8	60.5	61.8	63.0	63.9	64.2	63.7	63.8	64.5	64.8	64.6
1980	30.2	29.8	29.8	29.9	29.8	29.9	30.4	30.8	30.9	30.2	30.0	30.0	30.5	1980	64.7	64.4	63.8	63.5	63.4	64.5	64.8	64.6	64.9	65.2	65.2	66.2	66.3
1981		29.5	29.6	29.8										1981		64.6	64.6	64.4									

SIC 521
WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 521—LUMBER AND OTHER BUILDING MATERIALS (Con.)														SIC 525—HARDWARE STORES (Con.)													
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	258.2	236.6	234.3	239.8	247.3	255.1	265.1	270.0	270.5	269.6	269.8	271.2	268.9	1977	3.59	3.46	3.50	3.51	3.60	3.57	3.59	3.59	3.61	3.65	3.66	3.67	3.67
1978	279.9	262.7	260.6	264.2	272.4	278.9	288.8	291.3	292.6	288.4	287.8	287.0	284.6	1978	3.91	3.76	3.75	3.78	3.85	3.89	3.92	3.94	3.88	3.98	3.99	4.07	4.07
1979	288.0	277.1	274.1	278.4	284.4	289.9	296.6	298.2	296.0	290.6	293.2	290.1	287.0	1979	4.28	4.14	4.22	4.22	4.24	4.24	4.22	4.22	4.28	4.36	4.38	4.41	4.42
1980	277.2	280.0	275.5	274.0	272.4	273.7	277.8	278.9	279.4	277.9	279.8	280.5	276.2	1980	4.65	4.53	4.59	4.59	4.60	4.60	4.62	4.58	4.65	4.73	4.72	4.77	4.80
1981		267.9	264.5	265.8										1981		4.92	4.96	4.96									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	182.40	166.99	172.53	175.43	178.75	180.90	186.18	188.70	188.90	187.73	188.07	185.72	185.50	1977	35.8	36.0	36.0	35.8	35.8	35.3	36.2	36.7	36.3	35.5	35.3	35.2	36.2
1978	195.32	178.42	179.92	185.08	189.43	192.37	198.86	202.13	203.77	202.00	201.60	202.29	201.17	1978	34.9	35.2	34.9	35.1	35.0	34.8	35.2	35.5	35.4	34.6	34.2	33.9	34.8
1979	205.80	194.54	195.16	201.06	201.10	203.30	207.83	209.56	211.70	212.79	211.58	210.26	210.75	1979	34.1	33.6	33.7	34.1	34.0	33.8	34.5	35.4	35.1	33.6	33.4	33.5	34.4
1980	215.73	205.67	206.75	209.21	209.44	213.24	217.72	219.13	220.52	221.52	222.69	222.53	223.10	1980	33.7	33.0	33.3	33.2	33.4	33.6	34.1	34.8	34.5	33.8	33.6	33.4	33.8
1981		221.37	221.18	226.79										1981		33.1	33.3	33.2									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 53—GENERAL MERCHANDISE STORES													
1977	4.56	4.36	4.39	4.43	4.48	4.50	4.53	4.58	4.63	4.67	4.69	4.69	4.72	ALL EMPLOYEES—IN THOUSANDS													
1978	4.92	4.72	4.71	4.77	4.82	4.87	4.91	4.93	4.97	5.05	5.04	5.07	5.08	1977	2,204.3	2,211.4	2,084.4	2,101.6	2,116.2	2,131.1	2,140.6	2,125.6	2,122.7	2,174.1	2,234.0	2,402.7	2,607.7
1979	5.21	5.04	5.03	5.09	5.13	5.16	5.17	5.20	5.24	5.36	5.37	5.35	5.39	1978	2,307.8	2,338.1	2,193.6	2,192.4	2,216.8	2,238.0	2,262.8	2,259.4	2,254.3	2,291.9	2,332.1	2,460.2	2,653.6
1980	5.56	5.37	5.37	5.42	5.44	5.51	5.54	5.59	5.64	5.68	5.71	5.75	5.75	1979	2,287.4	2,386.9	2,222.5	2,201.5	2,211.6	2,215.1	2,214.6	2,204.0	2,205.6	2,255.7	2,293.3	2,441.0	2,596.6
1981		5.78	5.79	5.83										1980	2,254.7	2,366.6	2,222.2	2,203.6	2,193.4	2,183.3	2,186.0	2,174.7	2,170.5	2,189.3	2,237.8	2,368.3	2,561.0
														1981		2,303.7	2,189.8	2,171.7									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	40.0	38.3	39.3	39.6	39.9	40.2	41.1	41.2	40.8	40.2	40.1	39.6	39.3	1977	1,510.8	1,538.3	1,443.4	1,449.1	1,453.1	1,461.7	1,462.8	1,450.0	1,444.9	1,477.8	1,516.2	1,636.8	1,795.7
1978	39.7	37.8	38.2	38.8	39.3	39.5	40.5	41.0	41.0	40.0	40.0	39.9	39.6	1978	1,560.3	1,591.5	1,487.5	1,481.0	1,493.6	1,505.2	1,519.2	1,513.1	1,516.4	1,551.9	1,577.3	1,671.3	1,815.9
1979	39.5	38.6	38.8	39.5	39.2	39.4	40.2	40.3	40.4	39.7	39.4	39.3	39.1	1979	1,541.9	1,616.7	1,498.5	1,484.0	1,490.4	1,491.1	1,485.4	1,475.8	1,476.7	1,514.7	1,543.3	1,654.5	1,772.2
1980	38.8	38.3	38.5	38.6	38.5	38.7	39.3	39.2	39.1	39.0	39.0	38.7	38.8	1980	1,526.8	1,599.6	1,498.9	1,486.4	1,482.3	1,476.0	1,478.0	1,467.5	1,465.8	1,482.0	1,517.4	1,610.7	1,756.9
1981		38.3	38.2	38.9										1981		1,566.8	1,460.3	1,428.2									
SIC 525—HARDWARE STORES														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	137.7	133.6	132.5	134.0	135.6	137.6	138.7	138.4	138.9	137.8	138.9	141.4	145.2	1977	2,036.9	2,042.1	1,917.2	1,934.5	1,949.9	1,966.2	1,973.9	1,960.1	1,957.7	2,007.8	2,066.3	2,230.4	2,437.2
1978	142.8	140.1	137.9	138.3	139.9	141.4	144.5	144.9	143.3	142.3	143.9	146.7	150.8	1978	2,151.8	2,175.4	2,033.6	2,032.5	2,063.1	2,083.9	2,107.6	2,105.9	2,100.1	2,140.3	2,176.8	2,306.7	2,496.1
1979	147.8	144.6	144.1	145.0	146.1	148.3	150.2	148.8	147.5	146.9	149.1	150.9	152.5	1979	2,132.6	2,232.9	2,068.9	2,047.9	2,058.5	2,059.8	2,059.7	2,050.3	2,051.8	2,101.8	2,138.0	2,284.5	2,437.6
1980	149.6	148.7	147.0	148.3	149.0	150.1	150.3	149.7	149.1	148.8	149.0	150.8	154.0	1980	2,098.9	2,207.3	2,067.1	2,048.3	2,039.8	2,031.5	2,033.7	2,019.4	2,014.8	2,033.8	2,081.3	2,209.4	2,400.3
1981		148.9	145.6	147.1										1981		2,150.0	2,008.9	1,970.2									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	46.2	44.2	44.1	44.2	44.4	46.2	46.4	46.2	46.5	46.2	47.3	48.0	50.4	1977 ²¹	110.93	100.25	105.90	108.49	108.19	110.26	112.72	116.25	115.50	113.78	113.40	109.88	115.18
1978	49.1	47.2	46.7	46.8	47.4	48.0	49.1	49.1	49.0	49.2	50.1	52.0	54.5	1978	118.67	112.31	112.35	116.22	117.09	117.79	120.80	123.93	123.11	119.02	119.19	117.91	124.12
1979	53.1	51.6	51.2	51.1	51.7	52.5	53.0	53.1	53.1	53.2	54.7	55.8	56.6	1979	129.21	122.04	120.96	125.57	126.00	127.60	130.80	134.33	133.62	131.57	130.98	130.39	134.72
1980	54.9	55.1	54.3	54.1	54.6	54.6	54.5	54.6	54.6	54.7	54.7	55.6	57.4	1980	139.76	134.81	133.01	136.88	136.04	138.62	141.41	145.31	144.30	142.49	141.52	139.87	143.82
1981		55.1	53.5	54.7										1981		142.13	142.29	145.80									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	118.9	115.3	114.1	115.6	117.2	119.1	120.1	119.6	119.9	118.6	119.7	122.1	125.6	1977 ²¹	3.71	3.53	3.69	3.69	3.68	3.70	3.72	3.75	3.75	3.78	3.78	3.75	3.68
1978	122.3	119.9	118.0	118.3	119.7	120.7	123.9	124.0	122.4	121.8	123.3	125.7	129.9	1978	4.05	4.04	3.97	3.98	4.01	4.02	4.04	4.09	4.09	4.09	4.11	4.08	4.03
1979	127.7	125.0	123.8	124.6	125.2	128.0	130.0	128.7	127.5	126.8	129.3	131.3	132.7	1979	4.38	4.39	4.32	4.33	4.33	4.37	4.36	4.39	4.41	4.43	4.44	4.42	4.36
1980	128.1	127.9	126.1	126.8	127.4	128.9	129.0	128.3	127.4	127.0	127.4	129.2	132.3	1980	4.77	4.73	4.70	4.72	4.74	4.78	4.81	4.86	4.81	4.83	4.83	4.79	4.70
1981		126.8	123.5	125.1										1981		5.04	5.10	5.08									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	128.52	124.56	126.00	125.66	128.88	126.02	129.96	131.75	131.04	129.58	129.20	129.18	132.85	1977	29.9	28.4	28.7	29.4	29.4	29.8	30.3	31.0	30.8	30.1	30.0	29.3	31.3
1978	136.46	132.35	130.88	132.68	134.75	135.37	137.98	139.87	137.35	137.71	136.46	137.97	141.64	1978	29.3	27.8	28.3	29.2	29.2	29.3	29.9	30.3	30.1	29.1	29.0	28.9	30.8
1979	145.95	139.10	142.21	143.90	144.16	143.31	145.59	149.39	150.23	146.50	146.29	147.74	152.05	1979	29.5	27.8	28.0	29.0	29.1	29.2	30.0	30.6	30.3	29.7	29.5	29.5	30.9
1980	156.71	149.49	152.85	152.39	153.64	154.56	157.54	159.38	160.43	159.87	158.59	159.32	162.24	1980	29.3	28.5	28.3	29.0	28.7	29.0	29.4	29.9	30.0	29.5	29.3	29.2	30.6
1981		162.85	165.17	164.67										1981		28.2	27.9	28.7									

WHOLESALE AND RETAIL TRADE

SIC 539

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 531—DEPARTMENT STORES														SIC 533—VARIETY STORES (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	1,785.7	1,784.4	1,682.9	1,694.0	1,704.0	1,715.4	1,723.3	1,715.4	1,715.0	1,764.7	1,823.3	1,966.0	2,139.4	1977	266.9	271.6	254.5	260.5	264.2	266.8	265.6	260.8	258.6	260.0	260.1	279.7	300.2
1978	1,889.5	1,921.8	1,796.5	1,793.0	1,817.4	1,828.3	1,849.1	1,848.7	1,840.8	1,872.4	1,908.1	2,017.3	2,180.1	1978	266.3	268.1	253.0	254.5	254.8	260.9	262.3	260.5	261.8	270.4	268.8	281.4	299.3
1979	1,878.1	1,962.3	1,819.6	1,800.2	1,807.3	1,810.6	1,807.3	1,802.7	1,802.6	1,850.9	1,891.6	2,023.2	2,158.8	1979	255.8	267.5	252.0	250.8	255.1	253.7	252.2	247.9	248.9	251.2	251.8	263.4	275.0
1980	1,874.7	1,976.3	1,855.6	1,838.3	1,823.8	1,808.2	1,810.6	1,799.8	1,794.0	1,812.0	1,860.5	1,977.4	2,139.7	1980	238.3	247.3	229.2	229.0	232.4	237.0	236.2	232.4	235.0	236.7	236.8	244.7	262.4
1981		1,930.9	1,834.2	1,813.0										1981		237.6	223.3	224.3									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	1,200.5	1,220.7	1,143.1	1,146.4	1,148.1	1,154.5	1,154.3	1,146.2	1,143.6	1,175.5	1,213.7	1,314.1	1,446.3	1977	86.73	82.08	83.23	82.65	82.93	84.97	87.91	90.00	90.00	89.69	88.46	84.92	91.79
1978	1,252.4	1,283.3	1,192.2	1,185.7	1,197.6	1,203.8	1,214.5	1,212.0	1,212.7	1,241.7	1,267.1	1,349.0	1,468.6	1978	97.92	96.72	92.02	94.95	95.28	95.81	98.55	100.84	101.82	97.19	97.13	97.63	106.26
1979	1,240.6	1,307.5	1,206.7	1,191.4	1,194.6	1,194.8	1,185.9	1,178.8	1,178.6	1,215.0	1,246.0	1,343.9	1,444.4	1979	107.81	108.08	103.30	105.92	108.11	105.77	107.40	110.47	109.44	107.64	106.56	106.68	112.77
1980	1,248.0	1,313.0	1,229.6	1,219.3	1,211.5	1,201.2	1,203.1	1,193.5	1,189.8	1,205.6	1,241.2	1,323.7	1,444.8	1980	114.85	116.18	108.38	114.17	113.48	114.17	116.92	118.40	116.19	114.17	113.00	112.13	118.18
1981		1,288.0	1,197.0	1,164.0										1981		117.29	117.99	119.19									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	1,658.0	1,653.2	1,554.7	1,565.8	1,577.3	1,590.5	1,597.1	1,589.9	1,589.1	1,638.3	1,695.2	1,835.2	2,010.2	1977	2.95	2.87	2.88	2.86	2.84	2.89	2.98	2.99	2.99	3.03	3.04	2.99	2.99
1978	1,772.7	1,798.8	1,676.0	1,671.5	1,701.9	1,713.4	1,733.0	1,733.8	1,725.7	1,759.4	1,793.1	1,903.7	2,062.4	1978	3.40	3.53	3.31	3.32	3.32	3.35	3.41	3.43	3.44	3.41	3.42	3.39	3.45
1979	1,761.6	1,847.1	1,705.1	1,685.6	1,692.7	1,693.8	1,691.0	1,687.3	1,687.1	1,734.3	1,773.6	1,904.6	2,036.8	1979	3.63	3.86	3.65	3.64	3.64	3.61	3.58	3.61	3.60	3.60	3.60	3.58	3.58
1980	1,756.6	1,854.4	1,737.7	1,719.1	1,707.3	1,693.1	1,695.4	1,683.5	1,677.2	1,694.8	1,742.2	1,857.3	2,017.4	1980	3.88	4.02	3.75	3.87	3.86	3.91	3.95	3.96	3.86	3.87	3.87	3.84	3.80
1981		1,811.5	1,688.5	1,647.9										1981		4.13	4.14	4.11									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977 ²¹	116.01	104.14	110.97	114.46	113.78	115.92	118.26	121.83	121.04	118.90	118.59	114.95	120.26	1977	29.4	28.6	28.9	28.9	29.2	29.4	29.5	30.1	30.1	29.6	29.1	28.4	30.7
1978	123.48	116.20	116.60	120.60	121.47	122.60	125.70	128.47	127.93	123.68	123.83	122.54	128.44	1978	28.8	27.4	27.8	28.6	28.7	28.6	28.9	29.4	29.6	28.5	28.4	28.8	30.8
1979	134.23	125.48	125.44	130.21	130.50	132.73	136.65	139.84	139.38	136.92	136.29	134.95	139.22	1979	29.7	28.0	28.3	29.1	29.7	29.3	30.0	30.6	30.4	29.9	29.6	29.8	31.5
1980	144.54	138.59	137.62	141.32	140.71	143.84	146.41	150.49	149.50	148.09	146.79	144.34	148.23	1980	29.6	28.9	28.9	29.5	29.4	29.2	29.6	29.9	30.1	29.5	29.2	29.2	31.1
1981		146.92	146.53	150.72										1981		28.4	28.5	29.0									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 539—MISC. GENERAL MERCHANDISE STORES													
1977 ²¹	3.88	3.68	3.88	3.88	3.87	3.89	3.89	3.93	3.93	3.95	3.94	3.91	3.83	ALL EMPLOYEES—IN THOUSANDS													
1978	4.20	4.18	4.12	4.13	4.16	4.17	4.19	4.24	4.25	4.25	4.27	4.24	4.17	1977	131.3	135.5	126.2	126.8	127.1	128.3	130.9	129.2	129.4	129.8	130.9	135.3	146.2
1979	4.55	4.53	4.48	4.49	4.50	4.53	4.54	4.57	4.60	4.61	4.62	4.59	4.52	1978	131.9	127.6	124.0	125.7	125.5	128.9	131.2	130.6	131.7	129.3	134.0	140.8	153.6
1980	4.95	4.88	4.88	4.89	4.92	4.96	4.98	5.05	5.00	5.02	5.01	4.96	4.86	1979	132.9	136.9	130.1	129.6	128.2	129.5	133.7	132.3	132.8	133.7	130.1	134.4	143.0
1981		5.21	5.29	5.27										1980	121.7	122.6	117.2	116.9	117.9	119.0	119.7	121.9	121.1	120.2	120.4	125.6	138.1
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														1981		118.3	114.5	115.5									
1977	29.9	28.3	28.6	29.5	29.4	29.8	30.4	31.0	30.8	30.1	30.1	29.4	31.4	WOMEN EMPLOYEES—IN THOUSANDS													
1978	29.4	27.8	28.3	29.2	29.2	29.4	30.0	30.3	30.1	29.1	29.0	28.9	30.8	1977	88.5	94.8	87.8	87.2	86.4	86.3	88.0	86.5	86.0	85.8	86.1	89.4	97.1
1979	29.5	27.7	28.0	29.0	29.0	29.3	30.1	30.6	30.3	29.7	29.5	29.4	30.8	1978	86.2	85.4	82.4	82.8	82.7	84.8	86.3	85.0	85.6	84.8	86.6	88.6	98.9
1980	29.2	28.4	28.2	28.9	28.6	29.0	29.4	29.8	29.9	29.5	29.3	29.1	30.5	1979	87.0	87.1	82.6	82.7	82.6	83.0	87.7	87.4	87.9	88.9	86.7	90.2	97.4
1981		28.2	27.7	28.6										1980	80.9	81.5	77.7	77.8	78.1	79.3	79.6	79.9	80.7	79.8	79.9	83.7	93.0
SIC 533—VARIETY STORES														1981		78.8	76.0	76.7									
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	287.4	291.5	275.3	280.8	285.1	287.4	286.4	281.0	278.3	279.6	279.8	301.4	322.1	1977	112.0	117.3	108.0	108.2	108.4	108.9	111.2	109.4	110.0	109.5	111.0	115.5	126.8
1978	286.4	288.7	273.1	273.7	273.9	280.8	282.5	280.1	281.8	290.2	290.0	302.1	319.9	1978	112.8	108.5	104.6	106.5	106.4	109.6	112.3	111.6	112.6	110.5	114.9	121.6	134.4
1979	276.4	287.7	272.8	271.7	276.1	275.0	273.6	269.0	270.2	271.1	271.6	283.4	294.8	1979	115.3	118.3	111.8	111.5	110.7	112.3	116.5	115.1	115.8	116.3	112.6	116.5	125.8
1980	258.3	267.7	249.4	248.4	251.7	256.1	255.7	253.0	255.4	257.1	256.9	265.3	283.2	1980	104.0	105.6	100.2	100.2	100.1	101.4	102.1	103.5	102.6	102.3	102.3	107.4	120.5
1981		254.5	241.1	243.2										1981		100.9	97.1	98.0									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	221.8	222.8	212.5	215.5	218.6	220.9	220.5	217.3	215.3	216.5	216.4	233.3	252.3	1977	90.57	85.55	87.02	87.89	88.46	89.96	91.73	94.64	95.34	93.31	91.81	89.40	92.65
1978	221.8	222.8	212.9	212.5	213.3	216.6	218.4	216.1	218.1	225.4	223.6	233.7	248.4	1978	95.36	90.43	93.47	95.38	96.34	93.81	97.61	98.89	98.56	94.96	94.28	93.15	97.24
1979	214.3	222.1	209.2	209.9	213.2	213.3	211.8	209.6	210.2	210.8	210.6	220.4	230.4	1979	102.84	95.88	96.60	99.53	101.91	100.61	103.55	107.01	107.41	103.72	104.37	105.38	108.68
1980	197.9	205.1	191.6	189.3	192.7	195.5	195.3	194.1	195.3	196.6	196.3	203.3	219.1	1980	113.28	106.02	106.50	109.04	109.53	111.05	113.58	116.27	117.65	115.25	115.44	117.61	120.74
1981		200.0	187.3	187.5										1981		120.60	120.22	125.04									

SIC 539
WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 539—MISC. GENERAL MERCHANDISE STORES (Con.)

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	2.95	2.90	2.92	2.92	2.91	2.94	2.94	2.93	2.97	3.01	3.01	2.97	2.96
1978	3.20	3.14	3.19	3.19	3.19	3.18	3.19	3.19	3.20	3.23	3.24	3.19	3.22
1979	3.51	3.40	3.45	3.48	3.49	3.53	3.51	3.52	3.51	3.54	3.55	3.56	3.54
1980	3.84	3.72	3.75	3.76	3.79	3.79	3.85	3.85	3.87	3.92	3.90	3.96	3.92
1981		4.13	4.16	4.21									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	30.7	29.5	29.8	30.1	30.4	30.6	31.2	32.3	32.1	31.0	30.5	30.1	31.3
1978	29.8	28.8	29.3	29.9	30.2	29.5	30.6	31.0	30.8	29.4	29.1	29.2	30.2
1979	29.3	28.2	28.0	28.6	29.2	28.5	29.5	30.4	30.6	29.3	29.4	29.6	30.7
1980	29.5	28.5	28.4	29.0	28.9	29.3	29.5	30.2	30.4	29.4	29.6	29.7	30.8
1981		29.2	28.9	29.7									

SIC 54—FOOD STORES

ALL EMPLOYEES—IN THOUSANDS														
1977	2,106.3	2,057.9	2,054.8	2,080.8	2,078.0	2,094.8	2,105.6	2,098.4	2,096.5	2,127.9	2,137.3	2,155.9	2,187.7	
1978	2,198.9	2,147.9	2,148.5	2,161.5	2,167.1	2,185.4	2,194.1	2,180.2	2,189.1	2,204.6	2,234.3	2,273.5	2,300.6	
1979	2,296.8	2,263.8	2,255.7	2,265.5	2,271.8	2,275.2	2,278.5	2,282.9	2,281.0	2,302.7	2,323.9	2,361.5	2,399.6	
1980	2,386.2	2,340.0	2,335.5	2,342.3	2,344.7	2,368.1	2,384.8	2,385.9	2,391.6	2,413.2	2,414.5	2,443.7	2,469.8	
1981		2,431.8	2,424.1	2,423.3										

WOMEN EMPLOYEES—IN THOUSANDS													
1977	849.3	819.6	819.7	829.7	831.8	840.8	849.8	841.6	845.3	864.6	869.3	884.5	895.3
1978	896.5	864.9	864.1	870.4	873.5	888.4	893.4	889.1	893.4	905.3	919.3	941.4	955.3
1979	957.3	929.5	929.4	931.9	940.2	940.6	944.5	947.1	953.1	963.5	979.3	1,002.8	1,026.0
1980	1,016.0	987.8	992.1	990.9	995.0	1,003.6	1,011.1	1,013.3	1,018.6	1,030.5	1,034.5	1,049.8	1,064.4
1981		1,036.8	1,033.9	1,033.6									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	1,942.1	1,895.8	1,893.4	1,918.9	1,915.9	1,932.1	1,941.0	1,933.1	1,931.7	1,960.7	1,971.6	1,990.0	2,021.1
1978	2,028.4	1,982.1	1,981.7	1,993.3	1,997.8	2,016.2	2,022.8	2,010.7	2,019.1	2,033.9	2,060.6	2,098.2	2,124.1
1979	2,119.5	2,088.0	2,081.6	2,090.4	2,096.1	2,097.7	2,101.9	2,105.9	2,106.6	2,122.8	2,144.5	2,181.1	2,217.5
1980	2,204.7	2,158.2	2,153.1	2,163.4	2,163.8	2,187.0	2,202.3	2,202.3	2,209.5	2,230.8	2,233.3	2,262.5	2,289.9
1981		2,252.5	2,245.4	2,244.5									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	155.03	148.16	148.48	148.97	148.36	152.15	158.18	162.18	160.08	158.27	157.14	158.40	158.90
1978	167.36	159.00	160.34	160.97	162.74	163.89	170.04	173.83	171.93	170.77	169.69	172.13	172.90
1979	179.74	172.85	172.92	173.23	178.64	175.91	182.41	185.23	183.38	182.59	180.02	184.91	181.18
1980	194.69	181.13	182.31	184.78	184.81	188.79	194.30	201.88	203.50	202.84	201.16	206.46	204.25
1981		205.57	206.55	207.10									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.77	4.63	4.64	4.67	4.68	4.74	4.75	4.77	4.75	4.84	4.88	4.95	4.95
1978	5.23	5.08	5.09	5.11	5.15	5.17	5.20	5.22	5.21	5.32	5.37	5.43	5.42
1979	5.67	5.54	5.56	5.57	5.60	5.62	5.63	5.63	5.66	5.76	5.77	5.87	5.77
1980	6.24	5.90	5.90	5.98	6.02	6.09	6.11	6.25	6.32	6.46	6.51	6.66	6.61
1981		6.74	6.75	6.79									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	32.5	32.0	32.0	31.9	31.7	32.1	33.3	34.0	33.7	32.7	32.2	32.0	32.1
1978	32.0	31.3	31.5	31.5	31.6	31.7	32.7	33.3	33.0	32.1	31.6	31.7	31.9
1979	31.7	31.2	31.1	31.1	31.9	31.3	32.4	32.9	32.4	31.7	31.2	31.5	31.4
1980	31.2	30.7	30.9	30.9	30.7	31.0	31.8	32.3	32.2	31.4	30.9	31.0	30.9
1981		30.5	30.6	30.5									

SIC 541—GROCERY STORES

ALL EMPLOYEES—IN THOUSANDS													
1977	1,837.2	1,799.9	1,796.9	1,817.1	1,811.3	1,825.3	1,832.9	1,835.1	1,831.8	1,856.0	1,862.9	1,876.4	1,901.0
1978	1,917.1	1,878.3	1,876.7	1,883.0	1,891.9	1,904.4	1,913.1	1,903.9	1,913.5	1,922.3	1,945.9	1,975.7	1,996.7
1979	2,001.9	1,975.3	1,967.0	1,977.3	1,977.3	1,983.8	1,986.0	1,993.3	1,990.7	2,011.7	2,029.2	2,054.5	2,077.2
1980	2,090.9	2,051.0	2,042.6	2,050.3	2,051.5	2,073.1	2,086.9	2,093.9	2,098.7	2,120.2	2,121.4	2,143.9	2,157.1
1981		2,136.9	2,128.6	2,125.0									

WHOLESALE AND RETAIL TRADE

SIC 551,2

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 546—RETAIL BAKERIES

ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	117.7	114.4	114.2	116.3	116.8	118.2	118.6	114.6	114.5	119.8	119.9	121.2	123.8	1977	73.8	72.4	72.3	73.5	73.5	73.8	74.9	71.2	71.6	76.4	75.2	74.7	75.9
1978	124.5	119.9	121.2	123.0	123.7	124.6	124.7	122.0	122.4	126.4	126.9	129.1	130.0	1978	74.1	72.5	72.5	73.3	73.2	73.8	73.8	72.6	71.9	75.8	75.6	77.0	77.6
1979	127.5	126.0	124.3	127.1	127.8	127.7	129.5	126.5	125.0	127.2	128.5	129.9	130.8	1979	76.0	74.4	73.5	75.3	75.9	75.8	76.1	73.9	73.9	75.9	77.1	79.2	80.4
1980	127.9	126.4	127.4	127.4	127.6	128.8	129.1	126.4	127.5	129.0	127.2	128.4	129.2	1980	79.2	77.0	77.6	78.6	79.2	79.8	79.3	77.9	78.5	80.3	79.2	80.8	81.7
1981		125.9	125.0	125.4										1981		79.7	79.5	79.8									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	108.4	105.0	105.0	107.3	108.0	109.3	109.7	105.6	105.2	110.0	110.1	111.4	113.9	1977	4.49	4.27	4.30	4.38	4.48	4.49	4.54	4.56	4.53	4.57	4.58	4.59	4.61
1978	114.2	110.1	111.2	112.9	113.4	114.3	114.5	111.4	111.9	115.9	116.7	118.9	119.7	1978	4.93	4.67	4.72	4.79	4.94	4.97	4.96	5.02	4.99	4.99	5.02	5.04	5.06
1979	117.3	116.2	114.5	117.0	117.9	117.5	118.9	116.2	114.8	116.4	118.0	119.6	120.7	1979	5.31	5.08	5.14	5.24	5.33	5.30	5.33	5.36	5.37	5.39	5.36	5.39	5.44
1980	117.3	115.3	117.2	117.5	117.5	118.7	118.8	115.5	116.6	117.6	116.4	117.6	118.6	1980	5.66	5.49	5.56	5.63	5.59	5.59	5.62	5.70	5.71	5.70	5.77	5.81	5.76
1981		115.6	114.9	115.3										1981		5.88	5.95	6.05									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	105.61	97.70	100.98	99.99	102.43	103.60	107.40	109.80	110.11	107.68	108.11	107.53	110.70	1977	38.0	38.1	38.2	38.0	37.9	38.1	38.2	38.4	38.3	37.7	37.9	37.6	37.8
1978	115.15	107.26	110.21	111.55	113.20	113.49	118.01	120.90	118.86	115.24	116.51	116.58	119.77	1978	37.5	37.1	37.0	37.3	37.4	37.3	37.8	37.9	38.0	37.4	37.6	37.5	37.6
1979	127.60	113.29	119.55	122.55	128.83	124.70	129.35	132.28	133.02	130.39	130.54	130.69	135.00	1979	37.8	37.3	37.4	37.6	37.7	37.5	37.9	38.2	38.3	37.8	37.7	37.9	38.0
1980	135.53	130.50	133.34	136.32	134.61	135.83	138.14	138.27	138.60	134.56	135.02	136.07	136.83	1980	37.5	37.5	37.3	37.2	37.1	37.4	37.6	37.8	37.9	37.5	37.7	37.6	37.5
1981		133.00	137.37	136.12										1981		37.4	37.5	37.5									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	3.58	3.44	3.47	3.46	3.52	3.56	3.58	3.60	3.61	3.65	3.64	3.67	3.69	1977	38.0	38.1	38.2	38.0	37.9	38.1	38.2	38.4	38.3	37.7	37.9	37.6	37.8
1978	3.93	3.79	3.84	3.86	3.89	3.90	3.96	3.99	3.91	3.96	3.99	4.02	4.06	1978	37.5	37.1	37.0	37.3	37.4	37.3	37.8	37.9	38.0	37.4	37.6	37.5	37.6
1979	4.34	4.09	4.18	4.27	4.28	4.30	4.37	4.38	4.39	4.45	4.44	4.43	4.50	1979	37.8	37.3	37.4	37.6	37.7	37.5	37.9	38.2	38.3	37.8	37.7	37.9	38.0
1980	4.61	4.50	4.52	4.59	4.61	4.62	4.62	4.64	4.62	4.64	4.64	4.66	4.67	1980	37.5	37.5	37.3	37.2	37.1	37.4	37.6	37.8	37.9	37.5	37.7	37.6	37.5
1981		4.75	4.82	4.81										1981		37.4	37.5	37.5									

SIC 55—AUTOMOTIVE DEALERS AND SERVICE STATIONS

ALL EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	1,800.8	1,761.3	1,756.9	1,768.4	1,781.9	1,795.4	1,819.8	1,820.4	1,820.4	1,816.9	1,821.2	1,823.7	1,822.8	1977	273.2	263.1	261.9	262.7	265.6	269.8	275.2	276.9	278.6	278.1	279.8	282.1	284.2
1978	1,860.6	1,818.1	1,813.3	1,825.6	1,847.2	1,856.0	1,878.0	1,887.0	1,879.4	1,878.7	1,879.0	1,880.4	1,884.2	1978	298.1	285.7	282.6	284.7	289.9	292.9	300.0	303.5	303.5	304.4	307.6	310.5	311.9
1979	1,812.3	1,872.5	1,863.2	1,865.4	1,853.7	1,841.1	1,823.3	1,786.6	1,784.4	1,771.3	1,771.6	1,760.7	1,754.3	1979	311.0	308.2	309.0	309.0	310.8	313.2	317.0	310.6	312.6	310.2	310.5	311.1	310.0
1980	1,695.4	1,732.9	1,715.0	1,714.2	1,707.0	1,691.3	1,687.5	1,683.4	1,689.4	1,679.5	1,681.5	1,681.6	1,681.5	1980	303.2	305.1	302.2	300.9	302.5	299.9	301.8	300.7	306.4	304.5	303.2	304.6	306.4
1981		1,671.8	1,658.0	1,660.2										1981		303.8	301.1	298.5									

SIC 55—AUTOMOTIVE DEALERS AND SERVICE STATIONS (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	1,553.4	1,514.5	1,513.9	1,523.4	1,535.1	1,547.5	1,572.0	1,572.5	1,574.2	1,568.7	1,572.6	1,574.4	1,572.1
1978	1,599.5	1,566.5	1,558.6	1,568.7	1,589.2	1,599.3	1,612.8	1,623.1	1,614.4	1,614.8	1,614.6	1,614.3	1,617.7
1979	1,546.4	1,605.8	1,597.0	1,597.8	1,585.9	1,575.1	1,557.2	1,520.8	1,519.0	1,506.5	1,507.4	1,494.9	1,489.2
1980	1,436.4	1,470.0	1,457.3	1,454.3	1,447.4	1,432.1	1,428.8	1,425.5	1,431.9	1,422.3	1,422.9	1,422.3	1,422.3
1981		1,415.8	1,401.7	1,404.5									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	170.62	162.69	164.26	166.44	169.79	171.07	173.43	175.10	173.50	172.29	173.58	172.58	174.26
1978	184.88	173.26	174.64	178.67	184.76	185.38	187.49	190.26	189.62	186.63	188.75	189.00	190.26
1979	200.72	189.48	192.24	197.02	200.94	198.75	202.01	204.75	205.67	203.74	202.07	204.28	206.72
1980	212.25	205.88	207.39	209.44	207.39	209.07	211.31	215.46	216.41	213.75	217.53	218.46	216.00
1981		219.91	223.13	226.88									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.49	4.27	4.30	4.38	4.48	4.49	4.54	4.56	4.53	4.57	4.58	4.59	4.61
1978	4.93	4.67	4.72	4.79	4.94	4.97	4.96	5.02	4.99	4.99	5.02	5.04	5.06
1979	5.31	5.08	5.14	5.24	5.33	5.30	5.33	5.36	5.37	5.39	5.36	5.39	5.44
1980	5.66	5.49	5.56	5.63	5.59	5.59	5.62	5.70	5.71	5.70	5.77	5.81	5.76
1981		5.88	5.95	6.05									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	38.0	38.1	38.2	38.0	37.9	38.1	38.2	38.4	38.3	37.7	37.9	37.6	37.8
1978	37.5	37.1	37.0	37.3	37.4	37.3	37.8	37.9	38.0	37.4	37.6	37.5	37.6
1979	37.8	37.3	37.4	37.6	37.7	37.5	37.9	38.2	38.3	37.8	37.7	37.9	38.0
1980	37.5	37.5	37.3	37.2	37.1	37.4	37.6	37.8	37.9	37.5	37.7	37.6	37.5
1981		37.4	37.5	37.5									
SIC 551,2—NEW AND USED CAR DEALERS													
ALL EMPLOYEES—IN THOUSANDS													
1977	849.0	828.8	831.5	836.7	840.2	844.2	850.5	849.9	852.8	856.5	863.6	865.9	867.2
1978	888.6	867.7	869.9	876.0	882.3	885.5	893.9	895.7	896.0	896.4	899.9	900.9	899.3
1979	881.4	900.7	899.8	903.8	902.7	899.6	895.2	879.1	871.9	864.2	859.9	853.3	847.1
1980	791.3	835.9	829.4	821.8	807.3	788.5	776.3	773.9	772.6	771.5	773.7	773.7	770.6
1981		766.0	764.3	765.2									
WOMEN EMPLOYEES—IN THOUSANDS													
1977	110.4	106.0	106.8	107.6	108.8	109.4	110.3	110.9	111.0	111.8	113.3	114.2	114.9
1978	119.6	114.6	114.8	115.8	116.9	117.9	120.1	120.7	121.4	121.6	123.0	123.9	123.9
1979	124.2	125.0	125.3	125.8	126.2	126.3	125.7	123.7	123.2	122.3	123.0	122.4	121.8
1980	114.3	120.0	119.6	118.3	116.6	114.0	111.5	111.4	111.6	111.6	111.9	112.5	113.0
1981		111.9	111.8	112.0									

WHOLESALE AND RETAIL TRADE272

WHOLESALE AND RETAIL TRADE

SIC 562

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 56—APPAREL AND ACCESSORY STORES (Con.)														SIC 561—MEN'S AND BOYS' CLOTHING AND FURNISHINGS (Con.)													
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	756.1	754.5	723.2	729.1	736.2	738.5	737.4	725.1	733.4	748.2	765.4	793.8	888.8	1977	3.95	3.94	3.86	3.78	3.88	3.91	3.93	3.98	3.94	3.96	4.03	4.06	4.07
1978	787.4	787.5	746.8	758.1	764.1	765.4	766.1	757.9	765.5	777.3	795.2	841.0	924.4	1978	4.24	4.23	4.17	4.05	4.20	4.22	4.17	4.26	4.22	4.25	4.31	4.33	4.41
1979	820.2	818.0	786.0	791.3	812.9	806.9	805.9	790.0	796.4	806.4	822.5	863.6	941.9	1979	4.58	4.57	4.47	4.45	4.52	4.52	4.52	4.62	4.56	4.56	4.66	4.69	4.74
1980	824.0	835.9	800.5	799.9	803.9	804.4	804.1	795.6	804.5	813.0	825.9	862.3	937.5	1980	4.89	4.81	4.84	4.77	4.84	4.82	4.84	4.89	4.85	4.89	4.99	5.09	5.05
1981		838.4	811.1	812.1										1981		5.25	5.27	5.23									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	102.81	99.28	98.36	98.11	100.89	101.14	102.30	104.65	104.96	103.95	104.49	103.72	110.45	1977	32.6	32.6	32.2	32.1	32.5	32.5	32.6	33.1	32.9	32.3	32.4	31.7	33.7
1978	110.11	105.04	103.61	104.11	106.87	108.04	111.14	113.65	112.48	111.89	112.60	111.07	118.20	1978	32.4	32.0	31.3	31.6	32.1	32.0	32.9	32.8	32.5	32.4	32.6	32.1	34.3
1979	117.09	112.97	112.40	113.18	118.10	114.73	117.41	120.90	118.21	116.76	118.24	117.14	124.01	1979	32.3	32.4	32.3	32.0	32.4	31.8	32.4	32.7	32.8	31.5	31.7	31.6	33.5
1980	122.12	119.00	117.46	118.16	119.00	119.71	122.69	124.26	123.97	123.82	123.80	124.93	129.80	1980	32.0	31.8	31.9	32.0	31.9	31.7	32.3	32.6	32.4	31.8	31.7	31.3	32.7
1981		127.32	126.59	128.24										1981		31.5	30.7	31.1									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 562—WOMEN'S READY-TO-WEAR STORES													
1977	3.45	3.40	3.38	3.36	3.42	3.44	3.41	3.42	3.43	3.50	3.53	3.54	3.54	ALL EMPLOYEES—IN THOUSANDS													
1978	3.72	3.66	3.61	3.59	3.66	3.70	3.68	3.69	3.70	3.78	3.83	3.83	3.85	1977	327.5	325.1	313.6	318.1	316.8	320.8	317.3	314.1	317.5	326.0	334.0	347.1	379.8
1979	4.01	3.95	3.93	3.93	3.99	3.97	3.98	4.03	3.98	4.04	4.12	4.11	4.12	1978	344.9	341.4	328.4	336.2	339.1	340.3	338.3	332.4	333.4	341.1	350.7	365.2	392.7
1980	4.30	4.25	4.21	4.22	4.25	4.26	4.26	4.27	4.26	4.36	4.39	4.43	4.40	1979	353.3	351.7	342.1	348.4	352.8	352.4	348.6	340.3	340.8	346.2	353.5	370.2	392.7
1981		4.58	4.57	4.58										1980	351.3	354.3	340.4	343.1	344.2	344.9	341.6	339.8	340.7	347.8	356.6	368.3	393.7
														1981		352.9	344.8	347.6									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	29.8	29.2	29.1	29.2	29.5	29.4	30.0	30.6	30.6	29.7	29.6	29.3	31.2	1977	285.1	284.3	274.2	277.4	275.9	279.2	275.7	271.7	274.0	282.9	290.5	302.0	332.8
1978	29.6	28.7	28.7	29.0	29.2	29.2	30.2	30.8	30.4	29.6	29.4	29.0	30.7	1978	302.5	297.2	286.0	293.5	295.8	297.1	295.1	289.9	291.3	301.0	309.7	323.2	350.3
1979	29.2	28.6	28.6	28.8	29.6	28.9	29.5	30.0	29.7	28.9	28.7	28.5	30.1	1979	312.8	311.3	301.6	307.6	312.6	312.1	308.2	300.4	301.1	306.8	313.7	328.7	349.9
1980	28.4	28.0	27.9	28.0	28.0	28.1	28.8	29.1	29.1	28.4	28.2	28.2	29.5	1980	311.8	314.1	302.1	304.3	305.3	306.1	302.0	299.7	301.7	308.6	317.2	328.0	352.9
1981		27.8	27.7	28.0										1981		315.0	306.7	309.9									
SIC 561—MEN'S AND BOYS' CLOTHING AND FURNISHINGS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	137.6	142.7	133.7	133.4	133.8	133.9	136.0	133.7	133.2	132.8	136.1	141.1	161.1	1977	286.1	285.0	274.1	277.6	275.2	279.1	276.6	274.0	276.4	284.0	291.3	303.4	336.7
1978	139.4	143.0	135.3	134.7	135.5	134.7	135.9	135.7	135.4	134.2	138.1	145.7	164.3	1978	300.6	297.9	285.9	292.4	293.9	295.5	293.9	288.7	290.0	296.0	305.0	320.3	347.2
1979	140.3	145.6	138.9	137.5	138.4	137.6	137.9	136.2	133.7	135.8	137.2	143.2	161.3	1979	308.1	306.9	298.1	303.1	307.4	306.9	303.9	295.3	295.9	301.8	308.0	323.9	345.9
1980	134.7	142.6	134.7	131.7	131.8	131.5	132.6	129.5	129.8	130.5	131.8	137.3	152.8	1980	304.4	308.5	294.6	296.6	296.8	298.6	294.7	294.0	294.3	300.8	308.9	319.7	344.7
1981		138.4	133.0	130.0										1981		304.7	297.4	301.0									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	58.1	59.4	56.0	56.0	55.6	55.5	56.8	55.9	56.1	55.7	57.9	60.7	71.4	1977	91.87	87.49	88.20	88.55	88.55	89.43	91.96	94.76	93.49	92.70	93.35	92.30	99.10
1978	60.0	61.3	57.7	56.9	56.9	57.2	58.0	57.8	58.3	57.4	59.6	63.5	74.8	1978	97.35	93.37	93.29	94.02	95.70	96.88	98.65	101.53	98.84	96.88	97.65	95.90	102.61
1979	61.3	63.5	59.2	58.8	59.3	59.1	59.8	59.1	59.0	59.8	60.0	63.4	74.8	1979	103.14	98.28	99.37	100.01	103.13	101.84	103.13	106.93	104.34	103.50	104.12	103.25	110.11
1980	59.5	63.9	58.6	57.8	57.9	57.7	58.4	56.4	57.0	57.7	57.9	61.3	69.7	1980	108.54	107.20	104.54	105.07	105.87	106.27	109.33	111.60	110.95	109.62	109.61	108.94	114.77
1981		61.5	58.1	56.3										1981		113.26	113.26	115.24									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	117.5	122.4	113.7	113.3	113.6	114.1	115.8	113.7	113.4	112.7	115.8	120.8	140.6	1977	3.19	3.17	3.15	3.14	3.14	3.16	3.16	3.18	3.18	3.23	3.23	3.25	3.26
1978	119.1	122.8	115.1	114.5	115.2	114.6	115.8	115.6	115.7	114.5	117.8	124.7	143.4	1978	3.44	3.42	3.38	3.37	3.43	3.46	3.39	3.43	3.42	3.46	3.50	3.50	3.49
1979	119.5	124.5	117.7	116.6	117.6	116.8	117.8	116.1	113.4	115.3	116.2	122.0	139.7	1979	3.71	3.60	3.64	3.65	3.67	3.69	3.67	3.70	3.70	3.75	3.80	3.81	3.81
1980	114.2	121.3	113.8	111.2	111.4	111.1	112.3	109.5	109.5	109.8	111.1	116.7	132.3	1980	4.02	4.00	3.96	3.98	3.98	4.01	3.99	4.00	4.02	4.06	4.09	4.08	4.07
1981		117.8	112.3	109.6										1981		4.29	4.29	4.30									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	128.77	128.44	124.29	121.34	126.10	127.08	128.12	131.74	129.63	127.91	130.57	128.70	137.16	1977	28.8	27.6	28.0	28.2	28.2	28.3	29.1	29.8	29.4	28.7	28.9	28.4	30.4
1978	137.38	135.36	130.52	127.98	134.82	135.04	137.19	139.73	137.15	137.70	140.51	138.99	151.26	1978	28.3	27.3	27.6	27.9	27.9	28.0	29.1	29.6	28.9	28.0	27.9	27.4	29.4
1979	147.93	148.07	144.38	142.40	146.45	143.74	146.45	151.07	149.57	143.64	147.72	148.20	158.79	1979	27.8	27.3	27.3	27.4	28.1	27.6	28.1	28.9	28.2	27.6	27.4	27.1	28.9
1980	156.48	152.96	154.40	152.64	154.40	152.79	156.33	159.41	157.14	155.50	158.18	159.32	165.14	1980	27.0	26.8	26.4	26.4	26.6	26.5	27.4	27.9	27.6	27.0	26.8	26.7	28.2
1981		165.38	161.79	162.65										1981		26.4	26.4	26.8									

SIC 565
WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 565—FAMILY CLOTHING STORES

ALL EMPLOYEES—IN THOUSANDS																									
1977	155.5	151.1	145.9	147.0	147.7	150.1	152.5	151.2	153.8	154.6	158.1	164.4	189.7												
1978	165.0	162.3	153.8	155.9	157.7	159.2	159.2	159.3	163.5	164.3	166.1	177.4	201.6												
1979	174.2	173.0	162.8	164.0	168.2	167.9	168.7	168.5	172.1	171.6	175.0	186.1	213.0												
1980	181.6	181.7	173.3	173.2	174.2	174.6	176.7	176.4	180.6	179.7	181.1	194.4	213.4												
1981		188.8	180.3	179.6																					
WOMEN EMPLOYEES—IN THOUSANDS																									
1977	115.2	110.1	106.9	107.9	108.9	111.1	112.6	111.4	114.2	115.0	117.9	123.1	143.5												
1978	122.8	121.0	114.0	116.1	117.2	119.1	118.8	118.1	121.7	121.9	122.2	132.1	151.5												
1979	130.6	127.7	120.4	121.2	125.3	125.5	126.7	126.2	128.8	129.4	132.7	141.4	161.7												
1980	137.5	137.2	130.8	131.0	131.8	132.6	133.4	133.3	136.0	135.2	137.0	148.0	163.3												
1981		142.3	135.6	135.7																					
NONSUPERVISORY WORKERS—IN THOUSANDS																									
1977	138.6	135.0	129.7	131.1	131.4	133.5	136.0	134.3	136.6	137.2	140.4	146.5	171.4												
1978	146.3	144.7	134.7	137.6	139.7	140.3	141.1	141.1	145.2	145.7	146.3	157.7	181.4												
1979	153.2	153.0	142.6	143.3	147.4	147.1	148.2	147.7	151.1	150.1	153.3	163.8	190.6												
1980	158.4	159.7	150.9	150.7	151.5	151.7	152.9	153.3	157.3	155.8	157.0	170.9	189.1												
1981		165.4	157.0	156.6																					
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS																									
1977	96.28	92.65	91.35	92.59	94.74	94.32	97.85	99.51	98.87	96.85	95.88	95.37	102.30												
1978	106.20	97.01	98.67	100.55	100.84	102.47	107.06	112.85	110.49	110.26	109.56	107.53	115.63												
1979	112.13	109.13	108.20	108.38	112.99	111.45	114.26	114.76	112.99	111.54	111.50	111.95	118.00												
1980	115.23	110.83	109.21	114.68	114.26	113.16	117.01	113.27	117.14	117.58	115.87	117.00	122.09												
1981		121.58	123.30	125.66																					
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS																									
1977	3.22	3.13	3.15	3.16	3.19	3.23	3.24	3.21	3.21	3.25	3.25	3.30	3.30												
1978	3.54	3.44	3.45	3.42	3.43	3.45	3.51	3.56	3.53	3.58	3.64	3.67	3.73												
1979	3.88	3.87	3.81	3.75	3.83	3.83	3.86	3.89	3.83	3.90	3.94	3.97	4.00												
1980	4.16	4.12	4.06	4.14	4.17	4.10	4.12	4.06	4.11	4.26	4.26	4.27	4.21												
1981		4.47	4.50	4.52																					
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS																									
1977	29.9	29.6	29.0	29.3	29.7	29.2	30.2	31.0	30.8	29.8	29.5	28.9	31.0												
1978	30.0	28.2	28.6	29.4	29.4	29.7	30.5	31.7	31.3	30.8	30.1	29.3	31.0												
1979	28.9	28.2	28.4	28.9	29.5	29.1	29.6	29.5	28.6	28.3	28.2	28.2	29.5												
1980	27.7	26.9	26.9	27.7	27.4	27.6	28.4	27.9	28.5	27.6	27.2	27.4	29.0												
1981		27.2	27.4	27.8																					

SIC 566—SHOE STORES

ALL EMPLOYEES—IN THOUSANDS																									
1977	164.3	163.4	159.1	161.1	168.7	164.6	160.3	154.7	159.5	164.0	166.2	169.7	180.6												
1978	170.9	171.2	163.8	166.1	167.5	167.4	167.1	164.6	166.6	171.4	174.4	180.3	190.1												
1979	184.9	176.7	174.8	176.1	188.4	183.5	183.1	180.0	183.2	186.1	189.9	195.0	202.2												
1980	193.9	191.6	189.5	191.1	194.7	193.4	193.6	189.2	191.5	194.3	194.0	196.7	207.2												
1981		195.4	193.1	194.0																					
WOMEN EMPLOYEES—IN THOUSANDS																									
1977	64.2	63.6	60.8	61.7	65.2	63.8	62.5	60.9	61.6	64.0	66.1	67.2	73.3												
1978	68.4	68.4	64.7	65.7	66.1	65.5	66.5	65.9	66.5	69.4	70.6	73.7	78.1												
1979	77.9	71.7	69.5	72.1	79.0	77.1	76.7	76.2	79.3	78.4	82.5	84.3	88.5												
1980	83.0	82.5	80.8	80.8	83.6	83.0	82.8	81.0	82.0	84.0	83.2	83.3	89.5												
1981		81.8	81.4	81.9																					

SIC 566—SHOE STORES (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	139.0	138.3	134.0	135.4	143.2	139.6	135.5	130.3	134.2	138.6	140.5	143.8	154.5
1978	143.3	144.6	137.2	139.2	140.2	140.0	139.5	137.2	138.8	143.3	146.0	151.8	161.3
1979	155.1	148.0	145.8	146.9	159.8	154.5	153.4	150.2	153.0	155.7	159.0	163.7	170.7
1980	161.1	159.9	157.6	158.5	162.3	160.8	160.8	155.7	158.4	160.9	160.9	163.4	174.0
1981		161.5	158.8	159.1									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	110.48	100.86	102.66	102.88	110.86	107.96	106.86	107.58	113.83	116.70	116.32	114.27	120.26
1978	117.89	113.78	107.07	108.59	113.00	114.40	120.90	118.86	120.78	124.20	124.68	121.64	123.26
1979	123.09	114.40	113.83	117.58	128.70	120.12	124.20	127.97	124.31	123.97	126.85	123.27	129.30
1980	128.74	122.67	119.57	121.41	123.08	125.49	128.33	133.06	130.20	132.77	132.31	135.94	140.06
1981		129.72	128.87	130.29									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	3.72	3.49	3.54	3.56	3.72	3.71	3.55	3.61	3.66	3.89	3.97	3.90	3.93
1978	4.01	3.87	3.77	3.81	3.91	4.00	3.99	3.91	3.96	4.21	4.27	4.18	4.15
1979	4.23	4.13	4.08	4.14	4.29	4.20	4.21	4.28	4.13	4.26	4.42	4.31	4.31
1980	4.47	4.35	4.24	4.29	4.38	4.45	4.41	4.48	4.34	4.61	4.61	4.72	4.70
1981		4.60	4.57	4.67									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	29.7	28.9	29.0	28.9	29.8	29.1	30.1	29.8	31.1	30.0	29.3	29.3	30.6
1978	29.4	29.4	28.4	28.5	28.9	28.6	30.3	30.4	30.5	29.5	29.2	29.1	29.7
1979	29.1	27.7	27.9	28.4	30.0	28.6	29.5	29.9	30.1	29.1	28.7	28.6	30.0
1980	28.8	28.2	28.2	28.3	28.1	28.2	29.1	29.7	30.0	28.8	28.7	28.8	29.8
1981		28.2	28.2	27.9									

WHOLESALE AND RETAIL TRADE

SIC 573

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 57—FURNITURE AND HOME FURNISHINGS STORES (Con.)														SIC 572—HOUSEHOLD APPLIANCE STORES													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	4.44	4.34	4.31	4.33	4.35	4.39	4.42	4.44	4.45	4.51	4.51	4.54	4.63	1977	83.2	83.8	81.8	81.8	80.9	81.6	81.6	82.7	83.0	82.5	84.2	86.3	88.2
1978	4.81	4.68	4.58	4.67	4.72	4.72	4.75	4.83	4.82	4.90	4.91	4.96	5.06	1978	84.9	84.8	84.1	83.7	83.9	84.1	85.1	84.6	84.4	84.8	86.9	87.8	
1979	5.18	5.07	5.05	5.06	5.12	5.12	5.17	5.19	5.18	5.25	5.27	5.28	5.39	1979	85.9	86.4	85.8	85.9	84.7	84.1	85.8	86.2	86.4	85.9	86.4	86.3	86.4
1980	5.53	5.42	5.37	5.37	5.36	5.36	5.44	5.53	5.62	5.70	5.69	5.72	5.82	1980	83.0	84.8	83.6	82.7	82.0	81.4	80.8	81.2	82.1	83.2	83.6	84.6	86.0
1981		5.91	5.82	5.87										1981		82.8	82.2	81.0									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	35.3	35.1	35.2	35.2	35.2	35.1	35.5	35.7	35.6	35.1	35.2	34.9	36.2	1977	22.3	22.5	21.7	21.5	21.1	22.0	21.7	21.2	22.1	22.4	23.2	24.0	24.2
1978	35.2	34.4	34.7	35.0	34.7	34.6	35.1	35.4	35.9	35.4	35.2	35.3	36.3	1978	23.0	22.7	23.0	23.0	23.0	22.8	23.0	22.6	22.1	22.8	22.9	24.1	24.4
1979	35.2	35.0	34.7	34.8	34.7	34.9	35.4	35.5	35.7	35.3	35.1	35.3	35.9	1979	23.4	23.7	23.6	23.8	23.7	22.3	23.5	23.4	23.1	23.2	23.5	23.3	23.5
1980	34.8	35.0	34.8	35.0	34.6	34.6	34.8	35.0	35.2	34.3	34.6	34.5	35.0	1980	22.8	23.3	22.6	22.6	22.4	22.1	21.8	22.2	22.3	22.7	22.9	23.6	24.6
1981		34.2	34.1	34.3										1981		23.6	23.4	23.1									
SIC 571—FURNITURE AND HOME FURNISHINGS STORES														NONSUPERVISORY WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														1977	71.2	71.3	69.5	69.8	68.9	69.5	69.7	71.0	71.3	70.5	72.2	74.6	76.5
1977	342.7	329.4	328.0	330.3	332.5	334.4	341.5	344.8	346.4	349.0	354.4	358.3	363.1	1978	72.4	72.9	71.8	71.2	71.2	71.8	72.4	71.8	71.6	72.2	72.3	73.9	75.2
1978	363.0	355.6	353.7	354.4	355.3	357.7	361.2	361.0	362.5	367.4	370.1	376.6	379.9	1979	73.4	73.7	73.0	73.4	72.4	71.8	72.9	73.6	73.9	73.4	74.2	74.0	74.4
1979	376.5	372.3	370.7	374.0	373.5	373.3	375.7	375.7	376.1	377.3	379.4	382.6	387.8	1980	71.2	72.7	71.7	71.1	70.6	69.9	69.5	70.1	70.2	71.5	71.5	72.4	73.3
1980	377.5	381.8	380.3	380.9	379.4	375.1	376.0	372.2	372.3	374.1	374.3	379.3	384.3	1981		70.8	70.4	69.1									
1981		375.3	372.4	373.8										NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
WOMEN EMPLOYEES—IN THOUSANDS														1977	170.82	172.96	170.11	170.56	171.59	170.03	170.09	171.19	171.34	167.90	171.39	172.89	172.05
1977	118.1	113.2	112.6	113.6	115.4	115.5	117.6	118.0	118.8	119.9	122.3	123.9	126.1	1978	178.70	167.21	166.62	171.84	174.74	170.38	176.00	179.95	184.50	186.58	184.77	188.19	193.29
1978	126.2	123.2	122.5	122.3	123.2	125.0	125.3	125.8	126.0	127.4	128.8	131.8	133.2	1979	195.48	187.59	191.52	193.68	192.60	196.38	200.38	199.84	200.20	194.70	192.78	197.11	201.63
1979	132.8	130.9	129.8	130.8	131.5	132.1	132.2	131.7	131.6	133.3	134.7	136.7	138.0	1980	203.55	194.54	194.10	197.58	194.50	195.71	200.15	205.85	210.99	210.25	214.31	208.80	214.88
1980	135.9	135.8	135.1	135.9	135.5	134.6	134.8	133.8	133.0	135.4	135.8	139.3	141.3	1981		212.63	211.58	215.78									
1981		137.6	136.9	137.3										NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
NONSUPERVISORY WORKERS—IN THOUSANDS														1977	4.68	4.70	4.61	4.66	4.74	4.71	4.66	4.69	4.72	4.69	4.67	4.66	4.65
1977	291.6	282.9	280.2	281.8	282.6	284.2	290.5	293.3	293.7	296.0	300.8	304.5	309.2	1978	4.95	4.71	4.72	4.80	4.95	4.91	4.93	4.93	4.92	5.07	5.09	5.10	5.21
1978	306.3	301.2	298.4	299.4	299.8	301.3	304.7	304.7	305.4	309.3	312.1	317.8	321.3	1979	5.43	5.24	5.32	5.38	5.38	5.44	5.52	5.49	5.50	5.50	5.40	5.46	5.57
1979	315.7	312.3	311.3	314.0	313.7	313.9	315.8	315.6	315.9	314.5	317.0	319.9	324.8	1980	5.75	5.48	5.53	5.55	5.51	5.56	5.67	5.75	5.91	5.99	6.02	6.00	6.07
1980	314.4	318.9	317.7	316.8	316.0	312.2	313.1	309.6	309.7	311.2	311.4	315.4	320.4	1981		6.11	6.08	6.13									
1981		311.6	308.8	309.9										NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	36.5	36.8	36.9	36.6	36.2	36.1	36.5	36.5	36.3	35.8	36.7	37.1	37.0
1977	162.49	155.23	155.58	155.94	157.88	159.56	162.24	163.30	164.47	164.50	165.56	166.25	174.24	1978	36.1	35.5	35.3	35.8	35.3	34.7	35.7	36.5	37.5	36.8	36.3	36.9	37.1
1978	174.94	169.13	166.12	169.66	170.80	171.50	173.89	176.00	177.86	176.75	176.59	180.93	189.33	1979	36.0	35.8	36.0	36.0	35.8	36.1	36.3	36.4	36.4	35.4	35.7	36.1	36.2
1979	186.91	182.70	179.92	181.31	181.65	182.35	187.09	188.15	189.92	190.10	188.67	190.64	196.01	1980	35.4	35.5	35.1	35.6	35.3	35.2	35.3	35.8	35.7	35.1	35.6	34.8	35.4
1980	194.74	193.40	190.90	192.90	189.81	190.01	192.24	193.28	196.49	195.74	196.49	200.20	203.90	1981		34.8	34.8	35.2									
1981		201.14	199.86	200.90										SIC 573—RADIO, TELEVISION, AND MUSIC STORES													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	4.59	4.41	4.42	4.43	4.46	4.52	4.57	4.60	4.62	4.66	4.69	4.75	4.84	1977	136.7	132.3	133.2	133.3	133.1	133.9	134.0	132.0	133.8	136.9	138.0	145.6	153.8
1978	4.97	4.86	4.76	4.82	4.88	4.90	4.94	5.00	5.01	5.05	5.06	5.14	5.23	1978	146.8	147.8	144.1	144.3	145.0	146.9	144.9	141.6	143.4	145.0	147.9	152.5	158.7
1979	5.31	5.25	5.20	5.21	5.25	5.24	5.30	5.33	5.32	5.37	5.36	5.37	5.46	1979	152.5	154.4	152.5	152.8	151.7	151.4	150.9	149.8	149.2	151.9	152.9	155.0	158.0
1980	5.58	5.51	5.47	5.48	5.47	5.46	5.54	5.57	5.63	5.69	5.63	5.72	5.76	1980	148.9	154.3	153.6	151.6	149.9	147.8	141.8	141.2	141.4	147.5	149.6	152.1	155.9
1981		5.83	5.81	5.84										1981		150.7	147.5	145.8									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	35.4	35.2	35.2	35.2	35.4	35.3	35.5	35.5	35.6	35.3	35.3	35.0	36.0	1977	33.8	32.5	32.9	33.4	33.2	32.5	32.3	32.0	32.7	34.0	34.3	36.0	39.2
1978	35.2	34.8	34.9	35.2	35.0	35.0	35.2	35.2	35.5	35.0	34.9	35.2	36.2	1978	36.9	37.1	35.3	36.1	36.4	37.1	36.0	34.9	35.5	36.1	37.0	39.1	42.2
1979	35.2	34.8	34.6	34.8	34.6	34.8	35.3	35.3	35.7	35.4	35.2	35.5	35.9	1979	43.7	40.6	40.6	42.0	42.1	42.4	43.1	43.5	43.2	45.6	46.2	46.9	48.5
1980	34.9	35.1	34.9	35.2	34.7	34.8	34.7	34.7	34.9	34.4	34.9	35.0	35.4	1980	45.5	48.0	47.5	46.8	45.6	45.1	42.0	41.0	41.9	45.3	46.9	47.3	48.4
1981		34.5	34.4	34.4										1981		48.1	46.5	45.7									

SIC 573
WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 573—RADIO, TELEVISION, AND MUSIC STORES (Con.)

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	108.9	107.2	106.0	105.9	106.1	106.4	106.0	103.9	105.3	108.0	109.7	117.4	124.3
1978	115.9	117.4	113.7	113.3	113.7	115.8	113.8	110.7	112.5	113.8	116.6	121.6	127.7
1979	120.2	122.9	120.4	121.7	118.4	118.4	117.9	117.5	116.7	119.1	120.1	123.2	126.4
1980	119.4	122.2	122.1	120.4	119.2	117.5	112.8	113.1	113.9	119.2	121.0	123.7	127.2
1981		122.5	119.0	117.3									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	133.52	130.76	129.96	130.72	129.96	130.22	132.90	137.11	134.85	133.96	133.33	128.54	147.65
1978	147.40	137.10	135.81	140.27	139.93	137.61	142.42	152.57	153.06	156.72	155.23	150.67	163.08
1979	162.74	158.45	153.32	153.11	158.47	156.64	161.32	163.90	162.73	166.34	168.26	169.44	180.70
1980	180.05	176.99	170.66	168.98	169.32	166.66	174.73	186.91	192.06	187.71	187.25	183.48	197.64
1981		197.94	188.91	194.30									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	3.87	3.88	3.80	3.80	3.80	3.83	3.83	3.83	3.82	3.94	3.91	3.86	4.09
1978	4.26	4.18	4.03	4.15	4.14	4.12	4.14	4.31	4.24	4.39	4.41	4.38	4.53
1979	4.69	4.54	4.47	4.49	4.62	4.58	4.57	4.63	4.61	4.78	4.92	4.94	5.09
1980	5.28	5.13	4.99	4.97	4.98	4.96	5.05	5.28	5.41	5.57	5.64	5.56	5.83
1981		5.98	5.69	5.80									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	34.5	33.7	34.2	34.4	34.2	34.0	34.7	35.8	35.3	34.0	34.1	33.3	36.1
1978	34.6	32.8	33.7	33.8	33.8	33.4	34.4	35.4	36.1	35.7	35.2	34.4	36.0
1979	34.7	34.9	34.3	34.1	34.3	34.2	35.3	35.4	35.3	34.8	34.2	34.3	35.5
1980	34.1	34.5	34.2	34.0	34.0	33.6	34.6	35.4	35.5	33.7	33.2	33.0	33.9
1981		33.1	33.2	33.5									

SIC 58—EATING AND DRINKING PLACES

ALL EMPLOYEES—IN THOUSANDS													
1977	3,948.6	3,591.2	3,612.0	3,708.0	3,899.4	4,000.5	4,067.5	4,078.4	4,121.4	4,160.7	4,059.5	4,040.4	4,044.5
1978	4,277.2	3,937.5	3,939.0	4,033.1	4,225.6	4,341.2	4,409.8	4,416.9	4,452.0	4,474.5	4,382.8	4,365.8	4,368.2
1979	4,513.1	4,206.5	4,237.3	4,346.4	4,480.2	4,592.2	4,650.8	4,602.1	4,639.3	4,663.1	4,596.9	4,570.6	4,571.4
1980	4,666.1	4,373.2	4,397.2	4,480.8	4,617.3	4,712.1	4,764.1	4,774.1	4,814.2	4,846.9	4,756.8	4,735.4	4,720.8
1981		4,561.3	4,585.3	4,687.8									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	2,203.6	1,992.4	2,011.2	2,068.8	2,170.4	2,233.2	2,261.5	2,270.2	2,298.8	2,328.9	2,273.0	2,263.8	2,270.5
1978	2,390.9	2,191.3	2,199.5	2,248.5	2,359.4	2,426.1	2,457.8	2,464.4	2,484.4	2,500.9	2,454.5	2,449.5	2,454.2
1979	2,553.1	2,368.8	2,386.2	2,451.6	2,530.3	2,600.8	2,629.3	2,600.0	2,625.0	2,636.5	2,610.1	2,591.7	2,607.2
1980	2,627.2	2,475.3	2,474.5	2,518.9	2,588.5	2,649.6	2,702.1	2,680.2	2,699.4	2,729.5	2,666.1	2,680.2	2,661.9
1981		2,568.5	2,573.4	2,623.7									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	3,665.4	3,342.7	3,357.2	3,447.5	3,626.7	3,722.5	3,781.0	3,787.1	3,822.0	3,853.3	3,757.8	3,741.5	3,745.1
1978	3,946.1	3,626.2	3,641.4	3,728.6	3,904.1	4,010.7	4,068.0	4,066.4	4,103.8	4,119.9	4,038.0	4,022.4	4,023.1
1979	4,147.9	3,862.6	3,891.9	3,989.2	4,112.2	4,217.6	4,276.0	4,230.3	4,266.2	4,284.7	4,230.4	4,205.6	4,207.9
1980	4,293.5	4,016.2	4,046.3	4,120.8	4,249.1	4,339.7	4,381.9	4,387.4	4,426.5	4,461.5	4,381.3	4,362.3	4,348.5
1981		4,188.1	4,211.2	4,312.8									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS ¹⁶													
1977	81.75	79.46	80.32	80.33	81.19	81.19	82.06	84.10	84.68	81.42	81.99	81.35	81.84
1978	87.26	82.85	83.11	84.69	85.86	86.18	87.73	90.88	90.20	88.62	88.83	87.72	88.25
1979	90.74	87.29	88.49	89.18	90.82	89.87	91.58	93.91	93.91	91.96	90.57	90.65	92.93
1980	96.31	92.09	93.08	94.06	94.69	94.94	97.52	98.26	100.37	97.46	96.98	97.50	98.28
1981		98.67	100.49	101.01									

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 58—EATING AND DRINKING PLACES (Con.)

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS ¹⁶													
1977	2.93	2.90	2.91	2.90	2.91	2.91	2.91	2.91	2.91	2.92	2.95	2.96	3.02
1978	3.22	3.15	3.16	3.16	3.18	3.18	3.19	3.20	3.21	3.27	3.29	3.31	3.33
1979	3.45	3.45	3.43	3.43	3.44	3.43	3.43	3.44	3.47	3.47	3.50	3.52	3.52
1980	3.69	3.64	3.65	3.66	3.67	3.68	3.68	3.68	3.69	3.72	3.73	3.75	3.78
1981		3.90	3.91	3.90									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	27.9	27.4	27.6	27.7	27.9	27.9	28.2	28.9	29.0	27.6	27.7	27.3	27.1
1978	27.1	26.3	26.3	26.8	27.0	27.1	27.5	28.4	28.1	27.1	27.0	26.5	26.5
1979	26.3	25.3	25.8	26.0	26.4	26.2	26.7	27.3	27.3	26.5	26.1	25.9	26.4
1980	26.1	25.3	25.5	25.7	25.8	25.8	26.5	26.7	27.2	26.2	26.0	26.0	26.0
1981		25.3	25.7	25.9									

SIC 59—MISCELLANEOUS RETAIL

ALL EMPLOYEES—IN THOUSANDS													
1977	1,739.7	1,730.4	1,702.2	1,691.9	1,703.3	1,714.2	1,704.6	1,692.0	1,705.8	1,721.5	1,760.9	1,818.8	1,930.5
1978	1,816.2	1,781.8	1,762.2	1,770.2	1,771.1	1,792.5	1,794.1	1,779.7	1,782.6	1,808.1	1,842.9	1,908.5	2,000.4
1979	1,885.7	1,870.5	1,855.5	1,849.2	1,858.7	1,866.8	1,855.8	1,840.1	1,837.0	1,864.2	1,905.7	1,965.5	2,059.3
1980	1,910.9	1,910.7	1,905.1	1,892.3	1,875.7	1,885.0	1,869.2	1,854.1	1,865.0	1,899.0	1,935.0	1,978.7	2,060.8
1981		1,931.4	1,916.9	1,894.8									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	884.1	877.4	857.9	853.0	858.4	868.1	862.5	856.0	863.6	873.3	899.1	936.1	1,003.8
1978	943.7	909.2	897.4	904.0	907.9	922.2	922.4	915.4	926.0	947.5	974.5	1,021.8	1,075.7
1979	1,000.9	986.1	974.0	969.7	988.1	995.4	980.9	972.0	970.1	991.2	1,014.0	1,054.0	1,115.2
1980	1,018.0	1,013.7	1,014.0	1,004.0	993.3	1,000.0	989.0	971.8	986.0	1,012.3	1,036.5	1,070.0	1,124.8
1981		1,049.5	1,043.6	1,031.0									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	1,522.2	1,508.7	1,483.4	1,474.1	1,486.7	1,496.1	1,488.8	1,476.9	1,490.0	1,505.9	1,545.5	1,601.5	1,708.2
1978	1,598.7	1,567.1	1,548.5	1,556.8	1,554.8	1,574.5	1,576.1	1,562.5	1,564.0	1,591.3	1,622.3	1,686.5	1,779.8
1979	1,662.3	1,650.8	1,640.1	1,631.2	1,639.8	1,646.3	1,630.9	1,616.0	1,613.1	1,637.1	1,677.0	1,735.7	1,829.2
1980	1,675.5	1,682.6	1,677.5	1,663.5	1,646.2	1,654.3	1,634.2	1,618.6	1,629.5	1,658.9	1,693.1	1,736.7	1,810.5
1981		1,685.6	1,670.5	1,648.8									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	123.55	119.46	119.51	120.43	121.50	122.15	123.23	126.16	126.11	124.80	125.78	125.39	129.70
1978	132.93	129.28	129.60	130.33	130.25	130.25	131.70	134.64	135.63	133.95	133.66	133.24	140.01

WHOLESALE AND RETAIL TRADE

SIC 596

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 591—DRUG STORES AND PROPRIETARY STORES

ALL EMPLOYEES—IN THOUSANDS													
1977	482.2	486.5	474.6	473.7	472.5	477.0	479.1	474.2	476.1	476.5	477.9	482.6	536.2
1978	483.2	487.3	475.2	477.1	476.2	475.7	482.0	481.0	480.3	482.1	484.0	488.6	509.0
1979	489.1	496.5	483.9	486.3	486.4	485.5	489.3	486.3	483.7	482.0	484.8	490.2	514.8
1980	491.7	501.8	493.6	492.7	489.4	490.5	490.1	484.5	486.5	490.8	492.6	488.2	499.7
1981		488.7	481.8	476.7									
WOMEN EMPLOYEES—IN THOUSANDS													
1977	274.3	276.0	269.8	269.1	267.7	270.1	272.1	270.6	270.8	271.4	272.0	275.4	306.8
1978	283.1	278.9	272.6	273.5	275.2	275.1	279.8	280.9	283.7	286.6	289.0	293.8	307.6
1979	300.8	299.2	290.7	290.3	297.8	299.4	301.7	301.1	299.9	299.9	302.5	305.1	322.3
1980	304.5	309.7	306.6	305.5	301.0	302.7	301.9	297.6	300.2	304.5	306.5	304.1	314.0
1981		308.3	303.1	299.1									
NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	436.8	440.4	429.0	427.9	427.4	430.6	433.8	429.8	431.4	431.2	433.7	438.4	488.2
1978	440.1	443.4	431.6	434.1	433.0	433.0	439.1	438.1	437.2	439.0	441.0	446.1	465.6
1979	446.0	453.2	440.9	443.1	443.7	442.7	445.8	443.2	440.8	438.9	441.5	447.3	471.3
1980	446.7	458.6	449.3	450.2	446.3	446.7	444.5	438.6	440.4	444.5	446.2	441.6	453.1
1981		442.9	435.5	430.2									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	111.33	105.70	107.94	107.22	108.30	110.53	112.00	114.66	114.50	113.28	112.24	111.50	114.66
1978	118.58	115.14	113.70	114.38	115.67	115.36	118.35	123.52	124.29	120.67	120.26	120.34	122.85
1979	126.38	123.72	123.22	122.92	120.29	123.41	126.23	129.20	129.34	127.62	127.71	130.71	133.45
1980	131.28	131.26	129.94	130.24	129.06	129.65	130.54	132.88	133.48	130.50	131.11	133.32	133.95
1981		133.74	134.78	134.78									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	3.65	3.62	3.61	3.61	3.61	3.66	3.66	3.64	3.67	3.69	3.68	3.68	3.64
1978	3.85	3.80	3.79	3.80	3.83	3.82	3.83	3.86	3.86	3.88	3.93	3.92	3.90
1979	4.09	4.03	4.04	4.03	3.97	4.02	4.02	4.05	4.08	4.13	4.16	4.23	4.25
1980	4.45	4.39	4.39	4.43	4.42	4.44	4.41	4.40	4.42	4.50	4.49	4.55	4.51
1981		4.66	4.68	4.68									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	30.5	29.2	29.9	29.7	30.0	30.2	30.6	31.5	31.2	30.7	30.5	30.3	31.5
1978	30.8	30.3	30.0	30.1	30.2	30.2	30.9	32.0	32.2	31.1	30.6	30.7	31.5
1979	30.9	30.7	30.5	30.5	30.3	30.7	31.4	31.9	31.7	30.9	30.7	30.9	31.4
1980	29.5	29.9	29.6	29.4	29.2	29.2	29.6	30.2	30.2	29.0	29.2	29.3	29.7
1981		28.7	28.8	28.8									

SIC 592—LIQUOR STORES

ALL EMPLOYEES—IN THOUSANDS													
1977	112.7	108.9	107.4	108.6	110.9	110.9	111.3	113.3	113.6	113.5	114.0	117.3	122.9
1978	120.9	117.0	115.8	115.9	118.0	119.5	121.4	121.8	120.9	121.1	121.6	125.2	132.4
1979	127.5	123.5	124.3	122.5	121.6	124.9	126.7	128.5	129.7	128.9	130.8	131.1	136.9
1980	127.5	129.9	127.4	127.1	124.9	126.6	127.8	128.2	126.7	126.0	125.7	127.0	133.1
1981		125.8	124.9	123.4									
WOMEN EMPLOYEES—IN THOUSANDS													
1977	22.6	22.8	22.4	21.8	21.7	21.8	21.9	22.5	22.5	22.4	22.6	23.3	26.0
1978	26.3	24.5	24.1	24.0	24.3	24.8	25.2	25.6	26.2	26.9	27.9	29.4	32.4
1979	31.6	29.0	29.7	29.9	29.2	32.7	32.0	32.1	32.0	32.8	32.6	33.1	33.8
1980	30.9	32.1	31.0	30.3	29.8	29.7	30.2	30.3	30.9	30.7	31.2	31.2	33.1
1981		32.3	31.7	31.0									

SIC 596
WHOLESALE AND RETAIL TRADE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 596—NONSTORE RETAILERS (Con.)														SIC 598—FUEL AND ICE DEALERS (Con.)													
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	244.0	240.6	234.1	234.2	233.4	232.0	232.3	231.0	234.6	240.0	257.3	276.6	282.4	1977	4.99	5.06	4.97	4.88	4.91	4.89	4.85	4.87	4.86	4.94	5.09	5.15	5.29
1978	261.5	254.2	243.7	252.7	253.5	254.7	256.2	254.4	256.5	263.2	271.2	285.2	292.8	1978	5.38	5.34	5.48	5.27	5.20	5.17	5.17	5.19	5.27	5.38	5.55	5.65	5.73
1979	267.8	269.1	266.0	265.3	260.9	257.7	255.3	253.5	257.8	265.5	277.8	291.2	293.4	1979	5.91	5.92	6.18	5.75	5.79	5.74	5.76	5.76	5.83	6.01	6.12	6.15	
1980	254.8	264.4	257.9	254.5	247.2	242.0	237.8	235.4	241.2	253.4	264.0	276.7	282.8	1980	6.36	6.29	6.40	6.31	6.22	6.19	6.21	6.20	6.22	6.31	6.46	6.65	6.74
1981		254.2	248.9	247.3										1981		7.04	6.91	6.77									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	149.67	130.72	134.71	147.55	149.39	150.73	152.57	156.52	157.68	155.32	153.47	152.06	155.22	1977	40.2	43.5	41.6	39.1	39.1	39.1	39.4	39.3	38.9	38.9	40.3	40.1	42.2
1978	164.50	157.60	156.73	166.52	165.86	163.79	166.14	165.30	166.82	166.41	164.22	163.54	169.48	1978	39.6	42.2	42.7	39.8	39.0	38.2	38.5	38.3	37.8	38.2	39.1	39.5	40.5
1979	177.55	168.99	166.86	171.27	166.72	173.38	176.69	180.63	183.60	184.34	180.90	182.82	189.39	1979	39.7	41.8	43.9	39.3	38.9	38.3	38.7	38.5	38.7	38.8	39.4	39.3	39.7
1980	190.81	184.24	181.03	184.34	184.76	186.15	191.48	194.05	196.13	194.97	192.72	194.25	204.84	1980	38.9	39.9	40.1	38.8	38.2	37.6	38.3	38.5	38.4	38.2	38.9	39.8	39.7
1981		192.47	190.64	197.47										1981		42.0	40.0	38.6									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 599—RETAIL STORES, NEC													
1977	4.24	3.80	3.86	4.18	4.22	4.27	4.31	4.36	4.38	4.40	4.36	4.32	4.36	ALL EMPLOYEES—IN THOUSANDS													
1978	4.70	4.49	4.44	4.60	4.62	4.64	4.68	4.75	4.78	4.88	4.83	4.81	4.87	1977	229.1	223.3	224.7	221.8	236.1	242.9	228.4	220.9	219.6	224.5	227.1	232.8	246.5
1979	5.30	5.09	5.15	5.19	5.21	5.27	5.29	5.36	5.40	5.47	5.40	5.33	5.35	1978	235.5	226.5	237.8	234.3	233.4	249.5	235.2	227.5	225.3	229.0	234.6	241.1	251.3
1980	5.73	5.60	5.57	5.62	5.72	5.71	5.75	5.81	5.82	5.82	5.77	5.73	5.77	1979	253.0	241.9	251.2	242.4	261.3	269.2	253.9	247.0	243.4	247.1	254.6	257.7	266.8
1981		5.85	5.83	5.93										1980	262.0	249.7	264.5	253.7	261.1	270.8	261.4	257.7	257.8	260.4	264.5	267.3	275.4
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														1981		256.9	268.4	257.7									
1977	35.3	34.4	34.9	35.3	35.4	35.3	35.4	35.9	36.0	35.3	35.2	35.2	35.6	WOMEN EMPLOYEES—IN THOUSANDS													
1978	35.0	35.1	35.3	36.2	35.9	35.3	35.5	34.8	34.9	34.1	34.0	34.0	34.8	1977	105.1	100.5	101.3	100.5	107.9	112.0	102.8	99.7	100.0	103.2	105.7	109.7	117.8
1979	33.5	33.2	32.4	33.0	32.0	32.9	33.4	33.7	34.0	33.7	33.5	34.3	35.4	1978	112.1	107.2	113.8	112.5	110.7	121.7	110.1	105.2	104.9	107.6	112.5	116.6	121.9
1980	33.3	32.9	32.5	32.8	32.3	32.6	33.3	33.4	33.7	33.5	33.4	33.9	35.5	1979	120.3	114.8	121.7	116.9	130.0	132.7	119.1	114.6	113.2	115.2	118.7	120.7	126.0
1981		32.9	32.7	33.3										1980	124.3	118.1	127.6	119.8	123.3	130.2	123.7	118.3	120.0	121.4	125.8	128.8	134.8
SIC 598—FUEL AND ICE DEALERS														1981		123.4	132.7	126.7									
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	103.2	112.8	113.1	106.2	101.7	98.8	98.1	97.6	97.9	97.6	101.1	104.8	109.0	1977	193.5	188.2	189.4	186.5	200.0	205.3	192.8	186.1	184.8	189.3	192.5	197.1	210.2
1978	103.8	110.6	111.1	108.7	102.2	99.6	98.6	97.7	97.7	99.1	102.6	106.4	111.1	1978	199.7	192.4	203.2	199.5	197.5	212.9	198.9	191.9	188.9	192.7	198.2	205.4	215.4
1979	106.1	113.2	113.8	110.9	106.2	102.9	101.4	100.1	99.8	100.5	105.0	108.7	110.6	1979	213.8	204.2	214.4	204.9	223.5	230.9	213.5	206.7	203.7	207.1	214.3	216.4	226.0
1980	105.1	111.1	110.5	108.7	103.6	102.2	101.7	100.7	100.8	101.3	104.0	107.0	109.5	1980	220.3	209.2	225.8	215.0	220.8	230.1	218.7	215.3	214.4	217.4	221.4	224.4	231.0
1981		111.7	110.3	107.0										1981		213.5	224.4	215.7									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	21.7	22.7	23.1	22.0	21.4	21.1	20.9	20.8	21.0	20.9	21.6	22.3	22.6	1977	120.11	116.55	115.71	117.34	119.46	119.64	120.58	122.63	122.15	120.26	122.36	123.00	124.03
1978	22.1	22.6	22.8	22.7	22.0	21.7	21.4	21.2	21.2	21.7	22.4	22.6	23.3	1978	130.57	120.08	122.68	122.88	127.26	133.57	127.73	135.38	135.79	135.24	131.88	131.36	138.84
1979	23.4	24.1	24.2	24.3	23.7	23.1	22.6	22.3	22.2	22.5	23.3	24.0	24.2	1979	149.08	135.15	139.96	141.59	146.83	151.70	149.52	154.13	153.23	153.45	151.87	152.88	157.09
1980	23.3	24.1	24.0	23.8	23.4	22.8	22.6	22.3	22.5	22.7	23.5	23.6	24.4	1980	160.36	152.19	155.69	155.00	154.63	159.87	159.09	162.35	164.98	163.51	165.00	166.33	166.32
1981		24.6	24.2	24.0										1981		164.96	174.42	166.59									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	87.1	96.1	96.6	90.0	85.8	82.7	82.2	81.5	81.8	81.9	85.1	88.9	93.0	1977	3.73	3.70	3.65	3.69	3.71	3.67	3.75	3.77	3.77	3.80	3.82	3.77	
1978	88.1	94.5	95.2	92.9	86.6	84.2	83.0	82.1	82.3	83.6	86.8	90.6	95.2	1978	4.03	3.80	3.81	3.84	3.94	3.94	3.93	4.14	4.14	4.20	4.20	4.17	4.22
1979	89.9	97.4	97.8	94.8	90.1	87.1	85.7	84.3	84.0	84.3	88.3	91.7	93.5	1979	4.45	4.25	4.28	4.33	4.37	4.41	4.49	4.56	4.52	4.54	4.52	4.55	4.58
1980	88.3	94.2	93.2	91.6	86.8	85.4	85.3	84.1	84.4	84.6	87.3	90.3	92.5	1980	4.83	4.64	4.62	4.74	4.70	4.73	4.88	4.89	4.91	4.94	5.00	5.01	4.95
1981		94.5	93.0	89.9										1981		5.06	5.13	5.11									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	200.60	220.11	206.75	190.81	191.98	191.20	191.09	191.39	189.05	192.17	205.13	206.52	223.24	1977	32.2	31.5	31.7	31.8	32.2	32.6	32.5	32.7	32.4	31.9	32.2	32.2	32.9
1978	213.05	225.35	234.00	209.75	202.80	197.49	199.05	198.78	199.21	205.52	217.01	223.18	232.07	1978	32.4	31.6	32.2	32.0	32.3	33.9	32.5	32.7	32.8	32.2	31.4	31.5	32.9
1979	234.63	247.46	271.30	225.98	225.23	219.84	222.91	221.76	222.91	226.20	236.79	240.52	244.16	1979	33.5	31.8	32.7	32.7	33.6	34.4	33.3	33.8	33.9	33.8	33.6	33.6	34.3
1980	247.40	250.97	256.64	244.83	237.60	232.74	237.84	238.70	238.85	241.04	251.29	264.67	267.58	1980	33.2	32.8	33.7	32.7	32.9	33.8	32.6	33.2	33.6	33.1	33.0	33.2	33.6
1981		295.68	276.40	261.32										1981		32.6	34.0	32.6									

FINANCE, INSURANCE, AND REAL ESTATE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS														SIC 60—BANKING (Con.)													
1977	4,467	4,329	4,339	4,377	4,410	4,438	4,496	4,521	4,533	4,515	4,530	4,552	4,569	1977	920.6	895.6	896.4	899.4	902.3	908.3	923.5	931.0	934.9	931.3	935.4	941.6	947.9
1978	4,724	4,565	4,593	4,623	4,655	4,690	4,763	4,797	4,805	4,775	4,784	4,814	4,829	1978	984.1	951.6	955.9	960.1	964.9	971.9	987.6	993.9	999.8	996.6	1,001.7	1,009.6	1,015.7
1979	4,975	4,834	4,850	4,876	4,910	4,953	5,020	5,050	5,070	5,017	5,028	5,042	5,050	1979	1,050.2	1,017.3	1,021.9	1,025.9	1,031.4	1,036.9	1,052.2	1,059.9	1,067.7	1,062.0	1,067.2	1,077.1	1,082.4
1980	5,168	5,057	5,065	5,090	5,109	5,143	5,206	5,234	5,238	5,201	5,211	5,223	5,237	1980	1,111.5	1,089.5	1,095.0	1,099.3	1,101.5	1,103.9	1,115.4	1,120.4	1,121.1	1,113.5	1,118.2	1,126.9	1,133.6
1981		5,235	5,245	5,263										1981		1,137.9	1,140.0	1,144.6									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	2,511	2,412	2,428	2,450	2,464	2,477	2,516	2,534	2,547	2,549	2,566	2,588	2,603	1977	1,065.2	1,046.2	1,045.0	1,047.9	1,049.1	1,053.1	1,069.5	1,077.3	1,081.8	1,072.2	1,074.7	1,079.6	1,085.4
1978	2,708	2,603	2,626	2,645	2,658	2,675	2,715	2,739	2,753	2,745	2,760	2,784	2,797	1978	1,112.6	1,085.7	1,088.3	1,092.7	1,095.7	1,101.2	1,119.3	1,125.8	1,130.7	1,121.1	1,123.4	1,130.6	1,136.3
1979	2,882	2,796	2,809	2,825	2,829	2,846	2,894	2,911	2,931	2,912	2,931	2,948	2,957	1979	1,160.8	1,135.8	1,138.7	1,142.0	1,145.2	1,147.9	1,166.6	1,175.4	1,180.4	1,165.1	1,168.6	1,179.2	1,184.5
1980	3,042	2,972	2,994	3,006	3,015	3,020	3,044	3,064	3,071	3,054	3,070	3,086	3,103	1980	1,209.7	1,189.9	1,193.3	1,197.8	1,199.8	1,202.8	1,214.2	1,222.9	1,223.5	1,210.8	1,213.1	1,221.0	1,227.3
1981		3,112	3,126	3,135										1981		1,225.8	1,226.4	1,229.6									
NONSUPERVISORY WORKERS—IN THOUSANDS ¹⁷														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	3,397	3,281	3,294	3,326	3,352	3,376	3,428	3,446	3,453	3,433	3,444	3,460	3,471	1977	143.86	140.56	140.91	140.91	141.66	142.74	142.03	144.26	143.86	144.91	147.23	146.00	146.73
1978	3,593	3,464	3,489	3,511	3,534	3,561	3,627	3,657	3,660	3,633	3,638	3,665	3,675	1978	154.09	150.84	152.77	150.28	154.29	151.37	152.94	155.72	154.45	155.92	157.01	156.09	157.54
1979	3,776	3,672	3,682	3,706	3,722	3,761	3,826	3,845	3,858	3,808	3,808	3,816	3,813	1979	164.89	160.67	162.14	161.25	163.97	161.28	162.54	166.08	164.44	167.90	166.78	169.05	172.17
1980	3,913	3,813	3,829	3,851	3,869	3,900	3,953	3,979	3,976	3,937	3,940	3,949	3,956	1980	179.32	172.20	174.12	176.06	175.93	175.68	180.68	180.31	182.50	181.94	182.50	187.61	184.91
1981		3,950	3,955	3,969										1981		190.84	195.61	194.14									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS ¹⁷														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	165.26	163.60	163.07	162.34	163.07	164.53	163.44	165.71	165.71	166.25	169.36	168.07	169.99	1977	3.92	3.83	3.85	3.85	3.86	3.90	3.87	3.92	3.92	3.97	3.99	4.00	4.02
1978	178.00	173.26	173.26	172.79	176.78	175.21	177.27	180.07	178.85	180.54	182.87	181.86	183.68	1978	4.21	4.11	4.14	4.14	4.17	4.17	4.19	4.22	4.22	4.26	4.29	4.30	4.34
1979	190.77	186.37	188.19	186.58	189.12	187.20	188.08	191.50	190.61	194.39	194.03	196.38	199.47	1979	4.53	4.39	4.43	4.43	4.48	4.48	4.49	4.55	4.53	4.60	4.62	4.67	4.73
1980	209.24	200.55	203.64	206.18	205.62	205.77	210.03	208.87	211.63	211.91	214.53	218.53	217.80	1980	4.94	4.77	4.81	4.85	4.86	4.88	4.95	4.94	5.00	5.04	5.00	5.14	5.08
1981		222.04	226.04	225.32										1981		5.20	5.33	5.29									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS ¹⁷														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	4.54	4.47	4.48	4.46	4.48	4.52	4.49	4.54	4.54	4.58	4.64	4.63	4.67	1977	36.7	36.7	36.6	36.6	36.7	36.6	36.7	36.8	36.7	36.5	36.9	36.5	36.5
1978	4.89	4.76	4.76	4.76	4.83	4.84	4.87	4.92	4.90	4.96	5.01	5.01	5.06	1978	36.6	36.7	36.9	36.3	37.0	36.3	36.5	36.9	36.6	36.6	36.6	36.3	36.3
1979	5.27	5.12	5.17	5.14	5.21	5.20	5.21	5.29	5.28	5.37	5.36	5.41	5.48	1979	36.4	36.6	36.6	36.4	36.6	36.0	36.2	36.5	36.3	36.5	36.1	36.2	36.4
1980	5.78	5.54	5.61	5.68	5.68	5.70	5.77	5.77	5.83	5.87	5.91	6.02	6.00	1980	36.3	36.1	36.2	36.3	36.2	36.0	36.5	36.5	36.5	36.1	36.5	36.5	36.4
1981		6.10	6.21	6.19										1981		36.7	36.7	36.7									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS ¹⁷														SIC 602—COMMERCIAL AND STOCK SAVINGS BANKS													
1977	36.4	36.6	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.3	36.5	36.3	36.4	1977	1,238.4	1,216.2	1,215.3	1,218.6	1,221.4	1,226.6	1,242.8	1,250.9	1,254.5	1,247.1	1,250.0	1,255.1	1,261.8
1978	36.4	36.4	36.4	36.3	36.6	36.2	36.4	36.6	36.5	36.4	36.5	36.3	36.3	1978	1,299.5	1,263.8	1,268.0	1,273.5	1,277.9	1,285.3	1,303.9	1,314.1	1,320.2	1,312.8	1,316.9	1,325.0	1,332.1
1979	36.2	36.4	36.4	36.3	36.3	36.0	36.1	36.2	36.1	36.2	36.2	36.3	36.4	1979	1,369.3	1,336.2	1,340.0	1,344.9	1,351.3	1,356.4	1,374.6	1,383.8	1,390.9	1,377.5	1,382.2	1,394.1	1,400.0
1980	36.2	36.2	36.3	36.3	36.2	36.1	36.4	36.2	36.3	36.1	36.3	36.3	36.3	1980	1,433.0	1,409.1	1,412.9	1,418.5	1,420.8	1,424.2	1,437.5	1,446.1	1,447.5	1,435.5	1,439.5	1,447.9	1,455.9
1981		36.4	36.4	36.4										1981		1,460.2	1,461.7	1,466.1									
SIC 60—BANKING														ALL EMPLOYEES—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														1977	1,356.7	1,330.3	1,329.7	1,333.9	1,337.3	1,343.3	1,361.8	1,371.6	1,376.8	1,366.8	1,370.1	1,375.6	1,382.9
1977	1,356.7	1,330.3	1,329.7	1,333.9	1,337.3	1,343.3	1,361.8	1,371.6	1,376.8	1,366.8	1,370.1	1,375.6	1,382.9	1978	1,423.1	1,385.2	1,389.5	1,395.5	1,400.5	1,408.3	1,428.3	1,439.3	1,445.2	1,436.5	1,440.9	1,450.0	1,457.9
1978	1,423.1	1,385.2	1,389.5	1,395.5	1,400.5	1,408.3	1,428.3	1,439.3	1,445.2	1,436.5	1,440.9	1,450.0	1,457.9	1979	1,498.5	1,462.5	1,466.7	1,472.2	1,479.0	1,484.0	1,504.0	1,514.5	1,521.9	1,507.4	1,512.5	1,525.4	1,531.7
1979	1,498.5	1,462.5	1,466.7	1,472.2	1,479.0	1,484.0	1,504.0	1,514.5	1,521.9	1,507.4	1,512.5	1,525.4	1,531.7	1980	1,570.0	1,542.0	1,546.4	1,552.7	1,555.7	1,559.7	1,575.3	1,585.1	1,586.6	1,573.8	1,578.3	1,587.7	1,596.5
1980	1,570.0	1,542.0	1,546.4	1,552.7	1,555.7	1,559.7	1,575.3	1,585.1	1,586.6	1,573.8	1,578.3	1,587.7	1,596.5	1981		1,601.2	1,602.9	1,607.8									
1981		1,601.2	1,602.9	1,607.8																							

See footnotes at end of tables.

SIC 602
FINANCE, INSURANCE, AND REAL ESTATE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 602—COMMERCIAL AND STOCK SAVINGS BANKS (Con.)

WOMEN EMPLOYEES—IN THOUSANDS													
1977	847.4	825.9	826.0	828.3	830.7	836.1	849.8	856.2	859.1	856.6	860.8	866.6	872.5
1978	906.2	875.7	880.0	883.6	887.6	894.5	909.4	915.1	921.2	918.4	923.0	930.4	935.6
1979	967.4	936.7	941.0	944.7	950.1	955.4	969.5	976.3	983.6	978.5	983.3	992.4	997.4
1980	1,023.6	1,003.8	1,009.1	1,013.0	1,014.9	1,017.0	1,026.9	1,031.5	1,032.2	1,025.1	1,029.2	1,037.2	1,043.3
1981		1,047.6	1,049.3	1,053.7									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	969.9	954.4	953.0	955.4	956.2	959.6	973.9	980.1	982.9	975.7	977.8	982.4	987.5
1978	1,012.1	987.7	990.1	993.9	996.1	1,001.3	1,017.9	1,023.8	1,028.8	1,020.3	1,022.4	1,028.9	1,034.2
1979	1,055.8	1,033.5	1,035.5	1,038.6	1,041.4	1,044.1	1,061.1	1,069.0	1,073.7	1,059.7	1,063.0	1,072.4	1,077.5
1980	1,097.7	1,081.9	1,085.1	1,088.6	1,089.7	1,092.0	1,101.1	1,108.6	1,109.3	1,097.3	1,099.3	1,106.8	1,112.5
1981		1,111.2	1,111.9	1,114.9									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	141.30	138.36	139.09	138.71	139.84	140.54	139.83	142.07	142.05	141.99	144.28	143.08	143.81
1978	151.16	147.90	150.22	147.02	151.33	147.70	149.65	152.40	151.16	152.99	154.09	153.19	154.64
1979	162.34	157.68	159.58	158.70	161.41	158.40	160.00	163.52	161.45	165.80	163.89	166.16	169.62
1980	176.42	168.84	171.59	173.51	173.04	172.80	177.76	176.90	179.09	178.70	179.58	184.69	182.14
1981		188.05	192.83	190.84									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	3.85	3.77	3.79	3.79	3.80	3.84	3.81	3.85	3.86	3.89	3.91	3.92	3.94
1978	4.13	4.03	4.06	4.05	4.09	4.08	4.10	4.13	4.13	4.18	4.21	4.22	4.26
1979	4.46	4.32	4.36	4.36	4.41	4.40	4.42	4.48	4.46	4.53	4.54	4.59	4.66
1980	4.86	4.69	4.74	4.78	4.78	4.80	4.87	4.86	4.92	4.95	4.92	5.06	4.99
1981		5.11	5.24	5.20									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	36.7	36.7	36.7	36.6	36.8	36.6	36.7	36.9	36.8	36.5	36.9	36.5	36.5
1978	36.6	36.7	37.0	36.3	37.0	36.2	36.5	36.9	36.6	36.6	36.6	36.3	36.3
1979	36.4	36.5	36.6	36.4	36.6	36.0	36.2	36.5	36.2	36.6	36.1	36.2	36.4
1980	36.3	36.0	36.2	36.3	36.2	36.0	36.5	36.4	36.4	36.1	36.5	36.5	36.5
1981		36.8	36.8	36.7									

SIC 61—CREDIT AGENCIES OTHER THAN BANKS

ALL EMPLOYEES—IN THOUSANDS													
1977	477.7	459.3	462.5	465.0	468.9	472.6	477.8	482.1	484.2	485.8	488.9	490.5	495.0
1978	516.2	495.8	500.0	504.5	507.1	511.1	517.6	520.5	523.8	523.6	525.5	530.2	534.6
1979	554.0	534.4	538.3	542.5	546.1	548.5	555.5	561.0	561.2	557.4	564.2	567.5	571.6
1980	567.6	568.5	569.6	568.2	563.4	560.1	559.4	564.6	566.7	567.3	570.6	574.7	578.4
1981		578.4	579.4	579.6									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	300.0	283.6	285.7	289.8	292.8	295.4	299.5	303.2	305.4	307.1	309.7	312.2	315.8
1978	332.6	317.0	319.9	322.8	324.8	327.9	332.5	335.6	337.8	338.7	341.5	344.9	348.1
1979	361.2	347.1	350.1	353.7	354.0	356.5	362.0	363.7	366.6	363.5	369.4	371.2	376.5
1980	375.5	374.1	375.4	374.5	372.0	368.2	367.8	372.5	375.9	375.7	379.9	383.1	387.1
1981		393.7	395.2	395.7									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	366.0	350.6	352.6	354.9	358.0	361.0	366.9	370.9	372.4	373.2	375.1	376.2	379.7
1978	396.9	380.1	382.9	386.1	388.8	391.7	397.5	401.7	403.6	402.9	405.2	409.2	412.9
1979	422.4	410.8	413.4	416.7	415.7	417.1	423.9	426.5	428.5	425.1	429.7	430.6	431.3
1980	429.3	431.7	433.2	431.7	427.2	423.4	421.1	426.4	428.1	427.8	430.9	433.3	436.7
1981		441.1	441.4	440.9									

SIC 61—CREDIT AGENCIES OTHER THAN BANKS (Con.)

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	152.40	152.89	150.92	150.22	151.70	153.97	151.37	153.22	152.89	152.77	155.24	153.35	154.14
1978	162.58	159.47	157.98	157.68	162.21	159.43	161.62	166.50	164.21	163.60	166.79	165.07	165.71
1979	172.12	167.54	168.43	166.44	171.86	168.17	169.36	175.01	171.92	176.53	175.48	175.85	177.97
1980	187.39	181.67	182.03	185.61	184.37	183.96	189.67	187.82	188.34	188.55	190.53	194.55	192.72
1981		199.46	204.24	204.80									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.13	4.11	4.09	4.06	4.10	4.15	4.08	4.13	4.11	4.14	4.23	4.19	4.20
1978	4.43	4.31	4.34	4.32	4.42	4.38	4.38	4.50	4.45	4.47	4.52	4.51	4.54
1979	4.69	4.59	4.64	4.56	4.67	4.62	4.64	4.73	4.71	4.81	4.73	4.74	4.81
1980	5.12	4.91	4.96	5.03	5.01	5.04	5.14	5.16	5.16	5.18	5.22	5.33	5.28
1981		5.42	5.55	5.55									

FINANCE, INSURANCE, AND REAL ESTATE

SIC 63

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 612—SAVINGS AND LOAN ASSOCIATIONS (Con.)														SIC 62—SECURITY, COMMODITY BROKERS, AND SERVICES (Con.)													
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														ALL EMPLOYEES—IN THOUSANDS													
1977	36.3	36.6	36.1	36.1	36.2	36.3	36.3	36.4	36.5	36.3	36.6	36.2	36.2	1980	223.0	215.5	214.2	216.7	218.4	218.3	221.8	224.1	226.7	226.6	228.7	231.6	233.2
1978	36.3	36.9	36.1	36.0	36.5	36.0	36.3	36.7	36.4	36.2	36.5	35.7	35.8	1981		234.8	236.6	238.1									
1979	36.3	35.9	35.8	35.7	36.4	35.9	36.1	36.8	36.2	36.5	36.9	36.7	37.0	WOMEN EMPLOYEES—IN THOUSANDS													
1980	36.3	36.8	36.2	36.5	36.4	35.9	36.8	36.2	36.4	36.3	36.1	36.4	36.2	1977	67.4	65.2	65.8	67.0	67.5	67.0	67.3	67.8	68.3	68.0	67.8	68.3	69.2
1981		36.4	36.5	36.5										1978	72.3	69.4	69.8	69.8	69.9	70.6	72.1	72.9	73.5	73.6	74.3	75.6	75.5
SIC 614—PERSONAL CREDIT INSTITUTIONS														1979	78.8	75.5	76.2	76.6	75.7	75.7	77.8	78.9	79.9	80.9	81.7	83.1	83.5
ALL EMPLOYEES—IN THOUSANDS														1980	90.8	84.1	85.2	86.5	87.7	88.4	90.4	91.9	93.6	93.5	95.2	96.4	97.1
1977	190.8	186.7	188.3	189.7	189.9	190.5	191.1	191.6	191.9	192.4	192.4	192.3	193.0	SIC 621—SECURITY BROKERS AND DEALERS													
1978	198.4	191.6	193.9	195.4	196.4	198.0	199.3	199.1	200.4	200.3	200.1	202.4	204.0	ALL EMPLOYEES—IN THOUSANDS													
1979	208.1	201.7	203.3	205.1	207.5	208.3	208.8	211.7	209.2	205.4	210.4	211.1	214.1	1977	148.3	145.9	147.2	148.5	150.1	148.9	149.3	148.7	149.2	148.4	147.4	147.4	148.3
1980	205.8	211.8	211.5	210.0	207.9	206.0	203.6	203.3	202.7	203.2	202.8	202.9	203.6	1978	152.3	148.8	149.3	148.7	148.8	150.1	152.2	153.5	154.2	154.3	154.8	156.6	156.4
1981		201.1	200.3	200.1										1979	164.7	157.3	158.3	158.6	160.2	160.9	164.0	166.3	168.0	167.7	169.7	171.7	173.2
WOMEN EMPLOYEES—IN THOUSANDS														1980	180.7	174.8	172.8	175.2	176.8	176.6	179.3	181.5	184.1	184.0	185.3	188.1	189.6
1977	103.8	98.3	99.2	101.9	102.6	103.2	103.8	104.6	105.4	106.0	106.2	106.7	107.4	1981		190.9	192.6	194.0									
1978	112.3	107.3	108.5	108.8	109.6	111.4	112.3	112.8	113.8	114.2	114.9	116.1	117.4	WOMEN EMPLOYEES—IN THOUSANDS													
1979	120.0	115.5	117.1	118.8	118.5	119.4	120.5	120.1	121.0	117.8	122.5	121.9	126.6	1977	54.1	52.7	53.3	54.4	54.7	54.0	54.1	54.2	54.5	54.0	53.8	54.2	54.8
1980	122.1	124.3	124.6	123.5	123.6	121.1	120.2	120.5	121.1	120.6	121.3	121.4	122.5	1978	57.2	55.0	55.3	55.3	55.5	56.2	57.1	57.4	58.1	58.0	58.7	59.9	59.7
1981		127.1	127.0	127.5										1979	62.5	59.6	60.2	60.7	59.7	59.8	61.4	62.3	63.4	64.4	65.2	66.2	66.7
NONSUPERVISORY WORKERS—IN THOUSANDS														1980	72.9	67.5	68.2	69.6	70.4	70.9	72.2	73.5	75.1	75.3	76.4	77.5	78.2
1977	143.1	139.6	140.8	141.8	141.9	142.5	143.6	144.3	144.8	144.4	144.2	144.9	149.4	1981		79.2	80.7	81.0									
1978	150.3	144.6	146.2	147.2	148.1	149.1	150.3	151.5	152.1	152.0	152.5	154.5	155.4	SIC 63—INSURANCE CARRIERS													
1979	157.3	153.6	155.2	156.8	156.8	157.0	158.2	158.7	158.6	155.7	159.3	158.4	158.7	ALL EMPLOYEES—IN THOUSANDS													
1980	154.8	160.6	159.9	158.7	157.1	155.1	152.4	152.8	152.4	152.8	152.2	151.8	151.8	1977	1,140.9	1,119.1	1,124.2	1,130.4	1,134.1	1,136.9	1,144.2	1,149.0	1,150.2	1,145.6	1,148.2	1,153.1	1,155.4
1981		155.1	154.7	154.4										1978	1,173.6	1,155.6	1,158.9	1,162.9	1,165.4	1,167.9	1,179.2	1,186.0	1,182.0	1,177.5	1,179.0	1,182.9	1,185.6
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1979	1,199.8	1,185.2	1,190.2	1,193.7	1,197.4	1,194.6	1,202.5	1,205.5	1,207.6	1,203.0	1,204.4	1,203.2	1,209.9
1977	149.63	149.71	149.29	147.78	150.46	151.22	149.72	150.44	149.71	150.00	148.56	148.27	149.41	1980	1,224.3	1,210.2	1,212.9	1,217.4	1,216.9	1,215.7	1,225.2	1,232.5	1,231.4	1,228.1	1,231.6	1,232.9	1,237.0
1978	158.61	152.72	152.46	152.57	155.49	154.28	159.27	162.43	160.95	160.31	162.80	163.17	163.76	1981		1,232.8	1,233.9	1,235.0									
1979	165.80	164.78	165.17	162.29	166.70	162.43	164.42	169.46	167.08	170.09	164.98	167.53	167.54	WOMEN EMPLOYEES—IN THOUSANDS													
1980	181.14	172.86	174.36	176.66	176.53	178.12	181.90	184.47	182.67	182.94	186.07	190.25	190.94	1977	652.4	629.5	634.2	640.3	644.2	647.2	655.1	659.4	660.4	659.0	662.9	666.8	670.2
1981		200.88	203.69	204.61										1978	691.1	671.6	675.4	679.2	682.1	684.2	692.2	698.5	699.4	697.7	700.3	704.4	708.4
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														1979	715.5	708.0	712.3	715.8	709.2	709.0	715.1	717.4	719.1	717.3	720.1	719.7	723.3
1977	3.99	3.95	3.96	3.92	3.97	3.99	3.94	3.98	3.95	4.00	4.07	4.04	4.06	1980	743.5	724.4	735.9	739.5	740.8	741.1	744.8	749.5	749.6	747.2	748.2	749.2	752.0
1978	4.31	4.15	4.20	4.18	4.26	4.25	4.27	4.39	4.35	4.38	4.40	4.41	4.45	1981		749.1	750.5	752.7									
1979	4.53	4.49	4.55	4.41	4.53	4.45	4.48	4.58	4.59	4.66	4.52	4.54	4.59	NONSUPERVISORY WORKERS—IN THOUSANDS													
1980	4.99	4.71	4.79	4.84	4.81	4.88	4.97	5.11	5.06	5.11	5.14	5.27	5.26	1977	795.3	778.2	782.5	788.5	791.5	793.8	800.1	803.2	801.8	797.4	799.7	803.2	804.1
1981		5.40	5.52	5.53										1978	817.8	803.1	806.6	809.5	809.9	810.7	821.2	827.3	824.2	821.8	824.9	827.2	827.5
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														1979	839.6	826.8	830.2	838.0	839.2	840.9	843.2	846.5	846.3	843.6	841.2	840.7	838.8
1977	37.5	37.9	37.7	37.7	37.9	37.9	38.0	37.8	37.9	37.5	36.5	36.7	36.8	1980	854.7	840.2	845.3	849.9	851.2	850.9	858.3	862.9	861.6	857.2	858.2	859.6	860.5
1978	36.8	36.8	36.3	36.5	36.5	36.3	37.3	37.0	37.0	36.6	36.5	36.9	36.5	1981		859.1	859.0	858.8									
1979	36.6	36.7	36.3	36.8	36.8	36.5	36.7	37.0	36.4	36.5	36.5	36.9	36.5	NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1980	36.3	36.7	36.4	36.5	36.7	36.5	36.6	36.1	36.1	35.8	36.2	36.1	36.3	1977	181.05	176.97	177.23	177.23	177.23	179.56	179.19	181.79	182.77	183.77	186.00	185.13	186.74
1981		37.2	36.9	37.0										1978	194.56	189.35	190.32	190.84	193.21	192.70	192.92	195.45	195.83	196.42	198.97	199.76	202.17
SIC 62—SECURITY, COMMODITY BROKERS, AND SERVICES														1979	211.12	205.72	207.20	207.02	207.94	208.88	208.50	209.62	212.58	213.33	212.81	217.13	219.58
ALL EMPLOYEES—IN THOUSANDS														1980	235.88	221.03	226.13	229.74	231.75	236.50	237.13	239.14	239.63	240.75	244.02	244.40	244.50
1977	181.8	178.0	179.5	180.9	182.9	182.0	182.5	182.5	183.5	182.7	181.9	182.1	183.4	1981		248.34	251.70	255.07									
1978	188.8	183.9	184.5	184.2	184.3	185.6	188.8	190.4	191.2	191.4	192.3	194.3	194.3														
1979	204.2	195.5	196.5	197.1	199.0	199.7	203.6	206.5	208.1	207.6	209.9	212.5	214.2														

SIC 63
FINANCE, INSURANCE, AND REAL ESTATE

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 63—INSURANCE CARRIERS (Con.)														SIC 632—MEDICAL SERVICE AND HEALTH INSURANCE													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	4.88	4.77	4.79	4.79	4.79	4.84	4.83	4.90	4.90	4.94	5.00	4.99	5.02	1977	131.9	130.6	131.0	131.7	131.6	131.4	132.0	132.2	132.0	131.6	132.0	133.1	133.9
1978	5.23	5.09	5.13	5.13	5.18	5.18	5.20	5.24	5.25	5.28	5.32	5.37	5.42	1978	135.4	134.0	134.4	134.7	135.0	134.8	135.8	136.0	136.1	135.5	135.7	136.4	136.7
1979	5.66	5.53	5.57	5.55	5.56	5.60	5.62	5.65	5.73	5.75	5.69	5.79	5.84	1979	137.3	136.3	136.7	136.8	136.5	136.5	137.0	137.3	137.7	137.1	138.0	138.3	139.3
1980	6.29	5.91	6.03	6.11	6.18	6.29	6.29	6.36	6.39	6.42	6.49	6.50	6.52	1980	142.5	139.7	140.0	141.2	141.5	141.7	142.2	143.8	143.8	143.7	143.9	144.4	144.4
1981		6.64	6.73	6.82										1981		144.1	144.6	144.6									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	37.1	37.1	37.0	37.0	37.0	37.1	37.1	37.1	37.3	37.2	37.2	37.1	37.2	1977	95.2	94.0	94.4	95.1	94.9	94.9	95.3	95.4	95.2	95.0	95.1	96.1	96.7
1978	37.2	37.2	37.1	37.2	37.3	37.2	37.1	37.3	37.3	37.2	37.4	37.2	37.3	1978	97.8	96.8	96.9	97.2	97.6	97.4	98.1	98.2	98.0	97.9	98.2	98.7	99.1
1979	37.3	37.2	37.2	37.3	37.4	37.3	37.1	37.1	37.1	37.1	37.4	37.5	37.6	1979	99.1	98.8	99.2	99.2	97.6	98.0	98.6	98.8	99.0	99.1	99.9	99.9	101.1
1980	37.5	37.4	37.5	37.6	37.5	37.6	37.7	37.6	37.5	37.5	37.6	37.6	37.5	1980	103.4	101.2	101.4	102.3	102.6	102.7	102.9	104.3	104.6	104.6	104.3	104.7	104.9
1981		37.4	37.4	37.4										1981		104.7	105.1	105.1									
SIC 631—LIFE INSURANCE														NONSUPERVISORY WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														1977	108.0	106.1	106.7	108.4	108.3	108.0	108.9	109.1	108.0	107.5	107.6	108.5	109.2
1977	518.6	513.4	515.4	516.8	518.0	518.0	519.6	521.7	521.5	518.7	518.9	519.8	520.8	1978	109.6	109.2	109.4	109.7	109.5	109.1	109.7	109.8	109.9	109.1	109.4	110.1	110.3
1978	519.1	519.3	519.2	519.9	519.7	519.7	522.0	523.9	519.0	516.4	516.3	516.8	517.4	1979	109.9	109.7	110.0	109.9	109.0	109.2	109.6	109.7	110.0	109.4	110.3	110.4	111.2
1979	519.6	516.1	518.9	519.5	522.4	518.8	521.1	521.8	522.0	518.7	519.1	516.0	520.9	1980	114.1	111.7	111.6	112.7	113.2	113.4	114.3	115.7	115.5	115.1	114.9	115.5	115.5
1980	529.7	522.1	523.5	525.0	525.2	525.0	531.6	534.5	534.0	532.2	533.9	533.9	535.8	1981		115.2	115.7	115.7									
1981		533.2	533.6	533.6										NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
WOMEN EMPLOYEES—IN THOUSANDS														1977	175.68	174.27	172.59	169.72	170.09	175.03	173.91	173.35	176.90	177.47	181.82	179.55	180.78
1977	264.6	259.9	261.2	262.0	262.7	263.4	265.7	267.4	267.1	265.6	266.2	266.6	267.9	1978	189.50	185.82	186.85	187.45	190.64	188.88	185.48	187.98	186.73	188.38	191.52	195.56	197.49
1978	269.5	267.0	267.9	268.3	268.2	268.3	269.8	271.9	271.5	269.5	269.1	270.2	272.0	1979	206.60	201.08	204.22	201.47	198.97	205.47	205.50	207.38	207.73	210.18	209.44	211.69	216.97
1979	269.3	270.9	272.5	273.3	266.8	265.5	267.4	269.0	269.0	269.7	268.7	271.1		1980	227.46	216.98	220.41	225.61	226.35	226.48	228.22	227.84	229.30	229.14	231.19	234.08	235.16
1980	289.4	272.9	282.9	285.3	287.1	289.2	291.8	294.2	294.6	293.4	293.6	293.7	294.6	1981		236.36	240.03	243.58									
1981		293.3	294.5	295.9										NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
NONSUPERVISORY WORKERS—IN THOUSANDS														1977	4.66	4.55	4.53	4.55	4.56	4.68	4.65	4.66	4.68	4.72	4.81	4.75	4.77
1977	309.2	305.6	307.1	308.1	308.6	308.9	309.9	312.1	311.4	309.1	309.3	309.9	310.7	1978	5.00	4.89	4.93	4.92	5.03	5.01	4.92	4.96	4.94	5.01	5.04	5.16	5.17
1978	310.0	309.6	310.3	310.6	309.5	309.4	311.6	313.1	308.7	308.3	309.7	310.2	309.2	1979	5.48	5.25	5.36	5.33	5.32	5.45	5.48	5.53	5.51	5.59	5.60	5.63	5.74
1979	310.8	308.3	310.3	311.3	310.8	312.6	310.4	311.8	312.2	312.2	310.3	310.5	308.8	1980	5.97	5.71	5.77	5.86	5.91	5.96	5.99	5.98	6.05	6.03	6.10	6.16	6.14
1980	322.2	311.6	312.4	314.9	317.7	319.3	324.8	327.7	327.7	326.5	327.6	328.2	328.4	1981		6.22	6.35	6.41									
1981		329.7	330.3	331.0										NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	37.7	38.3	38.1	37.3	37.3	37.4	37.4	37.2	37.8	37.6	37.8	37.8	37.9
1977	181.67	176.66	177.76	178.24	178.61	180.20	179.83	182.03	182.90	183.50	185.47	186.48	187.45	1978	37.9	38.0	37.9	38.1	37.9	37.7	37.7	37.9	37.8	37.6	38.0	37.9	38.2
1978	193.57	188.64	191.36	191.73	191.73	191.36	192.46	194.09	194.09	194.99	196.31	197.42	200.56	1979	37.7	38.3	38.1	37.8	37.4	37.7	37.5	37.7	37.6	37.4	37.6	37.8	
1979	210.92	206.62	208.68	207.57	211.30	210.94	207.92	207.89	209.72	210.08	211.31	217.35	220.00	1980	38.1	38.0	38.2	38.5	38.3	38.0	38.1	38.1	37.9	38.0	37.9	38.0	38.3
1980	245.32	222.05	231.86	238.14	240.64	248.06	248.03	249.10	250.99	252.21	255.91	251.92	253.05	1981		38.0	37.8	38.0									
1981		259.13	260.68	263.71										SIC 633—FIRE, MARINE, AND CASUALTY INSURANCE													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	4.95	4.84	4.87	4.87	4.88	4.91	4.90	4.96	4.97	5.00	5.04	5.04	5.08	1977	425.3	414.0	416.5	420.1	421.4	423.2	426.7	428.3	429.7	428.6	429.9	432.3	432.6
1978	5.26	5.14	5.20	5.21	5.21	5.20	5.23	5.26	5.26	5.27	5.32	5.35	5.45	1978	446.9	433.2	435.5	437.5	439.4	441.4	448.0	451.8	453.1	452.9	454.1	456.7	458.6
1979	5.67	5.63	5.64	5.61	5.59	5.61	5.65	5.68	5.73	5.74	5.62	5.75	5.82	1979	467.6	460.0	461.7	464.4	464.9	464.8	468.8	470.5	471.1	470.4	469.9	471.4	472.8
1980	6.49	5.89	6.15	6.30	6.40	6.46	6.51	6.59	6.64	6.69	6.77	6.70	6.73	1980	479.2	472.4	473.8	475.7	476.5	478.2	481.4	484.1	482.7	480.5	481.2	481.2	483.0
1981		6.91	6.97	7.07										1981		482.0	482.4	483.5									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	36.7	36.5	36.5	36.6	36.6	36.7	36.7	36.7	36.8	36.7	36.8	37.0	36.9	1977	249.8	236.4	239.1	243.0	245.5	246.8	250.8	252.5	253.8	254.4	256.6	259.1	260.1
1978	36.8	36.7	36.8	36.8	36.8	36.8	36.8	36.9	36.9	37.0	36.9	36.9	36.8	1978	274.9	261.4	263.7	266.1	268.3	269.9	274.6	277.9	279.9	280.9	283.2	285.5	287.3
1979	37.2	36.7	37.0	37.0	37.8	37.6	36.8	36.6	36.6	36.6	37.6	37.8	37.8	1979	295.5	288.8	290.9	293.4	294.3	294.4	297.1	297.7	298.2	297.6	297.3	297.8	298.5
1980	37.8	37.7	37.7	37.8	37.6	38.4	38.1	37.8	37.8	37.7	37.8	37.6	37.6	1980	301.4	298.4	299.8	300.5	301.0	301.7	303.0	304.0	302.7	300.9	301.2	301.2	302.6
1981		37.5	37.4	37.3										1981		301.5	301.6	302.1									

SIC 655283

SIC 66**FINANCE, INSURANCE, AND REAL ESTATE**

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 66—COMBINED REAL ESTATE, INSURANCE, ETC.

ALL EMPLOYEES—IN THOUSANDS													
1977	27.4	27.1	27.0	27.8	27.6	27.3	27.7	27.3	27.3	26.9	27.2	27.6	27.6
1978	25.8	26.7	26.4	26.4	26.4	26.4	26.4	26.3	26.1	25.6	24.8	24.5	24.1
1979	22.8	23.9	23.9	23.7	23.1	23.2	23.2	22.6	22.6	21.9	21.9	21.8	21.6
1980	21.1	21.4	21.2	21.2	21.0	20.8	21.0	21.0	21.2	21.1	21.0	21.0	21.1
1981		21.3	21.3	21.2									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	16.2	15.4	15.6	16.5	16.3	16.0	16.1	16.0	16.0	15.9	16.4	16.7	17.0
1978	16.0	16.5	16.4	16.4	16.3	16.2	16.3	16.3	16.3	15.9	15.4	15.1	15.0
1979	14.4	15.0	14.9	14.5	14.4	14.4	14.7	14.3	14.2	13.8	13.5	14.5	14.2
1980	13.6	14.0	13.8	13.8	13.7	13.5	13.5	13.4	13.5	13.4	13.3	13.3	13.5
1981		13.2	13.1	13.1									

SIC 67—HOLDING AND OTHER INVESTMENT OFFICES

ALL EMPLOYEES—IN THOUSANDS													
1977	95.4	91.2	91.6	92.6	93.6	94.6	95.0	96.4	96.8	97.2	97.9	98.6	99.1
1978	103.4	98.2	99.1	100.3	101.5	102.3	104.8	105.3	106.3	105.0	104.4	106.3	107.4
1979	111.2	107.3	108.5	109.0	109.9	109.7	112.7	112.3	113.4	112.3	113.1	113.5	112.3
1980	116.3	111.6	112.2	113.7	114.2	115.2	116.6	117.9	118.8	118.1	118.4	119.1	119.5
1981		121.2	122.6	122.7									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	46.4	43.8	44.3	44.5	44.9	45.8	46.0	46.8	47.4	47.5	48.3	48.9	49.0
1978	50.8	47.5	47.9	48.4	49.5	49.7	50.8	51.6	52.5	51.9	52.0	53.0	54.3
1979	56.8	53.8	54.8	55.1	55.3	56.1	57.3	57.7	58.2	57.8	58.5	58.7	58.4
1980	61.2	58.0	58.3	60.0	60.8	60.3	61.1	62.1	62.5	62.3	62.5	62.9	63.0
1981		64.0	65.2	65.2									

See footnotes at end of tables.

SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS														SIC 70—HOTELS AND OTHER LODGING PLACES (Con.)													
1977	15,303	14,635	14,770	14,935	15,108	15,223	15,397	15,500	15,540	15,557	15,637	15,659	15,669	1977	502.1	441.2	449.4	462.9	487.9	505.5	536.3	565.8	570.1	531.9	507.2	488.9	478.1
1978	16,252	15,477	15,656	15,870	16,095	16,231	16,408	16,497	16,563	16,510	16,535	16,576	16,606	1978	528.2	462.9	472.0	478.7	502.5	524.9	557.4	591.4	604.7	565.2	540.7	525.1	513.3
1979	17,112	16,417	16,617	16,829	16,986	17,119	17,286	17,316	17,347	17,304	17,380	17,362	17,386	1979	569.9	503.1	511.0	533.2	558.2	575.1	603.5	633.4	639.5	603.1	576.4	558.9	543.9
1980	17,901	17,266	17,456	17,636	17,790	17,903	18,013	18,145	18,136	18,087	18,115	18,118	18,149	1980	593.4	531.4	539.6	555.3	585.3	605.0	629.6	664.0	670.9	631.8	592.9	564.8	550.6
1981		17,972	18,126	18,287										1981		534.2	539.6	554.4									
WOMEN EMPLOYEES—IN THOUSANDS														SIC 701—HOTELS, MOTELS, AND TOURIST COURTS													
1977	8,771	8,400	8,501	8,594	8,657	8,725	8,804	8,802	8,824	8,924	8,987	9,008	9,022	ALL EMPLOYEES—IN THOUSANDS													
1978	9,368	8,959	9,051	9,175	9,278	9,347	9,414	9,423	9,469	9,498	9,553	9,604	9,642	1977	913.0	830.8	840.1	865.8	896.7	919.9	967.9	988.8	996.4	958.9	917.7	892.2	880.4
1979	9,919	9,561	9,657	9,773	9,853	9,907	9,969	9,945	9,991	10,033	10,108	10,111	10,122	1978	945.6	850.4	866.2	885.6	910.7	942.5	989.6	1,023.9	1,035.0	999.6	960.7	942.1	940.8
1980	10,461	10,083	10,211	10,288	10,368	10,430	10,468	10,525	10,538	10,594	10,647	10,679	10,696	1979	1,019.9	931.4	944.8	977.6	1,010.4	1,039.9	1,077.9	1,102.7	1,102.5	1,064.7	1,020.3	992.1	974.0
1981		10,633	10,724	10,816										1980	1,054.0	958.6	970.5	1,003.9	1,050.5	1,081.2	1,117.9	1,146.4	1,150.7	1,113.2	1,053.1	1,010.4	991.7
NONSUPERVISORY WORKERS—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	13,683	13,076	13,210	13,352	13,520	13,632	13,777	13,858	13,893	13,905	13,982	13,997	13,997	1977	479.3	423.8	431.5	445.4	469.1	485.9	512.0	527.5	529.4	509.2	486.7	470.6	460.4
1978	14,476	13,803	13,971	14,171	14,380	14,489	14,629	14,697	14,733	14,681	14,681	14,724	14,752	1978	505.1	445.7	454.4	461.3	484.6	504.9	530.9	550.4	559.9	542.5	521.8	508.1	496.5
1979	15,193	14,554	14,751	14,952	15,080	15,204	15,348	15,373	15,396	15,355	15,436	15,423	15,445	1979	547.7	486.3	494.2	516.6	541.7	557.5	579.7	594.9	597.5	581.3	557.0	541.2	524.4
1980	15,930	15,321	15,519	15,694	15,839	15,943	16,047	16,176	16,159	16,094	16,122	16,114	16,134	1980	572.3	514.1	521.8	538.5	568.0	587.3	606.2	628.8	633.7	610.4	575.7	548.7	534.0
1981		15,953	16,102	16,253										1981		517.5	522.9	537.4									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	153.45	149.24	150.68	150.22	150.88	151.54	152.72	154.10	154.44	155.43	157.56	157.26	158.40	1977	840.3	763.4	772.2	798.0	825.0	848.0	891.6	911.0	920.1	883.0	844.0	819.3	808.0
1978	163.67	160.39	160.56	161.05	162.36	161.87	163.18	164.84	163.68	165.46	167.42	167.24	167.70	1978	870.6	779.4	796.1	814.1	838.3	869.1	913.2	945.2	955.6	919.7	884.3	865.8	866.6
1979	175.27	169.78	170.75	171.80	171.93	171.28	173.71	176.49	176.29	178.22	178.65	180.60	184.01	1979	939.9	857.8	871.4	903.2	932.8	960.9	995.5	1,016.9	1,016.5	980.3	938.0	911.2	894.4
1980	190.71	183.63	185.25	186.88	186.88	187.60	190.57	191.32	192.31	193.32	195.60	198.53	199.51	1980	968.8	878.3	891.3	923.2	965.3	994.7	1,029.5	1,057.1	1,059.7	1,023.8	968.2	927.0	907.7
1981		201.83	204.40	205.05										1981		880.1	888.7	910.5									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS ¹⁸													
1977	4.65	4.55	4.58	4.58	4.60	4.62	4.60	4.60	4.61	4.71	4.76	4.78	4.80	1977	103.27	101.35	99.79	99.78	100.39	102.94	102.66	104.98	104.33	103.56	106.16	104.69	106.05
1978	4.99	4.89	4.91	4.91	4.95	4.95	4.93	4.95	4.93	5.06	5.12	5.13	5.16	1978	113.93	110.26	110.62	111.03	113.35	112.48	113.31	116.64	114.95	114.82	117.55	115.50	115.52
1979	5.36	5.24	5.27	5.27	5.29	5.27	5.28	5.30	5.31	5.45	5.48	5.54	5.61	1979	124.00	117.69	120.65	120.82	122.14	121.48	125.20	127.76	126.01	126.77	124.43	125.36	126.96
1980	5.85	5.65	5.70	5.75	5.75	5.79	5.81	5.78	5.81	5.93	6.00	6.09	6.12	1980	135.42	125.76	127.93	132.75	131.63	136.62	139.15	137.77	138.03	137.10	138.93	140.59	139.83
1981		6.21	6.27	6.29										1981		142.38	145.62	145.01									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS ¹⁸													
1977	33.0	32.8	32.9	32.8	32.8	32.8	33.2	33.5	33.5	33.0	33.1	32.9	33.0	1977	3.31	3.28	3.24	3.25	3.27	3.31	3.28	3.25	3.33	3.37	3.41	3.50	
1978	32.8	32.8	32.7	32.8	32.8	32.7	33.1	33.3	33.2	32.7	32.7	32.6	32.5	1978	3.64	3.58	3.58	3.57	3.61	3.64	3.62	3.60	3.57	3.68	3.72	3.75	3.80
1979	32.7	32.4	32.4	32.6	32.5	32.5	32.9	33.3	33.2	32.7	32.6	32.6	32.8	1979	4.00	3.91	3.93	3.91	3.94	3.97	4.00	3.98	3.95	4.05	4.04	4.11	4.19
1980	32.6	32.5	32.5	32.5	32.5	32.4	32.8	33.1	33.1	32.6	32.6	32.6	32.6	1980	4.44	4.22	4.25	4.31	4.33	4.45	4.46	4.43	4.41	4.51	4.57	4.64	4.74
1981		32.5	32.6	32.6										1981		4.81	4.79	4.77									
SIC 70—HOTELS AND OTHER LODGING PLACES														ALL EMPLOYEES—IN THOUSANDS													
1977	956.1	863.0	873.3	899.0	931.9	956.9	1,013.2	1,063.5	1,075.9	1,003.2	955.3	926.1	912.2	1977	956.1	863.0	873.3	899.0	931.9	956.9	1,013.2	1,063.5	1,075.9	1,003.2	955.3	926.1	912.2
1978	988.0	881.8	897.8	917.0	943.5	979.3	1,037.0	1,100.7	1,116.6	1,042.7	995.2	972.8	971.6	1978	988.0	881.8	897.8	917.0	943.5	979.3	1,037.0	1,100.7	1,116.6	1,042.7	995.2	972.8	971.6
1979	1,059.8	962.2	975.8	1,008.8	1,041.1	1,073.4	1,119.6	1,170.7	1,174.3	1,104.1	1,055.9	1,024.1	1,007.4	1979	1,059.8	962.2	975.8	1,008.8	1,041.1	1,073.4	1,119.6	1,170.7	1,174.3	1,104.1	1,055.9	1,024.1	1,007.4
1980	1,092.0	989.9	1,003.1	1,034.4	1,081.9	1,113.7	1,158.3	1,210.4	1,218.6	1,151.4	1,083.1	1,038.3	1,020.6	1980	1,092.0	989.9	1,003.1	1,034.4	1,081.9	1,113.7	1,158.3	1,210.4	1,218.6	1,151.4	1,083.1	1,038.3	1,020.6
1981		993.9	999.6	1,023.6										1981		993.9	999.6	1,023.6									

See footnotes at end of tables.

SIC 701
SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 701—HOTELS, MOTELS, AND TOURIST COURTS (Con.)

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	31.2	30.9	30.8	30.7	30.7	31.1	31.3	32.3	32.1	31.1	31.5	30.7	30.3	1977	31.2	30.9	30.8	30.7	30.7	31.1	31.3	32.3	32.1	31.1	31.5	30.7	30.3
1978	31.3	30.8	30.9	31.1	31.4	30.9	31.3	32.4	32.2	31.2	31.6	30.8	30.4	1978	31.3	30.8	30.9	31.1	31.4	30.9	31.3	32.4	32.2	31.2	31.6	30.8	30.4
1979	31.0	30.1	30.7	30.9	31.0	30.6	31.3	32.1	31.9	31.3	30.8	30.5	30.3	1979	31.0	30.1	30.7	30.9	31.0	30.6	31.3	32.1	31.9	31.3	30.8	30.5	30.3
1980	30.5	29.8	30.1	30.8	30.4	30.7	31.2	31.1	31.3	30.4	30.4	30.3	29.5	1980	30.5	29.8	30.1	30.8	30.4	30.7	31.2	31.1	31.3	30.4	30.4	30.3	29.5
1981		29.6	30.4	30.4										1981		29.6	30.4	30.4									

SIC 72—PERSONAL SERVICES

ALL EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	888.1	875.5	873.9	880.3	886.3	890.0	894.8	886.1	883.0	888.0	895.8	900.1	903.9	1977	888.1	875.5	873.9	880.3	886.3	890.0	894.8	886.1	883.0	888.0	895.8	900.1	903.9
1978	910.4	898.3	899.5	908.0	908.4	914.2	911.9	904.5	900.6	913.1	918.3	920.6	927.8	1978	910.4	898.3	899.5	908.0	908.4	914.2	911.9	904.5	900.6	913.1	918.3	920.6	927.8
1979	904.0	919.4	926.4	934.0	940.7	938.8	934.5	883.6	879.8	887.5	893.1	895.5	894.1	1979	904.0	919.4	926.4	934.0	940.7	938.8	934.5	883.6	879.8	887.5	893.1	895.5	894.1
1980	897.3	913.9	914.3	918.3	919.7	890.6	889.4	883.8	877.8	880.8	887.8	894.8	896.9	1980	897.3	913.9	914.3	918.3	919.7	890.6	889.4	883.8	877.8	880.8	887.8	894.8	896.9
1981		894.7	902.8	902.3										1981		894.7	902.8	902.3									

WOMEN EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	588.8	578.0	579.5	583.6	586.0	589.0	591.0	585.4	582.8	590.5	598.0	599.4	602.3	1977	588.8	578.0	579.5	583.6	586.0	589.0	591.0	585.4	582.8	590.5	598.0	599.4	602.3
1978	608.1	596.0	595.8	604.5	604.1	609.8	608.3	601.5	600.7	612.4	617.2	620.3	627.1	1978	608.1	596.0	595.8	604.5	604.1	609.8	608.3	601.5	600.7	612.4	617.2	620.3	627.1
1979	610.2	618.7	625.8	636.0	640.8	606.4	601.7	593.9	592.0	599.5	601.6	603.4	602.0	1979	610.2	618.7	625.8	636.0	640.8	606.4	601.7	593.9	592.0	599.5	601.6	603.4	602.0
1980	614.2	615.1	624.2	628.3	630.7	611.2	607.5	604.8	601.0	604.6	610.5	615.9	616.4	1980	614.2	615.1	624.2	628.3	630.7	611.2	607.5	604.8	601.0	604.6	610.5	615.9	616.4
1981		613.1	621.0	620.9										1981		613.1	621.0	620.9									

SIC 721—LAUNDRY, CLEANING, AND GARMENT SERVICES

ALL EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	357.5	354.5	352.9	353.6	355.6	357.4	360.7	360.3	358.7	358.3	358.6	359.6	359.8	1977	357.5	354.5	352.9	353.6	355.6	357.4	360.7	360.3	358.7	358.3	358.6	359.6	359.8
1978	359.4	356.2	354.0	356.3	357.4	359.9	363.2	360.1	357.7	359.5	362.7	362.9	362.4	1978	359.4	356.2	354.0	356.3	357.4	359.9	363.2	360.1	357.7	359.5	362.7	362.9	362.4
1979	360.2	360.1	357.3	359.7	361.0	363.1	363.1	359.4	356.4	358.7	361.0	362.7	359.9	1979	360.2	360.1	357.3	359.7	361.0	363.1	363.1	359.4	356.4	358.7	361.0	362.7	359.9
1980	356.2	360.0	356.8	356.2	355.3	356.0	357.0	354.5	353.8	354.0	356.5	357.1	357.5	1980	356.2	360.0	356.8	356.2	355.3	356.0	357.0	354.5	353.8	354.0	356.5	357.1	357.5
1981		354.7	352.6	352.3										1981		354.7	352.6	352.3									

WOMEN EMPLOYEES—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	222.4	221.1	219.7	220.4	221.3	222.5	224.4	223.5	222.0	222.5	223.4	224.1	223.5	1977	222.4	221.1	219.7	220.4	221.3	222.5	224.4	223.5	222.0	222.5	223.4	224.1	223.5
1978	223.9	221.3	218.8	221.8	223.1	225.0	226.4	224.3	222.3	224.4	226.8	226.7	226.4	1978	223.9	221.3	218.8	221.8	223.1	225.0	226.4	224.3	222.3	224.4	226.8	226.7	226.4
1979	225.5	224.7	222.7	224.9	225.6	228.1	227.9	224.7	222.4	224.4	225.8	227.8	226.5	1979	225.5	224.7	222.7	224.9	225.6	228.1	227.9	224.7	222.4	224.4	225.8	227.8	226.5
1980	224.8	226.0	224.0	223.8	224.2	225.6	225.3	223.4	223.0	223.6	225.7	226.8	226.3	1980	224.8	226.0	224.0	223.8	224.2	225.6	225.3	223.4	223.0	223.6	225.7	226.8	226.3
1981		224.1	223.0	222.6										1981		224.1	223.0	222.6									

NONSUPERVISORY WORKERS—IN THOUSANDS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	319.3	318.2	316.7	316.1	318.2	320.0	321.6	320.8	319.5	319.7	320.1	320.4	320.4	1977	319.3	318.2	316.7	316.1	318.2	320.0	321.6	320.8	319.5	319.7	320.1	320.4	320.4
1978	320.4	317.5	315.4	317.4	318.0	320.8	323.7	321.9	319.7	320.9	323.2	323.4	322.5	1978	320.4	317.5	315.4	317.4	318.0	320.8	323.7	321.9	319.7	320.9	323.2	323.4	322.5
1979	320.9	320.2	317.4	320.1	320.9	323.5	324.1	320.8	317.5	319.9	322.2	323.3	321.4	1979	320.9	320.2	317.4	320.1	320.9	323.5	324.1	320.8	317.5	319.9	322.2	323.3	321.4
1980	318.2	321.0	318.2	317.6	317.3	318.0	318.8	317.2	316.2	316.3	318.7	318.9	319.7	1980	318.2	321.0	318.2	317.6	317.3	318.0	318.8	317.2	316.2	316.3	318.7	318.9	319.7
1981		316.9	315.1	314.3										1981		316.9	315.1	314.3									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1977	117.99	112.56	114.24	115.58	115.93	116.95	118.67	119.02	120.06	119.72	121.45	121.45	122.83	1977	117.99	112.56	114.24	115.58	115.93	116.95	118.67	119.02	120.06	119.72	121.45	121.45	122.83
1978	129.38	123.68	124.75	126.59	127.65	128.37	129.80	130.50	131.54	130.79	132.59	133.21	134.59	1978	129.38	123.68	124.75	126.59	127.65	128.37	129.80	130.50	131.54	130.79	132.59	133.21	134.59
1979	141.04	136.17	135.66	137.20	137.89	140.42	141.11	142.00	142.07	142.35	144.70	144.82	146.20	1979	141.04	136.17	135.66	137.20	137.89	140.42	141.11	142.00	142.07	142.35	144.70	144.82	146.20
1980	151.09	146.69	146.06	147.27	148.62	149.84	151.53	151.87	151.99	151.76	155.16	155.04	156.96	1980	151.09	146.69	146.06	147.27	148.62	149.84	151.53	151.87	151.99	151.76	155.16	155.04	156.96
1981		157.51	157.84	159.60										1981		157.51	157.84	159.60									

SIC 721—LAUNDRY, CLEANING, AND GARMENT SERVICES (Con.)

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	3.42	3.35	3.35	3.36	3.37	3.38	3.41	3.42	3.44	3.46	3.48	3.51	3.55	
1978	3.75	3.67	3.68	3.68	3.70	3.71	3.73	3.75	3.78	3.78	3.81	3.85	3.89	
1979	4.10	3.97	3.99	4.00	4.02	4.07	4.09	4.14	4.13	4.15	4.17	4.21	4.25	
1980	4.47	4.34	4.36	4.37	4.41	4.42	4.47	4.52	4.51	4.53	4.55	4.56	4.63	
1981		4.73	4.74	4.75										

SERVICES

SIC 732

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 726—FUNERAL SERVICE AND CREMATORIES

ALL EMPLOYEES—IN THOUSANDS													
1977	68.2	68.5	68.7	68.2	68.5	68.4	68.6	68.3	68.0	67.6	67.7	67.9	67.9
1978	68.0	68.0	68.6	68.3	68.1	68.4	67.8	68.2	68.1	68.0	67.5	67.6	67.8
1979	68.6	68.7	67.8	68.3	68.3	68.1	68.2	69.3	69.4	68.8	68.6	68.5	68.9
1980	69.5	69.2	68.1	68.3	68.8	69.4	70.4	70.3	69.7	69.1	69.7	70.1	71.4
1981		71.2	71.2	71.1									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	17.1	16.8	16.9	16.9	16.9	17.0	17.1	17.1	17.1	17.2	17.3	17.3	17.4
1978	17.6	17.4	17.9	17.7	17.6	17.7	17.7	17.7	17.7	17.5	17.6	17.5	17.6
1979	18.1	17.9	17.6	17.8	18.0	18.1	17.8	18.8	18.5	18.6	18.5	18.1	18.0
1980	19.0	18.9	18.2	18.9	18.7	19.3	19.4	19.0	19.1	18.8	19.0	19.0	19.1
1981		19.4	19.0	18.9									

SIC 73—BUSINESS SERVICES

ALL EMPLOYEES—IN THOUSANDS													
1977	2,357.2	2,239.3	2,243.6	2,264.6	2,283.1	2,313.3	2,341.1	2,365.1	2,394.8	2,427.3	2,450.1	2,474.4	2,489.8
1978	2,627.2	2,459.6	2,487.6	2,523.3	2,556.6	2,581.6	2,620.5	2,637.9	2,677.7	2,707.8	2,736.4	2,763.7	2,773.4
1979	2,905.9	2,737.3	2,752.3	2,789.8	2,797.0	2,863.2	2,917.6	2,920.8	2,958.1	2,997.1	3,039.3	3,041.5	3,056.7
1980	3,109.0	3,022.3	3,021.1	3,041.7	3,055.3	3,064.5	3,079.7	3,084.2	3,125.2	3,173.8	3,185.6	3,217.3	3,237.6
1981		3,206.4	3,200.4	3,218.3									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	967.8	906.5	910.6	929.1	928.0	944.9	963.5	970.1	986.0	999.6	1,010.0	1,024.9	1,039.8
1978	1,108.3	1,024.7	1,033.8	1,052.1	1,068.5	1,079.1	1,096.4	1,111.7	1,130.9	1,145.2	1,167.5	1,189.0	1,200.9
1979	1,249.4	1,182.9	1,175.6	1,193.7	1,194.9	1,223.5	1,244.4	1,249.5	1,270.7	1,293.8	1,316.9	1,317.5	1,329.1
1980	1,336.8	1,302.0	1,304.5	1,311.6	1,308.7	1,309.4	1,312.3	1,314.5	1,335.6	1,364.8	1,376.7	1,394.9	1,406.8
1981		1,400.0	1,387.0	1,401.5									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	2,050.6	1,944.5	1,948.2	1,967.4	1,986.0	2,015.1	2,037.7	2,054.9	2,083.0	2,110.1	2,134.1	2,156.4	2,170.2
1978	2,284.9	2,135.2	2,154.1	2,189.7	2,220.1	2,241.0	2,277.5	2,291.4	2,330.8	2,363.2	2,389.3	2,410.5	2,415.6
1979	2,527.0	2,375.8	2,389.3	2,423.2	2,423.5	2,487.3	2,538.1	2,538.1	2,571.0	2,611.3	2,652.5	2,649.8	2,664.6
1980	2,712.7	2,633.2	2,634.8	2,653.4	2,661.0	2,672.4	2,685.8	2,690.3	2,732.6	2,774.3	2,780.3	2,808.0	2,825.7
1981		2,797.8	2,792.3	2,809.9									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	158.40	153.97	155.76	154.96	155.95	157.59	160.17	160.17	159.51	158.42	160.06	159.74	162.68
1978	167.28	165.99	164.81	166.33	165.99	165.82	167.49	169.14	168.48	167.89	169.52	169.00	169.98
1979	178.32	170.66	172.27	173.99	175.07	175.18	177.89	180.84	180.51	180.28	180.05	182.56	187.44
1980	197.46	187.78	190.45	194.18	194.83	196.53	199.98	202.40	201.86	199.47	200.08	202.70	202.99
1981		205.71	209.26	212.83									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														
1977	4.80	4.68	4.72	4.71	4.74	4.79	4.81	4.81	4.79	4.83	4.88	4.87	4.90	
1978	5.10	5.03	5.04	5.01	5.03	5.04	5.06	5.11	5.09	5.15	5.20	5.20	5.23	
1979	5.47	5.30	5.35	5.37	5.42	5.39	5.44	5.48	5.47	5.53	5.54	5.60	5.68	
1980	6.02	5.76	5.86	5.92	5.94	6.01	6.06	6.06	6.08	6.10	6.10	6.18	6.17	
1981		6.31	6.38	6.43										

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	33.0	32.9	33.0	32.9	32.9	32.9	33.3	33.3	33.3	32.8	32.8	32.8	33.2
1978	32.8	33.0	32.7	33.2	33.0	32.9	33.1	33.1	33.1	32.6	32.6	32.5	32.5
1979	32.6	32.2	32.2	32.4	32.3	32.5	32.7	33.0	33.0	32.6	32.5	32.6	33.0
1980	32.8	32.6	32.5	32.8	32.8	32.7	33.0	33.4	33.2	32.7	32.8	32.8	32.9
1981		32.6	32.8	33.1									

SIC 731—ADVERTISING

ALL EMPLOYEES—IN THOUSANDS													
1977	131.5	126.5	128.3	128.8	131.0	130.7	132.1	132.7	132.4	132.6	133.3	134.3	134.7
1978	139.9	133.4	135.7	137.1	137.7	137.4	139.8	142.4	142.4	142.7	143.0	143.6	143.0
1979	145.9	135.1	143.0	143.4	143.7	144.8	146.8	147.6	147.7	147.9	149.6	150.4	151.2
1980	153.1	151.8	152.4	152.8	151.6	152.6	152.8	154.3	153.0	153.2	153.9	154.5	154.6
1981		154.6	155.4	155.5									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	56.9	54.8	55.7	55.5	56.3	56.0	56.9	56.9	57.4	57.6	58.0	58.4	58.9
1978	62.6	58.7	59.8	60.6	60.7	61.0	61.8	64.6	64.6	64.9	64.4	65.3	65.2
1979	67.3	61.0	65.7	65.9	65.8	66.4	67.3	67.8	68.4	69.2	69.6	70.3	70.3
1980	71.6	70.8	70.7	71.5	71.0	71.6	71.3	71.5	71.6	71.8	72.3	72.3	72.7
1981		73.0	73.7	74.2									

SIC 733
SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 733—MAILING, REPRODUCTION, STENOGRAPHIC														SIC 736—PERSONNEL SUPPLY SERVICES													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	92.6	89.1	88.1	91.9	91.1	88.8	91.6	89.9	91.9	95.7	97.3	97.6	98.5	1977	370.4	317.2	325.8	337.9	349.7	362.9	367.7	377.9	389.2	402.8	402.3	400.8	410.0
1978	104.8	99.2	100.8	101.9	103.2	102.7	101.5	102.6	103.9	107.8	110.2	113.6	110.7	1978	454.3	401.2	406.1	424.1	433.6	443.5	449.2	455.1	464.2	486.5	490.8	497.2	500.0
1979	113.3	108.8	108.0	111.0	111.7	112.2	113.2	112.1	113.1	114.3	116.9	119.1	119.6	1979	526.5	477.2	472.8	490.3	483.5	515.2	531.0	531.8	545.8	561.1	576.0	560.1	573.4
1980	120.4	117.4	118.6	117.8	118.9	117.3	119.3	118.0	119.7	121.8	124.5	125.2	125.8	1980	564.4	543.5	543.0	557.9	551.4	548.4	534.2	534.9	567.0	597.7	589.9	596.7	608.7
1981		123.8	124.5	127.2										1981		593.9	567.6	582.6									
WOMEN EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	43.3	41.2	40.9	42.6	42.7	40.9	42.3	41.2	43.1	45.5	46.3	45.6	46.8	1977	213.6	186.1	188.9	195.4	199.0	209.5	215.8	218.4	225.7	229.2	228.6	228.5	237.8
1978	50.6	47.1	48.7	48.7	49.6	49.0	47.8	48.8	50.0	52.5	54.0	56.8	54.2	1978	261.0	232.2	230.2	240.2	247.1	251.2	254.5	260.7	268.6	275.7	283.0	291.2	296.9
1979	54.8	53.7	53.1	54.6	53.4	53.9	53.6	53.7	53.5	55.4	56.7	58.3	58.1	1979	308.5	290.3	277.7	288.3	285.1	299.5	305.0	306.7	316.2	325.2	335.0	329.1	343.8
1980	59.3	56.7	57.8	57.4	58.8	57.4	58.3	57.5	59.3	61.0	62.5	62.4	62.4	1980	340.1	328.5	328.4	334.7	327.5	331.1	320.3	320.9	340.9	356.3	353.8	363.1	375.3
1981		61.0	61.4	62.9										1981		373.2	352.8	357.9									
SIC 734—SERVICES TO BUILDINGS														SIC 737—COMPUTER AND DATA PROCESSING SERVICES													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	422.3	412.9	409.4	414.2	415.9	419.0	422.5	422.0	422.5	427.7	430.6	433.3	437.3	1977	186.6	171.8	173.5	176.0	177.7	181.0	184.6	188.2	191.8	194.5	197.6	200.1	202.6
1978	451.7	431.5	432.4	438.3	445.7	451.9	458.6	458.6	462.9	460.1	460.3	460.0	459.8	1978	223.8	206.3	211.1	212.9	214.0	215.3	219.6	225.8	228.3	230.8	235.7	240.2	245.7
1979	487.0	464.3	461.3	470.6	472.7	482.8	497.6	492.8	497.9	500.5	501.6	501.2	500.6	1979	270.8	249.5	253.5	257.0	261.4	263.9	268.6	273.1	275.8	278.6	284.3	290.7	293.5
1980	495.8	497.5	489.3	495.0	497.9	497.8	501.0	498.6	493.2	493.3	496.3	493.7	496.2	1980	306.7	292.8	297.1	295.5	300.4	301.9	305.6	308.3	310.2	311.8	315.6	318.9	322.0
1981		495.3	500.1	503.6										1981		325.9	331.8	333.7									
WOMEN EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	145.0	143.9	140.9	143.2	139.2	142.3	143.7	143.0	145.3	146.0	148.8	151.5	152.3	1977	87.7	82.7	83.5	84.8	85.4	85.5	86.7	86.9	88.6	90.2	92.0	92.8	93.6
1978	159.1	149.2	149.7	151.1	153.7	156.0	160.6	161.6	164.6	165.1	166.5	166.5	166.3	1978	104.3	96.9	98.5	99.1	99.7	100.0	101.6	104.5	105.2	107.0	110.1	113.0	115.8
1979	177.7	169.2	166.9	167.6	170.3	173.3	178.2	176.3	183.1	187.4	186.8	186.7	186.5	1979	128.0	118.5	120.0	121.0	123.1	124.6	125.9	128.4	129.1	131.4	134.9	139.6	139.4
1980	184.6	182.1	181.6	183.1	183.6	183.1	185.4	184.5	184.7	185.7	187.0	186.2	187.9	1980	142.5	139.3	141.3	138.7	141.1	138.6	141.1	141.9	141.3	142.6	145.8	147.9	150.4
1981		186.0	189.3	191.3										1981		152.8	158.1	158.6									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	379.6	371.2	367.4	372.3	374.3	376.9	379.5	379.2	379.8	384.6	386.3	390.1	393.4	1977	153.1	142.5	143.5	145.6	146.4	148.5	151.5	153.6	156.7	158.6	161.3	163.3	165.7
1978	405.4	386.6	386.9	391.6	399.2	405.2	412.6	412.0	416.1	413.9	413.7	413.3	413.8	1978	183.3	169.5	173.3	175.1	175.3	174.7	179.2	185.1	186.4	188.4	193.7	197.3	201.5
1979	439.5	415.5	414.2	422.8	425.5	434.4	450.2	445.5	450.1	453.6	454.5	454.1	453.5	1979	223.1	204.9	208.0	211.3	214.8	216.6	221.1	224.9	227.3	229.6	235.1	240.5	242.9
1980	449.7	451.3	443.7	448.5	451.4	451.4	454.9	453.2	449.8	447.3	450.1	446.1	448.3	1980	255.6	242.9	247.1	245.0	249.5	250.2	255.1	257.4	259.7	261.1	263.7	266.7	269.0
1981		447.4	451.6	455.8										1981		272.8	278.9	280.5									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	118.85	116.58	115.42	116.58	116.85	118.98	122.41	122.27	120.56	118.44	121.12	119.14	118.44	1977	197.90	190.18	196.56	197.63	197.40	199.02	199.28	197.16	195.94	198.18	200.93	200.56	203.50
1978	123.27	123.08	118.15	123.67	123.95	124.76	123.60	124.65	122.82	121.95	125.12	124.22	124.49	1978	211.39	203.87	202.40	204.98	205.90	202.94	211.07	213.81	213.49	216.22	220.10	216.22	218.04
1979	128.66	124.35	125.35	127.03	126.16	127.96	128.51	130.97	129.60	128.18	128.31	130.62	133.38	1979	231.78	219.25	217.68	223.86	226.07	226.15	232.21	236.06	235.52	238.63	239.81	238.56	245.59
1980	141.86	136.18	137.27	136.77	136.40	140.76	144.84	146.40	146.20	142.78	144.67	144.10	144.35	1980	260.62	249.25	248.40	256.96	254.51	252.05	258.84	263.15	262.81	266.08	266.09	271.58	274.91
1981		145.24	145.53	149.06										1981		275.26	275.63	281.55									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	4.17	4.02	3.98	4.02	4.10	4.16	4.28	4.29	4.23	4.20	4.28	4.24	4.20	1977	5.32	5.14	5.20	5.16	5.25	5.35	5.30	5.30	5.31	5.40	5.46	5.45	5.50
1978	4.45	4.38	4.25	4.37	4.38	4.44	4.43	4.50	4.45	4.50	4.60	4.55	4.56	1978	5.76	5.54	5.53	5.54	5.58	5.56	5.72	5.81	5.77	5.94	6.03	5.94	5.99
1979	4.73	4.64	4.66	4.74	4.69	4.67	4.69	4.78	4.73	4.73	4.70	4.82	4.85	1979	6.35	6.04	6.03	6.15	6.16	6.23	6.31	6.38	6.40	6.52	6.57	6.59	6.71
1980	5.14	4.97	5.01	5.01	4.96	5.10	5.21	5.21	5.24	5.23	5.28	5.24	5.23	1980	7.16	6.81	6.90	7.04	7.05	7.08	7.17	7.19	7.22	7.31	7.29	7.34	7.41
1981		5.32	5.37	5.48										1981		7.48	7.49	7.63									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	28.5	29.0	29.0	29.0	28.5	28.6	28.6	28.5	28.5	28.2	28.3	28.1	28.2	1977	37.2	37.0	37.8	38.3	37.6	37.2	37.6	36.9	36.7	36.8	36.8	36.8	37.0
1978	27.7	28.1	27.8	28.3	28.3	28.1	27.9	27.7	27.6	27.1	27.2	27.3	27.3	1978	36.7	36.8	36.6	37.0	36.9	36.5	36.9	36.8	37.0	36.4	36.5	36.4	36.4
1979	27.2	26.8	26.9	26.8	26.9	27.4	27.4	27.4	27.4	27.1	27.3	27.1	27.5	1979	36.5	36.3	36.1	36.4	36.7	36.3	36.8	37.0	36.8	36.6	36.5	36.2	36.6
1980	27.6	27.4	27.4	27.3	27.5	27.6	27.8	28.1	27.9	27.3	27.4	27.5	27.6	1980	36.4	36.6	36.0	36.5	36.1	35.6	36.1	36.6	36.4	36.4	36.5	37.0	37.1
1981		27.3	27.1	27.2										1981		36.8	36.8	36.9									

SERVICES

SIC 76

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 75—AUTO REPAIR, SERVICES, AND GARAGES														SIC 753—AUTOMOTIVE REPAIR SHOPS (Con.)													
ALL EMPLOYEES—IN THOUSANDS														NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	497.7	473.4	476.7	485.5	488.8	489.4	497.5	499.4	503.2	506.5	512.4	518.1	521.5	1977	261.0	244.9	245.6	252.3	254.9	257.2	261.9	265.5	269.8	267.6	270.2	271.2	271.1
1978	549.2	515.2	525.5	536.3	543.2	544.7	554.7	552.0	556.4	560.2	565.6	565.4	571.6	1978	291.8	271.5	275.0	279.0	285.4	288.9	296.7	298.6	300.1	301.5	304.0	299.3	302.0
1979	575.1	563.5	571.7	582.9	578.8	580.1	579.4	577.5	570.0	571.4	575.3	574.0	576.2	1979	303.4	300.4	300.9	306.5	305.0	305.1	305.8	306.9	301.8	302.9	303.8	301.0	300.2
1980	572.5	571.6	573.8	579.0	576.9	574.1	576.3	571.6	568.2	570.0	567.5	571.6	569.7	1980	297.6	296.5	295.5	298.0	297.5	295.2	300.1	299.7	298.5	298.2	297.5	298.2	296.0
1981		571.5	571.0	574.9										1981		296.2	294.2	296.2									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	77.1	71.5	72.2	74.2	74.5	75.8	77.1	77.8	78.1	79.2	80.2	82.2	81.9	1977	196.67	189.05	193.55	192.86	194.50	195.39	195.89	195.78	195.11	197.22	200.31	202.52	206.56
1978	89.6	83.8	83.9	86.1	88.0	88.8	90.2	89.4	90.3	92.3	94.0	94.5	94.1	1978	211.92	202.67	202.65	208.15	212.12	208.65	214.63	212.46	215.72	213.95	213.46	217.28	217.88
1979	95.5	92.8	94.3	96.8	96.8	96.0	95.8	97.6	94.4	94.8	95.3	96.6	94.4	1979	231.08	219.84	218.69	225.20	226.51	230.49	232.06	229.90	238.20	234.35	240.34	239.46	242.11
1980	96.0	95.1	95.6	97.0	97.5	96.1	96.6	94.7	94.7	95.1	96.1	96.6	96.5	1980	253.63	246.38	248.18	245.38	249.74	252.59	252.85	254.28	258.45	257.13	256.23	260.13	260.24
1981		97.1	95.6	97.0										1981		262.68	261.03	263.35									
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	428.1	406.7	409.5	417.1	420.2	421.4	427.6	430.2	433.5	434.5	441.3	445.7	449.0	1977	5.03	4.86	4.95	4.92	5.00	5.01	5.01	5.02	4.99	5.07	5.11	5.14	5.19
1978	472.2	442.9	452.7	461.5	467.3	467.4	476.6	474.4	477.5	481.7	486.2	486.3	492.2	1978	5.42	5.21	5.25	5.31	5.37	5.35	5.42	5.42	5.42	5.50	5.53	5.60	5.63
1979	492.1	483.6	490.5	501.3	495.7	496.0	495.1	492.9	485.5	489.0	492.1	491.2	492.7	1979	5.91	5.71	5.71	5.63	5.72	5.85	5.92	5.91	6.00	6.04	6.10	6.14	6.24
1980	489.0	489.0	491.4	495.2	494.5	490.2	492.2	486.3	484.7	486.1	484.7	488.0	485.7	1980	6.52	6.35	6.38	6.39	6.42	6.46	6.50	6.52	6.61	6.61	6.57	6.67	6.69
1981		486.3	486.4	489.3										1981		6.77	6.78	6.77									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	172.41	166.73	169.27	167.85	169.34	170.92	172.04	173.25	173.71	172.32	175.21	176.43	179.04	1977	39.1	38.9	39.1	39.2	38.9	39.0	39.1	39.0	39.1	38.9	39.2	39.4	39.8
1978	188.12	179.45	180.19	183.63	186.50	185.63	189.76	191.52	192.91	189.95	190.46	191.29	194.03	1978	39.1	38.9	38.6	39.2	39.5	39.0	39.6	39.2	39.8	38.9	38.6	38.8	38.7
1979	209.63	197.42	195.81	202.07	205.30	207.94	211.50	211.68	217.54	214.32	218.68	217.09	220.13	1979	39.1	38.5	38.3	40.0	39.6	39.4	39.2	39.9	39.7	38.8	39.4	39.0	38.8
1980	228.75	222.60	222.00	220.33	223.48	225.43	228.61	232.41	234.55	232.85	231.95	235.60	235.98	1980	38.9	38.8	38.9	38.4	38.9	39.1	38.9	39.0	39.1	38.9	39.0	39.0	38.9
1981		237.25	233.87	236.76										1981		38.8	38.5	38.9									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 76—MISCELLANEOUS REPAIR SERVICES													
1977	4.61	4.47	4.49	4.50	4.54	4.57	4.60	4.62	4.62	4.67	4.71	4.73	4.80	ALL EMPLOYEES—IN THOUSANDS													
1978	5.03	4.85	4.87	4.91	4.96	4.99	5.02	5.04	5.05	5.12	5.12	5.17	5.23	1977	240.7	229.1	229.8	232.5	232.6	236.9	239.6	240.6	243.8	247.9	251.0	251.4	253.1
1979	5.59	5.35	5.35	5.36	5.46	5.56	5.61	5.60	5.68	5.70	5.77	5.82	5.87	1978	261.4	251.8	252.3	255.4	258.3	259.3	264.4	261.5	261.6	262.8	266.5	268.9	273.8
1980	6.10	6.00	6.00	6.02	6.04	6.06	6.08	6.10	6.14	6.16	6.12	6.20	6.21	1979	281.8	272.8	276.5	280.3	278.9	278.8	283.1	282.3	281.6	284.0	284.7	288.1	290.5
1981		6.26	6.27	6.28										1980	288.7	288.0	287.4	290.2	287.0	284.5	285.9	284.4	288.3	287.1	293.9	292.7	294.8
														1981		291.5	291.6	292.1									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	37.4	37.3	37.7	37.3	37.3	37.4	37.4	37.5	37.6	36.9	37.2	37.3	37.3	1977	43.0	39.8	40.3	40.1	40.0	41.6	41.7	43.1	43.9	44.8	45.6	46.8	48.1
1978	37.4	37.0	37.0	37.4	37.6	37.2	37.8	38.0	38.2	37.1	37.2	37.0	37.1	1978	49.6	46.5	46.1	47.3	47.9	48.4	49.7	49.1	49.5	50.6	51.9	53.3	55.1
1979	37.5	36.9	36.6	37.7	37.6	37.4	37.7	37.8	38.3	37.6	37.9	37.3	37.5	1979	57.1	55.0	55.2	57.1	56.1	55.9	57.2	57.3	57.3	58.0	58.7	57.9	59.2
1980	37.5	37.1	37.0	36.6	37.0	37.2	37.6	38.1	38.2	37.8	37.9	38.0	38.0	1980	59.1	58.7	59.1	59.9	59.7	58.8	58.5	58.2	58.1	58.1	59.8	59.6	60.8
1981		37.9	37.3	37.7										1981		60.3	59.3	58.5									
SIC 753—AUTOMOTIVE REPAIR SHOPS														ALL EMPLOYEES—IN THOUSANDS													
1977	307.1	288.7	289.5	297.4	300.4	302.9	308.7	311.6	316.2	315.3	317.0	318.7	318.9	NONSUPERVISORY WORKERS—IN THOUSANDS													
1978	341.6	318.4	322.4	327.1	334.4	338.6	347.5	348.9	351.3	352.0	355.5	350.0	352.8	1977	208.3	199.2	199.6	201.9	202.2	205.0	207.6	208.4	210.0	213.1	216.4	217.0	218.7
1979	356.0	351.4	352.6	358.0	357.1	357.8	359.2	360.7	355.7	355.8	357.2	353.8	352.7	1978	224.0	216.9	216.3	219.6	222.0	222.2	226.7	224.1	223.4	224.3	227.7	230.1	234.2
1980	349.9	348.6	347.2	350.9	349.9	348.2	352.8	352.7	350.9	350.5	349.1	350.6	347.8	1979	242.0	233.2	236.8	239.5	240.0	239.3	242.8	242.8	242.0	243.8	244.6	248.4	250.2
1981		349.3	346.8	349.8										1980	243.9	248.4	247.0	249.3	246.0	243.8	245.6	244.1	235.8	235.4	243.3	242.5	245.5
														1981		242.8	242.8	243.9									
WOMEN EMPLOYEES—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	36.2	34.2	34.1	35.0	35.0	36.0	36.6	37.1	37.3	36.7	37.0	37.9	37.2	1977	230.85	219.78	224.62	226.59	227.05	232.72	233.21	232.56	232.30	234.09	236.52	231.24	236.70
1978	40.5	37.4	37.2	38.4	39.0	40.8	41.6	40.9	41.3	42.5	43.2	41.9	41.3	1978	244.62	236.00	233.24	238.98	238.39	242.40	244.17	243.21	246.02	251.32	252.56	253.79	255.65
1979	42.5	40.9	41.7	42.8	43.5	43.2	43.2	45.2	42.3	41.9	42.2	42.2	40.7	1979	256.48	252.53	248.00	254.20	247.50	252.40	253.89	257.92	259.61	260.29	260.29	263.20	266.12
1980	41.9	41.4	41.0	41.9	42.7	42.1	42.4	41.5	41.7	41.4	42.1	42.3	42.2	1980	276.61	262.08	263.98	269.56	264.32	273.43	270.48	276.50	290.78	291.40	289.17	283.29	286.44
1981		42.4	41.9	43.1										1981		292.11	286.46	289.14									

SIC 76
SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 76—MISCELLANEOUS REPAIR SERVICES (Con.)

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.70	5.55	5.56	5.54	5.62	5.69	5.73	5.70	5.75	5.78	5.84	5.81	5.83
1978	6.04	5.90	5.89	5.93	5.93	6.00	5.97	6.05	6.12	6.10	6.16	6.19	6.19
1979	6.38	6.22	6.20	6.20	6.25	6.31	6.30	6.40	6.41	6.54	6.54	6.58	6.62
1980	6.95	6.72	6.70	6.79	6.76	6.87	6.90	7.00	6.99	7.09	7.14	7.19	7.27
1981		7.49	7.46	7.51									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	40.5	39.6	40.4	40.9	40.4	40.9	40.7	40.8	40.4	40.5	40.5	39.8	40.6
1978	40.5	40.0	39.6	40.3	40.2	40.4	40.9	40.2	40.2	41.2	41.0	41.0	41.3
1979	40.2	40.6	40.0	41.0	39.6	40.0	40.3	40.3	40.5	39.8	39.8	40.0	40.2
1980	39.8	39.0	39.4	39.7	39.1	39.8	39.2	39.5	41.6	41.1	40.5	39.4	39.4
1981		39.0	38.4	38.5									

SIC 78—MOTION PICTURES

ALL EMPLOYEES—IN THOUSANDS													
1977	214.0	197.9	196.3	203.8	204.6	207.4	221.6	229.9	238.4	225.7	217.0	213.0	212.7
1978	213.1	197.5	195.6	201.5	207.1	207.4	217.2	228.7	234.3	225.5	215.8	214.8	211.2
1979	227.6	215.3	218.3	222.0	225.4	221.9	227.9	237.4	239.4	234.3	227.5	229.7	232.3
1980	216.0	222.4	215.3	222.9	221.6	221.4	232.9	236.9	210.1	199.5	198.0	202.4	209.1
1981		202.1	205.0	207.3									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	77.8	72.0	71.1	74.5	74.7	76.3	81.0	84.2	86.9	82.3	77.8	76.7	76.0
1978	79.3	71.8	71.3	74.7	77.3	77.9	81.3	85.5	87.4	84.1	80.4	79.8	79.5
1979	84.5	79.1	79.2	81.1	84.7	85.8	87.7	89.2	89.9	87.0	83.1	83.2	83.9
1980	81.6	80.0	78.3	80.7	84.4	83.9	88.3	91.0	83.1	79.0	75.6	77.1	78.3
1981		80.9	80.9	82.4									

NONSUPERVISORY WORKERS—IN THOUSANDS														
1977	188.9	173.4	172.5	177.7	180.3	183.3	196.5	204.6	212.4	199.3	190.8	188.4	187.4	
1978	187.5	172.7	171.1	176.6	181.8	182.6	192.0	202.7	206.0	197.9	190.5	189.2	186.8	
1979	203.3	190.3	193.9	198.1	202.3	199.7	204.1	213.3	214.4	209.0	202.9	204.7	206.6	
1980	190.1	195.4	188.5	195.2	194.0	194.6	204.8	211.0	186.8	176.4	173.8	177.7	182.8	
1981		172.0	173.3	177.5										

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
1977	158.98	139.24	145.29	142.61	136.28	138.92	148.72	164.70	175.82	172.80	181.07	177.16	176.87
1978	187.35	189.87	187.63	181.07	177.28	173.96	175.46	183.71	188.51	188.44	206.18	200.76	197.62
1979	211.00	204.89	213.57	220.83	205.09	172.49	182.88	191.90	205.77	212.52	222.92	243.95	257.04
1980	217.72	252.77	249.64	256.38	217.62	199.19	206.06	200.36	177.55	169.83	195.45	232.10	251.35
1981		250.13	251.06	248.24									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	5.52	4.92	5.08	5.13	4.92	5.07	5.20	5.49	5.69	6.00	6.18	6.13	6.12
1978	6.62	6.57	6.47	6.49	6.40	6.28	6.20	6.27	6.39	6.73	7.39	7.17	7.16
1979	7.59	7.37	7.71	8.03	7.54	6.66	6.65	6.64	7.12	7.70	7.99	8.50	9.18
1980	7.86	9.06	8.79	8.78	7.80	7.35	7.23	7.03	6.48	6.66	7.46	8.44	9.14
1981		9.03	8.84	9.06									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	28.8	28.3	28.6	27.8	27.7	27.4	28.6	30.0	30.9	28.8	29.3	28.9	28.9
1978	28.3	28.9	29.0	27.9	27.7	27.7	28.3	29.3	29.5	28.0	27.9	28.0	27.6
1979	27.8	27.8	27.7	27.5	27.2	25.9	27.5	28.9	28.9	27.6	27.9	28.7	28.0
1980	27.7	27.9	28.4	29.2	27.9	27.1	28.5	28.5	27.4	25.5	26.2	27.5	27.5
1981		27.7	28.4	27.4									

SIC 781—MOTION PICTURE PRODUCTION AND SERVICES

ALL EMPLOYEES—IN THOUSANDS													
1977	78.2	69.9	69.2	72.5	66.0	67.1	75.2	81.9	91.0	85.2	85.7	85.7	88.4
1978	79.1	75.6	74.3	75.7	71.5	69.1	73.7	79.9	85.2	83.5	85.8	87.9	86.4
1979	89.0	87.9	91.3	92.3	85.7	76.6	78.8	83.7	87.3	90.9	93.2	99.2	101.5
1980	79.1	96.8	92.7	94.5	84.0	78.3	83.4	83.0	58.4	56.2	65.5	74.5	81.4
1981		76.6	80.5	80.7									

SIC 801

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SIC 801

SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 801—OFFICES OF PHYSICIANS (Con.)														SIC 805—NURSING AND PERSONAL CARE FACILITIES													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	4.59	4.40	4.43	4.49	4.54	4.57	4.56	4.59	4.60	4.71	4.72	4.70	4.78	1977	860.0	835.4	836.1	840.9	840.6	848.2	864.8	868.3	874.7	874.9	876.0	878.3	881.3
1978	4.98	4.80	4.84	4.91	4.96	4.89	4.89	4.99	4.96	5.09	5.10	5.11	5.21	1978	910.6	885.2	887.4	891.7	898.5	903.0	916.6	920.7	926.9	923.0	922.5	925.2	926.2
1979	5.38	5.22	5.28	5.26	5.33	5.30	5.31	5.39	5.35	5.52	5.46	5.53	5.63	1979	950.8	929.8	929.5	933.2	937.8	941.8	958.7	960.2	965.9	961.9	960.1	963.4	967.6
1980	5.90	5.64	5.71	5.77	5.70	5.79	5.87	5.86	5.97	5.97	6.05	6.18	6.20	1980	1,002.7	977.7	978.1	981.2	986.2	994.1	1,007.5	1,010.4	1,018.4	1,013.3	1,018.7	1,022.3	1,024.0
1981		6.29	6.39	6.41										1981		1,027.7	1,029.1	1,033.6									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	33.5	33.5	33.7	33.4	33.4	33.3	34.0	33.9	33.4	33.4	33.5	33.1	33.0	1977	761.9	740.7	740.3	744.7	744.1	751.2	765.3	768.3	774.3	776.1	777.4	778.7	781.9
1978	33.1	32.8	32.7	32.7	33.3	33.5	33.3	33.3	33.2	33.3	33.1	33.4	33.0	1978	809.8	786.2	787.5	793.3	799.7	802.8	815.0	817.6	823.6	821.5	821.9	824.2	823.9
1979	32.6	32.7	32.8	32.9	32.6	32.8	32.8	32.7	32.6	32.3	32.3	32.5	32.4	1979	848.0	827.6	826.2	830.0	835.9	840.2	855.5	856.7	861.8	859.2	857.9	861.3	864.1
1980	32.4	32.4	32.4	31.9	32.1	32.0	32.4	32.5	32.4	32.5	32.8	32.5	32.8	1980	894.2	873.1	873.3	876.7	880.4	887.2	898.0	900.9	906.8	903.4	907.4	910.7	911.9
1981		32.7	32.5	32.5										1981		913.8	914.9	918.0									
SIC 802—OFFICES OF DENTISTS														NONSUPERVISORY WORKERS—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														1977	780.8	759.6	761.6	765.0	764.1	771.2	786.0	788.7	793.6	793.8	794.3	794.7	796.8
1977	286.6	275.8	277.5	279.5	283.2	287.6	289.2	287.1	289.8	291.5	290.2	292.6	294.8	1978	822.0	800.3	802.9	805.1	811.3	814.5	827.1	832.3	837.5	833.2	831.7	833.5	834.5
1978	302.3	294.6	294.2	298.3	301.0	301.2	303.0	302.2	301.7	304.6	304.6	309.6	312.1	1979	855.4	837.6	837.1	841.1	842.2	845.6	861.8	863.3	869.7	864.3	863.3	867.1	871.4
1979	322.0	312.6	313.5	317.0	319.3	322.0	326.3	321.0	323.6	324.1	326.7	327.3	330.4	1980	903.1	879.8	880.0	882.0	886.0	894.5	907.9	910.6	918.4	912.8	918.5	922.2	924.7
1980	340.2	335.7	336.4	335.8	335.0	338.6	340.2	340.1	340.2	343.6	340.4	346.6	350.2	1981		927.4	928.7	933.8									
1981		345.9	346.2	350.9										NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS													
WOMEN EMPLOYEES—IN THOUSANDS														1977	101.37	100.13	100.78	99.18	99.79	100.43	101.06	103.98	101.71	102.30	102.94	101.97	103.23
1977	246.8	237.7	241.1	241.8	244.4	247.2	248.3	246.2	249.2	250.8	249.9	251.6	252.8	1978	111.38	108.96	107.84	109.16	109.47	109.03	111.12	115.24	112.05	111.91	112.53	112.84	113.46
1978	258.6	253.0	252.4	255.8	257.4	257.3	258.4	258.0	257.4	260.3	260.6	264.6	268.0	1979	119.35	118.42	117.35	116.66	118.18	116.66	118.11	122.36	119.35	120.98	119.42	121.52	121.44
1979	275.2	267.9	268.2	270.7	272.8	275.8	279.1	274.5	276.5	277.3	278.0	279.6	281.5	1980	128.85	125.36	124.75	125.15	126.90	127.20	129.17	131.67	129.16	131.13	129.86	130.71	132.25
1980	290.2	285.9	287.3	286.3	286.3	288.3	290.7	289.2	290.5	293.9	291.2	295.9	297.3	1981		138.26	138.26	138.26									
1981		295.8	296.0	300.7										NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
NONSUPERVISORY WORKERS—IN THOUSANDS														1977	3.27	3.23	3.23	3.22	3.24	3.25	3.26	3.28	3.26	3.30	3.31	3.30	3.33
1977	255.5	247.7	249.6	251.4	252.6	256.8	257.9	255.0	258.3	259.5	257.8	259.1	260.4	1978	3.57	3.47	3.49	3.51	3.52	3.54	3.55	3.59	3.58	3.61	3.63	3.64	3.66
1978	263.6	259.6	259.3	263.3	264.2	262.3	262.8	260.6	261.1	264.5	264.1	269.3	272.5	1979	3.85	3.82	3.81	3.80	3.80	3.80	3.81	3.86	3.85	3.89	3.89	3.92	3.93
1979	280.0	272.2	273.1	276.3	278.7	281.8	286.0	280.4	280.7	280.0	282.4	283.0	285.3	1980	4.17	4.07	4.09	4.09	4.12	4.13	4.14	4.18	4.18	4.23	4.23	4.23	4.28
1980	296.3	290.1	291.9	291.3	291.9	294.0	296.4	296.1	296.9	300.4	298.0	303.2	305.1	1981		4.46	4.46	4.46									
1981		303.0	302.9	307.1										NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1977	31.0	31.0	31.2	30.8	30.8	30.9	31.0	31.7	31.2	31.0	31.1	31.0	31.0
1977	127.68	125.57	124.96	126.13	123.82	125.09	125.40	127.27	127.97	130.07	132.31	132.31	134.21	1978	31.2	31.4	30.9	31.1	31.1	30.8	31.3	32.1	31.3	31.0	31.0	31.0	31.0
1978	136.30	134.99	133.38	135.28	137.24	134.32	138.23	136.88	137.47	136.25	138.36	137.53	137.09	1979	31.0	31.0	30.8	30.7	31.1	30.7	31.0	31.7	31.0	31.1	30.7	31.0	30.9
1979	148.55	142.64	146.16	147.83	149.64	147.97	148.61	148.55	148.90	150.45	149.12	151.67	151.61	1980	30.9	30.8	30.5	30.6	30.8	30.8	31.2	31.5	30.9	31.0	30.7	30.9	30.9
1980	162.14	152.93	156.80	157.72	158.34	161.80	163.29	161.87	163.57	162.73	167.02	170.21	169.29	1981		31.0	31.0	31.0									
1981		176.03	174.75	175.89										SIC 806—HOSPITALS													
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														ALL EMPLOYEES—IN THOUSANDS													
1977	4.48	4.36	4.40	4.41	4.36	4.42	4.40	4.45	4.49	4.58	4.61	4.61	4.66	1977	2,465.2	2,418.3	2,428.2	2,438.4	2,441.6	2,447.1	2,472.4	2,483.8	2,485.8	2,481.7	2,492.1	2,496.8	2,496.3
1978	4.70	4.72	4.68	4.73	4.70	4.68	4.75	4.72	4.66	4.65	4.69	4.71	4.76	1978	2,538.2	2,505.3	2,515.0	2,525.1	2,525.5	2,524.2	2,548.5	2,555.0	2,552.7	2,546.5	2,550.4	2,556.6	2,554.0
1979	5.14	4.97	5.04	5.08	5.16	5.12	5.16	5.14	5.17	5.17	5.16	5.23	5.21	1979	2,608.4	2,556.2	2,567.0	2,570.6	2,572.6	2,577.9	2,611.4	2,625.2	2,630.6	2,630.4	2,642.6	2,655.0	2,661.4
1980	5.63	5.31	5.37	5.42	5.46	5.56	5.65	5.64	5.66	5.73	5.84	5.91	5.94	1980	2,744.9	2,672.2	2,690.9	2,697.9	2,704.0	2,714.2	2,750.0	2,769.9	2,775.2	2,773.5	2,788.8	2,799.5	2,803.0
1981		6.07	6.11	6.15										1981		2,815.9	2,829.4	2,840.7									
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														WOMEN EMPLOYEES—IN THOUSANDS													
1977	28.5	28.8	28.4	28.6	28.4	28.3	28.5	28.6	28.5	28.4	28.7	28.7	28.8	1977	1,978.7	1,937.8	1,945.6	1,955.0	1,959.0	1,962.6	1,981.9	1,991.3	1,992.7	1,995.3	2,004.9	2,009.6	2,008.5
1978	28.0	28.6	28.5	28.6	28.6	28.7	28.9	29.1	29.0	29.5	29.3	29.5	29.2	1978	2,042.7	2,016.1	2,024.3	2,032.4	2,033.7	2,032.9	2,049.7	2,052.4	2,049.8	2,049.7	2,053.5	2,060.5	2,056.8
1979	28.9	28.7	29.0	29.1	29.0	28.9	28.8	28.9	28.8	29.1	28.9	29.0	29.1	1979	2,103.7	2,058.8	2,067.6	2,071.3	2,073.3	2,076.9	2,104.5	2,114.9	2,119.7	2,124.1	2,136.0	2,146.5	2,151.3
1980	28.8	28.8	29.2	29.1	29.0	29.1	28.9	28.7	28.9	28.4	28.6	28.8	28.5	1980	2,218.0	2,158.8	2,174.9	2,179.7	2,184.9	2,192.6	2,221.5	2,237.1	2,241.5	2,242.2	2,255.0	2,263.5	2,264.4
1981		29.0	28.6											1981		2,275.3	2,286.1	2,297.0									

SERVICES

SIC 822

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
SIC 806—HOSPITALS (Con.)														SIC 81—LEGAL SERVICES (Con.)													
NONSUPERVISORY WORKERS—IN THOUSANDS														NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS													
1977	2,236.2	2,186.9	2,197.1	2,208.4	2,211.2	2,218.0	2,242.4	2,254.4	2,257.9	2,253.2	2,264.4	2,269.8	2,270.6	1977	5.82	5.74	5.77	5.77	5.78	5.83	5.69	5.78	5.73	5.85	5.94	5.93	5.99
1978	2,315.7	2,281.4	2,293.1	2,302.5	2,304.1	2,302.4	2,325.6	2,332.8	2,330.5	2,323.6	2,326.6	2,332.9	2,333.4	1978	6.27	6.12	6.10	6.09	6.25	6.15	6.22	6.37	6.27	6.32	6.47	6.42	6.44
1979	2,382.0	2,334.3	2,344.5	2,347.2	2,348.8	2,352.0	2,382.3	2,394.2	2,401.6	2,402.1	2,415.3	2,426.9	2,434.9	1979	6.79	6.56	6.61	6.59	6.71	6.58	6.77	6.93	6.81	7.00	6.88	6.87	7.12
1980	2,517.4	2,446.6	2,465.5	2,472.8	2,480.0	2,486.9	2,524.3	2,543.4	2,548.8	2,545.1	2,558.4	2,568.0	2,569.5	1980	7.35	7.03	7.07	7.27	7.15	7.19	7.43	7.33	7.38	7.46	7.47	7.74	7.66
1981		2,579.3	2,590.5	2,600.1										1981		7.78	8.06	8.01									
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS													
1977	158.44	154.02	153.91	153.91	155.26	155.82	158.12	161.12	161.81	161.16	162.04	162.24	162.43	1977	34.4	34.2	33.8	34.0	34.1	34.0	34.9	34.5	34.7	34.7	34.4	34.4	34.4
1978	172.21	164.94	165.47	166.14	167.31	169.16	172.00	175.42	175.10	176.99	176.64	177.14	177.30	1978	34.0	34.4	34.0	34.2	33.9	34.0	34.3	34.2	34.0	33.7	34.0	34.2	33.7
1979	187.42	181.94	181.37	181.37	181.70	181.51	185.61	189.46	190.10	191.61	191.98	193.69	194.94	1979	34.0	33.6	33.4	33.6	33.5	33.7	34.2	34.3	34.2	33.8	34.0	35.0	34.9
1980	206.65	198.02	199.39	198.99	200.10	201.11	204.17	209.42	211.41	211.42	213.18	214.25	216.28	1980	34.5	35.0	35.1	34.5	34.6	34.1	34.5	34.6	34.2	34.1	34.2	34.3	34.4
1981		220.32	221.71	222.05										1981		34.5	34.1	34.2									
NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS														SIC 82—EDUCATIONAL SERVICES													
1977	4.66	4.53	4.54	4.54	4.58	4.61	4.61	4.67	4.69	4.74	4.78	4.80	4.82	ALL EMPLOYEES—IN THOUSANDS													
1978	5.05	4.88	4.91	4.93	4.95	4.99	5.00	5.07	5.09	5.16	5.18	5.21	5.23	1977	1,031.0	1,034.2	1,086.2	1,093.3	1,085.6	1,061.0	955.0	872.3	851.6	992.4	1,107.3	1,127.0	1,105.9
1979	5.48	5.32	5.35	5.35	5.36	5.37	5.38	5.46	5.51	5.57	5.63	5.68	5.70	1978	1,062.4	1,060.7	1,121.5	1,132.1	1,140.2	1,109.9	983.4	892.8	885.9	1,013.5	1,127.1	1,148.8	1,133.0
1980	6.06	5.79	5.83	5.87	5.92	5.95	5.97	6.07	6.11	6.20	6.27	6.32	6.38	1979	1,089.7	1,073.0	1,141.5	1,151.0	1,146.6	1,118.9	998.9	939.3	928.7	1,050.2	1,169.6	1,189.5	1,168.8
1981		6.48	6.54	6.55										1980	1,128.1	1,103.4	1,178.3	1,184.4	1,178.9	1,148.4	1,032.0	979.8	984.9	1,100.7	1,218.3	1,222.3	1,205.5
NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS														1981		1,136.2	1,208.1	1,217.9									
1977	34.0	34.0	33.9	33.9	33.9	33.8	34.3	34.5	34.5	34.0	33.9	33.8	33.7	WOMEN EMPLOYEES—IN THOUSANDS													
1978	34.1	33.8	33.7	33.7	33.8	33.9	34.4	34.6	34.4	34.3	34.1	34.0	33.9	1977	513.7	513.5	543.2	549.9	546.3	534.2	482.7	407.4	394.7	500.4	561.9	571.2	559.5
1979	34.2	34.2	33.9	33.9	33.9	33.8	34.5	34.7	34.5	34.4	34.1	34.1	34.2	1978	538.6	540.7	571.4	584.7	583.6	568.7	499.1	443.4	439.0	513.7	569.0	578.5	571.5
1980	34.1	34.2	34.2	33.9	33.8	33.8	34.2	34.5	34.6	34.1	34.0	33.9	33.9	1979	553.4	547.8	579.3	584.8	582.6	571.2	505.4	460.5	460.4	537.4	601.2	611.2	598.8
1981		34.0	33.9	33.9										1980	585.4	567.6	603.9	607.9	608.6	597.7	531.6	494.6	497.6	582.9	644.8	649.0	638.9
SIC 81—LEGAL SERVICES														1981		602.4	640.9	646.0									
ALL EMPLOYEES—IN THOUSANDS														SIC 821—ELEMENTARY AND SECONDARY SCHOOLS													
1977	393.9	375.4	378.3	381.7	382.8	383.3	400.1	404.3	402.4	398.9	404.7	406.6	408.4	ALL EMPLOYEES—IN THOUSANDS													
1978	426.6	408.2	410.4	413.7	414.9	418.2	435.8	437.8	439.4	430.7	433.2	437.2	439.4	1977	227.7	242.1	243.6	242.5	240.7	241.7	234.1	189.1	180.7	215.5	232.3	235.3	234.6
1979	459.9	439.8	443.2	444.5	445.5	449.9	468.5	470.8	469.0	464.9	471.9	474.7	475.8	1978	236.0	233.0	240.0	243.0	246.1	246.9	241.2	202.3	201.0	234.3	244.2	250.6	248.9
1980	499.3	475.3	478.2	483.1	485.5	491.2	505.7	513.7	507.6	503.9	510.7	517.2	520.0	1979	258.6	249.3	254.0	255.5	254.6	255.6	249.6	233.7	235.4	262.1	276.4	288.1	288.5
1981		518.9	520.2	522.5										1980	291.2	288.7	293.7	298.3	295.1	297.2	289.8	263.9	268.0	290.8	301.2	302.9	304.4
WOMEN EMPLOYEES—IN THOUSANDS														1981		297.6	304.8	306.5									
1977	281.9	268.6	270.7	272.8	276.9	277.1	285.8	288.9	286.2	284.1	289.6	290.2	292.2	WOMEN EMPLOYEES—IN THOUSANDS													
1978	304.1	292.9	295.3	298.6	299.1	300.9	307.7	308.8	309.6	305.0	307.4	311.2	313.0	1977	136.1	148.6	148.7	148.2	147.3	148.0	143.2	92.8	82.7	132.2	146.3	147.8	147.5
1979	325.8	313.8	316.7	317.6	317.3	319.8	327.6	328.0	330.1	329.9	333.5	336.7	338.3	1978	148.2	147.0	151.6	153.7	155.2	156.2	151.1	125.0	124.2	147.0	153.2	157.0	156.8
1980	353.9	338.9	341.5	345.7	347.8	350.4	356.3	360.7	357.4	354.5	361.0	365.5	367.5	1979	161.2	157.3	159.9	160.8	160.6	161.5	155.5	139.3	141.0	165.5	174.5	180.1	178.0
1981		368.7	369.0	371.0										1980	182.4	179.6	179.9	183.2	183.2	184.7	175.2	152.8	157.8	191.1	199.2	200.8	200.7
NONSUPERVISORY WORKERS—IN THOUSANDS														1981		194.3	200.4	201.8									
1977	345.0	330.0	332.5	335.6	336.3	335.7	352.1	355.3	352.6	347.7	352.2	353.8	356.1	SIC 822—COLLEGES AND UNIVERSITIES													
1978	369.8	355.8	357.6	360.6	361.4	363.4	379.2	379.2	379.7	372.0	373.6	376.8	378.3	ALL EMPLOYEES—IN THOUSANDS													
1979	394.8	378.4	381.0	381.4	382.1	386.0	402.4	404.4	403.2	398.7	404.1	407.1	408.3	1977	702.6	695.0	743.7	751.5	745.3	719.2	622.0	584.6	575.2	675.9	770.1	784.4	764.6
1980	428.2	406.7	409.6	414.4	417.1	422.2	435.2	442.5	435.6	430.0	437.9	442.3	444.3	1978	717.6	721.7	773.6	780.0	784.9	753.8	636.0	587.0	580.8	670.7	770.0	783.8	768.9
1981		443.4	444.3	446.6										1979	716.9	709.5	772.3	778.6	775.9	747.7	636.3	595.9	585.6	677.3	777.3	783.9	762.7
NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														1980	719.6	698.7	767.1	768.5	765.4	734.2	625.8	601.8	603.3	695.2	797.1	798.5	779.9
1977	200.21	196.31	195.03	196.18	197.10	198.22	198.58	199.41	198.83	203.00	204.34	203.99	206.06														
1978	213.18	210.53	207.40	208.28	211.88	209.10	213.35	217.85	213.18	212.98	219.98	219.56	217.03														
1979	230.86	220.42	220.77	221.42	224.79	221.75	231.53	237.70	232.90	236.60	233.92	240.45	248.49														
1980	253.58	246.05	248.16	250.82	247.39	245.18	256.34	253.62	252.40	254.39	255.47	265.48	263.50														
1981		268.41	274.85	273.94																							

SIC 822
SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 822—COLLEGES AND UNIVERSITIES (Con.)

WOMEN EMPLOYEES—IN THOUSANDS													
1977	322.7	312.4	341.3	348.5	345.3	332.3	285.2	260.0	259.2	312.5	357.9	364.5	353.3
1978	330.1	334.6	359.5	370.0	367.3	351.8	288.9	260.9	257.4	307.0	353.9	358.5	351.8
1979	327.7	327.6	355.0	358.6	356.5	343.8	285.3	258.9	258.1	308.9	360.9	364.6	354.4
1980	336.6	322.4	357.5	358.4	358.0	345.9	289.9	277.1	275.4	326.7	378.8	379.8	369.8
1981		340.6	371.4	374.6									

SIC 83—SOCIAL SERVICES

ALL EMPLOYEES—IN THOUSANDS													
1977	854.6	800.6	813.2	822.8	829.5	825.3	838.0	889.0	893.2	865.6	878.9	894.5	904.9
1978	990.6	905.5	923.4	946.9	966.3	978.3	986.6	1,053.3	1,057.1	1,003.3	1,009.1	1,020.7	1,037.1
1979	1,081.3	1,033.6	1,051.5	1,070.4	1,073.6	1,088.9	1,100.0	1,125.2	1,126.8	1,071.5	1,076.6	1,067.3	1,090.7
1980	1,145.2	1,092.9	1,110.6	1,119.1	1,124.1	1,142.9	1,138.0	1,199.1	1,179.3	1,143.9	1,155.0	1,165.8	1,171.3
1981		1,171.7	1,179.8	1,189.6									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	620.2	582.4	592.5	601.9	605.0	602.1	607.0	623.7	627.7	635.2	648.6	656.4	659.4
1978	720.8	662.4	675.0	690.4	703.8	713.0	713.9	738.1	742.4	737.2	747.3	756.4	769.4
1979	797.4	765.9	781.9	795.6	793.3	806.5	801.6	796.1	805.3	797.4	806.4	803.9	815.2
1980	847.6	816.2	827.7	833.7	834.9	850.2	837.7	861.4	850.2	850.4	861.5	872.6	874.8
1981		872.0	881.1	887.8									

SIC 86—MEMBERSHIP ORGANIZATIONS

ALL EMPLOYEES—IN THOUSANDS													
1977	1,495.4	1,461.6	1,480.4	1,488.5	1,493.9	1,503.3	1,510.0	1,514.2	1,497.0	1,482.1	1,497.0	1,504.6	1,511.6
1978	1,501.6	1,484.3	1,486.4	1,498.9	1,502.8	1,516.0	1,517.3	1,509.6	1,495.8	1,489.7	1,498.4	1,506.2	1,513.9
1979	1,516.2	1,490.9	1,511.6	1,522.9	1,525.6	1,533.3	1,536.1	1,521.5	1,512.8	1,500.7	1,509.1	1,515.7	1,514.2
1980	1,555.5	1,518.2	1,539.5	1,540.3	1,546.3	1,558.8	1,564.2	1,567.1	1,557.9	1,548.8	1,570.1	1,573.6	1,581.3
1981		1,557.3	1,577.6	1,581.3									

SIC 89—MISCELLANEOUS SERVICES

ALL EMPLOYEES—IN THOUSANDS													
1977	786.8	756.5	763.9	771.3	771.9	769.7	785.3	795.9	801.3	799.6	803.1	808.3	814.5
1978	867.4	822.1	834.8	846.7	851.8	852.4	874.0	880.4	886.7	879.1	884.8	894.7	901.1
1979	940.7	907.8	916.2	925.9	927.1	924.4	946.1	955.4	960.7	949.4	951.9	962.2	961.8
1980	995.8	970.0	984.2	990.8	991.7	982.8	995.6	1,010.2	1,011.0	996.0	1,001.8	1,005.4	1,010.2
1981		1,019.2	1,028.8	1,035.3									

WOMEN EMPLOYEES—IN THOUSANDS													
1977	230.1	220.3	223.6	226.6	227.4	224.2	227.7	230.0	232.4	233.3	235.3	238.6	242.2
1978	259.7	245.8	253.6	257.6	258.3	255.6	260.4	260.4	262.6	259.9	263.2	267.9	271.5
1979	287.3	276.1	281.4	286.0	285.9	281.3	285.9	286.6	289.8	289.5	291.7	295.8	297.9
1980	320.0	305.1	314.9	319.5	321.4	315.2	319.4	323.6	323.7	319.5	324.1	325.1	328.9
1981		335.6	343.3	347.9									

NONSUPERVISORY WORKERS—IN THOUSANDS													
1977	658.2	634.1	639.7	645.9	646.8	645.9	659.0	667.1	670.4	666.8	669.3	674.3	679.3
1978	720.9	685.1	695.7	705.8	710.7	710.8	727.7	731.4	736.9	728.5	731.9	741.8	744.3
1979	781.6	750.3	761.7	770.3	771.2	767.7	787.8	794.8	797.4	786.8	787.3	801.5	801.8
1980	830.6	806.0	820.5	828.7	830.6	820.9	831.5	843.7	844.5	828.4	833.7	836.7	841.6
1981		848.9	859.2	866.8									

SIC 89—MISCELLANEOUS SERVICES (Con.)

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS														
1977	260.94	255.69	259.50	258.45	260.02	259.38	258.82	257.76	260.74	262.05	265.42	264.65	266.81	
1978	275.71	268.73	272.61	275.01	276.19	269.04	269.37	273.22	274.94	277.78	282.34	280.82	284.59	
1979	294.14	287.54	289.45	290.94	291.82	288.41	287.27	292.19	293.76	300.09	301.37	301.27	307.75	
1980	324.61	306.32	308.56	315.47	315.85	316.97	321.77	324.61	328.14	331.58	337.04	343.14	340.74	
1981		344.32	351.51	353.72										

SERVICES

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 891—ENGINEERING AND ARCHITECTURAL SERVICES (Con.)

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS

1977	39.6	39.3	39.6	39.6	39.7	39.6	39.6	39.6	39.7	39.5	39.4	39.5	39.5
1978	39.0	39.1	39.4	39.4	39.1	38.9	39.1	38.9	39.2	38.8	38.5	38.8	38.5
1979	38.7	38.8	38.9	39.0	38.4	38.9	38.6	38.4	38.9	38.3	38.6	38.5	38.7
1980	38.7	38.1	38.3	38.7	38.7	38.7	38.8	38.8	38.9	39.0	39.0	38.9	38.8
1981		38.8	38.6	38.7									

SIC 893—ACCOUNTING, AUDITING, AND BOOKKEEPING

ALL EMPLOYEES—IN THOUSANDS

1977	251.8	250.9	254.4	255.1	251.3	242.1	244.2	247.7	251.3	253.7	254.7	256.1	259.8
1978	275.4	266.7	276.2	279.4	277.4	269.6	271.4	272.5	273.6	275.0	277.4	280.3	285.1
1979	299.0	293.8	300.5	303.6	301.9	291.9	294.0	296.4	300.4	300.0	300.0	302.5	302.9
1980	319.6	312.4	322.8	324.7	323.8	311.9	315.8	320.0	320.6	318.3	319.7	321.0	324.5
1981		335.0	343.0	344.5									

WOMEN EMPLOYEES—IN THOUSANDS

1977	104.5	102.3	104.4	105.5	105.0	100.5	101.2	101.7	103.3	104.8	106.3	108.1	110.4
1978	117.5	113.0	119.3	120.5	119.3	115.2	116.3	114.6	115.5	116.1	118.3	120.1	122.3
1979	130.5	126.6	131.4	134.4	133.1	126.8	127.6	127.1	129.5	130.6	131.7	133.1	134.2
1980	147.2	140.1	146.3	149.5	151.2	143.8	144.8	146.5	147.3	146.0	149.5	149.3	152.1
1981		156.7	162.9	165.6									

NONSUPERVISORY WORKERS—IN THOUSANDS

1977	203.8	202.0	206.2	206.8	203.7	196.7	197.7	200.1	202.9	205.2	206.1	207.9	210.6
1978	221.0	216.6	224.7	227.1	225.6	218.0	217.0	216.0	216.8	218.3	220.2	223.8	228.4
1979	240.4	236.3	244.2	246.6	245.3	235.8	236.5	236.6	238.7	239.0	237.1	243.6	245.2
1980	258.2	251.0	262.1	265.3	265.3	252.6	254.7	257.6	257.9	255.9	256.8	257.9	261.4
1981		271.3	280.0	282.2									

NONSUPERVISORY-WORKER AVERAGE WEEKLY EARNINGS—IN DOLLARS

1977	223.85	223.08	228.80	227.60	227.70	220.37	219.79	218.21	220.82	220.22	226.50	225.45	227.02
1978	238.61	234.69	239.39	246.82	244.80	226.27	229.02	238.35	237.51	236.86	244.67	238.50	243.96
1979	255.84	247.02	254.32	253.76	262.14	247.59	251.28	259.28	254.77	259.24	258.02	256.06	265.17
1980	274.81	269.99	265.65	271.49	271.16	263.15	270.48	277.49	279.38	277.51	277.86	284.93	285.75
1981		287.96	304.96	306.86									

NONSUPERVISORY-WORKER AVERAGE HOURLY EARNINGS—IN DOLLARS

1977	5.86	5.72	5.72	5.69	5.75	5.94	5.83	5.85	5.92	5.92	6.04	5.98	5.99
1978	6.23	6.08	6.03	6.02	6.12	6.05	6.14	6.39	6.30	6.35	6.49	6.36	6.42
1979	6.68	6.35	6.39	6.36	6.57	6.55	6.63	6.97	6.74	6.95	6.79	6.81	7.09
1980	7.27	6.87	6.90	7.07	7.08	7.19	7.33	7.38	7.47	7.42	7.39	7.68	7.50
1981		7.46	7.74	7.71									

NONSUPERVISORY-WORKER AVERAGE WEEKLY HOURS

1977	38.2	39.0	40.0	40.0	39.6	37.1	37.7	37.3	37.3	37.2	37.5	37.7	37.9
1978	38.3	38.6	39.7	41.0	40.0	37.4	37.3	37.3	37.7	37.3	37.7	37.5	38.0
1979	38.3	38.9	39.8	39.9	39.9	37.8	37.9	37.2	37.8	37.3	38.0	37.6	37.4
1980	37.8	39.3	38.5	38.4	38.3	36.6	36.9	37.6	37.4	37.4	37.6	37.1	38.1
1981		38.6	39.4	39.8									

See footnotes at end of tables.

GOVERNMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL EMPLOYEES—IN THOUSANDS														TRANSPORTATION AND PUBLIC UTILITIES, EXCEPT POSTAL SERVICE													
1977	15,127	14,947	15,131	15,199	15,188	15,253	15,213	14,561	14,453	14,973	15,418	15,589	15,594	1977	40.1	36.2	36.1	36.1	37.3	38.3	39.7	40.8	41.5	42.3	43.3	44.5	44.8
1978	15,672	15,477	15,737	15,878	15,931	15,986	15,880	15,132	14,974	15,360	15,796	15,956	15,952	1978	45.8	45.5	46.5	47.5	47.4	47.6	46.9	46.3	45.5	44.7	44.4	44.5	43.1
1979	15,947	15,778	16,009	16,102	16,135	16,177	16,102	15,389	15,305	15,687	16,115	16,286	16,280	1979	43.4	43.3	43.9	44.4	44.4	44.8	44.3	43.8	43.0	43.2	42.6	42.4	41.1
1980	16,249	16,102	16,372	16,533	16,738	16,643	16,477	15,611	15,430	15,841	16,331	16,473	16,435	1980	40.8	40.4	40.3	40.0	40.0	40.5	41.5	41.5	40.7	41.4	41.2	41.2	40.8
1981		16,216	16,458	16,493										1981		40.5	40.4	40.6									
WOMEN EMPLOYEES—IN THOUSANDS														SERVICES													
1977	6,907	6,812	6,952	7,020	7,028	7,068	6,977	6,342	6,270	6,796	7,136	7,234	7,245	1977	375.8	364.8	371.9	371.2	372.3	375.7	378.6	382.2	382.9	376.7	377.5	377.6	377.8
1978	7,216	7,173	7,330	7,403	7,458	7,494	7,366	6,608	6,462	7,026	7,348	7,459	7,466	1978	380.3	377.7	379.8	381.4	383.7	388.1	393.1	395.8	392.9	377.9	369.0	364.5	359.9
1979	7,450	7,388	7,522	7,581	7,614	7,610	7,469	6,856	6,861	7,253	7,618	7,813	7,816	1979	360.3	354.2	349.8	348.2	352.3	357.2	365.5	371.4	372.2	364.3	361.3	362.9	364.8
1980	7,753	7,737	7,897	7,980	8,073	8,001	7,822	7,072	6,981	7,584	7,896	8,006	7,981	1980	408.7	365.5	402.7	408.1	412.2	415.2	418.7	423.4	419.1	410.5	409.1	409.9	410.2
1981		7,876	8,008	8,029										1981		408.8	405.9	403.9									
FEDERAL GOVERNMENT ¹⁹														FEDERAL HOSPITALS													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	2,727	2,697	2,705	2,714	2,716	2,728	2,765	2,773	2,757	2,717	2,714	2,716	2,724	1977	226.0	226.9	231.6	227.3	226.1	225.3	225.8	225.8	225.0	221.8	224.8	225.5	226.1
1978	2,753	2,711	2,720	2,725	2,739	2,756	2,802	2,815	2,793	2,744	2,746	2,746	2,733	1978	229.3	226.2	226.6	226.7	228.3	230.7	235.2	236.8	235.7	229.8	226.3	225.0	224.0
1979	2,773	2,730	2,738	2,740	2,750	2,773	2,824	2,838	2,844	2,751	2,756	2,760	2,770	1979	224.5	223.0	221.7	221.3	221.4	222.7	226.6	229.2	228.3	225.7	223.3	224.4	226.1
1980	2,866	2,763	2,803	2,869	3,103	2,963	2,995	2,949	2,862	2,754	2,774	2,776	2,782	1980	234.1	229.2	232.7	236.0	237.4	236.5	237.6	238.6	234.3	230.8	230.8	231.6	233.1
1981		2,773	2,774	2,769										1981		234.5	233.8	233.3									
WOMEN EMPLOYEES—IN THOUSANDS														EXECUTIVE													
1977	856	838	845	852	864	864	877	883	871	841	845	847	846	1977	2,675.5	2,645.8	2,654.9	2,662.8	2,664.0	2,675.8	2,712.3	2,720.5	2,704.7	2,665.4	2,662.5	2,664.3	2,673.1
1978	866	849	855	859	866	872	891	894	881	860	860	858	851	1978	2,699.9	2,659.5	2,668.2	2,672.9	2,686.7	2,702.9	2,747.5	2,760.3	2,738.5	2,691.9	2,694.5	2,694.4	2,681.2
1979	860	848	850	850	853	860	877	881	884	851	855	853	859	1979	2,719.8	2,677.5	2,686.3	2,688.3	2,697.4	2,720.3	2,770.2	2,783.0	2,789.6	2,697.8	2,702.7	2,707.0	2,717.2
1980	908	863	880	908	1,002	945	957	938	906	867	875	876	877	1980	2,811.6	2,709.1	2,749.5	2,815.1	3,049.2	2,908.2	2,939.1	2,893.1	2,805.5	2,699.1	2,719.8	2,722.7	2,728.5
1981		878	879	876										1981		2,717.6	2,720.1	2,715.3									
MANUFACTURING ACTIVITIES														DEPARTMENT OF DEFENSE													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	134.2	137.6	138.1	139.2	137.9	136.4	137.3	135.3	133.8	130.3	129.7	128.1	126.7	1977	917.7	918.4	917.6	918.4	917.4	920.0	932.0	931.6	922.0	909.1	907.8	909.8	907.7
1978	124.2	125.5	124.1	123.1	123.5	124.3	124.7	125.0	124.6	123.4	124.0	124.1	124.3	1978	910.3	906.4	906.0	905.6	905.4	911.3	924.8	927.1	918.6	905.4	905.8	905.3	902.0
1979	119.6	125.0	124.7	124.5	123.5	122.4	121.3	120.3	117.8	114.3	114.7	113.9	112.8	1979	895.4	896.0	895.0	892.0	890.0	896.6	906.6	908.5	908.5	887.2	887.8	888.0	889.0
1980	107.9	111.7	108.9	108.3	108.6	109.0	109.1	108.9	107.2	103.6	106.1	106.4	107.0	1980	893.1	885.1	885.4	886.6	888.5	895.1	909.8	911.5	894.7	883.5	891.3	892.0	893.6
1981		107.5	107.2	107.2										1981		892.9	891.6	894.2									
SHIPBUILDING																											
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	69.6	69.5	69.7	69.2	69.0	68.9	70.2	69.4	69.4	68.6	70.0	70.4	70.6	1977	917.7	918.4	917.6	918.4	917.4	920.0	932.0	931.6	922.0	909.1	907.8	909.8	907.7
1978	72.0	71.0	71.2	71.5	71.8	72.5	72.5	72.5	72.3	71.5	72.3	72.3	72.4	1978	910.3	906.4	906.0	905.6	905.4	911.3	924.8	927.1	918.6	905.4	905.8	905.3	902.0
1979	67.3	72.5	72.2	72.2	70.7	69.5	68.6	67.6	65.8	62.7	62.9	61.9	60.6	1979	895.4	896.0	895.0	892.0	890.0	896.6	906.6	908.5	908.5	887.2	887.8	888.0	889.0
1980	56.8	59.5	58.0	56.7	56.6	56.7	56.7	56.5	56.0	53.9	56.6	56.8	57.1	1980	893.1	885.1	885.4	886.6	888.5	895.1	909.8	911.5	894.7	883.5	891.3	892.0	893.6
1981		57.4	57.1	57.1										1981		892.9	891.6	894.2									

See footnotes at end of tables.

GOVERNMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
POSTAL SERVICE														STATE GOVERNMENT (Con.)														
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS														
1977	654.0	650.0	649.9	652.3	650.7	652.9	655.6	657.5	656.8	655.0	649.2	650.2	668.2	1978	3,473.5	3,415.6	3,515.9	3,548.1	3,555.3	3,531.1	3,405.2	3,301.1	3,291.9	3,419.4	3,553.3	3,581.6	3,563.6	
1978	648.6	645.6	646.9	647.6	647.9	648.3	648.3	647.5	649.0	651.9	646.9	651.4	651.4	1979	3,540.8	3,473.5	3,582.9	3,606.8	3,598.6	3,564.2	3,441.9	3,368.4	3,374.8	3,512.1	3,639.2	3,680.6	3,646.4	
1979	660.9	653.0	655.2	655.4	655.0	659.5	663.2	665.4	665.4	659.0	653.7	673.0	673.5	1980	3,589.9	3,553.5	3,654.9	3,688.2	3,685.1	3,647.0	3,493.2	3,417.8	3,411.4	3,524.0	3,662.5	3,683.9	3,657.5	
1980	661.1	655.9	656.7	655.7	658.2	659.3	661.7	667.3	665.1	657.1	660.7	663.1	672.5	1981		3,556.6	3,660.8	3,666.9										
1981		652.9	654.9	657.0																								
OTHER EXECUTIVE AGENCIES														WOMEN EMPLOYEES—IN THOUSANDS														
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS														
1977	1,103.8	1,077.4	1,087.4	1,092.1	1,095.9	1,102.9	1,124.7	1,131.4	1,125.9	1,101.3	1,105.5	1,104.3	1,097.2	1977	1,510.4	1,498.1	1,545.7	1,553.4	1,547.6	1,539.2	1,488.5	1,424.8	1,410.4	1,474.4	1,539.5	1,555.4	1,547.3	
1978	1,141.0	1,107.5	1,115.3	1,119.7	1,133.4	1,143.3	1,174.4	1,185.7	1,170.9	1,134.6	1,141.8	1,137.7	1,127.8	1978	1,536.7	1,510.2	1,563.8	1,574.9	1,594.8	1,571.9	1,503.5	1,442.6	1,428.5	1,498.3	1,568.0	1,592.2	1,591.1	
1979	1,163.4	1,128.5	1,136.1	1,140.9	1,152.4	1,164.2	1,200.4	1,209.1	1,215.7	1,151.6	1,161.2	1,146.0	1,154.7	1979	1,572.0	1,541.1	1,587.9	1,601.1	1,596.7	1,575.9	1,501.6	1,456.2	1,460.1	1,555.8	1,646.9	1,678.4	1,662.5	
1980	1,257.4	1,168.1	1,207.4	1,272.8	1,502.5	1,353.8	1,367.6	1,314.3	1,245.7	1,158.5	1,167.8	1,167.6	1,162.4	1980	1,624.9	1,618.3	1,670.4	1,681.8	1,681.7	1,649.4	1,566.9	1,509.4	1,512.1	1,589.7	1,663.2	1,681.0	1,674.3	
1981		1,171.8	1,173.6	1,164.1										1981		1,628.3	1,678.0	1,683.7										
LEGISLATIVE														STATE HOSPITALS														
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS														
1977	39.4	39.2	37.9	39.0	39.4	39.8	40.4	40.5	39.9	39.3	38.9	39.1	38.8	1977	538.0	529.7	532.8	535.2	535.0	535.5	539.9	541.4	542.3	540.9	540.6	541.9	540.4	
1978	39.7	39.0	38.8	39.5	39.5	40.0	41.4	41.4	41.0	39.3	38.9	38.7	38.7	1978	540.8	542.3	541.7	541.2	541.0	540.8	541.0	543.5	538.3	538.4	538.8	540.0	542.3	
1979	39.8	39.0	38.5	38.9	39.4	39.7	41.0	41.2	41.3	40.0	39.6	40.0	39.5	1979	537.7	544.1	543.2	543.2	541.4	539.3	539.2	537.4	537.3	533.1	527.5	533.8	533.4	
1980	39.9	39.5	39.5	39.7	39.6	40.2	41.3	41.5	41.1	39.6	39.1	38.7	38.9	1980	533.5	533.1	531.2	531.2	530.2	531.5	534.3	537.0	535.6	531.7	534.5	536.1	535.8	
1981		40.8	38.6	39.1										1981		535.0	534.4	534.6										
JUDICIAL														WOMEN EMPLOYEES—IN THOUSANDS														
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS														
1977	12.3	12.0	12.1	12.1	12.3	12.3	12.3	12.3	12.4	12.5	12.5	12.5	12.5	1977	319.2	319.8	322.3	320.7	317.0	316.8	320.6	319.3	316.3	316.6	319.1	322.5	318.8	
1978	12.8	12.6	12.7	12.7	12.7	12.8	12.9	12.9	13.0	13.0	13.0	12.9	12.9	1978	310.2	318.9	318.1	314.8	312.5	308.9	306.7	305.3	303.1	302.5	306.4	309.2	315.6	
1979	13.2	13.0	13.0	13.1	13.2	13.1	13.1	13.4	13.4	13.0	13.3	13.0	13.3	1979	318.3	318.0	316.2	318.9	320.7	317.8	316.7	312.7	313.0	320.4	318.2	323.0	324.5	
1980	14.6	14.1	14.1	14.2	14.2	14.3	14.6	14.8	15.0	15.0	14.9	14.9	14.9	1980	336.1	331.0	336.4	336.0	335.6	337.2	338.9	338.2	337.5	334.1	336.3	336.3	336.2	
1981		15.0	15.0	15.0										1981		334.8	334.9	334.5										
STATE AND LOCAL GOVERNMENT ²⁰														GEN. ADMIN. INCL. EXECUTIVE, LEGISLATIVE, AND JUDICIAL FUNCTIONS														
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS														
1977	12,399	12,250	12,426	12,485	12,472	12,525	12,448	11,788	11,696	12,256	12,704	12,873	12,870	1977	878.9	842.3	855.0	855.4	860.5	867.5	882.9	877.3	901.6	887.2	903.2	906.3	907.0	
1978	12,919	12,766	13,017	13,153	13,192	13,230	13,078	12,317	12,181	12,616	13,050	13,210	13,219	1978	969.4	929.4	936.7	958.1	964.1	972.8	991.1	1,002.1	1,004.7	976.1	964.0	965.4	968.0	
1979	13,174	13,048	13,271	13,362	13,385	13,404	13,278	12,551	12,461	12,936	13,359	13,526	13,510	1979	1,005.7	976.3	982.0	990.2	993.9	999.0	1,020.5	1,028.4	1,030.6	1,015.6	1,012.9	1,013.7	1,005.8	
1980	13,383	13,339	13,569	13,664	13,635	13,680	13,482	12,662	12,568	13,087	13,557	13,697	13,653	1980	1,035.1	1,013.3	1,017.3	1,028.2	1,029.4	1,034.9	1,049.0	1,061.2	1,057.0	1,039.6	1,032.1	1,028.5	1,030.1	
1981		13,443	13,684	13,724										1981		1,030.8	1,032.4	1,033.0										
WOMEN EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS														
1977	6,051	5,974	6,107	6,168	6,164	6,204	6,100	5,459	5,399	5,955	6,291	6,387	6,399	1977	395.3	376.9	388.3	394.1	394.9	396.2	393.4	390.9	397.1	396.1	407.1	403.8	404.6	
1978	6,350	6,324	6,475	6,544	6,592	6,622	6,475	5,714	5,581	6,166	6,488	6,601	6,615	1978	427.8	397.6	409.7	418.8	442.9	442.4	448.2	447.4	441.6	429.0	424.1	416.6	415.0	
1979	6,590	6,540	6,672	6,731	6,761	6,750	6,592	5,975	5,977	6,402	6,763	6,960	6,957	1979	424.6	416.0	419.7	425.9	424.8	424.0	424.2	425.9	427.9	427.8	425.3	427.9	426.0	
1980	6,845	6,874	7,017	7,072	7,071	7,056	6,865	6,134	6,075	6,717	7,021	7,130	7,104	1980	425.6	426.0	425.2	429.8	432.4	428.4	426.6	425.7	425.2	423.1	419.8	421.0	424.4	
1981		6,998	7,129	7,153										1981		426.6	429.7	432.9										
STATE GOVERNMENT														STATE EDUCATION														
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS														
1977	3,376.9	3,337.0	3,419.8	3,427.2	3,434.4	3,415.0	3,331.7	3,211.3	3,196.5	3,330.5	3,461.2	3,490.2	3,468.5	1977	1,385.2	1,406.5	1,475.0	1,479.9	1,479.0	1,446.0	1,320.8	1,191.6	1,155.0	1,315.7	1,441.0	1,466.8	1,445.0	
														1978	1,367.2	1,366.9	1,460.3	1,468.0	1,468.1	1,429.6	1,261.0	1,134.1	1,127.4	1,299.3	1,454.2	1,481.0	1,456.9	
														1979	1,378.3	1,352.9	1,459.7	1,472.1	1,461.6	1,419.6	1,249.2	1,161.8	1,161.6	1,335.3	1,475.7	1,509.1	1,481.5	
														1980	1,385.2	1,379.7	1,477.4	1,494.4	1,492.0	1,444.7	1,264.5	1,167.4	1,167.5	1,316.6	1,465.9	1,490.2	1,462.1	
														1981		1,362.4	1,465.8	1,471.0										

GOVERNMENT

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
STATE EDUCATION (Con.)														GEN. ADMIN. INCL. EXECUTIVE, LEGISLATIVE, AND JUDICIAL FUNCTIONS													
WOMEN EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	611.3	623.8	656.4	658.0	655.3	642.5	586.0	522.1	505.7	574.5	629.0	643.5	638.5	1977	2,685.2	2,552.8	2,561.8	2,548.5	2,551.7	2,583.4	2,714.8	2,932.7	2,934.9	2,705.1	2,687.1	2,708.3	2,741.0
1978	605.5	608.0	649.2	653.5	651.7	630.4	550.9	486.2	480.3	571.3	643.6	673.8	667.6	1978	2,896.7	2,746.1	2,778.4	2,810.1	2,829.0	2,859.2	2,994.8	3,117.8	3,105.6	2,904.7	2,860.0	2,876.1	2,878.6
1979	627.7	611.8	656.0	660.7	656.0	637.6	557.8	509.3	507.7	601.8	702.4	724.4	706.8	1979	2,968.6	2,869.3	2,884.9	2,909.0	2,916.5	2,937.9	3,054.9	3,210.4	3,170.1	2,974.9	2,898.7	2,896.2	2,899.8
1980	652.9	654.2	701.3	707.0	704.8	675.4	590.3	531.4	535.4	621.7	697.9	713.7	701.5	1980	2,988.1	2,884.4	2,895.9	2,908.7	2,918.0	2,948.1	3,061.2	3,215.6	3,189.2	2,989.0	2,947.6	2,957.0	2,942.0
1981		653.4	699.9	702.7										1981		2,930.9	2,941.3	2,945.9									
LOCAL GOVERNMENT														WOMEN EMPLOYEES—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	9,022.5	8,912.7	9,006.3	9,058.0	9,036.6	9,109.6	9,117.0	8,576.9	8,500.1	8,925.5	9,242.8	9,382.5	9,401.8	1977	849.9	788.8	803.9	805.1	805.5	814.6	851.7	938.8	937.7	840.5	851.5	874.8	885.9
1978	9,445.5	9,349.7	9,501.2	9,604.7	9,636.6	9,698.5	9,673.2	9,015.7	8,889.4	9,196.2	9,496.6	9,627.9	9,655.8	1978	953.4	877.5	910.2	922.6	937.3	957.8	999.7	1,047.0	1,039.7	942.6	930.1	940.5	935.3
1979	9,633.3	9,574.7	9,687.6	9,755.3	9,786.6	9,839.4	9,835.7	9,182.1	9,086.5	9,423.8	9,719.9	9,845.0	9,863.3	1979	978.3	931.1	937.9	946.9	950.8	954.8	998.6	1,066.5	1,059.8	984.7	963.8	972.0	973.2
1980	9,792.7	9,785.5	9,914.0	9,976.0	9,949.4	10,033.0	9,988.6	9,244.2	9,156.4	9,563.3	9,894.5	10,012.8	9,995.2	1980	1,019.6	969.2	981.4	994.5	1,006.4	1,007.9	1,050.9	1,118.1	1,105.4	1,027.9	982.1	1,000.1	991.2
1981		9,886.4	10,022.8	10,056.6										1981		990.9	998.6	1,007.2									
WOMEN EMPLOYEES—IN THOUSANDS														LOCAL EDUCATION													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	4,540.2	4,476.2	4,561.6	4,614.2	4,615.7	4,664.4	4,610.7	4,034.8	3,989.0	4,480.4	4,751.8	4,831.5	4,851.5	1977	4,974.2	5,047.4	5,129.2	5,187.7	5,164.4	5,198.5	5,049.5	4,245.6	4,145.1	4,817.8	5,167.5	5,269.4	5,268.0
1978	4,813.1	4,814.0	4,911.4	4,968.6	4,997.5	5,050.5	4,971.0	4,271.7	4,152.7	4,667.9	4,919.7	5,008.6	5,023.8	1978	5,075.2	5,200.7	5,301.8	5,356.5	5,361.5	5,380.9	5,189.4	4,371.6	4,257.2	4,792.4	5,152.8	5,258.9	5,278.1
1979	5,017.8	4,998.9	5,083.8	5,129.4	5,163.9	5,173.8	5,090.4	4,518.9	4,516.5	4,846.3	5,115.9	5,281.6	5,294.2	1979	5,107.3	5,199.7	5,289.4	5,324.8	5,347.5	5,359.3	5,189.4	4,345.0	4,304.0	4,868.8	5,265.1	5,388.6	5,405.5
1980	5,219.8	5,255.6	5,346.1	5,389.7	5,389.6	5,406.3	5,298.2	4,624.6	4,563.3	5,127.2	5,358.1	5,448.8	5,429.8	1980	5,191.1	5,343.9	5,450.5	5,494.2	5,468.5	5,493.4	5,291.7	4,340.3	4,283.2	4,932.5	5,328.4	5,432.1	5,434.8
1981		5,370.0	5,451.1	5,469.6										1981		5,338.8	5,460.5	5,481.4									
TRANSPORTATION AND PUBLIC UTILITIES														WOMEN EMPLOYEES—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	550.4	547.5	547.2	546.2	547.3	547.6	551.1	552.5	557.0	553.3	551.2	556.7	546.8	1977	3,060.4	3,090.0	3,155.5	3,203.9	3,203.7	3,239.7	3,136.3	2,452.0	2,398.0	2,987.7	3,250.4	3,299.7	3,307.5
1978	571.5	552.5	560.4	562.5	563.3	567.0	571.2	578.2	579.5	578.3	579.1	581.8	583.6	1978	3,171.7	3,284.2	3,341.9	3,378.3	3,385.2	3,410.4	3,276.6	2,514.1	2,402.3	3,024.0	3,291.6	3,368.3	3,383.3
1979	594.2	584.5	585.6	588.0	585.0	591.6	596.3	599.7	600.2	599.3	597.7	600.9	601.5	1979	3,284.6	3,354.8	3,426.5	3,454.7	3,485.0	3,481.4	3,329.5	2,669.6	2,677.1	3,086.8	3,382.3	3,529.6	3,537.9
1980	614.8	600.1	601.0	601.6	587.2	608.7	619.0	624.7	628.4	625.2	626.8	627.0	627.6	1980	3,377.3	3,497.0	3,565.7	3,591.6	3,575.3	3,586.7	3,418.4	2,651.1	2,605.4	3,260.9	3,548.7	3,617.3	3,609.3
1981		628.0	629.0	631.7										1981		3,551.4	3,620.9	3,625.4									
WOMEN EMPLOYEES—IN THOUSANDS														LOCAL GOVERNMENT HOSPITALS													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	65.5	62.7	62.5	64.2	64.5	64.4	64.4	65.2	65.5	66.4	67.6	70.4	68.6	1977	493.8	475.4	477.6	480.2	483.0	486.2	494.5	499.0	502.9	503.6	505.3	507.3	510.3
1978	76.3	70.4	71.4	71.5	72.7	74.0	76.1	77.6	78.0	78.8	80.2	81.7	83.0	1978	534.7	513.3	517.2	521.5	524.1	528.2	537.5	541.3	543.7	543.8	545.9	549.3	550.6
1979	89.0	84.6	85.9	87.0	87.2	89.1	89.6	89.5	89.3	90.6	91.1	91.9	92.6	1979	570.6	554.5	557.1	559.7	560.7	563.9	571.8	575.9	578.3	578.0	579.9	581.9	585.4
1980	97.3	92.7	93.4	94.0	96.0	96.9	99.0	100.1	99.2	98.0	99.4	98.9	99.4	1980	604.6	587.3	592.4	596.4	597.6	600.0	606.5	610.4	612.4	611.8	611.8	613.0	615.0
1981		99.3	99.7	100.8										1981		616.8	620.4	622.5									
WOMEN EMPLOYEES—IN THOUSANDS														WOMEN EMPLOYEES—IN THOUSANDS													
ALL EMPLOYEES—IN THOUSANDS														ALL EMPLOYEES—IN THOUSANDS													
1977	379.1	364.3	365.9	368.0	370.1	373.0	380.0	383.0	386.0	388.0	389.9	390.2	391.0	1977	493.8	475.4	477.6	480.2	483.0	486.2	494.5	499.0	502.9	503.6	505.3	507.3	510.3
1978	410.9	392.3	395.5	399.3	402.4	405.6	413.4	417.2	417.2	418.1	420.1	423.8	425.7	1978	534.7	513.3	517.2	521.5	524.1	528.2	537.5	541.3	543.7	543.8	545.9	549.3	550.6
1979	449.7	429.5	432.1	435.3	435.9	439.5	447.3	452.2	457.5	459.8	462.7	471.3	473.8	1979	570.6	554.5	557.1	559.7	560.7	563.9	571.8	575.9	578.3	578.0	579.9	581.9	585.4
1980	490.6	477.0	481.1	484.2	486.5	487.3	491.6	494.1	496.0	496.0	495.4	498.4	499.5	1980	604.6	587.3	592.4	596.4	597.6	600.0	606.5	610.4	612.4	611.8	611.8	613.0	615.0
1981		501.7	504.9	506.0										1981		616.8	620.4	622.5									

See footnotes at end of tables.

Seasonally Adjusted Series

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS													EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS												
TOTAL													CONSTRUCTION												
1974	78,020	78,181	78,184	78,239	78,381	78,443	78,492	78,511	78,542	78,599	78,234	77,531	1974	4,170	4,257	4,220	4,146	4,118	4,051	3,959	3,969	3,926	3,887	3,828	3,783
1975	77,153	76,743	76,429	76,333	76,470	76,400	76,640	77,034	77,216	77,479	77,582	77,878	1975	3,791	3,643	3,521	3,455	3,464	3,448	3,438	3,483	3,508	3,516	3,526	3,551
1976	78,317	78,614	78,828	79,142	79,188	79,264	79,469	79,591	79,857	79,847	80,122	80,310	1976	3,581	3,589	3,571	3,583	3,561	3,552	3,561	3,569	3,570	3,577	3,604	3,594
1977	80,548	80,793	81,218	81,607	81,982	82,375	82,715	82,975	83,486	83,678	84,018	84,243	1977	3,580	3,663	3,743	3,806	3,835	3,868	3,895	3,906	3,933	3,941	3,965	3,994
1978	84,477	84,798	85,305	86,072	86,407	86,815	87,052	87,337	87,510	87,808	88,221	88,502	1978	3,975	3,969	4,077	4,218	4,203	4,269	4,291	4,304	4,310	4,336	4,348	4,356
1979	88,693	88,946	89,329	89,348	89,699	89,958	90,080	90,228	90,276	90,402	90,442	90,536	1979	4,335	4,325	4,469	4,423	4,460	4,477	4,485	4,501	4,500	4,500	4,502	4,536
1980	90,687	90,865	90,871	90,817	90,446	90,087	89,960	90,219	90,461	90,668	90,844	90,949	1980	4,556	4,562	4,462	4,417	4,382	4,345	4,270	4,324	4,362	4,379	4,389	4,387
1981	91,091	91,258	91,347										1981	4,390	4,389	4,416									
TOTAL PRIVATE ¹													MANUFACTURING												
1974	64,065	64,183	64,157	64,184	64,295	64,332	64,357	64,318	64,234	64,253	63,846	63,116	1974	20,359	20,285	20,242	20,260	20,242	20,257	20,250	20,158	20,087	19,978	19,663	19,184
1975	62,669	62,136	61,811	61,677	61,782	61,750	61,931	62,304	62,487	62,718	62,823	63,083	1975	18,769	18,395	18,216	18,134	18,138	18,093	18,060	18,204	18,351	18,447	18,472	18,566
1976	63,484	63,771	63,972	64,292	64,349	64,432	64,624	64,716	64,987	64,946	65,183	65,363	1976	18,703	18,800	18,887	18,999	18,982	18,991	19,015	19,030	19,152	19,049	19,160	19,184
1977	65,620	65,864	66,288	66,666	66,978	67,296	67,573	67,793	68,193	68,350	68,650	68,851	1977	19,268	19,310	19,422	19,536	19,635	19,720	19,799	19,820	19,891	19,894	19,938	20,052
1978	69,009	69,268	69,706	70,406	70,690	71,083	71,321	71,614	71,817	72,098	72,490	72,751	1978	20,121	20,186	20,252	20,349	20,415	20,490	20,546	20,593	20,654	20,735	20,850	20,928
1979	72,915	73,145	73,508	73,486	73,801	74,011	74,084	74,165	74,245	74,370	74,386	74,456	1979	20,977	21,018	21,056	21,080	21,121	21,175	21,193	21,096	21,074	21,015	20,898	20,872
1980	74,579	74,708	74,625	74,360	74,090	73,769	73,738	74,030	74,268	74,419	74,602	74,713	1980	20,836	20,801	20,773	20,545	20,262	20,033	19,877	19,990	20,060	20,110	20,188	20,175
1981	74,868	75,018	75,143										1981	20,174	20,177	20,191									
GOODS-PRODUCING ³													SIC 24,25,32-39—DURABLE GOODS												
1974	25,200	25,219	25,139	25,094	25,054	25,003	24,911	24,834	24,726	24,587	24,216	23,659	1974	12,069	12,015	11,985	12,034	12,018	12,047	12,068	11,981	11,940	11,902	11,692	11,371
1975	23,296	22,777	22,478	22,328	22,352	22,291	22,251	22,445	22,616	22,727	22,762	22,887	1975	11,100	10,855	10,739	10,645	10,609	10,555	10,484	10,553	10,638	10,661	10,662	10,722
1976	23,057	23,159	23,230	23,354	23,315	23,320	23,365	23,358	23,512	23,417	23,557	23,575	1976	10,815	10,880	10,953	11,034	11,075	11,098	11,111	11,140	11,200	11,117	11,218	11,240
1977	23,649	23,778	23,981	24,166	24,297	24,428	24,512	24,529	24,661	24,675	24,750	24,742	1977	11,293	11,303	11,396	11,467	11,544	11,610	11,684	11,713	11,768	11,768	11,796	11,888
1978	24,790	24,853	25,039	25,442	25,499	25,651	25,736	25,800	25,868	25,982	26,120	26,208	1978	11,947	11,997	12,040	12,124	12,183	12,245	12,309	12,361	12,420	12,496	12,572	12,625
1979	26,239	26,279	26,465	26,444	26,526	26,603	26,637	26,568	26,547	26,494	26,382	26,397	1979	12,669	12,726	12,761	12,790	12,820	12,873	12,887	12,819	12,821	12,744	12,647	12,635
1980	26,385	26,363	26,238	25,971	25,662	25,402	25,151	25,322	25,445	25,521	25,629	25,631	1980	12,591	12,614	12,603	12,387	12,136	11,973	11,859	11,907	11,968	12,013	12,090	12,077
1981	25,647	25,657	25,705										1981	12,084	12,074	12,099									
MINING													SIC 24—LUMBER AND WOOD PRODUCTS												
1974	671	677	677	688	694	695	702	707	713	722	725	692	1974	748	750	752	751	745	734	728	714	698	668	640	625
1975	736	739	741	739	750	750	753	758	757	764	764	770	1975	603	593	592	594	607	613	614	622	627	634	635	638
1976	773	770	772	772	777	777	789	759	790	791	793	797	1976	655	664	663	668	672	676	685	686	692	694	699	700
1977	801	805	816	824	827	840	818	803	837	840	847	696	1977	698	702	708	714	717	719	720	726	733	738	743	745
1978	694	698	710	875	881	892	899	903	904	911	922	924	1978	748	746	750	756	755	759	757	757	753	754	760	764
1979	927	936	940	941	945	951	959	971	973	979	982	989	1979	766	766	771	771	776	775	774	770	770	768	754	741
1980	993	1,000	1,003	1,009	1,018	1,024	1,004	1,008	1,023	1,032	1,052	1,069	1980	737	741	735	695	663	659	662	671	680	679	683	687
1981	1,083	1,091	1,098										1981	689	691	692									

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS													EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS												
SIC 25—FURNITURE AND FIXTURES													SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT												
1974	507	502	501	502	502	500	495	496	487	478	458	445	1974	2,026	2,015	2,005	2,004	2,000	2,001	2,008	1,949	1,957	1,945	1,886	1,826
1975	425	409	402	402	406	406	411	421	426	428	432	434	1975	1,784	1,724	1,710	1,686	1,677	1,669	1,664	1,682	1,692	1,705	1,708	1,722
1976	437	441	443	448	448	447	445	443	448	444	444	445	1976	1,731	1,744	1,761	1,772	1,778	1,775	1,775	1,781	1,788	1,790	1,797	1,803
1977	447	449	453	457	459	464	468	470	473	475	478	483	1977	1,815	1,826	1,836	1,852	1,866	1,877	1,891	1,898	1,903	1,914	1,927	1,938
1978	485	488	491	493	495	496	495	497	497	497	499	500	1978	1,948	1,960	1,971	1,981	1,988	2,001	2,017	2,025	2,030	2,042	2,055	2,062
1979	502	501	499	499	498	498	500	500	497	496	494	491	1979	2,074	2,087	2,100	2,104	2,113	2,132	2,139	2,110	2,136	2,139	2,134	2,141
1980	489	486	485	484	469	460	447	456	462	462	463	464	1980	2,141	2,136	2,145	2,138	2,105	2,074	2,064	2,074	2,078	2,087	2,096	2,103
1981	464	466	467										1981	2,110	2,110	2,117									
SIC 32—STONE, CLAY, AND GLASS PRODUCTS													SIC 37—TRANSPORTATION EQUIPMENT												
1974	729	727	724	717	716	711	714	710	702	693	683	670	1974	1,880	1,840	1,820	1,865	1,863	1,881	1,905	1,892	1,892	1,910	1,882	1,790
1975	653	642	627	624	624	620	618	624	630	630	629	629	1975	1,747	1,689	1,703	1,693	1,713	1,716	1,707	1,697	1,708	1,709	1,713	1,742
1976	635	634	637	642	643	645	647	649	651	650	651	650	1976	1,771	1,785	1,800	1,812	1,807	1,801	1,782	1,780	1,773	1,766	1,825	1,827
1977	650	641	658	665	668	674	676	674	677	676	680	684	1977	1,837	1,826	1,842	1,859	1,861	1,881	1,901	1,897	1,915	1,885	1,880	1,914
1978	688	689	689	696	699	700	702	700	701	704	706	709	1978	1,934	1,943	1,948	1,966	1,979	1,987	2,004	2,020	2,037	2,055	2,078	2,084
1979	706	708	713	710	714	715	713	713	708	707	700	698	1979	2,091	2,113	2,114	2,115	2,114	2,106	2,094	2,078	2,063	2,045	2,012	2,033
1980	697	697	689	676	663	650	645	651	656	655	658	655	1980	1,946	1,978	1,979	1,880	1,818	1,836	1,841	1,839	1,843	1,848	1,874	1,839
1981	654	654	651										1981	1,840	1,833	1,849									
SIC 33—PRIMARY METAL INDUSTRIES													SIC 38—INSTRUMENTS AND RELATED PRODUCTS												
1974	1,294	1,292	1,284	1,287	1,287	1,291	1,294	1,296	1,297	1,300	1,289	1,257	1974	582	588	590	594	595	598	598	600	598	595	587	581
1975	1,237	1,204	1,180	1,152	1,132	1,114	1,099	1,104	1,119	1,106	1,107	1,115	1975	573	564	554	549	543	541	542	541	544	549	551	552
1976	1,115	1,118	1,126	1,143	1,152	1,167	1,182	1,191	1,189	1,165	1,156	1,155	1976	555	558	563	569	574	576	577	579	583	586	590	594
1977	1,155	1,152	1,170	1,177	1,192	1,200	1,195	1,192	1,195	1,191	1,181	1,181	1977	599	605	608	610	614	614	617	618	622	623	625	629
1978	1,188	1,189	1,186	1,193	1,203	1,211	1,220	1,226	1,234	1,237	1,244	1,249	1978	632	635	638	643	647	652	657	661	663	667	671	674
1979	1,250	1,254	1,257	1,262	1,261	1,272	1,276	1,264	1,257	1,243	1,233	1,219	1979	677	680	682	685	686	692	694	697	698	701	700	703
1980	1,217	1,219	1,215	1,200	1,156	1,113	1,070	1,077	1,092	1,108	1,126	1,137	1980	705	708	711	710	708	705	708	707	709	709	712	712
1981	1,137	1,140	1,141										1981	713	711	712									
SIC 34—FABRICATED METAL PRODUCTS													SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES												
1974	1,665	1,661	1,654	1,656	1,649	1,652	1,657	1,644	1,632	1,627	1,605	1,559	1974	461	459	460	460	460	459	458	455	450	446	436	423
1975	1,503	1,486	1,461	1,458	1,450	1,443	1,415	1,446	1,460	1,461	1,458	1,462	1975	413	406	400	398	398	399	405	406	411	413	415	418
1976	1,474	1,487	1,498	1,507	1,511	1,513	1,518	1,521	1,537	1,516	1,525	1,529	1976	422	422	426	427	431	432	430	431	435	431	431	432
1977	1,539	1,538	1,552	1,556	1,571	1,582	1,594	1,601	1,605	1,613	1,618	1,627	1977	435	439	437	439	439	437	438	438	438	440	445	445
1978	1,633	1,645	1,649	1,659	1,670	1,668	1,675	1,680	1,690	1,695	1,701	1,710	1978	445	448	450	451	452	453	451	452	454	456	456	451
1979	1,717	1,718	1,718	1,722	1,727	1,734	1,730	1,719	1,719	1,713	1,705	1,696	1979	449	447	445	444	443	445	446	448	445	443	442	441
1980	1,681	1,683	1,682	1,654	1,607	1,575	1,545	1,567	1,575	1,578	1,582	1,581	1980	440	435	433	433	422	413	415	411	410	406	407	409
1981	1,579	1,577	1,581										1981	411	411	409									
SIC 35—MACHINERY, EXCEPT ELECTRICAL													SIC 20-23,26-31—NONDURABLE GOODS												
1974	2,177	2,181	2,195	2,198	2,201	2,220	2,211	2,225	2,227	2,240	2,226	2,195	1974	8,290	8,270	8,257	8,226	8,224	8,210	8,182	8,177	8,147	8,076	7,971	7,813
1975	2,162	2,138	2,110	2,089	2,059	2,034	2,009	2,010	2,021	2,026	2,014	2,010	1975	7,669	7,540	7,477	7,489	7,529	7,538	7,576	7,651	7,713	7,786	7,810	7,844
1976	2,020	2,027	2,036	2,046	2,059	2,066	2,070	2,079	2,104	2,075	2,100	2,105	1976	7,888	7,920	7,934	7,965	7,907	7,893	7,904	7,890	7,952	7,932	7,942	7,944
1977	2,118	2,125	2,132	2,138	2,157	2,162	2,184	2,199	2,207	2,215	2,224	2,242	1977	7,975	8,007	8,026	8,069	8,091	8,110	8,115	8,107	8,123	8,126	8,142	8,164
1978	2,246	2,254	2,268	2,286	2,295	2,318	2,331	2,343	2,361	2,389	2,402	2,422	1978	8,174	8,189	8,212	8,225	8,232	8,245	8,237	8,234	8,239	8,278	8,303	8,303
1979	2,437	2,452	2,462	2,478	2,488	2,504	2,521	2,520	2,528	2,489	2,473	2,472	1979	8,308	8,292	8,295	8,290	8,301	8,302	8,306	8,277	8,253	8,271	8,251	8,237
1980	2,538	2,531	2,529	2,517	2,525	2,488	2,462	2,454	2,463	2,481	2,489	2,490	1980	8,245	8,187	8,170	8,158	8,126	8,060	8,018	8,083	8,092	8,097	8,098	8,098
1981	2,487	2,481	2,480										1981	8,090	8,103	8,092									

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS													EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS												
SIC 20—FOOD AND KINDRED PRODUCTS													SIC 27—PRINTING AND PUBLISHING												
1974	1,728	1,723	1,732	1,719	1,717	1,703	1,690	1,702	1,706	1,699	1,688	1,677	1974	1,112	1,115	1,111	1,111	1,113	1,117	1,116	1,114	1,111	1,111	1,104	1,101
1975	1,655	1,642	1,642	1,644	1,648	1,649	1,651	1,665	1,669	1,675	1,675	1,674	1975	1,101	1,093	1,087	1,083	1,079	1,076	1,073	1,078	1,081	1,081	1,084	1,086
1976	1,680	1,686	1,671	1,683	1,692	1,689	1,698	1,699	1,696	1,692	1,694	1,690	1976	1,084	1,083	1,090	1,093	1,097	1,096	1,101	1,103	1,111	1,110	1,112	1,113
1977	1,697	1,703	1,703	1,715	1,713	1,720	1,718	1,715	1,720	1,706	1,711	1,716	1977	1,117	1,120	1,125	1,131	1,136	1,140	1,145	1,149	1,155	1,157	1,160	1,165
1978	1,722	1,724	1,732	1,732	1,723	1,723	1,722	1,712	1,714	1,717	1,732	1,740	1978	1,169	1,172	1,179	1,184	1,190	1,195	1,198	1,201	1,194	1,200	1,210	1,215
1979	1,740	1,734	1,738	1,735	1,736	1,732	1,729	1,725	1,728	1,735	1,732	1,730	1979	1,219	1,223	1,225	1,227	1,230	1,234	1,241	1,240	1,241	1,245	1,250	1,248
1980	1,725	1,724	1,715	1,706	1,709	1,696	1,708	1,720	1,712	1,711	1,705	1,701	1980	1,255	1,257	1,256	1,257	1,255	1,255	1,255	1,256	1,261	1,262	1,265	1,269
1981	1,696	1,705	1,691										1981	1,269	1,272	1,276									
SIC 21—TOBACCO MANUFACTURES													SIC 28—CHEMICALS AND ALLIED PRODUCTS												
1974	78	78	78	79	77	77	77	77	78	78	75	74	1974	1,055	1,055	1,058	1,055	1,059	1,063	1,066	1,069	1,070	1,068	1,060	1,047
1975	76	75	74	73	73	73	75	76	77	77	79	77	1975	1,035	1,025	1,013	1,006	1,008	1,004	1,003	1,009	1,012	1,021	1,021	1,023
1976	76	75	73	75	76	76	80	79	77	77	78	77	1976	1,029	1,035	1,040	1,040	1,038	1,036	1,044	1,049	1,047	1,049	1,051	1,054
1977	76	76	71	72	70	70	70	69	69	68	68	70	1977	1,057	1,063	1,067	1,072	1,075	1,076	1,078	1,078	1,079	1,081	1,080	1,082
1978	70	71	71	70	71	71	70	70	70	71	71	72	1978	1,085	1,088	1,088	1,090	1,095	1,096	1,098	1,099	1,100	1,100	1,103	1,105
1979	72	70	71	72	72	71	70	71	71	71	65	67	1979	1,105	1,104	1,103	1,105	1,108	1,114	1,112	1,111	1,110	1,113	1,114	1,114
1980	68	69	68	69	70	70	70	68	68	69	71	71	1980	1,116	1,114	1,115	1,117	1,113	1,107	1,099	1,097	1,101	1,102	1,103	1,105
1981	71	72	72										1981	1,106	1,109	1,108									
SIC 22—TEXTILE MILL PRODUCTS													SIC 29—PETROLEUM AND COAL PRODUCTS												
1974	1,006	998	994	989	985	982	975	970	960	934	912	878	1974	196	196	197	197	198	198	198	197	196	197	198	197
1975	842	825	820	836	853	857	864	880	894	910	913	918	1975	190	188	191	190	193	194	196	196	197	198	199	199
1976	925	929	928	931	928	923	919	916	914	908	905	905	1976	200	200	200	200	199	198	197	198	198	198	198	199
1977	904	907	911	916	915	915	915	910	908	909	909	907	1977	199	196	199	202	203	203	204	204	204	205	205	206
1978	907	906	904	900	899	897	898	897	898	897	896	895	1978	206	207	208	208	207	208	208	208	208	209	208	209
1979	896	893	891	887	886	888	886	882	878	879	879	878	1979	208	208	209	209	209	209	210	210	211	212	212	212
1980	875	873	874	871	858	837	828	844	843	845	844	842	1980	213	159	155	174	203	205	208	208	208	208	209	209
1981	841	839	838										1981	211	210	210									
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS												
1974	1,418	1,407	1,391	1,386	1,388	1,376	1,370	1,361	1,353	1,337	1,311	1,258	1974	702	706	701	699	700	707	705	706	699	691	672	650
1975	1,225	1,201	1,188	1,200	1,213	1,221	1,238	1,253	1,270	1,293	1,302	1,317	1975	634	602	589	592	594	593	594	606	617	623	624	629
1976	1,329	1,331	1,341	1,341	1,333	1,330	1,323	1,311	1,301	1,294	1,296	1,294	1976	636	643	652	659	599	600	596	597	671	672	674	678
1977	1,300	1,309	1,309	1,309	1,314	1,320	1,319	1,317	1,320	1,323	1,329	1,332	1977	687	693	699	706	714	717	720	717	722	727	730	734
1978	1,328	1,329	1,332	1,337	1,337	1,336	1,327	1,332	1,333	1,332	1,333	1,336	1978	736	738	742	746	749	755	755	759	762	766	772	777
1979	1,337	1,326	1,321	1,319	1,315	1,307	1,314	1,292	1,282	1,287	1,278	1,276	1979	779	782	783	783	790	788	796	789	779	777	772	765
1980	1,283	1,287	1,286	1,272	1,264	1,261	1,254	1,263	1,261	1,256	1,253	1,250	1980	763	759	761	757	728	709	692	708	717	722	725	729
1981	1,244	1,243	1,243										1981	730	731	734									
SIC 26—PAPER AND ALLIED PRODUCTS													SIC 31—LEATHER AND LEATHER PRODUCTS												
1974	715	714	716	714	712	713	712	708	707	699	689	676	1974	280	278	279	277	275	274	273	273	267	262	262	255
1975	664	648	637	629	627	632	632	638	643	650	652	658	1975	247	241	236	236	241	244	250	250	253	258	261	263
1976	663	669	671	673	677	679	678	678	679	679	681	681	1976	266	269	268	270	268	266	268	260	258	253	253	253
1977	683	685	686	691	694	695	694	696	695	694	693	696	1977	255	255	256	255	257	254	252	252	251	256	257	256
1978	696	697	699	700	704	706	706	696	697	690	697	699	1978	255	257	257	258	257	258	255	258	258	257	256	255
1979	699	702	704	705	706	709	711	712	710	710	708	707	1979	253	250	250	248	249	250	237	245	243	242	241	240
1980	708	706	703	699	693	689	682	687	689	691	692	692	1980	239	239	237	236	233	231	222	232	232	231	231	230
1981	691	691	689										1981	231	231	231									

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS														EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS													
SERVICE-PRODUCING ⁹														SIC 52-59—RETAIL TRADE													
1974		52,820	52,962	53,045	53,145	53,327	53,440	53,581	53,677	53,816	54,012	54,018	53,872	1974		12,449	12,440	12,475	12,507	12,537	12,553	12,603	12,596	12,644	12,707	12,668	12,522
1975		53,857	53,966	53,951	54,005	54,118	54,109	54,389	54,589	54,600	54,752	54,820	54,991	1975		12,504	12,514	12,521	12,529	12,537	12,609	12,665	12,738	12,736	12,780	12,795	12,867
1976		55,260	55,455	55,598	55,788	55,873	55,944	56,104	56,233	56,345	56,430	56,565	56,735	1976		12,954	13,046	13,069	13,155	13,190	13,186	13,234	13,296	13,324	13,327	13,335	13,385
1977		56,899	57,015	57,237	57,441	57,685	57,947	58,203	58,446	58,825	59,003	59,268	59,501	1977		13,458	13,490	13,588	13,651	13,721	13,784	13,839	13,907	13,966	14,012	14,089	14,175
1978		59,687	59,945	60,266	60,630	60,908	61,164	61,316	61,537	61,642	61,826	62,101	62,294	1978		14,229	14,258	14,325	14,416	14,508	14,585	14,660	14,698	14,723	14,768	14,831	14,859
1979		62,454	62,667	62,864	62,904	63,173	63,355	63,443	63,660	63,729	63,908	64,060	64,139	1979		14,906	14,939	14,968	14,981	14,990	14,963	14,951	14,969	14,997	15,053	15,084	15,075
1980		64,302	64,502	64,633	64,846	64,784	64,685	64,809	64,897	65,016	65,147	65,215	65,318	1980		15,066	15,109	15,081	15,047	15,043	15,013	15,094	15,139	15,160	15,165	15,168	15,170
1981		65,444	65,601	65,642										1981		15,224	15,287	15,319									
PRIVATE SERVICE-PRODUCING ¹⁰														FINANCE, INSURANCE, AND REAL ESTATE													
1974		38,865	38,964	39,018	39,090	39,241	39,329	39,446	39,484	39,508	39,666	39,630	39,457	1974		4,114	4,131	4,132	4,134	4,150	4,153	4,158	4,162	4,160	4,164	4,159	4,161
1975		39,373	39,359	39,333	39,349	39,430	39,459	39,680	39,859	39,871	39,991	40,061	40,196	1975		4,152	4,145	4,142	4,146	4,151	4,149	4,157	4,170	4,181	4,190	4,192	4,209
1976		40,427	40,612	40,742	40,938	41,034	41,112	41,259	41,358	41,475	41,529	41,626	41,788	1976		4,210	4,219	4,229	4,243	4,250	4,261	4,269	4,276	4,301	4,316	4,330	4,347
1977		41,971	42,086	42,307	42,500	42,681	42,868	43,061	43,264	43,532	43,675	43,900	44,109	1977		4,363	4,376	4,403	4,424	4,437	4,453	4,468	4,488	4,515	4,536	4,563	4,583
1978		44,219	44,415	44,667	44,964	45,191	45,432	45,585	45,814	45,949	46,116	46,370	46,543	1978		4,599	4,630	4,650	4,670	4,689	4,718	4,741	4,758	4,777	4,792	4,825	4,844
1979		46,676	46,866	47,043	47,042	47,275	47,408	47,447	47,597	47,698	47,876	48,004	48,059	1979		4,868	4,887	4,904	4,927	4,953	4,972	4,991	5,021	5,021	5,037	5,053	5,066
1980		48,194	48,345	48,387	48,389	48,428	48,367	48,587	48,708	48,823	48,898	48,973	49,082	1980		5,090	5,102	5,119	5,128	5,143	5,156	5,173	5,188	5,206	5,221	5,235	5,254
1981		49,221	49,361	49,438										1981		5,268	5,283	5,293									
TRANSPORTATION AND PUBLIC UTILITIES														SERVICES													
1974		4,743	4,740	4,731	4,729	4,732	4,732	4,735	4,736	4,706	4,719	4,712	4,687	1974		13,175	13,247	13,271	13,305	13,395	13,450	13,504	13,537	13,550	13,616	13,630	13,646
1975		4,642	4,595	4,562	4,547	4,539	4,521	4,518	4,522	4,519	4,518	4,525	4,500	1975		13,651	13,699	13,720	13,741	13,815	13,795	13,938	14,018	14,001	14,062	14,095	14,155
1976		4,535	4,549	4,558	4,568	4,566	4,576	4,592	4,596	4,613	4,598	4,606	4,628	1976		14,247	14,297	14,372	14,438	14,483	14,542	14,610	14,636	14,663	14,711	14,771	14,834
1977		4,641	4,653	4,655	4,678	4,700	4,708	4,723	4,730	4,768	4,751	4,766	4,782	1977		14,901	14,948	15,022	15,089	15,147	15,227	15,313	15,401	15,523	15,606	15,689	15,754
1978		4,800	4,822	4,855	4,896	4,904	4,938	4,904	4,934	4,955	4,998	5,023	5,041	1978		15,760	15,848	15,955	16,071	16,150	16,227	16,304	16,418	16,470	16,505	16,611	16,694
1979		5,057	5,077	5,094	5,011	5,109	5,167	5,165	5,181	5,184	5,187	5,200	5,195	1979		16,717	16,820	16,914	16,958	17,033	17,096	17,118	17,197	17,262	17,352	17,401	17,475
1980		5,185	5,176	5,174	5,173	5,156	5,129	5,119	5,126	5,124	5,129	5,114	5,118	1980		17,582	17,667	17,720	17,760	17,813	17,816	17,940	17,981	18,043	18,087	18,160	18,240
1981		5,124	5,135	5,139										1981		18,300	18,343	18,371									
WHOLESALE AND RETAIL TRADE														GOVERNMENT													
1974		16,833	16,846	16,884	16,922	16,964	16,994	17,049	17,049	17,092	17,167	17,129	16,963	1974		13,955	13,998	14,027	14,055	14,086	14,111	14,135	14,193	14,308	14,346	14,388	14,415
1975		16,928	16,920	16,909	16,915	16,925	16,994	17,067	17,149	17,170	17,221	17,249	17,332	1975		14,484	14,607	14,618	14,656	14,688	14,650	14,709	14,730	14,729	14,761	14,759	14,795
1976		17,435	17,547	17,583	17,689	17,735	17,733	17,788	17,850	17,898	17,904	17,919	17,979	1976		14,833	14,843	14,856	14,850	14,839	14,832	14,845	14,875	14,870	14,901	14,939	14,947
1977		18,066	18,109	18,227	18,309	18,397	18,480	18,557	18,645	18,726	18,782	18,882	18,990	1977		14,928	14,929	14,930	14,941	15,004	15,079	15,142	15,182	15,293	15,328	15,368	15,392
1978		19,060	19,115	19,207	19,327	19,448	19,549	19,636	19,704	19,747	19,821	19,911	19,964	1978		15,468	15,530	15,599	15,666	15,717	15,732	15,731	15,723	15,693	15,710	15,731	15,751
1979		20,034	20,082	20,131	20,146	20,180	20,173	20,198	20,231	20,300	20,350	20,350	20,323	1979		15,778	15,801	15,821	15,862	15,898	15,947	15,996	16,063	16,031	16,032	16,056	16,080
1980		20,337	20,400	20,374	20,328	20,316	20,266	20,355	20,413	20,450	20,461	20,464	20,470	1980		16,108	16,157	16,246	16,457	16,356	16,318	16,222	16,189	16,193	16,249	16,242	16,236
1981		20,529	20,600	20,635										1981		16,223	16,240	16,204									
SIC 50,51—WHOLESALE TRADE														SIC 91—FEDERAL GOVERNMENT													
1974		4,384	4,406	4,409	4,415	4,427	4,441	4,446	4,453	4,448	4,460	4,461	4,441	1974		2,683	2,699	2,705	2,711	2,719	2,723	2,729	2,732	2,739	2,737	2,738	2,738
1975		4,424	4,406	4,388	4,386	4,388	4,385	4,402	4,411	4,434	4,441	4,454	4,465	1975		2,735	2,736	2,737	2,737	2,739	2,738	2,750	2,750	2,756	2,757	2,754	2,753
1976		4,481	4,501	4,514	4,534	4,545	4,547	4,554	4,554	4,574	4,577	4,584	4,594	1976		2,750	2,744	2,739	2,736	2,733	2,723	2,723	2,724	2,727	2,726	2,732	2,728
1977		4,608	4,619	4,639	4,658	4,676	4,696	4,718	4,738	4,760	4,770	4,793	4,815	1977		2,724	2,725	2,729	2,722	2,725	2,726	2,720	2,721	2,731	2,729	2,730	2,732
1978		4,831	4,857	4,882	4,911	4,940	4,964	4,976	5,006	5,024	5,053	5,080	5,105	1978		2,738	2,741	2,740	2,742	2,753	2,760	2,761	2,750	2,764	2,764	2,762	2,745
1979		5,128	5,143	5,163	5,165	5,190	5,210	5,222	5,229	5,234	5,247	5,266	5,248	1979		2,757	2,760	2,754	2,750	2,769	2,780	2,783	2,795	2,776	2,776	2,778	2,786
1980		5,271	5,291	5,293	5,281	5,273	5,253	5,261	5,274	5,290	5,296	5,296	5,300	1980		2,790	2,824	2,882	3,100	2,960	2,951	2,893	2,808	2,784	2,795	2,796	2,800
1981		5,305	5,313	5,316										19													

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS														WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS													
SIC 92,93—STATE AND LOCAL GOVERNMENT														MINING													
1974		11,272	11,299	11,322	11,344	11,367	11,388	11,406	11,461	11,569	11,609	11,650	11,677	1974		45	45	46	46	48	48	49	50	50	50	52	52
1975		11,749	11,871	11,881	11,919	11,949	11,912	11,959	11,980	11,973	12,004	12,005	12,042	1975		52	53	53	54	54	54	55	55	56	56	57	58
1976		12,083	12,099	12,117	12,114	12,106	12,109	12,122	12,151	12,143	12,175	12,207	12,219	1976		59	60	59	58	59	60	60	61	61	61	62	62
1977		12,204	12,204	12,201	12,219	12,279	12,353	12,422	12,461	12,562	12,599	12,638	12,660	1977		62	63	63	63	63	65	66	67	67	67	69	67
1978		12,730	12,789	12,859	12,924	12,964	12,972	12,970	12,973	12,929	12,946	12,969	13,006	1978		69	70	70	73	74	76	77	78	80	81	82	83
1979		13,021	13,041	13,067	13,112	13,129	13,167	13,213	13,268	13,255	13,256	13,278	13,294	1979		85	84	87	87	89	90	92	94	93	95	96	96
1980		13,318	13,333	13,364	13,357	13,396	13,367	13,329	13,381	13,409	13,454	13,446	13,436	1980		97	98	100	101	102	103	104	105	107	108	111	113
1981		13,424	13,445	13,423										1981		115	117	119									
WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS														CONSTRUCTION													
1974														1974		256	258	262	263	264	265	264	263	263	263	260	260
1975														1975		257	255	254	252	253	251	253	254	258	262	263	265
1976														1976		267	272	273	276	278	281	283	287	287	287	289	290
1977														1977		290	292	293	295	298	304	307	308	310	313	315	318
1978														1978		323	325	329	330	331	332	334	334	333	335	335	336
1979														1979		338	341	344	347	351	356	360	361	363	363	367	368
1980														1980		371	372	374	376	376	375	374	379	381	384	388	390
1981														1981		391	392	394									
TOTAL														MANUFACTURING													
1974		29,700	29,777	29,863	29,943	30,080	30,130	30,277	30,320	30,457	30,480	30,373	30,147	1974		5,976	5,950	5,931	5,921	5,935	5,925	5,914	5,874	5,852	5,788	5,656	5,486
1975		30,029	29,998	29,950	29,851	29,950	29,962	30,041	30,245	30,334	30,512	30,573	30,678	1975		5,332	5,212	5,140	5,140	5,153	5,163	5,186	5,256	5,314	5,367	5,395	5,435
1976		30,892	31,021	31,142	31,468	31,500	31,595	31,761	31,819	31,757	31,816	31,967	32,149	1976		5,492	5,528	5,568	5,603	5,620	5,622	5,633	5,639	5,650	5,636	5,651	5,665
1977		32,299	32,470	32,663	32,799	32,974	33,191	33,356	33,489	33,719	33,859	34,024	34,216	1977		5,708	5,751	5,788	5,830	5,853	5,879	5,909	5,911	5,944	5,969	6,004	6,042
1978		34,360	34,521	34,730	34,982	35,180	35,383	35,466	35,572	35,743	35,893	36,101	36,262	1978		6,076	6,098	6,134	6,170	6,200	6,234	6,251	6,273	6,305	6,341	6,380	6,407
1979		36,402	36,509	36,662	36,784	36,901	37,051	37,229	37,424	37,333	37,511	37,665	37,739	1979		6,428	6,429	6,447	6,452	6,475	6,497	6,519	6,473	6,472	6,489	6,468	6,469
1980		37,880	38,053	38,122	38,195	38,094	38,045	38,141	38,269	38,425	38,473	38,570	38,657	1980		6,480	6,473	6,472	6,422	6,317	6,226	6,203	6,237	6,248	6,262	6,279	6,292
1981		38,780	38,877	38,931										1981		6,300	6,305	6,310									
TOTAL PRIVATE														SIC 24,25,32-39—DURABLE GOODS													
1974		23,598	23,642	23,717	23,780	23,895	23,930	23,986	23,999	24,044	24,071	23,938	23,696	1974		2,667	2,655	2,652	2,655	2,661	2,667	2,671	2,637	2,636	2,608	2,539	2,448
1975		23,552	23,471	23,417	23,402	23,498	23,542	23,682	23,812	23,924	24,050	24,112	24,233	1975		2,374	2,304	2,264	2,242	2,230	2,229	2,225	2,251	2,281	2,296	2,306	2,325
1976		24,421	24,570	24,674	24,836	24,901	24,974	25,098	25,154	25,227	25,231	25,322	25,432	1976		2,351	2,375	2,404	2,425	2,448	2,454	2,456	2,476	2,492	2,493	2,506	2,517
1977		25,574	25,714	25,877	25,994	26,132	26,284	26,412	26,508	26,714	26,823	26,980	27,147	1977		2,542	2,563	2,585	2,610	2,629	2,645	2,666	2,675	2,695	2,714	2,734	2,764
1978		27,275	27,393	27,571	27,766	27,926	28,090	28,235	28,383	28,503	28,647	28,839	28,979	1978		2,789	2,802	2,824	2,843	2,868	2,893	2,910	2,928	2,952	2,978	3,003	3,020
1979		29,102	29,194	29,328	29,420	29,532	29,651	29,722	29,789	29,861	30,001	30,064	30,118	1979		3,034	3,054	3,069	3,077	3,093	3,113	3,125	3,101	3,116	3,116	3,108	3,113
1980		30,236	30,375	30,398	30,384	30,338	30,288	30,398	30,506	30,614	30,692	30,786	30,875	1980		3,116	3,112	3,115	3,082	3,002	2,948	2,934	2,942	2,956	2,973	2,990	3,000
1981		30,999	31,092	31,160										1981		3,008	3,013	3,020									
GOODS-PRODUCING ¹														SIC 24—LUMBER AND WOOD PRODUCTS													
1974		6,277	6,253	6,239	6,230	6,247	6,238	6,227	6,187	6,165	6,101	5,968	5,798	1974		93	93	94	93	93	92	92	89	87	83	78	77
1975		5,641	5,519	5,447	5,446	5,460	5,469	5,495	5,566	5,628	5,685	5,715	5,757	1975		74	73	73	74	74	75	75	76	77	78	78	78
1976		5,818	5,860	5,900	5,937	5,957	5,963	5,976	5,986	5,998	5,984	6,001	6,017	1976		82	82	83	83	84	85	88	88	88	88	90	90
1977		6,060	6,106	6,144	6,188	6,214	6,248	6,282	6,286	6,321	6,349	6,388	6,427	1977		91	92	93	94	96	96	98	97	99	101	102	103
1978		6,468	6,493	6,533	6,573	6,605	6,642	6,662	6,685	6,718	6,757	6,797	6,826	1978		104	104	105	106	107	108	108	109	108	109	111	112
1979		6,851	6,854	6,878	6,886	6,915	6,943	6,971	6,928	6,928	6,947	6,931	6,933	1979		112	113	115	115	116	116	116	116	116	117	114	112
1980		6,948	6,943	6,946	6,899	6,795	6,704	6,681	6,721	6,736	6,754	6,778	6,795	1980		111	112	112	105	100	97	98	101	102	102	102	103
1981		6,806	6,814	6,823										1981		104	104	104									

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS														WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS													
SIC 25—FURNITURE AND FIXTURES														SIC 37—TRANSPORTATION EQUIPMENT													
1974		138	137	138	138	139	139	138	138	137	133	126	122	1974		226	222	219	222	225	229	232	234	237	239	237	223
1975		116	112	108	109	110	111	112	115	117	118	120	120	1975		218	214	211	209	213	212	213	214	212	213	212	217
1976		121	122	122	123	124	122	123	122	124	123	123	123	1976		221	224	229	232	233	234	226	239	236	237	242	243
1977		125	125	127	128	129	131	131	132	134	135	135	138	1977		246	249	250	255	254	259	262	263	267	266	265	272
1978		139	141	141	142	144	144	144	145	146	146	147	147	1978		277	277	282	282	288	291	296	299	305	311	316	319
1979		148	148	147	146	146	147	148	148	147	146	146	145	1979		322	326	327	328	330	329	328	317	321	318	315	315
1980		145	143	143	144	139	136	133	135	137	137	138	139	1980		310	312	309	298	286	284	288	288	287	292	296	291
1981		139	141	141										1981		292	294	295									
SIC 32—STONE, CLAY, AND GLASS PRODUCTS														SIC 38—INSTRUMENTS AND RELATED PRODUCTS													
1974		125	125	125	124	124	124	125	124	124	121	119	116	1974		241	243	245	245	245	246	246	247	247	243	238	234
1975		114	111	109	108	107	107	106	109	111	111	111	112	1975		230	224	218	217	215	213	214	216	218	220	222	224
1976		113	114	115	115	117	117	118	118	118	119	119	119	1976		226	227	230	234	237	236	237	237	239	241	242	244
1977		120	119	122	123	124	124	125	125	125	125	127	125	1977		245	249	250	251	254	254	256	255	257	258	258	262
1978		128	128	128	130	131	131	132	132	132	132	132	133	1978		264	265	268	270	272	276	278	280	282	283	286	287
1979		132	133	134	134	135	135	135	134	134	134	133	134	1979		288	290	291	292	293	295	296	298	298	299	299	300
1980		133	132	132	130	127	124	122	124	125	125	126	125	1980		301	302	305	305	303	299	302	301	301	302	302	304
1981		126	127	126										1981		303	302	302									
SIC 33—PRIMARY METAL INDUSTRIES														SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													
1974		107	105	103	105	105	106	106	107	106	106	106	101	1974		212	210	210	210	210	211	209	208	205	205	201	190
1975		99	96	94	93	93	92	91	92	92	93	93	94	1975		183	182	180	179	180	181	186	186	188	190	191	194
1976		96	97	98	100	101	102	103	105	105	104	104	104	1976		195	197	197	197	200	199	199	199	201	200	198	200
1977		104	105	107	109	110	112	112	111	112	113	113	114	1977		202	205	203	204	204	203	203	202	201	203	205	207
1978		115	115	116	117	118	120	122	124	125	126	128	130	1978		208	210	212	212	213	214	214	214	216	217	217	214
1979		131	132	132	134	135	138	137	137	135	135	134	132	1979		213	212	211	212	210	211	211	212	210	210	209	209
1980		132	132	132	131	124	121	116	118	121	122	124	124	1980		209	206	205	204	199	193	194	191	190	189	188	191
1981		124	124	124										1981		192	191	191									
SIC 34—FABRICATED METAL PRODUCTS														SIC 20-23,26-31—NONDURABLE GOODS													
1974		318	314	314	313	315	315	317	314	311	308	299	289	1974		3,309	3,295	3,279	3,266	3,274	3,258	3,243	3,237	3,216	3,180	3,117	3,038
1975		278	271	265	264	262	263	264	268	269	271	273	273	1975		2,958	2,908	2,876	2,898	2,923	2,934	2,961	3,005	3,033	3,071	3,089	3,110
1976		278	282	285	289	291	291	294	294	296	296	298	300	1976		3,141	3,153	3,164	3,178	3,172	3,168	3,177	3,163	3,158	3,143	3,145	3,148
1977		303	304	308	310	313	315	317	321	323	325	326	329	1977		3,166	3,188	3,203	3,220	3,224	3,234	3,243	3,236	3,249	3,255	3,270	3,278
1978		331	334	335	338	342	344	343	345	346	349	350	352	1978		3,287	3,296	3,310	3,327	3,332	3,341	3,341	3,345	3,353	3,363	3,377	3,387
1979		353	355	356	357	360	362	363	362	359	359	358	356	1979		3,394	3,375	3,378	3,375	3,382	3,384	3,394	3,372	3,356	3,373	3,360	3,356
1980		356	353	354	346	331	322	320	326	329	330	330	331	1980		3,364	3,361	3,357	3,340	3,315	3,278	3,269	3,295	3,292	3,289	3,289	3,292
1981		330	331	333										1981		3,292	3,292	3,290									
SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT														SIC 20—FOOD AND KINDRED PRODUCTS													
1974		848	846	840	838	834	831	831	798	801	787	758	725	1974		475	472	477	468	469	461	457	462	464	463	457	453
1975		703	672	661	648	641	639	640	649	656	662	666	676	1975		441	439	438	441	444	445	446	456	456	459	456	454
1976		683	691	703	711	716	717	718	722	727	727	728	730	1976		461	464	461	464	468	468	473	472	470	466	464	463
1977		738	743	752	761	768	771	780	783	787	793	801	807	1977		467	472	476	482	477	480	480	478	482	479	484	486
1978		812	817	821	825	830	835	842	848	853	859	865	868	1978		490	491	494	495	491	494	497	491	494	498	506	509
1979		874	880	886	889	896	906	914	901	913	915	914	920	1979		512	507	510	510	513	513	511	509	507	516	513	514
1980		919	918	921	919	897	881	876	877	878	882	888	892	1980		513	514	510	507	508	499	505	515	509	508	506	505
1981		897	898	902										1981		505	505	500									

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS													WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS												
SIC 21—TOBACCO MANUFACTURES													SIC 28—CHEMICALS AND ALLIED PRODUCTS												
1974	32	32	32	32	31	31	31	31	31	31	29	29	1974	226	226	226	228	230	231	231	231	230	229	226	223
1975	30	29	29	28	28	28	29	31	30	30	31	30	1975	217	217	215	216	216	217	217	218	219	220	222	223
1976	30	29	27	28	29	29	31	30	29	28	29	28	1976	224	226	227	228	226	226	228	231	232	233	235	237
1977	27	28	26	27	26	26	26	25	25	25	25	26	1977	239	242	243	245	244	245	246	247	248	248	248	249
1978	26	26	26	26	26	26	25	25	26	26	26	27	1978	250	251	253	255	257	258	260	261	261	263	264	265
1979	26	25	26	26	26	25	25	26	26	26	23	24	1979	266	266	267	268	270	272	273	272	272	273	275	276
1980	24	24	24	25	25	25	25	24	25	25	26	25	1980	276	277	277	277	276	276	276	275	276	277	278	280
1981	26	26	26										1981	281	282	283									
SIC 22—TEXTILE MILL PRODUCTS													SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS												
1974	469	466	462	460	458	458	453	450	445	435	421	405	1974	232	230	228	230	231	233	232	233	228	226	214	205
1975	385	378	375	382	391	392	395	404	409	417	418	420	1975	195	185	181	183	184	186	187	195	199	199	201	204
1976	425	427	427	429	428	425	425	422	421	419	419	422	1976	208	210	213	216	213	214	216	222	222	222	224	224
1977	421	423	425	427	426	426	426	424	424	426	426	424	1977	227	229	232	234	237	238	241	239	241	242	244	248
1978	426	425	425	424	423	423	424	424	424	424	423	423	1978	249	251	253	256	258	261	263	265	266	268	271	273
1979	422	421	420	418	418	419	418	418	416	416	416	416	1979	273	274	275	275	278	279	284	278	272	271	269	266
1980	414	414	414	413	407	395	392	399	398	398	398	398	1980	266	264	264	262	248	239	236	241	244	246	247	249
1981	397	396	395										1981	250	250	252									
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													SIC 31—LEATHER AND LEATHER PRODUCTS												
1974	1,146	1,139	1,126	1,121	1,123	1,114	1,110	1,103	1,095	1,081	1,060	1,018	1974	171	170	171	170	169	168	167	166	163	158	158	153
1975	993	971	958	970	980	986	1,001	1,012	1,026	1,046	1,056	1,067	1975	149	145	142	142	145	147	150	152	153	156	158	160
1976	1,079	1,079	1,088	1,087	1,081	1,078	1,073	1,062	1,052	1,048	1,048	1,046	1976	162	163	162	163	162	161	164	157	156	153	153	153
1977	1,052	1,058	1,060	1,061	1,064	1,067	1,067	1,065	1,069	1,070	1,075	1,077	1977	154	153	154	153	155	152	152	151	151	154	155	154
1978	1,075	1,076	1,079	1,085	1,084	1,085	1,078	1,082	1,084	1,083	1,084	1,084	1978	154	155	154	155	156	157	156	157	157	157	156	155
1979	1,086	1,074	1,070	1,067	1,064	1,058	1,067	1,048	1,040	1,045	1,038	1,033	1979	154	152	152	151	152	152	144	148	147	147	146	145
1980	1,041	1,042	1,042	1,031	1,025	1,021	1,018	1,020	1,016	1,012	1,008	1,006	1980	145	144	144	143	141	139	134	139	138	137	137	137
1981	1,004	1,001	1,001										1981	137	138	137									
SIC 26—PAPER AND ALLIED PRODUCTS													SERVICE-PRODUCING⁹												
1974	149	149	149	149	149	148	148	147	147	145	142	140	1974	23,423	23,524	23,624	23,713	23,833	23,892	24,050	24,133	24,292	24,379	24,405	24,349
1975	137	134	131	129	129	128	130	131	133	134	136	137	1975	24,388	24,479	24,503	24,405	24,490	24,493	24,546	24,679	24,706	24,827	24,858	24,921
1976	139	141	142	143	144	145	145	145	146	145	146	147	1976	25,074	25,161	25,242	25,531	25,543	25,632	25,785	25,833	25,759	25,832	25,966	26,132
1977	146	148	149	150	151	152	152	153	153	153	154	155	1977	26,239	26,364	26,519	26,611	26,760	26,943	27,074	27,203	27,398	27,510	27,636	27,789
1978	155	156	156	158	160	159	159	158	159	158	159	160	1978	27,892	28,028	28,197	28,409	28,575	28,741	28,804	28,887	29,025	29,136	29,304	29,436
1979	160	160	161	161	161	162	163	163	163	163	162	161	1979	29,551	29,655	29,784	29,898	29,986	30,108	30,258	30,496	30,405	30,564	30,734	30,806
1980	162	162	162	161	160	157	156	157	158	158	159	159	1980	30,932	31,110	31,176	31,296	31,299	31,341	31,460	31,548	31,689	31,719	31,792	31,862
1981	159	160	160										1981	31,974	32,063	32,108									
SIC 27—PRINTING AND PUBLISHING													PRIVATE SERVICE-PRODUCING¹⁰												
1974	391	393	390	390	395	395	395	395	394	393	391	392	1974	17,321	17,389	17,478	17,550	17,648	17,692	17,759	17,812	17,879	17,970	17,970	17,898
1975	392	391	388	388	386	385	386	386	388	390	391	393	1975	17,911	17,952	17,970	17,956	18,038	18,073	18,187	18,246	18,296	18,365	18,397	18,476
1976	393	394	397	400	401	402	403	407	409	408	408	409	1976	18,603	18,710	18,774	18,899	18,944	19,011	19,122	19,168	19,229	19,247	19,321	19,415
1977	411	413	415	418	421	424	428	429	432	434	435	435	1977	19,514	19,608	19,733	19,806	19,918	20,036	20,130	20,222	20,393	20,474	20,592	20,720
1978	438	441	446	449	452	453	454	457	457	461	463	466	1978	20,807	20,900	21,038	21,193	21,321	21,448	21,573	21,698	21,785	21,890	22,042	22,153
1979	470	471	472	474	474	477	482	483	486	489	491	493	1979	22,251	22,340	22,450	22,534	22,617	22,708	22,751	22,861	22,933	23,054	23,133	23,185
1980	495	497	497	497	498	499	498	497	500	500	502	504	1980	23,288	23,432	23,452	23,485	23,543	23,584	23,717	23,785	23,878	23,938	24,008	24,080
1981	504	505	507										1981	24,193	24,278	24,337									

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS													WOMEN EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY DIVISION AND SELECTED GROUPS, SEASONALLY ADJUSTED, IN THOUSANDS												
TRANSPORTATION AND PUBLIC UTILITIES													SERVICES												
1974	1,015	1,017	1,015	1,011	1,016	1,018	1,023	1,022	1,018	1,021	1,020	1,020	1974	7,233	7,251	7,313	7,363	7,425	7,444	7,467	7,518	7,559	7,608	7,629	7,644
1975	1,010	1,005	999	999	996	993	992	992	994	993	995	989	1975	7,640	7,697	7,719	7,738	7,779	7,786	7,860	7,874	7,896	7,932	7,951	7,987
1976	1,001	1,002	1,005	1,003	1,009	1,008	1,011	1,012	1,014	1,010	1,021	1,025	1976	8,043	8,069	8,110	8,172	8,194	8,254	8,313	8,327	8,345	8,370	8,414	8,462
1977	1,028	1,025	1,032	1,038	1,044	1,049	1,055	1,058	1,063	1,066	1,071	1,081	1977	8,512	8,571	8,612	8,632	8,680	8,737	8,777	8,810	8,916	8,952	9,002	9,047
1978	1,086	1,095	1,102	1,114	1,117	1,130	1,134	1,146	1,153	1,166	1,171	1,182	1978	9,077	9,124	9,189	9,251	9,302	9,345	9,397	9,454	9,488	9,519	9,598	9,667
1979	1,201	1,208	1,213	1,205	1,219	1,241	1,243	1,250	1,258	1,259	1,270	1,270	1979	9,684	9,733	9,786	9,824	9,861	9,899	9,917	9,977	10,022	10,075	10,104	10,146
1980	1,273	1,278	1,281	1,283	1,288	1,286	1,287	1,290	1,295	1,312	1,307	1,311	1980	10,211	10,288	10,301	10,338	10,382	10,399	10,495	10,526	10,582	10,613	10,671	10,720
1981	1,310	1,314	1,318										1981	10,765	10,803	10,830									
WHOLESALE AND RETAIL TRADE													GOVERNMENT												
1974	6,879	6,904	6,927	6,947	6,967	6,983	7,017	7,011	7,039	7,072	7,048	6,961	1974	6,102	6,135	6,146	6,163	6,185	6,200	6,291	6,321	6,413	6,409	6,435	6,451
1975	6,991	6,978	6,981	6,944	6,986	7,020	7,052	7,091	7,106	7,133	7,145	7,178	1975	6,477	6,527	6,533	6,449	6,452	6,420	6,359	6,433	6,410	6,462	6,461	6,445
1976	7,230	7,305	7,317	7,374	7,380	7,383	7,424	7,447	7,471	7,472	7,480	7,514	1976	6,471	6,451	6,468	6,632	6,599	6,621	6,663	6,665	6,530	6,585	6,645	6,717
1977	7,548	7,573	7,633	7,665	7,712	7,749	7,783	7,824	7,861	7,886	7,929	7,989	1977	6,725	6,756	6,786	6,805	6,842	6,907	6,944	6,981	7,005	7,036	7,044	7,069
1978	8,028	8,046	8,097	8,163	8,220	8,274	8,323	8,362	8,393	8,440	8,487	8,507	1978	7,085	7,128	7,159	7,216	7,254	7,293	7,231	7,189	7,240	7,246	7,262	7,283
1979	8,559	8,583	8,622	8,669	8,683	8,690	8,700	8,720	8,732	8,782	8,808	8,812	1979	7,300	7,315	7,334	7,364	7,369	7,400	7,507	7,635	7,472	7,510	7,601	7,621
1980	8,823	8,867	8,861	8,843	8,844	8,871	8,891	8,915	8,936	8,935	8,941	8,946	1980	7,644	7,678	7,724	7,811	7,756	7,757	7,743	7,763	7,811	7,781	7,784	7,782
1981	8,998	9,031	9,051										1981	7,781	7,785	7,771									
SIC 50,51—WHOLESALE TRADE													SIC 91—FEDERAL GOVERNMENT												
1974	1,026	1,032	1,035	1,037	1,041	1,045	1,049	1,051	1,045	1,050	1,053	1,051	1974	784	790	792	778	791	797	804	806	809	808	808	806
1975	1,043	1,040	1,038	1,037	1,037	1,046	1,046	1,051	1,058	1,058	1,058	1,065	1975	800	802	807	810	813	806	772	807	811	811	809	812
1976	1,072	1,080	1,082	1,088	1,091	1,091	1,095	1,097	1,100	1,100	1,103	1,108	1976	809	804	800	801	785	801	800	804	810	809	819	853
1977	1,114	1,116	1,122	1,130	1,134	1,144	1,150	1,157	1,161	1,163	1,171	1,178	1977	846	848	853	862	863	861	864	862	852	854	856	853
1978	1,184	1,193	1,203	1,218	1,224	1,233	1,235	1,245	1,251	1,270	1,280	1,288	1978	857	860	861	864	870	873	874	870	872	869	868	859
1979	1,297	1,298	1,306	1,308	1,314	1,319	1,325	1,328	1,330	1,329	1,340	1,338	1979	856	855	852	852	857	859	861	872	863	863	863	868
1980	1,347	1,355	1,358	1,359	1,362	1,359	1,367	1,367	1,371	1,374	1,370	1,378	1980	871	886	911	1,001	942	939	918	893	879	883	886	887
1981	1,375	1,378	1,377										1981	887	885	878									
SIC 52-59—RETAIL TRADE													SIC 92,93—STATE AND LOCAL GOVERNMENT												
1974	5,853	5,872	5,892	5,910	5,926	5,938	5,968	5,960	5,994	6,022	5,995	5,910	1974	5,318	5,345	5,354	5,385	5,394	5,403	5,487	5,515	5,604	5,601	5,627	5,645
1975	5,948	5,938	5,943	5,907	5,949	5,983	6,006	6,045	6,055	6,075	6,087	6,113	1975	5,677	5,725	5,726	5,639	5,639	5,614	5,587	5,626	5,599	5,651	5,652	5,633
1976	6,158	6,225	6,235	6,286	6,289	6,292	6,329	6,350	6,371	6,372	6,377	6,406	1976	5,662	5,647	5,668	5,831	5,814	5,820	5,863	5,861	5,720	5,776	5,826	5,864
1977	6,434	6,457	6,511	6,535	6,578	6,605	6,633	6,667	6,700	6,723	6,758	6,811	1977	5,879	5,908	5,933	5,943	5,979	6,046	6,080	6,119	6,153	6,182	6,188	6,216
1978	6,844	6,853	6,894	6,945	6,996	7,041	7,088	7,117	7,142	7,170	7,207	7,219	1978	6,228	6,268	6,298	6,352	6,384	6,420	6,357	6,319	6,368	6,377	6,394	6,424
1979	7,262	7,285	7,316	7,361	7,369	7,371	7,375	7,392	7,402	7,453	7,468	7,474	1979	6,444	6,460	6,482	6,512	6,512	6,541	6,646	6,763	6,609	6,647	6,738	6,753
1980	7,476	7,512	7,503	7,484	7,482	7,512	7,524	7,548	7,565	7,561	7,571	7,568	1980	6,773	6,792	6,813	6,810	6,814	6,818	6,825	6,870	6,932	6,898	6,898	6,895
1981	7,623	7,653	7,674										1981	6,894	6,900	6,893									
FINANCE, INSURANCE, AND REAL ESTATE													PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS												
1974	2,194	2,217	2,223	2,229	2,240	2,247	2,252	2,261	2,263	2,269	2,273	2,273	TOTAL PRIVATE²												
1975	2,270	2,272	2,271	2,275	2,277	2,274	2,283	2,289	2,300	2,307	2,306	2,322	1974	52,890	52,978	52,936	52,941	53,013	53,042	52,999	52,986	52,906	52,896	52,476	51,804
1976	2,329	2,334	2,342	2,350	2,361	2,366	2,374	2,382	2,399	2,395	2,406	2,414	1975	51,398	50,861	50,568	50,426	50,525	50,735	51,051	51,217	51,422	51,499	51,728	
1977	2,426	2,439	2,456	2,471	2,482	2,501	2,515	2,530	2,553	2,570	2,590	2,603	1976	52,107	52,346	52,517	52,769	52,782	52,821	53,010	53,039	53,283	53,194	53,375	53,509
1978	2,616	2,635	2,650	2,665	2,682	2,699	2,719	2,736	2,751	2,765	2,786	2,797	1977	53,718	53,922	54,302	54,647	54,913	55,172	55,387	55,544	55,875	55,990	56,253	56,400
1979	2,807	2,816	2,829	2,836	2,854	2,878	2,891	2,914	2,921	2,938	2,951	2,957	1978	56,530	56,702	57,084	57,702	57,911	58,204	58,404	58,620	58,797	58,981	59,331	59,537
1980	2,981	2,999	3,009	3,021	3,029	3,028	3,044	3,054	3,065	3,078	3,089	3,103	1979	59,670	59,831	60,135	60,064	60,327	60,493	60,551	60,572	60,623	60,721	60,712	60,769
1981	3,120	3,130	3,138																						

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS														PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS													
TOTAL PRIVATE ²														SIC 24,25,32-39—DURABLE GOODS													
1980		60,840	60,952	60,835	60,560	60,258	59,945	59,945	60,182	60,368	60,464	60,598	60,667	1980		8,871	8,872	8,867	8,642	8,387	8,232	8,131	8,176	8,229	8,259	8,320	8,301
1981		60,807	60,870	60,961										1981		8,306	8,297	8,325									
GOODS-PRODUCING ⁴														SIC 24—LUMBER AND WOOD PRODUCTS													
1974		18,913	18,909	18,820	18,761	18,707	18,650	18,545	18,483	18,378	18,233	17,881	17,376	1974		642	644	646	645	639	628	622	609	595	566	539	525
1975		17,051	16,551	16,290	16,147	16,180	16,146	16,124	16,298	16,451	16,552	16,575	16,696	1975		506	495	494	496	508	516	517	525	530	537	537	539
1976		16,850	16,924	16,985	17,083	17,031	17,017	17,053	17,029	17,165	17,049	17,172	17,160	1976		555	563	562	567	570	574	579	581	587	589	593	594
1977		17,206	17,309	17,501	17,663	17,765	17,870	17,911	17,913	18,008	18,012	18,081	18,047	1977		593	598	603	609	611	614	615	621	627	631	636	638
1978		18,084	18,112	18,277	18,627	18,666	18,782	18,847	18,898	18,956	19,040	19,152	19,220	1978		643	640	643	649	647	651	650	647	644	645	649	653
1979		19,258	19,261	19,418	19,379	19,440	19,485	19,509	19,413	19,383	19,320	19,198	19,212	1979		653	654	659	658	663	661	661	657	656	655	641	627
1980		19,186	19,136	18,980	18,702	18,377	18,134	17,906	18,064	18,167	18,213	18,291	18,278	1980		622	625	619	582	550	548	552	560	568	567	569	573
1981		18,305	18,298	18,346										1981		575	576	577									
MINING														SIC 25—FURNITURE AND FIXTURES													
1974		511	515	516	524	528	530	533	539	543	550	551	522	1974		419	414	413	413	412	412	408	407	400	391	374	361
1975		557	561	562	561	570	570	574	575	575	579	579	585	1975		343	329	322	323	328	327	332	341	346	349	353	355
1976		585	582	587	587	585	589	601	572	602	603	606	607	1976		358	362	364	368	368	366	365	363	366	363	364	365
1977		610	614	626	631	631	644	625	608	637	640	645	509	1977		367	369	372	376	378	383	386	387	388	391	393	397
1978		502	504	518	662	668	675	681	683	683	690	697	699	1978		399	401	405	406	409	408	407	409	408	408	409	410
1979		700	706	709	708	710	713	719	730	729	731	733	737	1979		411	410	408	406	406	406	408	408	405	404	402	399
1980		740	744	746	751	758	763	747	748	759	763	779	791	1980		398	394	394	392	378	369	359	367	372	373	373	374
1981		800	806	813										1981		374	376	376									
CONSTRUCTION														SIC 32—STONE, CLAY, AND GLASS PRODUCTS													
1974		3,455	3,527	3,486	3,415	3,382	3,316	3,223	3,250	3,210	3,172	3,113	3,066	1974		589	587	586	578	577	573	575	571	563	556	546	533
1975		3,087	2,931	2,817	2,745	2,755	2,746	2,730	2,769	2,783	2,785	2,787	2,809	1975		519	508	496	493	493	491	490	496	501	501	501	500
1976		2,843	2,837	2,821	2,824	2,803	2,789	2,797	2,803	2,803	2,807	2,832	2,812	1976		506	506	507	514	514	514	517	517	518	515	518	516
1977		2,788	2,857	2,931	2,994	3,020	3,043	3,059	3,064	3,080	3,086	3,109	3,128	1977		515	505	523	531	534	539	540	539	539	536	544	547
1978		3,120	3,103	3,201	3,338	3,323	3,385	3,409	3,421	3,432	3,457	3,466	3,474	1978		550	549	549	553	556	555	556	555	555	556	559	561
1979		3,479	3,455	3,585	3,531	3,564	3,575	3,586	3,595	3,590	3,584	3,581	3,616	1979		558	560	564	560	563	565	563	562	558	556	550	548
1980		3,658	3,664	3,524	3,477	3,446	3,414	3,345	3,386	3,416	3,426	3,431	3,428	1980		547	547	539	527	514	500	495	502	506	506	508	505
1981		3,452	3,439	3,459										1981		504	503	501									
MANUFACTURING														SIC 33—PRIMARY METAL INDUSTRIES													
1974		14,947	14,867	14,818	14,822	14,797	14,804	14,789	14,694	14,625	14,511	14,217	13,788	1974		1,038	1,036	1,028	1,028	1,028	1,033	1,034	1,034	1,037	1,036	1,026	995
1975		13,407	13,059	12,911	12,841	12,855	12,830	12,820	12,954	13,093	13,188	13,209	13,302	1975		976	943	921	895	878	863	851	857	870	858	860	869
1976		13,422	13,505	13,577	13,672	13,643	13,639	13,655	13,654	13,760	13,639	13,734	13,741	1976		869	872	879	895	904	917	931	938	935	912	902	899
1977		13,808	13,838	13,944	14,038	14,114	14,183	14,227	14,241	14,291	14,286	14,327	14,410	1977		898	895	912	918	932	940	934	929	933	930	921	922
1978		14,462	14,505	14,558	14,627	14,675	14,722	14,757	14,794	14,841	14,893	14,989	15,047	1978		928	931	927	934	944	951	959	966	971	974	981	985
1979		15,079	15,100	15,124	15,140	15,166	15,197	15,204	15,088	15,064	15,005	14,884	14,859	1979		986	990	992	996	994	1,004	1,005	996	987	974	963	951
1980		14,788	14,728	14,710	14,474	14,173	13,957	13,814	13,930	13,992	14,024	14,081	14,059	1980		948	948	944	930	886	846	810	818	833	847	864	874
1981		14,053	14,053	14,074										1981		876	879	879									
SIC 24,25,32-39—DURABLE GOODS														SIC 34—FABRICATED METAL PRODUCTS													
1974		8,823	8,764	8,735	8,775	8,749	8,773	8,784	8,698	8,665	8,619	8,426	8,144	1974		1,284	1,280	1,274	1,275	1,268	1,271	1,275	1,262	1,251	1,244	1,222	1,183
1975		7,903	7,671	7,580	7,495	7,470	7,433	7,379	7,446	7,529	7,558	7,560	7,620	1975		1,130	1,114	1,093	1,089	1,082	1,076	1,049	1,080	1,093	1,093	1,092	1,097
1976		7,700	7,761	7,822	7,892	7,925	7,941	7,950	7,971	8,015	7,918	8,008	8,019	1976		1,108	1,119	1,128	1,137	1,139	1,141	1,145	1,149	1,164	1,141	1,149	1,153
1977		8,062	8,064	8,150	8,209	8,274	8,330	8,378	8,402	8,439	8,436	8,465	8,530	1977		1,161	1,161	1,173	1,176	1,189	1,199	1,208	1,214	1,217	1,223	1,228	1,234
1978		8,575	8,607	8,637	8,695	8,741	8,778	8,824	8,868	8,912	8,963	9,026	9,062	1978		1,241	1,250	1,252	1,260	1,268	1,267	1,272	1,275	1,283	1,287	1,292	1,298
1979		9,089	9,128	9,149	9,172	9,185	9,220	9,221	9,139	9,131	9,057	8,958	8,944	1979		1,302	1,304	1,302	1,305	1,307	1,315	1,312	1,297	1,298	1,292	1,283	1,275

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS														PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS													
SIC 34—FABRICATED METAL PRODUCTS														SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													
1980		1,261	1,263	1,262	1,231	1,185	1,160	1,135	1,153	1,161	1,165	1,169	1,168	1980		333	330	330	328	318	307	309	305	304	301	303	303
1981		1,166	1,164	1,169										1981		305	305	304									
SIC 35—MACHINERY, EXCEPT ELECTRICAL														SIC 20—23,26-31—NONDURABLE GOODS													
1974		1,468	1,470	1,476	1,479	1,478	1,491	1,481	1,489	1,491	1,502	1,486	1,462	1974		6,124	6,103	6,083	6,047	6,048	6,031	6,005	5,996	5,960	5,892	5,791	5,644
1975		1,434	1,411	1,388	1,368	1,339	1,319	1,298	1,298	1,308	1,313	1,300	1,296	1975		5,504	5,388	5,331	5,346	5,385	5,397	5,441	5,508	5,564	5,630	5,649	5,682
1976		1,304	1,311	1,319	1,327	1,338	1,340	1,344	1,354	1,374	1,344	1,363	1,366	1976		5,722	5,744	5,755	5,780	5,718	5,698	5,705	5,683	5,745	5,721	5,726	5,722
1977		1,377	1,380	1,388	1,391	1,411	1,415	1,432	1,445	1,449	1,453	1,459	1,471	1977		5,746	5,774	5,794	5,829	5,840	5,853	5,849	5,839	5,852	5,850	5,862	5,880
1978		1,474	1,480	1,489	1,498	1,502	1,520	1,528	1,537	1,552	1,571	1,579	1,596	1978		5,887	5,898	5,921	5,932	5,934	5,944	5,933	5,926	5,929	5,930	5,963	5,985
1979		1,603	1,613	1,616	1,635	1,642	1,652	1,662	1,655	1,668	1,634	1,623	1,616	1979		5,990	5,972	5,975	5,968	5,981	5,977	5,983	5,949	5,933	5,948	5,926	5,915
1980		1,662	1,648	1,645	1,630	1,629	1,595	1,572	1,567	1,573	1,579	1,581	1,577	1980		5,917	5,856	5,843	5,832	5,786	5,725	5,683	5,754	5,763	5,765	5,761	5,758
1981		1,577	1,573	1,575										1981		5,747	5,756	5,749									
SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT														SIC 20—FOOD AND KINDRED PRODUCTS													
1974		1,379	1,369	1,360	1,356	1,348	1,347	1,350	1,301	1,311	1,297	1,247	1,194	1974		1,183	1,179	1,188	1,174	1,174	1,158	1,147	1,161	1,163	1,158	1,147	1,138
1975		1,160	1,106	1,092	1,072	1,065	1,062	1,060	1,076	1,085	1,099	1,102	1,117	1975		1,119	1,107	1,105	1,108	1,112	1,113	1,115	1,128	1,131	1,137	1,135	1,135
1976		1,124	1,135	1,151	1,159	1,165	1,163	1,165	1,167	1,174	1,171	1,174	1,178	1976		1,140	1,145	1,132	1,140	1,148	1,145	1,155	1,154	1,151	1,146	1,146	1,142
1977		1,185	1,195	1,203	1,216	1,227	1,235	1,244	1,247	1,251	1,259	1,268	1,276	1977		1,148	1,155	1,157	1,167	1,163	1,169	1,166	1,164	1,169	1,155	1,160	1,163
1978		1,282	1,290	1,297	1,301	1,305	1,310	1,322	1,331	1,334	1,342	1,351	1,357	1978		1,170	1,173	1,181	1,179	1,172	1,172	1,171	1,163	1,168	1,169	1,184	1,192
1979		1,366	1,375	1,384	1,387	1,391	1,403	1,408	1,380	1,396	1,396	1,385	1,392	1979		1,193	1,187	1,194	1,191	1,194	1,191	1,189	1,184	1,187	1,195	1,193	1,194
1980		1,390	1,381	1,387	1,376	1,341	1,308	1,297	1,304	1,306	1,310	1,316	1,322	1980		1,189	1,186	1,179	1,171	1,173	1,159	1,172	1,184	1,177	1,177	1,170	1,166
1981		1,324	1,326	1,334										1981		1,162	1,168	1,158									
SIC 37—TRANSPORTATION EQUIPMENT														SIC 21—TOBACCO MANUFACTURES													
1974		1,275	1,235	1,217	1,265	1,264	1,281	1,304	1,292	1,292	1,310	1,286	1,209	1974		65	65	65	65	64	63	64	64	64	65	61	61
1975		1,169	1,113	1,137	1,127	1,150	1,153	1,148	1,137	1,151	1,158	1,162	1,190	1975		63	62	61	60	60	59	63	63	64	64	65	64
1976		1,213	1,226	1,240	1,249	1,243	1,241	1,217	1,216	1,206	1,195	1,256	1,254	1976		63	62	61	62	64	62	68	66	64	64	65	63
1977		1,268	1,255	1,269	1,283	1,281	1,296	1,310	1,311	1,324	1,300	1,300	1,321	1977		62	62	58	59	57	57	56	55	55	55	54	56
1978		1,333	1,338	1,341	1,357	1,368	1,369	1,381	1,398	1,411	1,423	1,444	1,445	1978		56	56	57	56	56	56	55	55	56	57	57	58
1979		1,450	1,462	1,465	1,466	1,462	1,452	1,438	1,419	1,400	1,384	1,353	1,376	1979		57	56	57	57	57	56	56	56	57	56	50	53
1980		1,285	1,310	1,317	1,219	1,161	1,179	1,181	1,178	1,185	1,189	1,215	1,182	1980		54	54	53	54	54	55	54	53	54	54	55	55
1981		1,183	1,176	1,190										1981		55	55	56									
SIC 38—INSTRUMENTS AND RELATED PRODUCTS														SIC 22—TEXTILE MILL PRODUCTS													
1974		366	369	372	374	374	376	374	375	374	370	363	357	1974		880	873	869	865	862	859	852	847	837	813	791	760
1975		351	343	334	331	326	324	323	325	328	333	334	336	1975		726	710	706	721	738	742	749	765	779	794	797	801
1976		339	341	344	348	353	354	357	357	358	359	361	364	1976		807	811	809	813	810	804	800	798	796	790	785	787
1977		366	370	372	373	375	375	376	376	379	380	381	384	1977		787	790	794	798	797	796	797	792	790	791	792	790
1978		386	387	390	392	396	401	405	406	408	409	413	414	1978		789	788	787	784	783	782	782	780	783	781	781	780
1979		417	419	420	421	420	423	424	424	424	424	422	424	1979		780	778	775	772	772	773	773	768	765	766	766	766
1980		425	426	430	427	425	420	421	422	421	422	422	423	1980		764	762	762	759	746	725	717	733	732	734	732	731
1981		422	419	420										1981		729	727	727									
SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES														SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													
1974		363	360	363	362	361	361	361	358	351	347	337	325	1974		1,228	1,218	1,202	1,195	1,197	1,187	1,183	1,172	1,165	1,150	1,127	1,078
1975		315	309	303	301	301	302	311	311	317	317	319	321	1975		1,048	1,025	1,013	1,024	1,038	1,046	1,065	1,077	1,092	1,114	1,121	1,136
1976		324	326	328	328	331	331	330	329	333	329	328	330	1976		1,146	1,147	1,156	1,155	1,148	1,145	1,138	1,126	1,118	1,112	1,114	1,112
1977		332	336	335	336	336	334	333	333	332	333	335	340	1977		1,117	1,124	1,126	1,125	1,128	1,133	1,131	1,129	1,132	1,133	1,138	1,142
1978		339	341	344	345	346	346	344	344	346	348	349	343	1978		1,141	1,141	1,144	1,150	1,148	1,148	1,142	1,145	1,146	1,144	1,145	1,146
1979		343	341	339	338	337	339	340	341	339	338	336	336	1979		1,149	1,135	1,129	1,130	1,127	1,120	1,127	1,104	1,097	1,102	1,094	1,091

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS													PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS												
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS												
1980	1,098	1,100	1,102	1,087	1,078	1,077	1,072	1,078	1,077	1,073	1,071	1,068	1980	592	588	590	585	556	539	524	543	551	556	558	561
1981	1,062	1,061	1,061										1981	562	564	566									
SIC 26—PAPER AND ALLIED PRODUCTS													SIC 31—LEATHER AND LEATHER PRODUCTS												
1974	554	554	554	554	552	552	552	547	543	534	524	513	1974	240	239	240	237	236	235	234	233	229	224	224	218
1975	499	486	475	469	467	466	470	475	479	487	490	496	1975	210	204	200	201	205	209	214	215	218	223	226	228
1976	500	504	506	508	510	512	510	509	511	510	512	510	1976	232	233	233	234	233	230	232	224	222	218	217	217
1977	512	513	514	517	520	521	520	522	522	520	519	522	1977	219	219	219	219	220	218	216	216	214	220	220	220
1978	521	522	524	526	530	532	532	522	523	518	524	526	1978	219	220	221	222	221	223	219	222	222	221	219	218
1979	527	530	532	534	535	537	541	541	540	540	538	536	1979	217	214	213	211	213	213	201	207	206	206	204	203
1980	537	535	534	530	523	518	511	516	518	520	521	521	1980	202	201	200	199	196	195	186	196	196	195	195	194
1981	521	520	519										1981	194	195	194									
SIC 27—PRINTING AND PUBLISHING													PRIVATE SERVICE-PRODUCING ¹¹												
1974	670	671	664	663	664	666	664	663	656	653	647	645	1974	33,977	34,069	34,116	34,180	34,306	34,392	34,454	34,503	34,528	34,663	34,595	34,428
1975	642	634	629	624	620	618	617	620	622	620	620	621	1975	34,347	34,310	34,278	34,279	34,345	34,386	34,611	34,753	34,766	34,870	34,924	35,032
1976	620	617	621	622	623	623	625	625	631	629	631	630	1976	35,257	35,422	35,532	35,686	35,751	35,804	35,957	36,010	36,118	36,145	36,203	36,349
1977	631	634	637	642	645	647	648	650	654	656	656	659	1977	36,512	36,613	36,801	36,984	37,148	37,302	37,476	37,631	37,867	37,978	38,172	38,353
1978	660	663	667	670	673	674	675	677	668	674	680	684	1978	38,446	38,590	38,807	39,075	39,245	39,422	39,557	39,722	39,841	39,941	40,179	40,317
1979	687	690	693	692	696	696	701	701	701	703	706	703	1979	40,412	40,570	40,717	40,685	40,887	41,008	41,042	41,159	41,240	41,401	41,514	41,557
1980	706	705	703	703	699	701	698	701	704	703	704	707	1980	41,654	41,816	41,855	41,858	41,881	41,811	42,039	42,118	42,201	42,251	42,307	42,389
1981	705	707	708										1981	42,502	42,572	42,615									
SIC 28—CHEMICALS AND ALLIED PRODUCTS													TRANSPORTATION AND PUBLIC UTILITIES												
1974	623	621	623	619	620	626	628	630	631	630	621	604	1974	4,093	4,088	4,083	4,093	4,090	4,090	4,092	4,091	4,058	4,078	4,061	4,035
1975	593	585	576	572	573	572	571	575	579	584	587	588	1975	3,993	3,949	3,924	3,895	3,891	3,873	3,873	3,873	3,870	3,875	3,849	3,849
1976	593	598	601	602	599	596	600	604	601	602	604	605	1976	3,890	3,902	3,906	3,911	3,906	3,913	3,926	3,930	3,940	3,922	3,921	3,945
1977	607	611	614	617	618	618	618	618	618	618	618	620	1977	3,953	3,961	3,965	3,984	4,001	4,008	4,019	4,023	4,055	4,032	4,038	4,056
1978	621	623	623	625	629	629	631	630	630	629	631	633	1978	4,064	4,078	4,099	4,138	4,135	4,154	4,117	4,141	4,154	4,191	4,212	4,220
1979	632	631	630	630	630	636	635	634	635	636	636	636	1979	4,237	4,249	4,259	4,183	4,276	4,328	4,327	4,341	4,341	4,343	4,352	4,344
1980	637	634	633	635	630	624	616	616	620	619	621	622	1980	4,331	4,326	4,324	4,323	4,306	4,272	4,268	4,270	4,272	4,275	4,260	4,265
1981	623	625	626										1981	4,264	4,270	4,268									
SIC 29—PETROLEUM AND COAL PRODUCTS													WHOLESALE AND RETAIL TRADE												
1974	127	126	127	126	128	128	127	125	124	125	127	125	1974	14,860	14,881	14,914	14,940	14,978	15,018	15,054	15,048	15,092	15,162	15,115	14,955
1975	117	117	121	119	122	122	125	126	126	126	127	127	1975	14,918	14,897	14,880	14,884	14,888	14,958	15,035	15,106	15,140	15,179	15,200	15,265
1976	129	129	129	130	128	127	127	127	127	127	128	128	1976	15,366	15,470	15,503	15,602	15,644	15,629	15,675	15,723	15,779	15,777	15,787	15,842
1977	127	125	127	131	132	132	133	134	134	134	134	134	1977	15,916	15,953	16,062	16,137	16,218	16,289	16,362	16,429	16,501	16,546	16,638	16,736
1978	135	136	136	136	135	135	135	136	136	136	136	137	1978	16,811	16,845	16,932	17,036	17,144	17,223	17,307	17,362	17,403	17,454	17,533	17,574
1979	136	137	137	137	137	137	137	137	137	138	137	138	1979	17,627	17,671	17,707	17,714	17,735	17,727	17,729	17,744	17,766	17,834	17,875	17,857
1980	138	91	87	109	131	132	133	134	134	134	134	133	1980	17,850	17,917	17,892	17,842	17,826	17,769	17,858	17,901	17,929	17,933	17,932	17,932
1981	134	134	134										1981	17,982	18,013	18,031									
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS													SIC 50,51—WHOLESALE TRADE												
1974	554	557	551	549	551	557	554	554	548	540	522	502	1974	3,625	3,645	3,653	3,656	3,666	3,679	3,685	3,692	3,682	3,691	3,689	3,673
1975	487	458	445	448	450	450	452	464	474	481	481	486	1975	3,654	3,634	3,613	3,613	3,611	3,609	3,626	3,630	3,654	3,658	3,665	3,676
1976	492	498	507	514	455	454	450	524	523	524	528	528	1976	3,692	3,709	3,719	3,736	3,747	3,748	3,754	3,752	3,769	3,767	3,772	3,783
1977	536	541	548	554	560	562	564	560	564	568	571	574	1977	3,794	3,803	3,819	3,837	3,854	3,867	3,887	3,903	3,923	3,930	3,951	3,971
1978	575	576	581	584	587	593	591	596	597	601	606	611	1978	3,983	4,002	4,025	4,049	4,073	4,090	4,101	4,127	4,140	4,162	4,180	4,198
1979	612	614	615	614	620	618	623	617	608	606	602	595	1979	4,215	4,228	4,242	4,242	4,263	4,279	4,288	4,290	4,296	4,308	4,322	4,315

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, IN THOUSANDS														AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED													
SIC 50,51—WHOLESALE TRADE														MANUFACTURING													
1980		4,325	4,340	4,339	4,325	4,314	4,293	4,304	4,309	4,317	4,320	4,318	4,324	1974		40.5	40.4	40.4	39.3	40.3	40.2	40.2	40.2	40.0	40.0	39.5	39.3
1981		4,324	4,329	4,330										1975		39.2	38.9	38.8	39.2	39.0	39.2	39.4	39.7	39.9	39.8	39.9	40.2
														1976		40.5	40.3	40.2	39.6	40.3	40.2	40.3	40.1	39.8	40.0	40.1	40.0
														1977		39.5	40.3	40.2	40.5	40.4	40.6	40.3	40.4	40.4	40.5	40.4	40.3
														1978		39.5	39.9	40.4	40.9	40.5	40.5	40.6	40.5	40.6	40.5	40.5	40.5
														1979		40.5	40.5	40.6	39.3	40.3	40.2	40.3	40.2	40.2	40.1	40.0	40.0
1974		11,235	11,236	11,261	11,284	11,312	11,339	11,369	11,356	11,410	11,471	11,426	11,282	1980		40.1	40.0	39.7	39.8	39.5	39.3	39.2	39.5	39.6	39.7	39.8	39.9
1975		11,264	11,263	11,267	11,271	11,277	11,349	11,409	11,476	11,486	11,521	11,535	11,589	1981		40.1	39.8	39.9									
1976		11,674	11,761	11,784	11,866	11,897	11,881	11,921	11,971	12,010	12,010	12,015	12,059														
1977		12,122	12,150	12,243	12,300	12,364	12,422	12,475	12,526	12,578	12,616	12,687	12,765														
1978		12,828	12,843	12,907	12,987	13,071	13,133	13,206	13,235	13,263	13,292	13,353	13,376														
1979		13,412	13,443	13,465	13,472	13,472	13,448	13,441	13,454	13,470	13,526	13,553	13,542														
1980		13,525	13,577	13,553	13,517	13,512	13,476	13,554	13,592	13,612	13,613	13,614	13,608														
1981		13,658	13,684	13,701																							

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED													AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED												
SIC 33—PRIMARY METAL INDUSTRIES													SIC 38—INSTRUMENTS AND RELATED PRODUCTS												
1974	41.9	41.5	41.7	41.5	41.6	41.7	41.6	41.7	42.0	42.0	41.4	41.1	1974	41.0	41.0	40.9	39.9	40.5	40.5	40.1	40.6	40.4	40.2	40.2	39.9
1975	40.6	40.3	40.0	39.8	39.4	39.4	39.6	39.8	39.9	40.0	40.1	40.4	1975	39.6	39.0	39.1	39.2	39.2	39.6	39.5	39.7	39.5	39.9	40.0	40.0
1976	40.5	40.6	40.7	40.8	41.3	41.6	41.7	41.3	40.9	40.4	40.4	40.2	1976	40.2	40.1	40.2	39.8	40.6	40.4	40.5	40.3	40.1	40.3	40.3	40.5
1977	40.0	40.5	41.0	41.5	41.7	41.8	41.6	41.5	41.4	41.5	41.4	41.4	1977	40.0	41.0	40.6	40.6	40.6	40.8	40.6	40.7	40.8	40.9	40.6	40.6
1978	41.1	41.4	41.4	41.4	41.8	42.0	42.1	42.2	42.1	42.1	42.2	42.1	1978	40.1	40.5	41.1	41.4	40.8	40.8	40.8	41.1	41.1	41.0	40.9	41.0
1979	42.2	42.1	41.8	41.6	41.5	41.5	41.6	41.2	41.1	41.1	40.7	40.5	1979	40.7	41.1	41.2	40.2	40.8	40.7	40.9	40.7	40.8	40.8	40.9	40.8
1980	40.7	40.7	40.6	40.5	39.4	39.0	38.9	39.4	39.7	40.1	40.8	41.2	1980	41.1	40.7	40.5	40.6	40.4	40.5	40.2	40.3	40.2	40.3	40.4	40.4
1981	41.1	40.7	41.0										1981	40.6	40.5	40.5									
SIC 34—FABRICATED METAL PRODUCTS													SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES												
1974	41.2	41.2	41.2	39.5	41.1	40.9	40.9	41.0	41.1	40.9	40.4	40.4	1974	38.5	39.0	39.1	37.7	39.1	39.1	39.2	39.0	38.7	38.6	38.2	38.3
1975	40.3	39.8	39.7	40.1	39.6	39.7	39.7	40.1	40.3	40.3	40.4	40.6	1975	38.5	37.9	37.6	38.3	38.2	38.4	38.3	38.6	38.9	39.0	38.8	39.2
1976	40.7	40.9	40.7	39.9	41.1	41.0	41.1	40.9	40.6	40.8	40.9	40.7	1976	39.3	39.1	38.9	38.2	39.1	38.8	39.1	38.7	38.4	38.7	38.9	38.9
1977	40.1	40.9	40.9	41.2	41.0	41.3	41.0	41.1	41.0	41.1	41.0	41.0	1977	37.9	39.3	39.0	39.0	38.9	39.0	38.6	38.7	38.9	39.0	38.9	38.6
1978	40.1	40.5	41.1	41.8	41.2	41.0	41.2	41.0	41.1	40.9	41.0	41.1	1978	37.9	38.3	38.8	39.2	39.0	39.0	39.0	39.0	39.0	38.8	38.9	38.8
1979	41.0	41.2	41.2	39.4	40.7	40.8	40.9	40.7	40.7	40.8	40.6	40.7	1979	38.9	38.9	39.0	37.7	38.7	38.9	39.2	38.9	38.9	38.9	38.9	38.9
1980	40.7	40.7	40.5	40.9	40.1	40.0	39.8	40.2	40.4	40.4	40.5	40.4	1980	39.2	39.0	38.6	38.7	38.5	38.3	38.4	38.6	38.8	38.6	38.6	38.9
1981	40.5	40.2	40.4										1981	38.8	38.6	38.7									
SIC 35—MACHINERY, EXCEPT ELECTRICAL													SIC 20-23,26-31—NONDURABLE GOODS												
1974	42.7	42.5	42.7	40.7	42.5	42.5	42.1	42.3	42.3	42.2	41.8	41.6	1974	39.6	39.6	39.5	38.7	39.4	39.3	39.3	39.3	39.0	38.8	38.5	38.1
1975	41.4	41.0	40.7	41.2	40.5	40.4	40.4	40.8	40.8	40.6	40.8	41.0	1975	38.1	37.8	37.9	38.2	38.4	38.7	38.9	39.3	39.4	39.4	39.5	39.8
1976	41.3	41.2	41.1	40.5	41.3	41.3	41.5	41.4	40.9	41.2	41.3	41.0	1976	40.0	39.8	39.6	39.0	39.5	39.3	39.4	39.1	39.1	39.2	39.2	39.3
1977	40.6	41.2	41.2	41.4	41.4	41.6	41.5	41.6	41.8	41.9	41.8	41.8	1977	38.8	39.6	39.4	39.5	39.5	39.6	39.3	39.4	39.4	39.5	39.4	39.3
1978	41.0	41.7	42.1	42.5	42.1	42.3	42.2	42.0	42.0	42.1	42.1	42.3	1978	38.6	39.0	39.5	39.7	39.5	39.5	39.5	39.5	39.5	39.4	39.5	39.3
1979	42.1	42.5	42.4	40.6	41.9	41.9	41.9	41.7	41.7	41.6	41.4	41.4	1979	39.3	39.2	39.4	38.6	39.3	39.3	39.3	39.3	39.4	39.3	39.3	39.3
1980	41.4	41.5	41.2	41.5	41.0	40.7	40.6	40.8	40.9	40.8	41.0	40.9	1980	39.4	39.3	39.0	39.1	38.9	38.7	38.6	38.9	38.9	39.0	39.1	39.2
1981	41.1	40.8	40.9										1981	39.5	39.2	39.2									
SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT													SIC 20—FOOD AND KINDRED PRODUCTS												
1974	40.0	40.0	40.0	38.8	40.1	40.1	39.9	39.7	39.7	39.7	39.5	39.4	1974	40.9	40.7	40.4	39.8	40.6	40.7	40.6	40.5	40.3	40.2	40.1	39.9
1975	39.3	39.0	39.2	39.6	39.2	39.3	39.7	39.7	39.8	39.9	39.6	40.2	1975	39.9	39.9	40.2	40.1	39.9	40.0	40.2	40.7	40.7	40.4	40.4	40.6
1976	40.3	40.2	40.1	39.5	40.3	40.2	40.0	40.1	39.6	40.1	40.3	40.1	1976	40.9	40.6	40.3	40.2	40.4	40.4	40.4	40.4	40.4	40.5	40.3	40.2
1977	39.3	40.5	40.3	40.5	40.5	40.7	40.4	40.7	40.7	40.5	40.4	40.4	1977	39.8	40.5	40.2	40.3	40.0	40.1	39.8	39.8	39.7	39.7	39.9	39.7
1978	39.5	39.7	40.3	40.6	40.3	40.4	40.8	40.6	40.4	40.4	40.3	40.4	1978	39.3	39.7	39.8	40.1	39.7	39.6	39.8	39.7	39.6	39.8	39.7	39.8
1979	40.4	40.5	40.6	39.2	40.4	40.4	40.3	40.0	40.4	40.3	40.3	40.3	1979	39.7	39.7	40.1	39.7	39.8	39.8	39.8	39.7	40.0	39.9	39.9	39.9
1980	40.2	40.2	39.8	40.0	39.6	39.4	39.1	39.6	39.6	39.8	39.9	40.0	1980	39.7	39.7	39.6	39.6	39.9	39.6	39.7	39.8	39.7	39.6	39.8	39.7
1981	40.1	39.6	40.0										1981	40.3	39.9	39.7									
SIC 37—TRANSPORTATION EQUIPMENT													SIC 22—TEXTILE MILL PRODUCTS												
1974	40.9	41.0	40.9	38.6	41.0	40.3	40.7	41.1	40.8	41.4	40.1	39.9	1974	40.9	40.7	40.5	39.2	40.2	40.2	40.3	39.6	39.3	38.5	37.9	36.8
1975	39.8	39.6	39.3	40.7	39.6	39.9	40.5	41.0	40.9	40.6	40.8	41.7	1975	36.6	36.3	37.1	38.0	38.7	39.1	39.8	40.4	40.9	41.0	41.0	41.2
1976	41.8	41.9	42.0	40.7	42.2	42.3	42.0	41.7	41.2	41.3	41.9	41.3	1976	41.6	41.1	40.8	39.2	40.4	40.2	40.4	39.5	39.1	39.4	39.5	40.0
1977	41.6	41.7	42.3	43.0	42.8	43.1	42.6	42.5	42.9	42.8	42.4	42.2	1977	39.8	40.3	40.4	40.3	40.3	40.3	40.4	40.4	40.4	40.6	40.6	40.4
1978	41.2	40.6	42.0	43.1	42.0	42.2	42.3	41.8	42.6	42.4	42.6	42.5	1978	39.8	40.3	40.5	40.8	40.6	40.5	40.6	40.7	40.6	40.4	40.3	40.3
1979	42.5	42.5	42.2	38.7	41.5	41.1	41.3	41.4	40.7	41.0	40.3	40.7	1979	40.2	39.9	40.2	38.9	40.2	40.4	40.5	40.5	40.8	40.8	40.9	40.9
1980	40.6	40.8	40.2	40.7	40.0	40.0	40.0	40.8	40.7	40.7	41.2	41.0	1980	41.2	40.9	40.7	40.3	39.9	39.4	39.1	39.5	39.8	39.8	39.9	40.1
1981	41.3	40.5	40.9										1981	40.0	40.0	39.9									

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED													AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED												
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS												
1974	35.4	35.8	35.6	34.6	35.6	34.8	35.4	35.5	35.2	35.2	34.6	34.2	1974	41.0	41.1	40.8	39.5	40.7	40.9	40.7	40.8	40.6	40.6	39.9	39.5
1975	34.2	33.9	33.8	34.5	34.5	35.1	35.2	35.6	36.1	36.1	36.2	36.6	1975	39.7	38.8	38.6	39.6	39.9	40.0	40.2	40.3	40.3	40.1	40.2	40.8
1976	37.0	36.6	36.4	35.5	36.2	35.9	35.9	35.5	35.3	35.4	35.4	35.4	1976	41.0	40.8	40.9	39.9	40.0	39.9	40.7	40.4	40.6	41.0	41.2	41.3
1977	34.5	35.8	35.6	35.4	35.6	35.8	35.5	35.6	35.5	35.8	35.8	35.8	1977	40.9	41.3	41.1	41.4	41.4	41.4	40.7	41.0	40.9	40.9	40.8	40.5
1978	34.0	35.3	35.8	36.2	35.8	35.7	35.8	35.7	35.9	35.4	35.7	35.4	1978	40.0	39.5	40.5	41.2	41.1	41.2	41.1	41.1	41.2	41.1	41.1	41.2
1979	35.5	35.2	35.3	34.2	35.1	35.3	35.4	35.4	35.3	35.4	35.3	35.5	1979	41.2	41.3	41.2	39.7	40.9	40.8	40.7	40.2	40.3	40.3	40.0	39.9
1980	36.1	35.7	35.3	35.6	35.3	35.3	35.2	35.2	35.2	35.4	35.2	35.5	1980	40.3	40.1	39.8	40.0	39.3	39.4	39.1	40.2	40.2	40.5	40.8	40.8
1981	36.1	35.6	35.7										1981	40.9	40.3	40.5									
SIC 26—PAPER AND ALLIED PRODUCTS													SIC 31—LEATHER AND LEATHER PRODUCTS												
1974	43.0	42.8	42.7	41.8	42.6	42.5	42.3	42.3	42.0	41.8	41.5	41.2	1974	37.6	37.7	37.8	36.8	37.3	37.2	36.8	36.8	36.4	36.4	36.4	36.0
1975	41.0	40.6	40.5	40.7	41.1	41.6	41.7	42.4	42.3	42.4	42.5	42.8	1975	35.8	35.2	34.9	36.2	36.5	37.2	37.6	37.8	38.2	38.5	38.3	38.8
1976	42.8	42.8	42.7	42.0	42.7	42.4	42.6	42.5	42.4	42.4	42.4	42.5	1976	38.8	38.5	38.6	37.3	38.1	37.0	37.2	37.1	36.7	36.7	36.6	36.7
1977	42.1	42.8	42.8	43.4	43.1	43.2	42.9	42.8	43.0	43.0	42.8	42.9	1977	35.5	37.0	36.8	37.0	36.9	37.1	36.9	37.0	37.1	37.2	37.5	36.9
1978	42.3	42.3	43.2	43.2	43.0	43.0	43.1	43.0	42.9	42.9	43.0	42.7	1978	36.2	36.2	37.2	37.8	37.4	37.4	37.3	37.2	37.1	37.1	37.0	36.8
1979	42.6	42.6	42.7	41.9	42.7	42.7	42.8	42.7	42.6	42.6	42.6	42.6	1979	36.7	36.2	36.3	35.6	36.1	36.4	36.7	36.5	36.9	36.6	36.8	37.0
1980	42.6	42.7	42.4	42.5	41.9	41.7	41.7	42.0	42.2	42.2	42.4	42.8	1980	37.1	37.1	36.8	37.0	36.7	36.7	36.2	36.6	36.4	36.7	36.3	36.6
1981	42.6	42.4	42.4										1981	36.8	37.0	37.1									
SIC 27—PRINTING AND PUBLISHING													WHOLESALE AND RETAIL TRADE												
1974	37.7	37.7	37.7	37.2	37.8	37.6	37.4	37.7	37.4	37.3	37.1	37.0	1974	34.3	34.3	34.3	34.5	34.3	34.2	34.1	34.2	34.2	34.0	34.0	34.0
1975	37.1	37.0	36.8	36.7	36.8	36.8	36.7	37.0	36.9	37.0	37.1	37.4	1975	33.9	33.9	33.9	33.8	34.0	33.9	33.8	34.0	33.8	33.9	33.9	33.9
1976	37.5	37.3	37.3	37.3	37.5	37.5	37.7	37.5	37.4	37.4	37.4	37.6	1976	34.0	33.9	33.7	33.9	33.8	33.7	33.6	33.5	33.5	33.4	33.4	33.4
1977	37.4	37.8	37.6	37.8	37.7	37.8	37.7	37.6	37.8	37.9	37.7	37.6	1977	33.4	33.4	33.4	33.3	33.4	33.3	33.3	33.3	33.2	33.3	33.1	33.1
1978	37.2	37.4	37.9	37.9	37.4	37.6	37.6	37.5	37.7	37.7	37.8	37.6	1978	32.8	32.8	33.0	32.9	32.9	33.0	32.9	32.9	32.8	32.9	32.7	32.8
1979	37.5	37.7	37.7	37.2	37.6	37.6	37.5	37.7	37.5	37.4	37.5	37.4	1979	32.5	32.6	32.7	32.8	32.6	32.7	32.6	32.6	32.7	32.5	32.6	32.5
1980	37.6	37.4	37.2	37.2	37.2	36.9	37.0	37.0	36.9	37.1	36.8	37.4	1980	32.5	32.4	32.3	32.1	32.1	32.0	32.0	32.1	32.1	32.1	32.2	32.1
1981	37.5	37.3	37.1										1981	32.2	32.2	32.2									
SIC 28—CHEMICALS AND ALLIED PRODUCTS													SIC 50,51—WHOLESALE TRADE												
1974	41.8	41.8	41.7	41.8	41.7	41.7	41.6	41.6	41.4	41.4	41.2	41.0	1974	39.1	39.0	39.0	38.8	39.0	38.9	38.9	38.8	38.9	38.7	38.7	38.6
1975	40.8	40.7	40.6	40.5	40.8	40.9	41.0	41.1	41.2	41.3	41.3	41.6	1975	38.6	38.6	38.6	38.6	38.8	38.7	38.6	38.6	38.7	38.8	38.8	38.8
1976	41.6	41.6	41.6	41.6	41.6	41.4	41.6	41.3	42.0	41.6	41.6	41.7	1976	38.9	38.8	38.6	38.8	38.8	38.7	38.8	38.7	38.7	38.5	38.6	38.6
1977	41.5	41.7	41.7	41.8	41.8	42.0	41.9	41.8	41.8	41.7	41.6	41.7	1977	38.7	38.9	38.8	38.8	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8
1978	41.5	41.6	42.0	42.0	41.9	42.0	41.8	42.0	42.0	42.0	42.0	41.8	1978	38.7	38.7	38.8	38.8	38.6	38.9	38.8	38.9	38.8	38.8	38.8	38.8
1979	41.8	41.8	41.8	41.8	41.9	41.8	42.0	42.0	41.8	41.7	41.9	41.7	1979	38.7	38.7	39.0	38.7	38.9	38.9	38.9	38.9	38.8	38.7	38.9	38.8
1980	41.8	41.7	41.6	41.5	41.4	41.3	41.0	41.2	41.4	41.5	41.6	41.6	1980	38.8	38.7	38.5	38.5	38.5	38.1	38.1	38.3	38.5	38.5	38.5	38.6
1981	41.6	41.6	41.5										1981	38.8	38.6	38.6									
SIC 29—PETROLEUM AND COAL PRODUCTS													SIC 52-59—RETAIL TRADE												
1974	42.3	42.2	42.3	42.1	42.0	42.2	42.0	42.0	41.9	42.2	41.8	41.8	1974	32.8	32.8	32.8	33.1	32.8	32.7	32.6	32.7	32.7	32.5	32.5	32.5
1975	41.1	41.5	41.3	40.7	41.1	40.9	41.0	40.8	41.2	41.3	41.6	41.3	1975	32.4	32.4	32.4	32.2	32.4	32.4	32.3	32.5	32.3	32.3	32.4	32.3
1976	42.1	42.1	41.9	42.0	42.4	42.2	42.1	42.1	42.3	42.0	42.0	42.2	1976	32.5	32.4	32.2	32.4	32.2	32.1	32.0	31.9	31.9	31.8	31.8	31.8
1977	42.3	42.6	42.8	42.9	42.7	42.8	42.6	42.6	42.5	42.6	42.6	43.4	1977	31.7	31.7	31.7	31.6	31.7	31.6	31.6	31.6	31.5	31.6	31.3	31.3
1978	43.3	43.2	43.5	43.4	43.1	43.5	43.8	43.9	43.4	43.6	44.0	43.6	1978	31.0	30.9	31.2	31.1	31.1	31.1	31.1	31.0	30.9	31.0	30.8	30.9
1979	43.8	43.9	44.4	44.0	43.9	43.3	43.5	43.5	43.7	43.2	44.2	43.3	1979	30.6	30.7	30.7	30.9	30.6	30.7	30.6	30.6	30.7	30.5	30.6	30.5
1980	37.1	40.9	40.1	41.3	42.4	42.2	42.1	42.1	42.4	42.8	42.9	43.2	1980	30.5	30.4	30.3	30.1	30.1	30.1	30.0	30.1	30.1	30.1	30.2	30.0
1981	43.8	43.8	43.5										1981	30.1	30.2	30.2									

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED													LABOR TURNOVER RATES IN MANUFACTURING, SEASONALLY ADJUSTED												
SERVICES													ACCESSIONS PER 100 EMPLOYEES												
1974	33.6	33.7	33.7	33.7	33.6	33.8	33.7	33.6	33.7	33.6	33.5	33.5	1977	3.9	4.5	4.1	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.0	4.3
1975	33.6	33.6	33.6	33.5	33.5	33.6	33.5	33.6	33.5	33.5	33.6	33.5	1978	4.0	3.9	3.9	4.2	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.3
1976	33.6	33.6	33.4	33.4	33.4	33.2	33.2	33.2	33.1	33.2	33.1	33.1	1979	4.1	4.1	4.0	4.0	4.0	4.1	3.9	3.9	3.9	3.9	3.8	3.8
1977	33.0	33.1	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.0	33.0	1980	3.9	3.8	3.7	3.2	3.1	3.4	3.5	3.6	3.7	3.7	3.6	3.5
1978	33.0	32.9	33.0	33.0	32.9	32.9	32.8	32.7	32.7	32.7	32.7	32.5	1981	3.5	3.5	3.4									
1979	32.6	32.6	32.8	32.7	32.7	32.7	32.8	32.7	32.7	32.6	32.7	32.8	NEW HIRES PER 100 EMPLOYEES												
1980	32.7	32.7	32.7	32.7	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.7	1974	3.8	3.7	3.6	3.5	3.5	3.3	3.3	3.1	3.0	2.7	2.3	1.9
1981	32.7	32.8	32.8										1975	1.6	1.6	1.5	1.7	1.8	1.9	2.3	2.3	2.4	2.3	2.4	2.5
AVERAGE WEEKLY OVERTIME HOURS OF PRODUCTION WORKERS ON MANUFACTURING PAYROLLS, SEASONALLY ADJUSTED													1976	2.6	2.7	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.5	2.5	
MANUFACTURING													1977	2.6	2.8	2.8	2.9	3.0	2.8	2.9	2.8	2.9	2.8	3.1	
1974	3.6	3.5	3.5	2.8	3.5	3.4	3.4	3.3	3.2	3.2	2.8	2.7	1978	2.9	2.8	2.9	3.1	3.0	3.1	3.1	3.2	3.3	3.3	3.3	3.3
1975	2.5	2.4	2.4	2.4	2.3	2.5	2.6	2.8	2.8	2.8	2.9	3.0	1979	3.1	3.1	3.0	3.0	3.0	3.1	2.9	2.8	2.8	2.8	2.8	
1976	3.1	3.1	3.2	2.6	3.3	3.2	3.2	3.1	3.2	3.1	3.2	3.2	1980	2.7	2.6	2.5	2.1	1.8	1.9	2.0	2.0	2.1	2.1	2.1	
1977	3.3	3.3	3.3	3.5	3.6	3.5	3.5	3.5	3.5	3.5	3.6	3.5	1981	2.1	2.2	2.1									
1978	3.4	3.6	3.5	3.8	3.6	3.6	3.7	3.6	3.6	3.6	3.7	3.6	RECALLS PER 100 EMPLOYEES												
1979	3.6	3.6	3.6	2.9	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.1	1976	1.1	1.0	1.1	1.0	1.0	.9	1.0	.9	.8	.9	1.0	
1980	3.1	2.9	3.0	3.0	2.6	2.5	2.5	2.7	2.7	2.8	3.0	3.0	1977	.9	1.3	1.0	.9	.8	.8	.8	.8	.7	.8	.8	
1981	3.0	2.8	2.8										1978	.8	.7	.8	.8	.8	.7	.7	.7	.7	.7	.7	
SIC 24,25,32-39—DURABLE GOODS													1979	.7	.7	.7	.7	.8	.7	.8	.7	.8	.8	.7	
1974	3.8	3.7	3.7	2.8	3.7	3.5	3.5	3.5	3.4	3.4	3.0	2.8	1980	.9	.9	.9	.8	1.0	1.2	1.3	1.4	1.4	1.3	1.2	
1975	2.6	2.5	2.4	2.4	2.2	2.4	2.5	2.6	2.7	2.7	2.7	2.9	1981	1.0	1.0	1.1								1.1	
1976	3.0	3.1	3.2	2.5	3.4	3.3	3.3	3.3	3.3	3.2	3.3	3.4	SEPARATIONS PER 100 EMPLOYEES												
1977	3.4	3.4	3.4	3.7	3.8	3.7	3.7	3.7	3.7	3.8	3.8	3.7	1974	5.1	5.0	4.9	4.7	4.6	4.5	4.5	4.8	4.4	4.8	5.2	
1978	3.6	3.8	3.7	4.1	3.8	3.8	3.9	3.8	3.9	3.9	4.0	3.9	1975	5.2	5.1	4.6	4.6	4.6	4.3	4.0	3.9	3.8	3.8	3.5	
1979	4.0	4.0	3.8	2.9	3.8	3.6	3.6	3.5	3.4	3.4	3.3	3.2	1976	3.6	3.5	3.8	3.9	3.7	3.9	3.9	3.9	3.9	3.6	3.6	
1980	3.2	3.0	3.0	3.0	2.6	2.4	2.4	2.7	2.7	2.8	3.0	3.1	1977	3.9	4.1	3.8	3.7	3.8	3.7	3.9	4.0	3.9	3.8	4.0	
1981	3.0	2.8	2.8										1978	3.8	3.8	3.8	4.0	3.9	3.9	3.9	3.8	4.0	3.9	4.1	
SIC 20-23,26-31—NONDURABLE GOODS													1979	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.3	3.9	4.0	4.1	
1974	3.4	3.3	3.3	2.8	3.2	3.2	3.2	3.1	2.9	2.8	2.6	2.5	1980	4.2	4.0	4.0	5.2	5.5	4.8	3.8	4.0	3.5	3.6	3.3	
1975	2.4	2.3	2.3	2.4	2.5	2.6	2.8	3.0	3.0	3.0	3.1	3.1	1981	3.6	3.6	3.4								3.5	
1976	3.2	3.2	3.2	2.8	3.1	3.1	3.0	2.9	3.0	3.0	3.0	3.0	QUITS PER 100 EMPLOYEES												
1977	3.1	3.1	3.1	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.2	1974	2.7	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.2	2.0	1.8	
1978	3.2	3.2	3.2	3.4	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	1975	1.4	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.5	1.5	
1979	3.1	3.1	3.2	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.0	1976	1.6	1.6	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.6	1.6	
1980	3.0	2.8	3.0	3.0	2.6	2.6	2.7	2.8	2.8	2.8	2.9	2.9	1977	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.9	1.9	2.0	
1981	3.0	2.9	2.8										1978	1.9	1.9	2.0	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.1	
LABOR TURNOVER RATES IN MANUFACTURING, SEASONALLY ADJUSTED													1979	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	
ACCESSIONS PER 100 EMPLOYEES													1980	1.9	1.9	1.8	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.4	
1974	4.7	4.6	4.5	4.6	4.5	4.3	4.3	4.1	4.0	3.8	3.3	3.1	1981	1.4	1.4	1.3								1.5	
1975	3.0	3.2	3.2	3.6	3.7	3.8	4.0	4.0	3.9	3.8	3.8	3.8	LAYOFFS PER 100 EMPLOYEES												
1976	4.2	4.1	4.2	4.1	4.0	3.8	3.9	3.8	3.7	3.6	3.8	3.8	1974	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.4	1.3	1.8	2.5	
													1975	2.9	3.0	2.7	2.6	2.5	2.2	1.7	1.6	1.7	1.5	1.3	
													1976	1.2	1.0	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.5	1.2	
													1977	1.3	1.5	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	
													1978	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	1.0	
													1979	.9	.9	.9	1.0	1.0	1.1	1.1	1.4	1.2	1.2	1.3	

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
LABOR TURNOVER RATES IN MANUFACTURING, SEASONALLY ADJUSTED														AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED														
LAYOFFS PER 100 EMPLOYEES														CONSTRUCTION														
1980		1.4	1.3	1.4	2.7	3.2	2.6	1.6	1.8	1.5	1.5	1.3	1.2	1970		5.04	5.07	5.11	5.16	5.14	5.21	5.26	5.34	5.32	5.37	5.40	5.40	
1981		1.4	1.3	1.3										1971		5.48	5.52	5.54	5.58	5.64	5.68	5.70	5.74	5.77	5.80	5.82	5.84	
AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED																												
TOTAL PRIVATE*																												
1964		2.32	2.33	2.33	2.34	2.35	2.35	2.36	2.38	2.38	2.37	2.39	2.40	1972		5.91	5.93	5.96	6.00	6.03	6.02	6.03	6.07	6.10	6.17	6.21	6.27	
1965		2.40	2.42	2.43	2.43	2.45	2.45	2.46	2.47	2.47	2.49	2.50	2.50	1973		6.37	6.29	6.31	6.33	6.34	6.35	6.39	6.40	6.46	6.50	6.54	6.56	
1966		2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.57	2.59	2.60	2.61	2.61	1974		6.55	6.60	6.62	6.65	6.69	6.75	6.76	6.92	7.00	7.00	7.04	7.09	
1967		2.63	2.63	2.64	2.65	2.65	2.67	2.69	2.70	2.70	2.71	2.73	2.74	1975		7.13	7.11	7.29	7.26	7.28	7.35	7.36	7.34	7.36	7.33	7.41	7.44	
1968		2.76	2.77	2.79	2.81	2.82	2.84	2.85	2.87	2.89	2.90	2.92	2.94	1976		7.44	7.48	7.53	7.59	7.68	7.65	7.73	7.77	7.80	7.86	7.88	7.91	
1969		2.95	2.97	2.98	3.00	3.02	3.04	3.05	3.07	3.08	3.10	3.12	3.13	1977		7.99	7.98	8.00	8.03	8.03	8.08	8.08	8.10	8.15	8.20	8.22	8.26	
1970		3.14	3.16	3.18	3.18	3.20	3.22	3.24	3.26	3.27	3.27	3.29	3.31	1978		8.32	8.37	8.45	8.48	8.57	8.64	8.67	8.73	8.77	8.81	8.87	8.91	
1971		3.34	3.36	3.39	3.40	3.43	3.44	3.45	3.48	3.48	3.50	3.51	3.54	1979		8.96	9.07	9.04	9.12	9.19	9.21	9.29	9.32	9.40	9.40	9.48	9.54	
1972		3.61	3.61	3.64	3.66	3.67	3.67	3.69	3.72	3.74	3.77	3.78	3.81	1980		9.44	9.63	9.71	9.76	9.80	9.87	9.93	10.02	10.05	10.15	10.21	10.30	
1973		3.83	3.84	3.86	3.89	3.90	3.92	3.96	3.96	3.99	4.01	4.04	4.06	1981		10.39	10.44	10.49										
1974		4.07	4.10	4.12	4.13	4.19	4.24	4.25	4.29	4.33	4.36	4.36	4.40	MANUFACTURING														
1975		4.41	4.43	4.45	4.46	4.48	4.51	4.53	4.57	4.60	4.61	4.66	4.67	1947		1.15	1.16	1.17	1.18	1.20	1.22	1.22	1.23	1.24	1.25	1.26	1.27	
1976		4.70	4.73	4.75	4.77	4.81	4.84	4.87	4.91	4.94	4.97	5.01	5.04	1948		1.28	1.28	1.29	1.29	1.30	1.31	1.33	1.36	1.36	1.36	1.37	1.37	
1977		5.06	5.10	5.12	5.17	5.20	5.23	5.27	5.28	5.33	5.37	5.39	5.41	1949		1.38	1.37	1.37	1.37	1.37	1.38	1.38	1.38	1.38	1.36	1.36	1.38	
1978		5.46	5.49	5.53	5.61	5.63	5.67	5.71	5.74	5.79	5.85	5.86	5.91	1950		1.38	1.39	1.40	1.41	1.41	1.42	1.43	1.44	1.45	1.47	1.48	1.51	
1979		5.95	5.99	6.03	6.03	6.09	6.14	6.18	6.22	6.27	6.28	6.32	6.38	1951		1.52	1.53	1.54	1.55	1.56	1.57	1.57	1.57	1.58	1.58	1.60	1.60	
1980		6.39	6.44	6.51	6.54	6.57	6.64	6.66	6.72	6.76	6.83	6.90	6.94	1952		1.60	1.62	1.63	1.63	1.63	1.63	1.62	1.65	1.67	1.68	1.69	1.69	
1981		6.99	7.04	7.09										1953		1.70	1.72	1.73	1.73	1.73	1.74	1.75	1.76	1.76	1.76	1.76	1.76	
														1954		1.77	1.77	1.77	1.77	1.78	1.78	1.77	1.78	1.78	1.78	1.78	1.80	1.80
														1955		1.81	1.82	1.82	1.84	1.85	1.84	1.86	1.87	1.88	1.88	1.88	1.90	1.89
														1956		1.90	1.90	1.92	1.94	1.94	1.95	1.94	1.97	1.98	2.00	2.00	2.01	
														1957		2.01	2.02	2.03	2.03	2.03	2.04	2.05	2.06	2.06	2.07	2.08	2.07	
														1958		2.07	2.08	2.08	2.09	2.09	2.10	2.10	2.12	2.12	2.12	2.15	2.16	
														1959		2.16	2.17	2.19	2.20	2.20	2.21	2.21	2.18	2.20	2.19	2.20	2.23	
														1960		2.25	2.26	2.26	2.25	2.26	2.26	2.26	2.27	2.28	2.28	2.27	2.28	
1947		1.45	1.45	1.46	1.49	1.51	1.53	1.54	1.56	1.57	1.59	1.61	1.62	1961		2.28	2.28	2.29	2.30	2.31	2.32	2.32	2.33	2.33	2.35	2.36		
1948		1.63	1.66	1.65	1.67	1.68	1.71	1.72	1.73	1.74	1.74	1.75	1.77	1962		2.37	2.37	2.38	2.39	2.39	2.38	2.39	2.39	2.41	2.41	2.42		
1949		1.77	1.78	1.78	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.81	1963		2.42	2.43	2.44	2.44	2.45	2.46	2.46	2.47	2.47	2.49	2.50		
1950		1.81	1.82	1.82	1.83	1.84	1.84	1.85	1.85	1.89	1.90	1.90	1.93	1964		2.50	2.50	2.51	2.51	2.52	2.53	2.54	2.55	2.56	2.55	2.57		
1951		1.95	1.97	1.98	2.00	2.01	2.03	2.04	2.04	2.05	2.05	2.07	2.07	1965		2.57	2.58	2.59	2.59	2.60	2.61	2.62	2.62	2.63	2.65	2.65		
1952		2.08	2.09	2.10	2.11	2.09	2.09	2.13	2.15	2.17	2.19	2.20	2.21	1966		2.66	2.67	2.68	2.70	2.70	2.71	2.72	2.73	2.75	2.76	2.76		
1953		2.21	2.21	2.24	2.25	2.26	2.26	2.29	2.30	2.32	2.33	2.34	2.35	1967		2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.85	2.84	2.85	2.88		
1954		2.36	2.36	2.36	2.37	2.39	2.38	2.38	2.39	2.40	2.40	2.40	2.42	1968		2.93	2.93	2.96	2.97	2.99	3.00	3.01	3.02	3.05	3.06	3.10		
1955		2.41	2.41	2.41	2.43	2.43	2.44	2.46	2.46	2.47	2.48	2.49	2.49	1969		3.11	3.12	3.13	3.15	3.16	3.18	3.20	3.23	3.23	3.26	3.26		
1956		2.49	2.51	2.53	2.53	2.54	2.56	2.57	2.59	2.59	2.61	2.62	2.63	1970		3.28	3.29	3.31	3.32	3.34	3.36	3.38	3.39	3.42	3.38	3.39	3.44	
1957		2.65	2.65	2.66	2.68	2.71	2.72	2.72	2.73	2.75	2.75	2.76	2.77	1971		3.47	3.51	3.52	3.53	3.55	3.57	3.58	3.59	3.60	3.60	3.66		
1958		2.78	2.80	2.81	2.80	2.81	2.81	2.83	2.82	2.84	2.84	2.88	2.88	1972		3.71	3.73	3.75	3.78	3.79	3.80	3.81	3.85	3.87	3.89	3.91		
1959		2.87	2.88	2.87	2.89	2.91	2.92	2.93	2.94	2.96	2.98	2.99	2.98	1973		3.98	3.99	4.00	4.03	4.05	4.06	4.10	4.12	4.14	4.17	4.19		
1960		3.00	3.02	3.10	3.04	3.06	3.06	3.08	3.10	3.09	3.11	3.11	3.13	1974		4.22	4.24	4.26	4.27	4.36	4.42	4.45	4.50	4.54	4.60	4.61		
1961		3.14	3.14	3.15	3.18	3.19	3.21	3.19	3.20	3.22	3.22	3.25	3.26	1975		4.66	4.70	4.74	4.76	4.78	4.81	4.83	4.87	4.90	4.92	4.96		
1962		3.30	3.21	3.28	3.31	3.28	3.29	3.32	3.32	3.33	3.33	3.35	3.37	1976		5.02	5.06	5.10	5.11	5.16	5.19	5.23	5.28	5.32	5.32	5.38		
1963		3.37	3.37	3.38	3.35	3.38	3.40	3.41	3.43	3.43	3.45	3.43	3.49	1977		5.47	5.48	5.52	5.58	5.61	5.66	5.70	5.73	5.78	5.82	5.85		
1964		3.52	3.50	3.52	3.55	3.53	3.53	3.56	3.57	3.57	3.60	3.58	3.60	1978		5.94	5.98	6.01	6.06	6.09	6.13	6.18	6.22	6.28	6.33	6.38		
1965		3.58	3.66	3.67	3.65	3.69	3.71	3.68	3.71	3.72	3.75	3.75	3.75	1979		6.47	6.52	6.56	6.57	6.65	6.69	6.72	6.75	6.79	6.82	6.86		
1966		3.74	3.80	3.81	3.85	3.87	3.89	3.89	3.92	3.95	3.94	3.97	3.97	1980		6.94	6.99	7.07	7.11	7.16	7.22	7.29	7.36	7.41	7.49	7.59		
1967		4.01	4.00	4.02	4.04	4.06	4.09	4.13	4.14	4.17	4.19	4.21	4.24	1981		7.69	7.74	7.80								7.63		
1968		4.33	4.27	4.32	4.33	4.36	4.37	4.42	4.42	4.45	4.48	4.53	4.53															
1969		4.56	4.56	4.65	4.69	4.73	4.79	4.80	4.83	4.88	4.92	4.95	5.00															

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED													AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED												
TRANSPORTATION AND PUBLIC UTILITIES													SERVICES												
1964	2.84	2.83	2.85	2.86	2.87	2.87	2.88	2.91	2.90	2.91	2.93	2.95	1975	3.89	3.92	3.95	3.94	3.97	4.01	4.03	4.05	4.07	4.09	4.14	4.14
1965	2.97	2.99	3.02	3.01	3.02	3.02	3.03	3.04	3.05	3.06	3.07	3.07	1976	4.18	4.19	4.20	4.24	4.27	4.30	4.31	4.36	4.38	4.41	4.46	4.49
1966	3.08	3.09	3.10	3.10	3.11	3.10	3.07	3.06	3.13	3.14	3.15	3.17	1977	4.52	4.54	4.56	4.58	4.61	4.63	4.65	4.68	4.71	4.76	4.77	4.79
1967	3.18	3.19	3.20	3.20	3.21	3.23	3.25	3.23	3.28	3.28	3.30	3.30	1978	4.85	4.86	4.88	4.93	4.94	4.97	5.01	5.06	5.12	5.11	5.15	5.15
1968	3.32	3.32	3.35	3.38	3.39	3.42	3.43	3.45	3.48	3.49	3.50	3.52	1979	5.19	5.21	5.24	5.27	5.26	5.32	5.37	5.40	5.46	5.48	5.52	5.60
1969	3.52	3.55	3.56	3.59	3.62	3.63	3.64	3.67	3.68	3.69	3.72	3.72	1980	5.60	5.64	5.71	5.73	5.78	5.86	5.86	5.91	5.94	6.00	6.07	6.11
1970	3.73	3.75	3.77	3.76	3.81	3.85	3.87	3.89	3.91	3.93	3.95	3.99	1981	6.15	6.20	6.24									
1971	4.05	4.09	4.11	4.11	4.16	4.18	4.23	4.24	4.29	4.30	4.31	4.41	GROSS AND SPENDABLE EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON TOTAL PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS, SEASONALLY ADJUSTED												
1972	4.48	4.50	4.54	4.59	4.61	4.62	4.68	4.70	4.71	4.77	4.79	4.83	GROSS AVERAGE HOURLY EARNINGS IN CURRENT DOLLARS												
1973	4.85	4.88	4.90	4.97	4.97	5.01	5.03	5.09	5.11	5.12	5.14	5.17	1964	2.32	2.33	2.33	2.34	2.35	2.35	2.36	2.38	2.38	2.37	2.39	2.40
1974	5.20	5.24	5.27	5.31	5.33	5.39	5.43	5.42	5.52	5.59	5.59	5.64	1965	2.40	2.42	2.43	2.43	2.45	2.45	2.46	2.47	2.47	2.49	2.50	2.50
1975	5.65	5.67	5.72	5.73	5.78	5.84	5.86	6.00	6.01	6.07	6.13	6.13	1966	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.57	2.59	2.60	2.61	2.61
1976	6.20	6.25	6.31	6.34	6.40	6.45	6.48	6.53	6.55	6.58	6.61	6.64	1967	2.63	2.63	2.64	2.65	2.65	2.67	2.69	2.70	2.70	2.71	2.73	2.74
1977	6.71	6.75	6.79	6.89	6.94	6.96	7.04	7.02	7.08	7.17	7.22	7.28	1968	2.76	2.77	2.79	2.81	2.82	2.84	2.85	2.87	2.89	2.90	2.92	2.94
1978	7.35	7.39	7.41	7.48	7.52	7.55	7.56	7.62	7.68	7.72	7.72	7.81	1969	2.95	2.97	2.98	3.00	3.02	3.04	3.05	3.07	3.08	3.10	3.12	3.13
1979	7.89	7.90	7.95	7.90	7.99	8.10	8.19	8.29	8.36	8.36	8.44	8.50	1970	3.14	3.16	3.18	3.18	3.20	3.22	3.24	3.26	3.27	3.27	3.29	3.31
1980	8.53	8.56	8.67	8.73	8.78	8.83	8.90	8.93	8.94	9.12	9.20	9.26	1971	3.34	3.36	3.39	3.40	3.43	3.44	3.45	3.48	3.48	3.50	3.51	3.54
1981	9.33	9.44	9.48										1972	3.61	3.61	3.64	3.66	3.67	3.69	3.72	3.74	3.77	3.78	3.81	3.81
WHOLESALE AND RETAIL TRADE													1973	3.83	3.84	3.86	3.89	3.90	3.92	3.96	3.96	3.99	4.01	4.04	4.06
1964	1.93	1.93	1.93	1.95	1.95	1.95	1.96	1.97	1.98	1.97	1.99	1.98	1974	4.07	4.10	4.12	4.13	4.19	4.24	4.25	4.29	4.33	4.36	4.36	4.40
1965	1.99	2.00	2.00	2.01	2.02	2.02	2.04	2.05	2.05	2.07	2.07	2.07	1975	4.41	4.43	4.45	4.46	4.48	4.51	4.53	4.57	4.60	4.61	4.66	4.67
1966	2.08	2.09	2.09	2.11	2.11	2.13	2.14	2.14	2.15	2.17	2.18	2.18	1976	4.70	4.73	4.75	4.77	4.81	4.84	4.87	4.91	4.94	4.97	5.01	5.04
1967	2.19	2.20	2.21	2.23	2.22	2.24	2.25	2.26	2.27	2.28	2.29	2.30	1977	5.06	5.10	5.12	5.17	5.20	5.23	5.27	5.28	5.33	5.37	5.39	5.41
1968	2.32	2.35	2.35	2.37	2.38	2.40	2.41	2.42	2.43	2.44	2.46	2.48	1978	5.46	5.49	5.53	5.61	5.63	5.67	5.71	5.74	5.79	5.85	5.86	5.91
1969	2.47	2.49	2.50	2.51	2.53	2.55	2.56	2.57	2.59	2.61	2.63	2.64	1979	5.95	5.99	6.03	6.03	6.09	6.14	6.18	6.22	6.27	6.28	6.32	6.38
1970	2.64	2.65	2.67	2.67	2.68	2.69	2.71	2.74	2.75	2.75	2.76	2.76	1980	6.39	6.44	6.51	6.54	6.57	6.64	6.66	6.72	6.76	6.83	6.90	6.94
1971	2.79	2.80	2.82	2.83	2.85	2.86	2.87	2.89	2.89	2.90	2.91	2.93	1981	6.99	7.04	7.09									
1972	2.99	2.99	3.01	3.02	3.02	3.03	3.06	3.07	3.09	3.10	3.11	3.14	GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS												
1973	3.13	3.15	3.17	3.19	3.20	3.22	3.24	3.25	3.27	3.29	3.30	3.33	1964	4.54	4.56	4.57	4.58	4.59	4.59	4.61	4.65	4.65	4.61	4.64	4.65
1974	3.34	3.36	3.38	3.40	3.45	3.49	3.51	3.53	3.55	3.58	3.59	3.62	1965	4.64	4.68	4.71	4.69	4.71	4.69	4.72	4.74	4.73	4.76	4.77	4.75
1975	3.62	3.66	3.67	3.69	3.71	3.73	3.74	3.77	3.78	3.80	3.83	3.84	1966	4.76	4.75	4.76	4.77	4.78	4.79	4.79	4.77	4.80	4.79	4.81	4.81
1976	3.85	3.87	3.89	3.90	3.93	3.95	3.96	4.00	4.04	4.07	4.10	4.12	1967	4.83	4.83	4.84	4.85	4.84	4.87	4.88	4.88	4.86	4.87	4.88	4.88
1977	4.12	4.16	4.18	4.21	4.24	4.26	4.29	4.31	4.34	4.37	4.40	4.42	1968	4.90	4.90	4.93	4.95	4.95	4.97	4.96	4.97	4.98	4.98	4.98	5.01
1978	4.50	4.51	4.54	4.59	4.61	4.64	4.68	4.72	4.75	4.80	4.83	4.86	1969	5.01	5.03	5.00	5.02	5.03	5.04	5.03	5.04	5.02	5.04	5.05	5.03
1979	4.91	4.93	4.96	4.99	5.01	5.05	5.07	5.10	5.14	5.16	5.20	5.24	1970	5.02	5.02	5.04	5.01	5.02	5.03	5.05	5.06	5.05	5.02	5.03	5.04
1980	5.28	5.30	5.37	5.39	5.42	5.46	5.50	5.54	5.57	5.61	5.66	5.69	1971	5.08	5.10	5.14	5.14	5.16	5.15	5.15	5.18	5.17	5.19	5.19	5.21
1981	5.72	5.78	5.81										1972	5.31	5.29	5.32	5.34	5.34	5.33	5.35	5.38	5.38	5.41	5.40	5.43
SERVICES													1973	5.42	5.41	5.40	5.40	5.37	5.38	5.42	5.33	5.35	5.33	5.33	5.31
1964	1.91	1.90	1.91	1.92	1.93	1.94	1.95	1.95	1.96	1.97	1.98	1.99	1974	5.27	5.24	5.23	5.20	5.22	5.25	5.23	5.20	5.19	5.18	5.13	5.13
1965	1.99	2.00	2.02	2.02	2.05	2.06	2.06	2.07	2.07	2.09	2.09	2.10	1975	5.11	5.10	5.11	5.10	5.11	5.08	5.11	5.11	5.08	5.10	5.08	5.08
1966	2.11	2.10	2.12	2.14	2.16	2.16	2.18	2.19	2.19	2.20	2.21	2.22	1976	5.10	5.12	5.14	5.15	5.17	5.18	5.18	5.20	5.20	5.20	5.22	5.23
1967	2.23	2.24	2.24	2.26	2.27	2.28	2.30	2.31	2.31	2.33	2.34	2.35	1977	5.22	5.21	5.21	5.23	5.24	5.24	5.25	5.24	5.26	5.28	5.26	5.26
1968	2.35	2.36	2.37	2.38	2.39	2.41	2.43	2.44	2.46	2.48	2.49	2.50													
1969	2.52	2.55	2.56	2.57	2.60	2.61	2.63	2.63	2.65	2.66	2.70	2.68													
1970	2.71	2.73	2.76	2.76	2.78	2.79	2.81	2.84	2.87	2.87	2.90	2.91													
1971	2.94	2.95	2.96	2.99	3.01	3.03	3.04	3.07	3.08	3.10	3.12	3.14													
1972	3.20	3.19	3.21	3.24	3.24	3.24	3.26	3.29	3.30	3.33	3.33	3.36													
1973	3.37	3.38	3.40	3.43	3.43	3.46	3.50	3.48	3.53	3.54	3.56	3.59													
1974	3.60	3.62	3.66	3.68	3.74	3.77	3.76	3.79	3.82	3.84	3.86	3.89													

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON TOTAL PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS, SEASONALLY ADJUSTED														GROSS AND SPENDABLE EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON TOTAL PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS, SEASONALLY ADJUSTED													
GROSS AVERAGE HOURLY EARNINGS IN 1977 DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS													
1978		5.28	5.28	5.28	5.32	5.30	5.29	5.29	5.28	5.28	5.26	5.27	1964		80.78	81.64	81.64	82.14	82.27	82.27	82.57	83.19	82.62	82.88	83.50	84.23	
1979		5.26	5.24	5.22	5.17	5.17	5.16	5.13	5.11	5.09	5.05	5.02	5.01	1965		84.86	85.32	85.85	85.64	86.30	86.10	86.42	86.54	86.34	87.39	87.72	87.93
													1966		87.32	88.03	88.13	88.24	88.35	88.66	88.96	88.96	89.38	89.68	89.78	89.78	
1980		4.95	4.93	4.92	4.90	4.88	4.89	4.90	4.90	4.87	4.88	4.87	4.85	1967		90.19	89.56	89.65	89.75	89.96	90.56	90.95	91.47	91.47	91.56	92.38	92.46
1981		4.85	4.84	4.84										1968		92.62	93.36	93.75	93.61	94.55	95.13	95.42	95.78	96.57	96.64	96.77	97.34
														1969		97.64	97.76	98.28	98.85	99.65	99.76	100.28	100.85	101.15	101.48	101.82	102.35
GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS													
1964		89.09	90.17	90.17	90.79	90.95	90.95	91.33	92.11	91.39	91.72	92.49	93.36	1970		103.03	103.60	103.94	103.69	104.28	104.61	105.46	105.79	105.31	105.56	106.14	106.73
1965		93.36	93.90	94.53	94.28	95.06	94.82	95.20	95.34	95.10	96.36	96.75	97.00	1971		109.23	109.81	110.68	110.97	111.85	112.14	111.89	113.30	112.48	113.88	114.46	115.32
1966		97.14	98.03	98.16	98.30	98.43	98.82	99.20	99.20	99.72	100.10	100.22	100.22	1972		118.77	119.05	119.93	120.80	120.51	120.80	121.09	121.97	122.84	124.02	124.01	124.29
1967		100.99	100.20	100.32	100.44	100.70	101.46	101.95	102.60	102.60	102.71	103.74	103.85	1973		123.95	124.82	125.70	126.55	126.54	127.11	128.25	127.94	128.80	129.06	130.53	130.48
1968		104.05	104.98	105.46	105.66	106.88	107.64	108.02	108.49	109.53	109.62	109.79	110.54	1974		130.45	131.61	131.86	131.19	133.84	134.93	135.22	136.02	137.48	137.65	136.98	137.76
1969		111.51	111.67	112.35	113.10	114.16	114.30	114.99	115.74	116.12	116.56	117.00	117.69	1975		138.03	137.91	138.12	138.73	145.72	146.91	147.48	149.31	150.17	150.46	151.85	152.48
														1976		152.15	152.99	152.82	153.37	154.85	155.69	156.50	157.22	157.67	158.48	159.56	160.37
1970		117.44	118.18	118.61	118.30	119.04	119.46	120.53	120.95	120.34	120.66	121.40	122.14	1977		159.40	162.00	162.54	163.89	165.09	172.55	173.69	173.97	174.97	176.53	176.24	176.81
1971		123.25	123.98	125.09	125.46	126.57	126.94	126.62	128.41	127.37	129.15	129.87	130.98	1978		172.85	174.51	176.84	179.41	179.53	181.03	182.11	182.49	183.40	185.45	185.28	186.62
1972		133.21	133.57	134.68	135.79	135.42	135.79	136.16	137.27	138.38	139.87	139.86	140.21	1979		188.06	189.63	191.68	189.33	192.88	194.75	195.86	196.49	197.86	197.65	198.73	200.35
1973		140.94	142.08	143.21	144.32	144.30	145.04	146.52	146.12	147.23	147.57	149.48	149.41	1980		199.66	201.00	202.38	203.18	203.49	205.36	205.39	207.49	209.08	210.95	212.83	213.90
1974		149.37	150.88	151.20	150.33	153.77	155.18	155.55	156.59	158.48	158.70	157.83	158.84	1981		213.96	214.75	216.62									
1975		159.20	159.04	159.31	160.11	160.83	162.36	163.08	165.43	166.52	166.88	168.69	169.52	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS													
1976		170.61	171.70	171.48	172.20	174.12	175.21	176.29	177.25	177.84	178.92	180.36	181.44	1964		158.08	159.77	160.08	160.74	160.68	160.68	161.27	162.48	161.37	161.25	162.14	163.24
1977		180.14	183.60	184.32	186.12	187.72	188.80	190.25	190.61	191.88	193.86	193.50	194.22	1965		164.14	165.03	166.38	165.33	165.96	164.94	165.87	166.10	165.40	167.09	167.40	167.17
1978		193.28	195.44	198.53	201.96	202.12	204.12	205.56	206.07	207.28	210.02	209.79	211.58	1966		165.69	166.09	165.97	165.55	165.45	165.72	165.97	165.05	165.52	165.16	165.34	165.34
1979		211.23	213.24	215.87	212.86	217.41	219.81	221.24	222.05	223.84	223.57	224.99	227.13	1967		165.79	164.33	164.50	164.38	164.46	165.26	165.06	165.41	164.51	164.38	165.26	164.81
1980		226.21	227.98	229.80	230.86	231.26	233.73	233.77	236.54	238.63	241.10	243.57	244.98	1968		164.51	165.24	165.64	164.81	165.88	166.31	165.95	166.00	166.50	166.05	165.14	165.83
1981		246.75	247.81	250.28										1969		165.77	165.41	164.90	165.30	166.08	165.44	165.48	165.60	165.01	165.01	164.76	164.55
GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS														1970		164.85	164.71	164.72	163.29	163.70	163.45	164.27	164.27	162.77	162.15	162.29	162.45
1964		174.34	176.46	176.80	177.67	177.64	177.64	178.38	179.90	178.50	178.44	179.59	180.93	1971		166.00	166.63	167.70	167.63	168.20	167.87	167.00	168.60	167.13	168.96	169.32	169.84
1965		180.58	181.62	183.20	182.01	182.81	181.65	182.73	182.99	182.18	184.24	184.64	184.41	1972		174.66	174.30	175.34	176.35	175.41	175.58	175.49	176.26	176.75	177.93	177.16	177.05
1966		184.33	184.96	184.86	184.43	184.33	184.71	185.07	184.04	184.67	184.35	184.57	184.57	1973		175.57	175.80	175.80	175.52	174.30	174.36	175.68	172.19	172.65	171.62	172.20	170.79
1967		185.64	183.85	184.07	183.96	184.10	185.15	185.03	185.53	184.53	184.40	185.58	185.12	1974		168.98	168.30	167.34	165.23	166.88	166.99	166.32	164.87	164.65	163.48	161.15	160.75
1968		184.81	185.81	186.33	186.02	187.51	188.18	187.86	188.02	188.84	188.35	187.35	188.31	1975		159.94	158.88	158.58	158.73	166.16	166.38	165.52	166.83	166.86	165.89	166.32	165.92
1969		189.32	188.95	188.51	189.13	190.27	189.55	189.75	190.05	189.43	189.53	189.32	189.21	1976		165.20	165.75	165.39	165.63	166.51	166.69	166.49	166.37	165.97	165.77	166.21	166.36
														1977		164.33	165.64	165.35	165.71	166.25	172.72	173.17	172.59	172.72	173.41	172.11	171.83
1970		187.90	187.89	187.97	186.30	186.88	186.66	187.74	187.81	186.00	185.35	185.63	185.91	1978		167.00	167.80	168.90	170.06	168.89	168.87	168.62	168.04	167.34	167.52	166.17	166.33
1971		187.31	188.13	189.53	189.52	190.33	190.03	188.99	191.09	189.26	191.62	192.12	192.90	1979		166.13	165.76	165.96	162.38	163.60	163.52	162.54	161.45	160.60	158.88	157.97	157.38
1972		195.90	195.56	196.90	198.23	197.12	197.37	197.33	198.37	199.11	200.67	199.80	199.73	1980		154.78	153.79	152.85	152.08	151.07	151.11	151.02	151.34	150.74	150.57	150.20	149.48
1973		199.63	200.11	200.29	200.17	198.76	198.96	200.71	196.66	197.36	196.24	197.20	195.56	1981		148.38	147.49	147.96									
1974		193.48	192.94	191.88	189.33	191.73	192.05	191.33	189.81	189.80	188.48	185.68	185.34	INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977=100													
1975		184.47	183.23	182.90	183.19	183.39	183.87	183.03	184.84	185.02	183.99	184.76	184.46	TOTAL PRIVATE ²													
1976		185.24	186.02	185.58	185.96	187.23	187.59	187.54	187.57	187.20	187.15	187.88	188.22	1964		76.9	78.1	78.1	78.6	78.7							

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100													
TOTAL PRIVATE ²														GOODS-PRODUCING ⁴													
1967		86.8	86.0	85.9	85.7	85.9	86.0	86.1	86.4	86.6	86.4	87.4	87.3	1980		106.7	106.4	105.2	104.1	101.6	100.5	98.7	100.2	101.3	101.7	102.0	102.3
1968		86.4	87.7	87.5	87.5	88.1	88.5	88.6	88.8	89.2	89.4	89.4	89.8	1981		102.4	100.9	102.4									
1969		90.4	90.3	90.9	91.1	91.4	91.5	91.8	92.0	92.1	92.0	91.7	92.0														
1970		91.5	91.5	91.5	90.8	90.3	90.1	90.2	89.7	89.0	88.4	88.0	88.9	MINING													
1971		89.0	88.7	88.9	89.1	89.3	89.5	89.0	89.3	89.2	89.7	90.1	90.6	1947		136.6	135.6	135.7	121.4	133.1	138.4	127.7	132.0	132.4	132.1	131.9	132.5
1972		91.1	91.4	92.0	92.5	92.4	93.0	92.6	93.0	93.4	94.4	94.7	94.6	1948		135.4	135.2	138.8	106.7	136.0	139.1	133.0	140.6	135.3	135.0	131.5	131.6
1973		95.2	96.2	96.7	96.9	96.9	97.2	97.1	97.2	97.4	97.6	98.5	98.0	1949		131.7	130.6	126.1	130.9	126.1	112.7	111.9	104.1	106.6	73.6	111.6	97.4
1974		97.7	98.0	97.7	97.0	97.9	97.8	97.6	97.5	97.3	97.0	95.5	94.2	1950		92.2	69.5	127.6	123.1	116.7	119.7	125.2	122.0	123.2	122.7	121.2	121.4
1975		93.5	92.0	91.1	91.1	91.4	91.5	91.9	93.0	93.2	93.6	93.9	94.5	1951		121.7	119.2	116.9	117.3	116.9	120.3	121.7	119.4	122.4	122.2	121.8	122.2
1976		95.3	95.7	95.5	95.9	96.2	96.2	96.6	96.4	96.4	96.5	96.7	97.0	1952		124.1	122.0	122.8	115.5	116.5	102.6	99.6	116.8	122.1	111.3	115.8	114.3
1977		96.3	97.8	98.3	99.1	99.7	100.3	100.6	100.8	101.3	101.7	101.7	101.9	1953		112.5	111.1	110.8	110.7	112.8	114.4	113.3	113.1	110.5	109.8	106.7	104.4
1978		100.6	101.5	103.2	104.7	104.5	105.5	105.8	106.0	106.1	106.6	106.8	107.3	1954		103.5	103.1	99.3	98.4	97.7	99.1	97.7	97.5	94.6	96.8	98.5	98.2
1979		106.7	107.3	108.4	106.9	108.3	108.9	109.0	109.0	109.0	108.9	108.8	109.0	1955		99.3	101.0	101.8	103.3	104.6	104.0	104.6	102.4	104.0	104.3	103.6	105.3
1980		108.5	108.6	108.2	107.6	106.6	106.1	105.9	106.6	107.1	107.4	107.7	107.9	1956		106.7	106.9	108.3	110.4	107.8	106.8	98.3	105.9	109.0	107.1	105.8	106.4
1981		108.2	107.9	108.4										1957		106.1	107.4	107.3	107.1	104.7	105.7	105.2	104.7	104.7	100.7	98.0	97.5
GOODS-PRODUCING ⁴														1958		95.2	91.7	89.5	86.1	85.9	87.2	85.7	86.4	87.7	88.0	90.5	91.1
1947		89.4	89.7	89.8	89.1	88.5	88.4	87.3	86.8	88.3	88.6	89.3	90.4	1959		91.1	90.2	91.6	91.7	93.6	93.6	91.1	83.7	80.6	82.3	88.0	90.9
1948		90.7	89.2	90.1	87.6	88.2	89.3	89.2	88.7	88.4	87.7	87.8	86.7	1960		88.4	87.4	90.0	90.9	89.1	86.3	84.5	85.4	83.7	83.7	82.1	80.1
1949		85.2	84.3	82.5	80.8	79.6	78.5	78.5	78.3	79.5	76.3	77.5	78.1	1961		81.7	80.1	78.6	79.0	79.7	80.3	81.9	80.6	80.7	81.3	81.3	79.7
1950		79.1	78.1	81.1	83.0	85.0	86.8	88.8	91.4	91.4	92.9	93.6	92.9	1962		78.8	80.6	80.7	80.1	79.0	77.7	76.3	78.3	78.1	77.0	76.6	75.8
1951		94.4	94.7	95.3	96.2	95.3	94.7	94.1	92.6	92.7	92.1	92.1	93.2	1963		76.1	76.1	75.7	77.4	78.1	78.5	76.8	77.2	78.5	77.8	77.2	77.9
1952		94.0	94.6	93.6	92.6	92.6	90.6	88.8	93.2	96.4	96.7	97.7	98.7	1964		76.8	77.3	77.0	77.3	77.0	77.8	77.2	77.2	76.7	78.8	79.9	78.6
1953		98.7	99.5	100.1	99.9	99.2	99.0	98.5	97.5	94.8	95.1	93.3	91.6	1965		78.8	78.3	78.7	77.7	78.4	77.4	77.8	78.3	76.3	77.6	77.7	78.8
1954		89.4	90.2	89.3	88.1	87.5	87.2	86.4	86.1	85.5	86.5	88.5	88.3	1966		79.0	78.7	80.1	70.8	77.7	78.0	78.2	78.3	77.9	77.5	76.9	77.0
1955		89.1	90.2	92.1	92.5	94.2	93.9	93.9	93.7	94.0	94.8	95.4	95.7	1967		77.2	75.9	75.9	75.7	75.1	75.3	76.5	73.6	73.1	72.1	72.8	71.6
1956		95.7	95.6	94.5	95.7	94.7	94.7	91.4	94.3	94.5	95.6	94.9	95.6	1968		70.3	71.8	71.6	74.2	74.4	74.7	75.5	75.2	75.4	65.4	74.7	75.2
1957		93.9	95.4	94.6	93.7	92.5	92.5	92.0	91.8	90.3	89.2	87.5	86.7	1969		75.5	75.5	74.4	75.7	75.7	73.1	75.3	76.8	76.7	76.0	76.7	76.7
1958		85.3	81.8	81.5	80.0	80.0	80.4	80.9	81.9	83.1	82.6	85.3	85.1	1970		75.6	76.2	75.7	76.0	74.8	74.8	75.0	74.6	74.3	75.0	75.3	75.6
1959		86.9	86.9	88.6	90.1	90.7	91.3	90.5	87.8	86.7	86.1	86.9	90.2	1971		75.3	74.2	74.7	74.8	74.8	74.4	71.4	73.2	73.1	60.6	61.2	74.5
1960		90.4	90.3	88.1	88.8	88.7	87.7	87.3	86.3	85.3	85.0	83.4	80.3	1972		77.0	75.5	76.5	75.1	74.9	75.4	74.8	75.6	76.3	75.9	75.8	74.1
1961		82.0	81.6	81.6	81.9	82.6	84.0	84.1	84.8	83.7	85.3	86.5	86.1	1973		74.4	74.2	74.7	74.9	75.6	75.8	76.4	77.4	77.5	77.4	78.5	80.5
1962		84.3	86.6	87.1	88.4	88.1	87.5	87.8	87.7	88.1	87.4	87.3	86.4	1974		81.2	82.6	82.3	83.8	84.7	84.4	84.5	85.2	85.8	87.2	72.7	79.4
1963		87.0	86.5	87.0	87.8	88.6	88.7	88.7	88.6	88.9	89.3	88.4	88.5	1975		86.4	87.0	86.1	84.9	90.1	89.7	89.3	89.2	90.5	92.6	92.2	92.9
1964		86.5	89.5	89.3	90.0	90.0	90.2	90.4	91.1	90.6	90.0	92.4	93.4	1976		92.5	91.8	92.6	91.3	91.6	93.1	94.8	86.2	97.0	96.9	97.2	97.3
1965		93.7	94.1	94.6	93.8	95.2	95.2	95.7	96.0	95.4	96.9	97.8	99.2	1977		94.8	97.1	99.9	101.6	101.6	104.7	102.8	98.4	104.7	106.2	106.5	81.0
1966		99.6	100.8	101.6	101.2	101.1	102.0	101.8	102.3	101.6	102.1	101.9	101.8	1978		78.2	80.6	83.8	107.6	108.1	110.0	109.7	110.3	110.8	112.4	113.8	113.1
1967		102.2	99.8	99.3	99.1	98.6	98.4	98.9	99.1	99.1	98.7	100.6	99.9	1979		110.7	112.1	113.4	112.5	113.0	114.9	111.8	117.3	118.2	119.1	119.4	120.6
1968		98.0	100.8	100.1	99.7	101.6	101.6	101.4	101.5	102.1	102.3	101.8	102.8	1980		119.8	120.1	120.7	120.1	120.7	122.9	117.0	120.5	123.1	124.0	126.6	130.1
1969		103.2	102.9	103.9	103.9	104.1	104.2	104.3	104.3	104.5	103.8	102.9	103.4	1981		130.1	128.6	128.2									
1970		101.6	101.6	101.4	100.3	98.5	98.2	98.3	97.2	94.8	93.1	92.6	94.9	CONSTRUCTION													
1971		95.3	94.0	94.5	94.7	95.5	95.4	95.0	94.6	94.1	95.3	96.5	96.3	1947		59.5	61.1	62.9	60.9	60.5	61.1	61.3	61.6	62.7	62.4	62.9	64.1
1972		97.9	98.2	98.9	99.7	99.6	100.2	99.5	100.3	100.8	102.1	102.5	101.9	1948		66.7	63.9	66.6	66.7	66.4	68.3	68.0	67.3	68.0	66.9	69.0	70.2
1973		102.9	105.0	105.6	105.8	105.9	106.1	106.2	105.9	106.1	106.4	107.7	107.3	1949		69.9	69.5	68.3	66.6	67.2	65.1	65.					

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100													
CONSTRUCTION														MANUFACTURING													
1956		84.6	87.4	85.0	88.3	89.2	93.8	90.5	91.3	91.6	91.2	91.3	91.6	1970		103.1	102.2	102.1	100.7	99.0	98.8	98.8	97.6	96.1	92.9	92.0	94.1
1957		84.0	92.2	90.6	88.7	87.3	87.5	86.5	86.0	85.1	84.5	81.8	82.8	1971		95.0	94.3	94.1	94.1	95.2	94.9	94.5	93.9	93.7	94.8	95.3	95.8
1958		83.8	73.4	79.6	78.9	80.1	78.1	78.5	80.2	81.8	83.5	85.6	81.6	1972		96.5	97.6	98.2	99.4	99.3	99.9	99.3	99.9	100.4	101.8	102.9	103.1
1959		84.9	81.8	85.1	88.9	88.3	88.8	87.1	87.9	84.3	83.5	84.5	90.0	1973		103.3	105.7	105.8	106.2	105.9	105.9	105.8	105.6	105.9	106.4	107.1	107.1
1960		83.4	85.8	76.6	85.1	84.0	84.0	85.0	83.3	83.3	83.3	81.3	77.5	1974		106.1	105.4	105.0	102.1	104.7	104.4	104.2	103.5	102.7	101.8	98.6	95.0
1961		81.6	81.7	80.7	78.1	78.4	81.5	80.8	81.8	81.1	82.6	82.6	81.1	1975		92.1	89.0	87.8	88.4	88.0	88.2	88.5	90.3	91.5	92.1	92.3	93.9
1962		73.4	81.9	81.4	84.3	85.8	82.3	85.6	85.5	86.7	85.5	85.3	81.7	1976		95.3	95.5	95.7	95.0	96.4	96.2	96.5	96.0	96.1	95.6	96.5	96.3
1963		82.5	81.0	82.4	86.8	87.1	87.7	87.8	88.1	88.4	89.1	87.0	84.9	1977		95.8	97.7	98.4	99.7	100.1	100.9	100.7	100.9	101.4	101.4	101.5	101.9
1964		77.8	89.7	87.8	88.3	89.2	89.7	88.6	89.5	85.7	90.7	92.6	93.3	1978		100.3	101.5	103.2	104.8	104.1	104.7	105.1	105.0	105.5	105.8	106.6	106.9
1965		92.1	92.4	91.9	89.6	94.0	92.8	91.9	93.5	89.9	94.0	94.8	99.2	1979		107.0	107.2	107.6	104.4	107.1	107.3	107.4	106.3	106.1	105.6	104.4	104.3
1966		98.0	98.3	101.0	97.0	93.6	96.9	97.6	94.8	93.7	93.7	92.9	95.4	1980		103.9	103.4	102.5	101.1	98.1	96.2	94.9	96.5	97.2	97.6	98.4	98.5
1967		96.7	91.6	91.5	91.8	91.1	92.0	94.2	93.7	94.4	93.2	98.5	92.5	1981		98.9	98.0	98.4									
1968		86.3	95.2	93.5	96.3	95.6	94.8	94.3	96.1	97.5	98.5	93.8	99.5	SIC 24,25,32-39—DURABLE GOODS													
1969		101.5	101.4	101.1	102.0	104.0	103.4	103.4	103.2	104.5	102.9	104.5	106.3	1947		84.7	85.3	85.3	85.4	84.0	83.8	81.9	80.7	82.1	82.5	83.5	84.6
1970		100.2	105.1	104.2	104.0	101.9	101.3	101.1	100.4	93.4	98.7	99.8	103.7	1948		84.8	83.2	83.9	82.1	81.2	81.2	82.3	82.0	80.9	81.7	81.6	80.0
1971		101.3	96.9	101.1	102.8	102.1	103.4	103.5	103.7	100.8	106.3	111.3	104.2	1949		78.5	76.9	74.4	72.1	70.1	69.5	69.4	68.9	70.2	65.1	65.1	69.0
1972		110.1	107.1	108.4	107.5	107.2	107.8	106.4	108.1	108.9	109.9	107.1	102.5	1950		71.1	71.1	72.0	75.0	78.8	80.9	82.9	86.0	86.5	88.4	88.7	89.1
1973		107.9	108.9	111.7	111.7	113.2	114.6	115.1	114.4	114.4	113.3	117.6	115.1	1951		90.1	91.4	92.4	93.2	92.7	92.3	91.0	90.0	90.3	89.7	90.1	90.8
1974		113.0	118.9	115.3	111.1	111.6	110.3	107.2	107.2	107.1	105.8	103.8	102.8	1952		91.6	91.7	91.5	90.3	90.5	86.1	82.7	89.8	94.6	96.1	97.5	99.1
1975		104.1	95.9	89.1	90.3	91.4	88.8	89.6	92.1	92.8	91.6	92.2	93.4	1953		100.1	101.0	102.3	102.1	101.5	101.1	101.0	99.5	96.7	95.7	92.7	90.7
1976		92.5	93.1	90.8	93.7	93.5	94.8	95.1	95.0	93.0	96.7	93.9	93.5	1954		89.4	88.3	86.5	85.1	84.5	83.8	82.6	82.1	81.7	82.9	84.9	85.1
1977		85.7	94.2	96.7	99.6	101.0	102.0	103.4	102.5	102.4	104.0	101.7	102.3	1955		86.4	88.1	89.6	90.6	92.5	92.1	92.1	92.2	92.2	93.7	94.6	94.5
1978		93.3	97.3	105.0	111.6	110.5	116.3	118.0	117.5	116.6	118.7	114.7	116.8	1956		94.4	93.5	92.3	93.8	92.1	91.3	86.9	91.5	91.7	93.7	93.0	94.1
1979		109.4	111.2	120.5	113.9	120.5	123.1	122.8	124.1	123.6	122.5	118.8	121.9	1957		93.4	93.7	92.7	91.8	90.5	90.4	89.5	89.9	86.8	86.0	84.3	82.5
1980		117.7	118.5	115.6	115.6	115.2	117.3	114.3	114.5	117.6	117.7	114.4	115.6	1958		80.0	77.1	75.7	73.6	72.9	73.8	74.4	75.4	76.9	75.1	79.2	80.0
1981		113.9	109.1	116.6										1959		81.7	82.5	84.6	86.2	87.3	88.2	87.2	81.7	81.1	80.6	81.1	85.9
MANUFACTURING														1960		88.4	87.8	86.5	85.1	84.8	83.3	82.6	81.6	80.4	79.9	77.9	75.0
1947		93.0	93.1	92.9	93.0	91.8	91.4	90.4	89.5	91.2	91.6	92.4	93.5	1961		75.7	74.8	74.9	76.1	77.5	78.5	78.9	79.6	78.2	80.1	82.0	82.0
1948		93.2	91.9	92.4	90.7	90.2	91.0	91.2	90.4	90.1	89.5	89.4	87.7	1962		81.3	82.8	83.4	84.3	83.9	83.6	83.6	83.8	83.5	83.3	83.0	83.0
1949		86.0	85.0	83.1	81.2	79.8	79.5	79.4	79.5	81.0	78.5	77.8	80.0	1963		83.8	83.5	83.8	84.1	85.1	85.3	85.4	84.9	85.4	85.7	85.4	85.8
1950		81.5	81.6	82.3	84.2	86.6	88.3	90.2	93.3	93.3	94.8	94.9	94.9	1964		85.0	86.2	86.6	87.4	87.1	87.5	88.2	89.0	89.6	85.8	89.9	91.5
1951		96.1	96.9	97.2	98.1	96.8	96.4	95.3	93.6	93.5	92.6	93.0	94.0	1965		92.1	92.7	93.5	93.4	94.2	94.6	95.4	95.6	95.7	96.8	97.8	99.0
1952		94.6	94.7	94.4	93.6	93.7	91.5	89.6	94.2	97.6	98.8	99.8	100.8	1966		100.1	101.6	102.2	103.2	103.5	103.9	103.5	105.2	104.8	105.4	105.1	104.4
1953		101.2	101.8	103.0	103.1	102.5	102.1	101.9	100.4	97.7	97.1	94.9	93.3	1967		104.4	102.3	101.6	100.9	100.9	100.2	100.2	100.9	99.8	99.4	101.1	101.8
1954		91.9	91.4	90.4	89.2	88.8	88.4	87.5	87.3	87.1	87.9	89.5	89.7	1968		101.3	102.3	101.8	101.0	103.3	103.2	103.0	102.3	103.0	103.6	103.9	103.7
1955		90.7	92.0	93.3	94.0	95.5	95.4	95.1	95.2	95.2	96.6	97.4	97.3	1969		104.7	104.4	105.5	105.4	105.1	105.6	105.7	105.6	106.0	105.3	102.7	103.0
1956		97.3	96.6	95.7	96.5	95.1	94.3	91.3	94.3	94.4	95.9	95.1	95.9	1970		101.5	100.2	100.6	98.8	97.0	96.6	96.4	95.0	93.5	88.2	86.7	90.2
1957		95.3	95.4	94.7	94.1	93.0	92.8	92.4	92.3	90.7	89.5	88.2	87.0	1971		91.3	90.5	90.3	90.0	91.3	91.1	90.5	89.5	89.1	90.8	91.1	91.9
1958		85.2	83.0	81.5	79.9	79.7	80.5	81.1	82.0	83.2	82.2	84.9	85.5	1972		92.7	94.2	94.9	96.4	96.6	97.1	96.7	97.4	98.2	100.0	101.5	102.1
1959		87.0	87.7	89.2	90.3	91.1	91.7	91.1	87.9	87.5	86.8	87.3	90.2	1973		103.1	105.6	105.6	106.1	106.1	106.3	106.5	106.1	106.6	107.2	107.8	107.8
1960		91.8	91.3	90.2	89.4	89.5	88.4	87.9	87.0	85.7	85.5	83.8	80.9	1974		106.3	105.5	105.3	102.3	105.2	105.2	105.1	104.2	103.7	103.2	99.6	95.8
1961		82.2	81.6	81.9	82.8	83.6	84.6	84.9	85.5	84.3	86.0	87.5	87.4	1975		92.7											

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977=100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977=100													
SIC 24—LUMBER AND WOOD PRODUCTS														SIC 25—FURNITURE AND FIXTURES													
1947		134.9	141.3	134.7	135.7	135.3	132.3	131.0	129.6	129.6	127.6	128.0	131.1	1960		84.9	84.7	82.6	84.7	84.6	82.8	82.0	80.8	79.9	79.0	77.3	74.8
1948		136.1	133.1	132.0	124.9	123.1	124.3	130.5	129.7	126.8	125.2	124.0	120.1	1961		72.4	73.8	74.2	75.3	75.9	77.1	78.0	78.8	79.4	80.6	82.0	82.3
1949		118.9	114.4	114.0	112.4	112.1	109.4	107.4	107.4	108.9	111.7	113.4	115.3	1962		78.9	82.5	83.5	84.7	84.7	84.2	83.4	83.8	83.7	83.3	83.4	82.9
1950		110.3	114.0	118.1	119.1	121.0	122.8	126.1	129.7	130.5	130.5	129.8	131.0	1963		83.8	83.3	83.4	83.4	84.0	84.5	85.5	85.1	85.6	85.6	85.6	86.0
1951		134.7	132.7	129.3	133.9	132.8	130.7	123.1	123.1	123.9	123.7	122.5	122.3	1964		83.7	86.8	87.1	88.3	87.4	88.3	89.3	89.5	89.2	90.5	91.0	91.5
1952		120.6	122.7	119.6	119.7	110.2	120.1	122.4	123.4	123.5	120.6	121.0	121.4	1965		91.9	93.6	94.2	94.4	94.1	94.4	95.0	94.4	94.9	96.1	96.8	98.4
1953		122.6	122.7	123.0	121.9	119.2	118.0	116.7	112.4	111.2	111.0	110.0	107.3	1966		99.1	99.9	101.2	101.2	102.9	102.9	103.0	103.0	102.0	101.7	101.8	100.5
1954		105.0	107.2	108.2	106.5	105.9	106.2	96.1	94.9	105.7	110.9	112.7	111.7	1967		99.6	97.9	96.6	96.0	95.0	95.5	95.4	95.7	96.7	97.3	97.6	99.1
1955		112.3	112.1	111.6	109.7	111.6	113.6	111.9	112.5	113.0	112.3	112.0	113.8	1968		96.7	101.2	100.5	98.5	101.8	101.8	101.3	102.1	102.6	102.6	103.0	103.0
1956		115.4	114.4	110.1	111.4	110.4	108.6	109.2	110.1	107.7	104.5	102.8	102.0	1969		103.8	104.1	105.1	105.1	105.4	104.9	103.3	104.1	103.3	102.8	101.7	101.4
1957		100.6	100.1	99.5	98.9	98.1	96.8	95.5	96.3	90.8	92.3	91.2	90.4	1970		99.6	98.6	98.6	97.0	93.5	92.4	93.9	93.7	93.0	94.4	94.1	94.3
1958		89.1	87.7	87.5	84.9	85.7	87.4	88.1	89.6	93.6	95.4	96.2	96.8	1971		94.0	93.3	94.0	94.6	96.4	96.9	98.5	96.9	98.1	99.9	101.4	103.0
1959		98.1	97.2	100.5	100.6	101.4	101.0	101.8	100.6	99.7	99.2	100.7	101.7	1972		104.6	106.5	106.3	108.1	107.6	108.2	108.7	108.2	109.2	110.6	110.0	110.0
1960		99.3	98.5	94.0	98.0	96.4	95.6	94.4	92.3	91.6	90.2	87.2	83.9	1973		109.9	113.8	114.9	114.1	113.3	114.1	112.7	112.2	111.4	111.9	111.9	112.4
1961		86.4	84.4	84.7	85.7	87.1	88.4	87.8	88.4	88.3	89.6	89.0	87.6	1974		112.2	110.3	109.7	108.1	109.5	109.5	107.8	106.8	104.4	101.3	94.6	90.3
1962		84.1	90.1	88.6	90.1	90.6	89.8	90.9	91.8	91.3	89.7	90.5	89.4	1975		84.2	80.1	79.1	81.0	82.7	82.9	84.4	87.8	90.5	91.1	92.6	93.8
1963		91.7	90.9	91.3	90.6	91.1	87.4	88.5	90.6	93.0	92.6	93.3	93.3	1976		94.9	95.5	95.2	95.3	95.6	94.3	97.5	94.0	94.0	93.3	94.3	94.3
1964		89.8	93.2	93.3	93.0	93.0	93.1	93.9	93.8	92.6	93.4	94.1	94.2	1977		92.1	95.3	96.8	97.9	99.2	100.7	101.8	101.8	102.6	103.9	103.9	105.2
1965		92.4	93.0	95.1	94.6	95.0	93.0	94.3	95.1	94.3	95.9	97.2	99.2	1978		101.7	106.8	107.9	109.0	108.4	108.7	108.1	108.1	107.3	107.0	107.3	107.3
1966		99.0	98.5	97.6	98.3	98.5	97.0	96.4	95.7	94.0	93.3	93.1	92.0	1979		107.0	105.9	106.5	103.5	105.4	105.4	105.9	106.2	105.4	105.2	104.9	103.6
1967		93.2	92.0	92.1	92.2	90.7	91.6	91.1	90.2	91.9	92.5	94.0	91.8	1980		103.9	102.3	101.2	101.3	95.9	92.1	88.6	92.6	95.1	95.1	95.1	96.4
1968		89.0	94.9	93.2	92.8	93.0	93.9	94.6	95.3	95.7	95.9	95.4	98.4	1981		96.6	97.4	97.4									
1969		97.3	98.0	98.5	96.1	97.2	96.1	94.5	94.6	94.2	93.0	93.8	95.0	SIC 32—STONE, CLAY, AND GLASS PRODUCTS													
1970		93.9	92.5	90.9	90.2	89.6	88.1	87.5	87.7	87.5	86.9	88.2	87.9	1947		89.1	87.0	87.8	88.6	87.0	87.8	87.1	86.6	87.4	87.3	88.2	88.1
1971		89.0	89.1	89.8	91.2	91.4	93.0	94.6	94.3	95.6	98.2	99.1	99.1	1948		87.3	85.9	88.5	89.3	90.1	90.0	88.5	90.5	89.3	89.6	88.3	87.8
1972		100.7	100.9	101.3	102.0	101.4	102.9	103.4	104.4	105.0	105.6	106.6	103.3	1949		86.0	85.1	82.4	79.5	79.6	77.9	76.9	77.7	78.1	78.0	78.3	78.9
1973		104.0	107.0	108.3	108.2	107.1	107.3	106.0	106.1	106.2	106.0	105.8	106.2	1950		79.5	80.4	80.4	82.9	86.2	88.3	89.9	92.0	91.8	95.2	96.7	95.4
1974		104.3	104.4	105.3	103.5	103.6	101.0	99.6	96.7	93.3	88.1	83.9	80.6	1951		97.9	96.5	98.0	98.9	97.8	97.0	96.9	94.8	94.1	92.6	90.8	90.7
1975		78.3	76.6	75.7	77.4	79.2	81.3	81.3	83.6	85.1	85.7	85.3	87.4	1952		90.7	90.5	89.1	88.4	88.3	88.5	86.7	88.5	89.5	90.9	91.2	92.0
1976		92.2	91.7	90.4	91.7	92.4	92.8	94.3	94.7	94.4	95.5	95.6	96.1	1953		92.4	93.5	93.9	93.5	92.6	92.4	92.2	91.4	90.1	90.3	89.3	88.2
1977		95.4	97.4	97.3	99.2	99.1	99.5	99.7	100.2	102.4	102.5	103.1	103.4	1954		85.9	87.2	86.0	84.8	84.1	83.3	84.3	84.7	84.9	85.6	87.0	87.5
1978		102.1	103.0	104.2	106.8	105.1	106.3	105.6	104.1	103.6	104.8	105.5	105.9	1955		88.9	90.2	91.7	92.0	93.4	94.0	93.3	94.5	95.5	94.8	95.0	95.9
1979		105.3	105.5	107.1	105.9	107.2	106.6	106.1	105.7	105.5	104.6	101.0	99.1	1956		96.8	96.6	95.8	96.3	95.7	94.7	93.3	93.3	91.8	93.7	93.5	94.1
1980		99.6	99.5	97.1	88.9	84.7	84.6	85.9	88.5	89.5	89.1	90.6	91.7	1957		94.5	94.9	93.5	91.9	91.1	89.8	87.2	89.2	90.0	89.3	88.5	87.1
1981		93.2	91.7	91.9										1958		86.1	82.5	81.1	79.5	79.9	80.9	82.5	84.3	86.6	84.4	85.7	85.2
														1959		87.0	87.8	92.4	95.2	94.7	95.9	95.5	93.8	93.3	92.4	92.5	93.9
SIC 25—FURNITURE AND FIXTURES														1960		94.1	94.1	91.1	92.7	92.3	91.5	90.8	90.3	89.2	89.9	87.6	84.2
1947		76.8	77.4	76.6	78.5	79.5	79.6	78.6	77.6	77.5	78.7	80.6	81.6	1961		85.4	83.4	85.2	84.8	85.8	87.4	87.8	88.5	88.9	88.5	87.3	87.2
1948		85.7	83.3	82.2	81.2	80.1	80.0	80.2	78.7	77.3	77.4	76.3	73.9	1962		85.6	87.7	87.5	88.9	89.7	89.5	89.7	90.1	90.3	90.2	89.5	86.7
1949		71.2	69.2	68.3	67.9	66.9	67.4	67.7	69.4	71.5	72.9	72.4	74.4	1963		87.9	86.8	88.8	90.5	91.9	92.3	92.7	92.2	91.9	92.5	92.7	91.1
1950		77.0	78.3	80.2	82.7	84.1	86.1	87.1	90.5	88.7	87.4	87.6	85.8	1964		89.8	93.3	93.7	93.9	93.9	93.9	93.7	93.8	93.7	94.2	94.4	94.8
1951		87.2	87.2	88.8	86.6	82.3	79.0	78.7	76.1	74.3	74.2	76.2	77.6	1965		9											

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100													
SIC 32—STONE, CLAY, AND GLASS PRODUCTS														SIC 34—FABRICATED METAL PRODUCTS													
1973		105.7	108.6	109.9	110.3	110.0	110.4	109.9	109.8	110.2	110.6	110.9	112.1	1947		74.0	74.1	75.1	75.3	74.5	73.2	72.5	69.9	71.7	71.9	72.2	73.4
1974		110.9	111.3	110.6	108.0	108.3	107.6	108.0	106.7	105.2	103.9	101.8	98.6	1948		73.3	72.8	72.9	71.9	71.7	69.8	71.3	71.2	69.3	71.1	71.3	69.8
1975		96.0	92.6	89.5	89.9	89.9	89.5	90.0	91.8	92.7	92.5	92.7	93.2	1949		67.2	66.0	64.0	61.3	60.2	59.6	60.7	60.6	62.0	58.5	57.1	60.3
1976		95.2	95.5	94.0	95.8	96.5	96.3	96.4	95.9	96.3	96.5	96.5	96.2	1950		62.1	63.3	64.6	67.2	69.5	73.1	75.0	78.3	79.3	80.4	80.6	80.4
1977		94.8	95.0	97.7	100.7	100.7	101.4	101.4	101.7	100.5	99.9	102.1	102.5	1951		81.3	81.9	83.3	84.1	83.0	82.2	80.3	79.2	78.7	78.2	77.8	78.7
1978		100.3	102.1	103.6	105.8	105.2	105.7	106.2	105.5	105.5	105.7	106.0	106.4	1952		79.7	80.2	80.1	79.1	79.5	74.3	71.0	76.9	82.1	84.4	85.7	87.9
1979		105.5	105.9	107.4	105.4	106.7	106.9	106.2	106.0	105.0	104.4	103.3	102.6	1953		89.2	90.2	91.7	92.1	91.6	91.1	90.7	89.2	86.1	85.4	82.9	80.3
1980		102.5	102.2	100.0	97.5	94.6	92.1	90.9	92.4	93.9	93.9	94.5	94.1	1954		80.7	79.7	78.0	76.8	77.3	76.6	75.7	76.0	75.1	75.5	76.9	77.1
1981		94.6	92.8	92.7										1955		77.8	79.0	80.8	81.9	83.6	83.2	83.2	83.6	83.9	85.5	84.8	84.1
SIC 33—PRIMARY METAL INDUSTRIES														SIC 35—MACHINERY, EXCEPT ELECTRICAL													
1947		110.3	111.2	112.7	114.4	113.3	114.2	111.8	111.6	111.5	111.7	111.5	111.2	1956		83.5	83.5	82.6	83.7	81.5	80.6	76.9	80.1	81.9	84.7	82.7	84.0
1948		111.6	111.9	113.5	110.7	113.2	113.0	114.5	114.9	113.8	115.6	114.8	112.6	1957		83.7	84.9	84.3	84.3	82.9	82.9	82.9	82.6	81.5	81.5	80.0	78.6
1949		111.4	110.4	106.4	102.8	98.9	95.3	93.1	92.2	92.3	54.7	70.2	95.2	1958		76.6	73.7	72.0	69.8	68.9	70.0	71.4	72.4	73.9	72.1	75.1	76.0
1950		97.1	99.4	97.7	105.3	108.5	110.9	114.4	116.4	118.5	119.9	120.3	120.9	1959		77.2	77.3	78.8	80.4	81.5	82.2	81.4	78.0	78.0	75.1	72.4	78.7
1951		121.0	120.9	122.8	125.0	124.9	125.5	124.9	123.1	123.3	121.9	120.3	122.3	1960		82.1	82.5	81.2	78.9	79.1	78.5	78.1	78.0	76.7	76.5	73.7	71.0
1952		121.5	121.3	121.8	113.9	114.7	72.3	69.4	114.6	120.2	121.3	122.2	122.5	1961		71.8	70.7	70.4	71.8	73.6	74.1	74.6	76.0	73.4	76.3	77.8	77.8
1953		123.8	124.6	125.9	124.8	125.3	124.5	125.1	123.0	118.4	117.0	112.5	109.0	1962		77.2	78.4	79.3	79.8	79.8	79.8	79.7	79.4	79.7	79.4	78.9	79.0
1954		106.0	103.2	99.7	98.3	98.1	98.5	98.0	96.9	96.3	97.2	100.2	101.3	1963		79.9	79.5	79.8	79.8	81.3	81.5	82.1	81.9	82.7	83.1	82.1	82.7
1955		104.1	107.9	111.1	114.6	118.1	117.9	116.0	116.5	121.0	120.9	121.8	122.2	1964		82.1	83.1	83.6	84.4	83.7	83.8	84.7	85.4	85.9	82.2	85.9	87.3
1956		123.1	122.0	120.8	122.4	120.2	118.4	80.3	113.9	120.7	120.9	119.5	120.2	1965		88.1	89.4	88.3	88.9	90.5	90.7	91.7	91.1	90.7	92.6	94.4	94.3
1957		120.3	118.6	116.2	115.1	113.9	113.9	113.4	111.9	108.7	106.0	102.5	99.3	1966		96.0	97.6	98.1	98.7	99.6	99.6	99.5	101.2	101.7	102.4	103.3	103.4
1958		93.7	89.0	86.8	83.3	82.8	85.8	87.0	88.1	91.6	92.4	96.0	97.5	1967		103.7	102.0	101.5	101.5	101.4	101.6	101.9	102.3	100.9	101.0	102.2	103.1
1959		99.5	103.6	107.9	111.4	114.1	115.0	107.0	66.9	63.9	63.5	100.4	112.6	1968		103.2	103.3	103.6	101.5	105.1	105.9	106.2	106.1	107.1	108.1	109.4	108.5
1960		113.8	112.0	109.4	105.4	101.1	97.6	94.4	93.0	90.1	89.5	86.3	83.0	1969		109.6	108.8	110.3	109.8	109.6	109.7	109.5	109.2	108.5	107.7	107.0	106.9
1961		83.1	82.4	82.7	84.9	89.2	92.0	94.5	96.1	97.0	98.7	98.8	99.4	1970		105.8	103.9	103.4	101.7	99.5	99.4	100.0	98.4	97.5	92.3	90.3	92.8
1962		100.9	101.6	101.6	100.7	95.7	92.3	89.6	90.8	92.5	91.6	92.1	92.8	1971		93.7	92.1	90.5	91.6	93.9	93.1	93.6	92.8	92.0	93.4	93.7	94.3
1963		93.0	94.3	95.6	98.8	100.8	102.8	100.6	98.4	97.7	97.6	98.5	99.8	1972		94.8	96.5	97.5	98.7	99.5	100.2	100.0	100.6	101.1	102.3	103.8	104.7
1964		100.0	100.8	101.7	102.3	104.0	104.2	105.3	108.4	112.4	110.3	111.7	112.7	1973		106.1	108.7	108.5	108.5	108.6	108.6	109.0	107.7	107.0	108.3	109.1	109.0
1965		112.8	113.2	113.5	117.0	112.7	114.4	115.0	115.4	114.7	111.1	108.3	110.0	1974		107.8	107.4	106.9	102.6	106.2	105.9	106.2	105.4	104.7	103.7	100.6	97.4
1966		111.8	113.4	114.5	115.0	115.7	117.3	116.3	119.6	120.9	120.7	119.4	117.1	1975		92.8	90.3	88.4	89.0	87.3	87.0	84.8	88.2	89.7	89.7	89.9	90.7
1967		117.2	113.6	111.6	108.7	109.1	108.1	107.3	107.5	106.5	107.3	109.4	110.1	1976		91.9	93.2	93.5	92.4	95.4	95.3	95.9	95.7	96.3	94.8	95.7	95.6
1968		109.6	110.6	110.4	112.9	113.0	111.6	111.4	104.9	107.0	106.8	107.4	109.5	1977		94.8	96.7	97.7	98.7	99.3	100.9	100.9	101.6	101.6	102.4	102.6	103.1
1969		111.0	111.9	112.7	112.5	113.1	114.2	114.2	115.9	117.5	118.5	116.4	115.8	1978		101.4	103.1	104.8	107.3	106.4	105.8	106.8	106.5	107.4	107.2	107.9	108.7
1970		113.6	111.6	110.1	107.1	106.2	106.3	106.3	105.8	107.6	101.1	97.6	98.8	1979		108.7	109.4	109.3	104.7	108.4	109.3	109.3	107.5	107.6	107.4	106.1	105.7
1971		101.0	101.8	102.5	103.1	103.8	102.6	98.9	87.8	90.1	92.2	91.6	93.5	1980		104.6	104.7	104.1	102.6	96.8	94.5	92.0	94.4	95.6	95.9	96.4	96.1
1972		94.6	96.0	98.2	99.5	100.4	100.5	100.5	102.6	104.0	105.6	107.7	107.8	1981		96.2	95.3	96.2									
1973		108.7	110.0	109.6	110.3	110.4	111.2	111.9	112.1	113.8	115.2	117.9	115.3	SIC 35—MACHINERY, EXCEPT ELECTRICAL													
1974		114.3	113.0	112.6	112.1	112.4	113.2	113.0	113.3	114.5	114.3	111.6	107.5	1947		76.3	76.6	76.8	78.2	77.4	76.2	75.0	74.6	75.8	76.3	76.5	77.5
1975		104.1	99.9	96.8	93.6	90.9	89.3	88.6	89.6	91.2	90.2	90.6	92.3	1948		77.0	76.3	76.4	74.8	75.3	76.1	75.2	75.1	74.5	74.5	73.6	72.3
1976		92.5	93.0	94.0	96.0	98.1	100.2	102.0	101.8	100.5	96.8	95.8	95.0	1949		70.3	68.3	65.9	62.9	60.7	58.7	58.0	56.7	57.2	55.7	54.0	55.1
1977		94.4	95.3	98.3	100.1	102.1	103.3	102.1	101.3	101.5	101.4	100.2	100.3	1950		56.1	57.8	59.1	61.2	63.5	64.8	67.1	69.5	68.9	72.6	74.9	76.0
1978		100.2	101.3																								

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100													INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100												
SIC 35—MACHINERY, EXCEPT ELECTRICAL													SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT												
1960	74.9	74.6	74.7	73.8	73.9	73.5	72.8	71.6	69.8	69.1	68.4	66.3	1973	104.5	107.4	107.7	107.9	108.6	109.0	109.3	109.4	109.7	110.5	111.6	111.5
1961	67.0	66.6	65.9	66.9	67.0	67.1	67.6	68.0	68.3	69.1	69.4	70.4	1974	110.6	109.8	109.1	105.5	108.4	108.3	108.0	103.6	104.4	103.3	98.8	94.3
1962	70.2	71.2	72.2	73.6	73.7	74.1	74.2	74.5	74.5	74.5	74.1	73.3	1975	91.4	86.5	85.8	85.1	83.7	83.7	84.4	85.7	86.6	87.9	87.5	90.1
1963	74.2	73.7	73.7	73.6	74.1	74.5	74.5	75.3	76.1	76.3	76.6	77.2	1976	90.8	91.5	92.6	91.8	94.2	93.8	93.5	93.9	93.2	94.2	94.9	94.7
1964	77.2	77.4	78.5	79.6	80.0	80.7	81.2	81.6	81.9	81.1	82.9	84.2	1977	93.4	97.1	97.2	98.8	99.7	100.8	100.8	101.8	102.1	102.3	102.7	103.4
1965	84.9	85.1	86.4	85.3	87.6	88.1	89.3	89.0	89.8	91.7	93.2	94.2	1978	101.6	102.7	104.8	105.9	105.5	106.1	108.2	108.4	108.1	108.7	109.2	109.9
1966	95.2	96.7	97.2	97.9	99.3	100.0	99.8	102.0	101.9	102.2	102.2	102.2	1979	110.7	111.7	112.7	109.0	112.7	113.7	113.8	110.7	113.1	112.8	111.9	112.5
1967	102.6	100.7	100.2	100.0	99.0	98.0	98.3	99.3	98.0	94.9	98.0	95.6	1980	112.1	111.3	110.7	110.4	106.5	103.4	101.7	103.6	103.7	104.6	105.3	106.1
1968	95.5	96.2	95.9	93.2	95.7	95.6	95.1	95.4	95.9	96.1	97.2	96.2	1981	106.5	105.3	107.0									
1969	98.0	98.3	98.9	99.7	99.6	100.1	99.2	99.7	100.5	100.2	98.7	100.0	SIC 37—TRANSPORTATION EQUIPMENT												
1970	99.8	98.9	98.8	96.9	94.4	93.3	92.9	90.5	87.9	85.3	83.9	82.9	1947	76.8	78.9	78.6	77.1	73.3	75.2	69.5	67.9	72.4	73.9	77.2	80.2
1971	82.4	81.6	81.0	80.1	80.6	80.2	81.3	81.1	81.4	81.6	82.0	82.3	1948	78.9	73.4	76.9	74.4	68.6	69.7	72.8	71.0	70.9	74.9	76.6	76.2
1972	82.7	84.1	84.3	86.3	87.8	89.2	89.4	90.0	90.6	92.5	93.9	95.5	1949	76.1	75.7	71.7	70.5	65.6	70.4	73.6	71.6	74.1	69.8	62.1	62.7
1973	96.2	98.0	98.9	99.8	101.5	101.7	102.2	102.9	103.8	104.4	104.5	106.6	1950	71.9	63.2	63.4	66.3	77.0	80.9	80.7	85.0	84.6	86.0	84.6	86.4
1974	106.2	105.8	106.8	102.0	106.4	107.3	105.6	106.7	106.8	107.4	105.2	103.0	1951	85.6	92.0	93.3	91.6	91.6	91.6	89.8	91.6	93.7	92.6	95.2	95.2
1975	100.6	98.0	95.7	95.5	91.9	90.3	88.8	89.7	90.4	90.3	89.8	90.0	1952	96.0	97.6	98.6	99.1	102.4	103.7	91.7	96.0	111.4	116.1	117.5	118.9
1976	91.2	91.5	91.8	91.0	93.6	93.7	94.5	95.0	95.2	93.8	95.4	94.9	1953	119.6	122.8	124.6	124.3	123.1	123.7	124.4	124.2	119.4	118.8	110.9	111.0
1977	94.7	96.3	96.9	97.5	99.0	99.7	100.7	101.8	102.6	103.1	103.3	104.2	1954	110.9	106.9	104.4	103.6	102.3	100.1	98.4	96.6	91.3	95.9	101.5	103.2
1978	102.4	104.5	106.2	107.8	107.1	108.9	109.2	109.4	110.4	112.0	112.6	114.4	1955	106.1	109.4	111.4	112.1	114.1	108.8	112.8	109.8	107.4	108.3	113.6	110.6
1979	114.3	116.1	116.1	112.4	116.5	117.3	118.0	116.9	117.8	115.1	113.8	113.3	1956	108.3	104.2	102.9	102.8	98.8	98.6	101.2	101.8	98.9	108.3	108.9	112.6
1980	116.6	115.9	114.8	114.6	113.1	110.0	108.1	108.3	109.0	109.1	109.8	109.3	1957	110.7	112.6	110.7	108.9	106.7	107.5	105.1	108.6	96.7	99.1	97.3	94.3
1981	109.8	108.7	109.1										1958	89.9	86.2	84.0	81.1	80.1	81.2	80.9	82.5	81.7	73.7	86.4	88.1
													1959	89.8	89.1	91.1	93.0	92.5	93.2	92.8	91.3	89.4	89.6	71.3	82.0
SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT													1960	92.9	91.5	89.4	86.3	87.0	83.4	84.2	82.3	82.7	84.4	79.5	77.0
1947	66.3	65.5	66.4	64.3	62.9	63.4	63.1	61.7	62.8	63.4	64.3	63.7	1961	75.0	72.8	73.5	75.2	77.3	78.2	77.9	77.9	71.9	75.0	82.9	82.5
1948	63.3	62.5	61.7	60.7	59.5	59.3	59.5	59.2	58.7	58.0	58.7	56.7	1962	81.2	82.1	83.0	84.0	84.5	85.0	86.2	85.7	85.7	86.5	86.3	87.1
1949	55.1	53.6	51.5	49.7	48.3	46.5	46.3	46.2	48.0	49.4	48.2	49.6	1963	88.4	87.6	87.7	87.9	88.6	89.2	89.4	87.4	87.8	89.5	88.9	89.3
1950	51.6	53.3	54.5	57.6	60.6	60.5	63.4	66.1	66.7	70.0	70.0	69.7	1964	88.8	89.5	89.3	91.0	89.4	89.8	89.5	91.0	92.1	71.9	89.3	94.0
1951	69.7	70.2	71.3	71.8	71.7	71.5	70.0	69.7	69.8	68.7	69.8	70.6	1965	96.1	96.5	98.1	97.1	98.6	99.2	99.5	99.9	99.3	101.5	103.3	104.0
1952	72.3	72.2	72.3	71.4	71.9	72.8	72.0	73.8	77.0	78.3	79.8	82.7	1966	105.5	108.2	108.3	110.0	107.3	108.0	109.0	110.3	108.1	110.9	110.4	109.1
1953	84.7	86.0	87.6	88.3	87.5	87.3	86.8	85.8	83.3	80.7	78.3	75.6	1967	108.0	106.0	104.9	105.2	107.6	106.7	105.1	106.6	104.5	102.2	104.2	110.6
1954	73.5	73.4	71.5	70.2	69.4	68.5	68.8	68.7	68.6	69.0	70.1	69.7	1968	111.5	112.0	113.0	110.6	114.6	113.4	112.9	112.2	112.0	114.7	114.0	111.5
1955	70.5	71.6	72.0	73.4	74.6	75.3	74.3	75.1	74.4	78.3	76.9	77.5	1969	112.2	111.6	111.5	111.3	108.2	110.3	113.0	111.5	112.9	109.8	105.5	105.2
1956	77.0	76.7	76.4	80.9	79.9	79.1	78.8	78.9	78.4	79.4	78.9	79.1	1970	101.6	94.9	99.4	96.9	95.8	96.8	94.5	93.1	89.5	70.4	69.4	88.4
1957	78.4	78.8	78.0	77.4	76.1	77.1	77.0	76.8	75.8	72.9	71.9	70.8	1971	92.9	92.2	91.2	88.2	91.0	90.8	86.9	88.9	84.6	88.6	89.2	90.4
1958	69.1	67.3	66.4	65.0	63.9	64.4	65.4	66.0	67.8	65.2	70.8	71.2	1972	91.0	93.2	94.0	96.2	94.7	93.3	90.4	90.5	92.5	95.6	98.3	100.5
1959	72.9	73.5	74.1	75.5	76.7	78.1	78.7	78.9	79.2	80.0	77.6	80.4	1973	102.6	105.8	103.5	105.3	103.1	103.2	103.6	100.9	101.9	101.6	101.3	100.0
1960	81.5	81.1	81.0	79.2	79.1	78.5	78.0	77.9	76.8	74.2	75.2	71.9	1974	95.1	92.3	90.7	89.0	94.5	94.1	96.7	96.8	96.1	98.9	94.0	87.9
1961	74.7	74.9	74.8	75.9	76.3	76.6	76.6	77.9	75.9	78.6	80.2	80.9	1975	84.8	80.3	81.5	83.6	83.0	83.9	84.8	85.0	85.8	85.7	86.4	90.5
1962	80.9	82.1	83.2	84.4	84.4	84.6	84.6	83.5	83.9	83.0	82.7	82.1	1976	92.4	93.6	94.9	92.7	95.6	95.7	93.2	92.4	90.6	90.0	95.9	94.4
1963	82.4	81.9	81.5	81.1	81.8	82.2	81.9	81.1	81.4	81.4	80.2	80.3	1977	96.2	95.4	97.9	100.6	99.9	101.8	101.7	101.6	103.5	101.4	100.5	101.6
1964	79.9	80.2	80.5	81.3	80.5	80.4	82.3	82.5	82.9	83.6	84.3	85.5	1978	100.1	99.0	102.7	106.6	104.7	105.3	106.5	106.5	109.6	110.0	112.1	112.0
1965	86.1	87.0	88.6	88.4	90.2	90.8	91.0	91.4	92.1	94.3	95.9	98.5	1979	112.3	113.3	112.7	103.4	110.6	108.8	108.3	107.1	103.9	103.4	9	

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977=100													INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977=100													
SIC 38—INSTRUMENTS AND RELATED PRODUCTS													SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													
1947	64.9	65.3	66.2	65.5	65.4	65.1	62.4	61.9	61.2	61.4	61.7		1960	96.6	96.7	98.4	96.4	97.9	98.2	96.2	96.4	94.0	93.8	91.4	87.9	
1948	62.2	62.4	62.6	61.7	60.8	61.3	61.2	61.3	60.8	59.3	58.5	58.0	1961	90.6	90.5	89.5	90.5	91.4	93.3	92.4	92.3	92.7	94.1	96.0	95.9	
1949	56.9	55.4	54.8	54.0	53.5	52.3	52.3	50.6	50.6	50.7	51.1	51.0	1962	94.4	93.8	95.8	97.8	97.6	97.4	97.5	96.3	96.7	95.2	94.1	93.8	
1950	51.0	51.9	52.0	53.5	54.8	56.4	58.5	60.4	63.9	64.9	65.9	66.4	1963	94.6	94.0	94.3	93.2	94.6	94.0	95.4	95.8	96.3	95.1	94.3	94.6	
1951	66.3	68.3	69.3	71.4	71.7	72.2	73.0	73.0	72.1	72.2	73.4	73.4	1964	93.0	95.6	95.8	96.0	95.3	96.8	97.5	96.9	96.4	98.5	98.8	100.5	
1952	74.9	75.0	75.5	76.3	76.3	76.5	75.8	78.1	79.4	79.9	81.0	82.8	1965	100.5	100.6	101.7	101.0	101.2	100.9	102.3	103.8	103.9	105.7	106.6	109.0	
1953	83.1	83.5	85.3	85.2	86.3	87.1	86.4	84.9	83.8	83.1	82.2	81.2	1966	104.7	105.9	106.8	107.5	108.1	108.1	106.1	107.2	106.1	106.3	107.0	106.1	
1954	78.4	77.8	75.8	73.8	72.0	70.8	70.8	69.6	70.1	69.8	69.7	70.1	1967	106.3	102.2	102.9	103.8	103.5	102.8	102.3	102.0	102.5	101.7	102.2	101.1	
1955	70.7	71.6	72.1	72.3	70.8	73.7	73.9	73.4	73.5	74.1	73.7	73.8	1968	101.2	103.4	102.8	99.1	103.1	103.4	103.6	103.5	104.3	104.4	104.7	104.2	
1956	73.7	74.3	73.9	75.6	75.3	74.4	75.0	75.5	74.8	75.0	74.5	74.4	1969	103.9	99.0	104.2	104.5	103.9	104.5	104.2	103.3	103.0	103.6	102.5	105.7	
1957	74.3	74.9	74.5	74.5	73.0	72.9	72.7	72.6	71.8	70.1	69.9	68.8	1970	103.6	101.9	101.8	100.1	98.7	98.1	97.7	96.9	95.6	94.9	94.3	95.0	
1958	68.1	66.3	65.2	64.8	63.5	63.2	63.2	64.5	65.0	66.4	67.1	67.1	1971	94.4	92.2	93.3	93.7	94.7	95.8	96.1	96.2	96.6	96.4	97.2		
1959	67.8	69.1	69.9	70.3	71.6	73.1	73.2	72.9	73.6	74.0	73.3	74.0	1972	99.6	101.9	102.0	102.5	102.2	103.2	101.8	103.7	103.7	105.0	107.1	106.3	
1960	73.7	74.1	74.9	73.3	73.8	72.9	72.6	72.1	70.2	69.9	69.6	66.5	1973	106.0	108.1	108.4	107.8	107.2	106.6	106.9	106.1	106.3	106.4	107.8	107.9	
1961	68.8	67.9	68.0	67.9	69.0	69.3	69.6	70.3	70.6	71.0	71.7	71.4	1974	107.7	108.1	109.3	105.1	108.7	108.7	109.0	107.5	104.6	103.2	99.2	95.9	
1962	71.3	71.5	71.7	72.7	72.4	72.1	72.4	72.8	71.8	71.7	72.0	71.8	1975	93.4	90.2	87.8	88.8	88.6	89.3	91.8	92.5	95.0	95.2	95.3	96.9	
1963	71.5	72.0	71.7	71.6	71.9	72.0	72.4	71.9	71.9	71.8	71.4	71.5	1976	98.1	98.2	98.3	96.5	99.7	98.9	99.4	98.1	98.5	98.1	98.3	98.9	
1964	69.5	71.0	70.4	70.9	70.7	71.3	71.8	72.0	72.1	71.6	73.0	73.0	1977	96.9	101.7	100.6	100.9	100.7	100.3	99.0	99.3	99.5	100.0	100.4	101.1	
1965	73.4	73.7	74.6	73.7	75.0	76.6	77.8	77.8	79.1	79.8	80.6	81.1	1978	99.0	100.6	102.8	104.2	103.9	103.9	103.3	103.3	103.9	104.0	104.6	102.5	
1966	83.4	84.8	85.6	86.3	87.8	88.2	88.1	88.1	88.5	89.4	88.7	89.2	1979	102.8	102.2	101.8	98.2	100.5	101.6	102.7	102.2	101.6	101.3	100.7	100.7	
1967	89.8	87.6	88.4	88.4	87.5	87.2	87.2	87.7	87.2	87.0	87.8	88.1	1980	100.6	99.1	98.1	97.8	94.3	90.6	91.4	90.7	90.9	89.5	90.1	90.8	
1968	87.0	87.6	86.7	84.1	85.7	85.9	85.1	86.7	87.0	87.5	88.1	88.4	1981	91.2	90.7	90.6										
1969	88.8	87.6	90.1	90.6	90.6	90.6	90.6	90.6	90.3	89.6	88.8	89.0	SIC 20-23,26-31—NONDURABLE GOODS													
1970	88.0	87.6	88.2	87.4	85.6	84.0	83.6	81.8	80.2	79.5	78.2	77.4	1947	105.4	104.7	104.1	104.3	103.4	102.5	103.0	102.6	104.6	105.0	105.6	106.6	
1971	78.0	76.1	75.7	75.2	76.1	76.0	76.7	76.4	77.2	77.8	78.0	78.4	1948	105.8	104.8	104.9	103.6	103.6	105.5	104.4	102.8	103.7	101.2	100.9	99.3	
1972	78.5	79.3	79.5	81.3	82.2	83.6	84.2	84.6	85.1	86.1	87.2	87.3	1949	97.1	97.0	96.0	94.7	94.2	94.4	94.2	95.3	97.0	98.2	96.6	96.3	
1973	88.8	90.3	91.1	90.0	92.5	92.3	93.3	94.4	95.3	96.1	96.9	97.8	1950	97.0	97.2	97.5	97.8	98.3	99.3	101.1	104.1	103.4	104.2	104.0	103.6	
1974	98.3	99.1	99.7	97.8	99.2	99.8	98.3	99.8	99.0	97.5	95.6	93.3	1951	105.0	105.0	104.3	105.3	102.8	102.3	101.7	98.9	98.3	96.9	97.3	98.8	
1975	91.1	87.6	85.6	85.0	83.7	83.2	83.8	84.1	85.3	86.2	87.3	88.1	1952	99.2	99.0	98.8	98.3	98.4	99.4	99.8	100.7	102.1	102.7	103.1	103.4	
1976	89.3	89.6	90.6	90.7	93.9	93.7	94.7	94.3	94.1	94.8	95.3	96.6	1953	103.0	102.9	103.9	104.5	104.0	103.5	103.2	101.7	99.2	99.2	98.2	97.0	
1977	95.9	99.4	99.0	99.2	99.8	100.2	100.0	100.3	101.3	101.8	101.4	102.1	1954	95.8	96.1	96.2	95.3	95.2	95.2	94.9	95.1	95.2	95.2	96.4	96.5	
1978	101.4	102.7	105.0	106.3	105.9	107.2	108.3	109.3	109.9	109.9	110.7	111.2	1955	97.1	97.7	98.9	99.0	100.0	100.3	99.4	99.7	99.6	101.0	101.7	101.6	
1979	111.2	112.8	113.4	110.9	112.3	112.8	113.6	113.1	113.3	113.3	113.1	113.3	1956	101.6	101.3	100.6	100.5	99.5	98.7	97.8	98.4	98.5	99.2	98.3	98.5	
1980	114.5	113.6	114.1	113.6	112.5	111.5	110.9	111.4	110.9	111.4	111.7	112.0	1957	98.1	97.9	97.8	97.5	96.6	96.4	96.7	95.9	96.3	94.7	93.8	93.6	
1981	112.3	111.2	111.5										1958	93.0	91.6	90.0	89.2	89.6	90.4	91.0	91.9	92.5	92.7	93.5	93.7	
													1959	95.0	95.4	96.0	96.4	96.6	96.8	96.9	97.2	96.9	95.8	96.5	96.6	
SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													1960	97.0	96.4	95.8	95.7	96.6	96.1	95.8	95.0	93.7	93.6	92.6	89.6	
1947	121.2	118.2	119.1	118.2	116.0	113.3	111.8	108.0	109.9	110.8	112.7	117.5	1961	91.7	91.8	92.3	92.7	92.6	93.7	93.9	94.3	93.4	94.8	95.7	95.2	
1948	116.6	116.5	117.2	115.9	116.6	116.3	114.2	115.1	111.5	110.2	109.6	107.3	1962	94.7	95.3	95.9	97.3	96.5	96.8	96.5	95.9	96.4	95.2	95.3	94.9	
1949	106.0	104.5	100.3	96.1	96.1	97.1	94.1	96.5	100.6	102.4	102.5	100.3	1963	95.1	94.7	95.3	94.8	95.7	95.3	95.5	95.6	95.7	96.1	94.9	95.4	
1950	98.0	98.2	99.0	101.3	103.3	105.8	106.4	115.1	116.0	117.0	116.1	115.1	1964	94.1	95.9	95.6	96.2	96.3	96.1	96.2	96.7	96.1	97.2	97.4	98.1	
1951	117.5	118.7	119.4	118.4	114.4	111.6	108.5	102.3	98.0	95.4	96.3	99.6	1965	98.7	98.8	99.5	98.3	99.1	99.2	100.0	99.8	99.9	100.6	101.6	101.8	
1952	102.3	101.2	101.8	100.7	101.4	101.9	101.5	103.8	106.1	107.3	110.1	111.3	1966	102.0	103.3	103.4	103.6	103.9	104.5	104.2	104.5	103.5	104.2	104.4		

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977=100												
SIC 20-23,26-31—NONDURABLE GOODS												
1973	103.6	105.8	106.2	106.2	105.5	105.3	104.8	104.8	104.9	105.3	106.1	106.0
1974	105.7	105.3	104.5	101.9	103.9	103.1	102.8	102.5	101.2	99.7	97.1	93.7
1975	91.3	88.8	88.0	89.1	90.1	91.0	92.1	94.2	95.6	96.6	97.1	98.4
1976	99.7	99.5	99.3	98.1	98.3	97.5	97.9	96.8	97.9	97.7	97.7	97.9
1977	97.2	99.5	99.5	100.3	100.4	100.9	100.2	100.1	100.3	100.5	100.7	100.8
1978	99.0	100.2	101.8	102.7	102.0	102.2	102.0	101.9	102.0	101.7	102.5	102.6
1979	102.5	102.0	102.5	100.4	102.3	102.3	102.5	101.8	101.7	101.9	101.6	101.3
1980	101.4	100.1	99.3	99.3	98.1	96.6	95.6	97.4	97.7	98.0	98.0	98.4
1981	98.9	98.3	98.1									
SIC 20—FOOD AND KINDRED PRODUCTS												
1947	130.1	127.7	127.2	127.7	127.5	128.1	129.9	132.1	134.8	130.9	130.4	130.7
1948	127.6	127.2	126.3	119.8	120.4	129.2	128.7	119.9	132.1	126.6	124.3	122.5
1949	120.9	121.1	120.8	120.9	121.6	121.9	121.2	122.8	119.9	121.8	119.8	118.0
1950	118.8	117.8	118.9	118.8	119.3	119.8	121.6	121.3	120.2	119.8	121.5	122.3
1951	123.8	122.4	122.6	122.9	121.2	120.9	121.2	120.2	121.9	121.2	119.0	119.9
1952	119.4	121.1	120.2	120.1	119.1	121.3	120.5	117.9	120.8	120.3	119.8	120.0
1953	119.4	119.7	119.6	118.6	119.1	118.2	119.5	119.0	119.5	118.9	118.8	116.3
1954	116.6	116.6	116.3	116.3	116.3	115.6	114.9	114.9	114.1	113.7	114.9	114.8
1955	114.6	114.1	115.1	116.3	116.9	116.1	115.6	115.1	112.3	116.1	117.2	116.5
1956	116.4	116.0	116.6	115.5	115.3	115.5	112.9	115.6	117.6	117.1	115.7	114.4
1957	112.7	112.8	112.4	112.1	111.2	111.5	112.8	110.6	108.3	108.6	109.7	107.3
1958	108.8	108.3	106.9	106.5	106.8	107.5	107.0	107.8	106.3	106.4	107.7	107.3
1959	108.3	108.7	108.8	108.9	108.5	108.7	106.4	109.3	106.6	104.9	107.1	107.3
1960	108.2	107.0	106.8	107.7	107.3	106.2	106.9	106.0	106.5	107.0	105.1	103.8
1961	105.1	105.1	105.8	104.7	104.6	105.2	104.7	104.1	105.1	105.2	103.5	103.5
1962	103.0	103.1	103.3	105.4	104.7	104.7	105.9	103.6	104.5	102.7	103.2	103.3
1963	103.2	102.6	103.8	102.0	102.8	102.8	102.5	103.2	103.2	103.9	102.2	102.5
1964	102.0	102.8	101.6	103.0	102.6	101.4	101.0	101.8	101.7	102.3	102.9	103.6
1965	103.5	102.6	102.5	101.1	102.1	101.6	102.9	102.0	101.1	103.1	104.9	103.6
1966	103.8	105.4	104.6	104.7	103.4	104.1	105.4	105.0	103.8	103.8	105.4	105.3
1967	105.4	104.8	105.0	104.5	104.9	105.4	104.6	100.7	105.4	104.5	104.8	104.6

See footnotes at end of tables.

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Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100													
SIC 22—TEXTILE MILL PRODUCTS														SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													
1960		108.9	107.4	105.6	106.4	106.7	105.7	104.8	102.9	99.1	98.2	97.5	94.7	1973		108.1	113.4	114.4	114.2	113.1	112.9	109.4	111.4	111.0	110.9	110.9	110.4
1961		95.9	96.2	96.7	98.3	99.3	100.5	100.9	101.7	102.7	103.1	104.5	104.1	1974		108.2	108.6	106.5	102.9	106.1	102.8	104.3	103.6	102.1	100.8	97.1	91.8
1962		104.0	104.0	104.3	105.4	104.3	104.1	103.3	102.4	102.4	101.4	100.9	100.7	1975		89.2	86.5	85.2	87.9	89.2	91.4	93.3	95.4	98.1	100.1	101.0	103.5
1963		100.6	100.2	100.5	100.3	100.8	100.5	100.8	100.2	100.5	101.4	101.0	101.1	1976		105.6	104.5	104.8	102.1	103.5	102.3	101.7	99.5	98.2	98.0	98.2	98.0
1964		99.9	102.0	101.5	102.3	102.4	102.0	102.5	102.9	100.2	103.9	104.5	105.3	1977		95.9	100.2	99.8	99.1	100.0	101.0	100.0	100.1	100.0	101.0	101.4	101.8
1965		105.9	106.4	106.9	106.9	106.9	106.9	107.8	108.5	108.3	109.3	110.4	110.8	1978		96.6	100.3	102.0	103.6	102.3	102.0	101.8	101.8	102.4	100.8	101.8	101.0
1966		112.0	112.7	113.6	112.7	113.6	114.1	113.1	113.7	112.7	111.4	110.7	109.8	1979		101.5	99.5	99.2	96.2	98.5	98.4	99.3	97.3	96.4	97.1	96.1	96.4
1967		110.0	107.0	106.6	107.5	107.0	107.0	107.0	108.7	109.7	110.9	111.1	111.6	1980		98.7	97.8	96.8	96.3	94.7	94.6	93.9	94.5	94.4	94.6	93.9	94.4
1968		107.7	113.7	112.9	110.9	113.5	114.0	114.7	114.5	114.9	114.7	114.4	114.4	1981		95.4	94.0	94.3									
1969		113.2	111.9	113.7	113.0	113.2	113.6	114.0	112.7	112.4	112.1	112.4	112.4														
1970		111.4	110.0	109.0	109.0	107.4	106.2	107.1	105.6	103.3	104.1	103.8	103.8	1947		79.7	79.9	79.9	80.5	80.1	78.9	78.2	76.6	77.5	78.2	78.2	78.8
1971		106.1	105.0	104.4	105.0	106.8	105.9	106.0	106.1	106.2	107.7	108.5	108.8	1948		78.6	79.0	78.8	78.6	78.8	78.8	78.8	79.2	78.8	79.0	78.3	77.1
1972		110.4	110.3	111.8	112.2	111.4	111.7	111.0	111.6	111.7	113.0	114.5	114.7	1949		75.5	73.8	72.5	70.9	70.3	69.6	70.6	71.2	74.4	76.5	76.0	74.8
1973		110.4	115.1	115.6	116.6	114.0	113.6	112.9	112.5	112.3	112.1	112.9	112.9	1950		74.8	76.1	76.9	78.2	78.6	80.5	81.7	83.4	84.4	84.8	85.6	86.2
1974		112.5	111.1	110.0	106.0	108.3	108.0	107.4	104.9	102.8	97.9	93.7	87.4	1951		86.8	86.4	86.8	88.7	87.9	86.2	85.6	83.0	81.9	80.9	80.0	85.0
1975		83.1	80.6	81.9	85.7	89.3	90.7	93.2	96.6	99.6	101.8	102.2	103.2	1952		80.9	81.1	80.5	78.5	79.4	80.5	79.8	81.3	81.5	83.6	83.8	80.0
1976		105.0	104.2	103.2	99.6	102.3	101.1	101.1	98.6	97.3	97.3	96.9	98.4	1953		84.8	85.2	86.2	86.5	86.5	86.3	87.1	86.9	85.5	85.7	85.1	83.8
1977		97.9	99.5	100.3	100.5	100.4	100.3	100.7	100.0	99.8	100.4	100.5	99.8	1954		83.8	84.2	84.2	83.4	84.2	84.2	84.2	83.8	83.8	84.2	84.4	83.6
1978		98.2	99.3	99.7	100.0	99.4	99.0	99.3	99.4	98.6	98.4	98.4	98.3	1955		84.6	85.6	85.9	86.5	87.7	87.7	88.7	88.8	89.3	89.6	90.2	90.1
1979		98.0	97.1	97.4	93.9	97.0	97.6	97.9	97.2	97.6	97.7	98.0	98.0	1956		90.1	89.4	89.8	90.4	89.7	89.6	90.2	89.1	89.0	88.8	88.4	89.6
1980		98.4	97.4	97.0	95.6	93.1	89.3	87.7	90.5	91.1	91.3	91.3	91.6	1957		89.8	89.8	89.3	89.3	88.4	88.1	87.4	87.2	88.0	87.6	86.9	86.9
1981		91.2	90.9	90.7										1958		86.1	85.2	84.8	84.0	83.3	83.7	84.1	86.2	87.0	87.2	87.4	87.2
														1959		89.0	89.4	90.0	90.6	91.2	91.1	91.5	91.3	91.9	91.3	91.7	91.3
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS																											
1947		94.8	93.7	92.9	91.7	90.9	91.9	92.1	91.4	93.1	96.2	96.9	99.2	1960		92.1	92.0	91.8	92.0	92.6	91.8	91.4	91.2	90.5	90.6	89.8	86.7
1948		98.6	95.7	96.1	95.9	96.3	96.9	95.2	96.6	96.5	90.9	95.7	92.4	1961		89.0	89.6	89.6	91.3	90.6	91.4	91.9	92.1	91.7	92.5	93.7	93.2
1949		89.8	91.9	92.3	91.1	91.1	91.1	90.2	92.7	98.6	97.0	92.7	93.5	1962		92.0	92.4	93.4	93.8	93.4	93.4	93.4	93.4	93.6	92.7	92.8	93.2
1950		93.9	94.7	93.7	93.9	94.3	94.3	96.8	102.7	97.4	100.9	98.8	97.4	1963		93.6	93.2	94.0	93.0	93.2	93.2	93.6	94.0	93.9	93.9	93.2	93.4
1951		100.7	101.9	100.5	101.9	95.6	95.7	95.6	93.4	91.7	87.3	91.4	94.5	1964		93.0	93.9	93.4	94.2	94.2	94.2	94.2	94.7	94.6	95.0	93.9	94.8
1952		94.9	94.4	95.0	94.8	97.0	96.8	98.0	99.1	101.1	100.9	103.2	102.4	1965		95.7	95.6	96.1	94.7	95.8	96.0	96.6	96.2	96.7	98.1	98.5	99.3
1953		102.2	101.4	103.2	106.1	103.7	104.0	101.8	99.9	93.8	97.0	95.5	95.0	1966		99.6	100.3	100.7	101.3	101.7	101.8	102.2	102.0	101.2	101.5	102.3	101.6
1954		92.1	93.4	95.0	91.8	90.6	90.4	91.3	92.5	92.6	91.6	93.8	94.4	1967		101.9	101.1	101.3	100.5	100.1	101.5	101.7	101.7	101.5	101.5	101.5	102.2
1955		95.4	95.8	97.6	96.7	98.3	99.8	96.0	97.4	99.0	100.5	101.7	101.4	1968		101.0	102.2	101.4	100.2	103.4	103.6	104.2	104.6	105.3	105.0	105.3	106.0
1956		100.9	101.5	98.7	99.5	97.2	96.2	95.7	95.8	95.0	96.7	96.0	96.2	1969		106.1	105.2	107.2	106.0	106.7	106.7	106.7	106.5	106.8	106.4	106.1	106.7
1957		95.8	95.6	96.7	98.2	96.1	95.8	95.6	95.5	97.0	93.9	92.6	91.3	1970		106.4	105.5	105.3	104.6	103.6	102.2	101.7	101.0	100.7	99.3	100.0	99.2
1958		92.6	90.1	85.9	87.3	89.0	89.4	91.0	91.7	92.3	93.3	93.2	94.4	1971		99.3	99.0	98.6	99.4	97.6	98.2	97.7	98.4	99.4	99.3	99.4	100.0
1959		95.9	96.9	96.3	98.6	99.7	99.1	99.9	99.5	99.8	97.7	100.2	100.1	1972		99.8	101.0	101.1	102.4	102.7	103.4	102.9	103.2	102.9	103.1	104.0	103.9
1960		100.1	99.3	98.2	96.5	100.1	99.3	98.8	98.1	96.1	95.3	94.2	87.6	1973		103.0	104.8	105.4	104.5	104.8	103.9	104.4	104.3	104.9	105.2	105.8	106.5
1961		91.8	92.5	94.2	94.1	92.6	94.4	95.8	97.3	92.3	97.4	99.0	99.0	1974		107.2	106.7	106.5	104.2	105.9	105.6	105.1	104.2	102.7	100.5	97.9	95.1
1962		96.5	99.1	101.0	104.1	101.9	103.0	101.8	101.7	102.6	101.1	101.2	100.7	1975		92.1	88.8	86.6	85.9	86.4	87.3	88.2	90.7	91.2	93.0	93.7	95.6
1963		100.9	101.1	102.0	101.2	103.8	102.0	103.8	103.0	103.4	103.8	100.5	101.8	1976		96.3	97.1	97.3	96.0	98.0	97.7	97.8	97.4	97.5	97.3	97.7	97.6
1964		97.9	103.7	102.6	103.2	102.8	103.7	104.5	104.7	101.7	104.9	106.2	106.5	1977		97.0	98.8	99.0	101.0	100.9	101.3	100.4	100.6	101.0	100.7	100.0	100.8
1965		108.2	107.9	109.4	106.9	108.5	109.3	109.7	109.0	109.4	110.0	110.5	111.2	1978		99.2	99.4	101.9	102.3	102.6	103.0	103.2	101.0	101.0	101.0	101.4	101.1
1966		109.1	112.5	112.8	112.7	114.2	114.5	112.9	113.7	111.1	114.7	113.7	113.8	1979		101.1	101.6	102.3	100.7	102.8	103.2	104.2	104.0	103.6	103.6	103.2	102.8
1967		114.3	111.7	109.8	110.9	110.7	109.6	110.2	110.3	110.4	109.9	111.3	111.2	1980		103.0	102.8	101.9	101.4	98.6	97.2	95.9	97.6	98.4	98.8	99.4	100.4
1968		106.5	112.7	111.8	108.2	112.1	113.0	111.7	111.5	112.8	113.1	110.9	111.2	1981		99.9	99.2	99.1									
1969		112.0	109.2	111.9	111.5	111.8	112.3	110.9	110.6	109.4	109.6	108.7	110.1														
1970		109.2	109.0	107.9	106.5	104.3	105.4	106.3	104.1	100.5	101.9	102.9	103.4														
1971		103.5	102.2	103.6	103.3	105.0	103.8	103.9	104.5	103.4	105.3	106.7	105.6														
1972		106.3	107.4	106.6	108.1	106.7	106.9	105.7	108.8	109.8	111.0	112.1	111.0						</								

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100													
SIC 27—PRINTING AND PUBLISHING														SIC 28—CHEMICALS AND ALLIED PRODUCTS													
1947		80.6	80.0	80.3	80.4	80.2	80.3	80.4	79.6	80.7	80.7	80.7	80.3	1960		82.3	82.4	82.0	84.1	83.0	83.2	82.8	82.1	81.0	80.7	80.6	79.1
1948		81.0	80.1	79.9	79.6	79.8	79.5	79.3	79.6	79.2	79.5	79.6	79.2	1961		80.1	79.8	80.3	80.1	80.4	81.5	81.5	82.0	81.1	82.6	83.1	82.8
1949		78.3	78.6	78.0	77.6	78.2	78.2	77.6	77.0	77.9	77.5	76.6	77.0	1962		83.5	83.6	83.5	84.1	84.3	84.0	84.1	83.9	84.1	84.3	84.1	83.9
1950		77.2	77.3	77.6	78.2	78.4	78.7	78.9	79.8	79.6	80.0	80.4	80.6	1963		84.3	84.1	84.4	85.9	84.9	84.9	84.9	84.9	85.1	85.4	84.9	85.1
1951		80.7	80.3	80.7	80.8	80.4	80.8	80.6	80.5	80.9	80.0	80.3	80.5	1964		84.5	84.9	85.4	84.7	85.4	85.5	85.4	85.5	87.3	85.6	86.2	86.6
1952		80.6	80.2	80.6	80.0	80.9	81.3	81.5	81.6	81.9	82.8	82.9	82.6	1965		87.3	87.6	88.3	88.7	88.7	88.7	89.2	89.4	90.3	89.5	90.2	90.3
1953		82.9	83.1	83.2	83.5	83.8	83.5	83.4	83.5	83.7	84.4	83.4	83.6	1966		90.8	91.5	91.8	92.3	93.1	94.8	94.6	95.2	95.3	95.9	95.9	95.4
1954		83.2	83.0	83.0	82.5	82.5	83.1	83.1	83.1	83.0	82.7	83.0	83.1	1967		95.5	94.8	94.8	95.8	94.8	94.9	95.5	95.5	95.5	96.7	97.1	97.6
1955		83.4	84.2	84.7	85.0	85.5	86.8	86.6	86.2	87.1	87.4	88.2	88.3	1968		97.6	98.4	97.9	97.7	98.3	98.7	99.0	99.7	100.1	100.2	100.8	101.2
1956		88.2	88.6	89.0	89.7	89.2	89.4	89.2	89.6	89.1	90.5	89.7	90.0	1969		101.0	101.4	101.8	101.4	101.7	101.4	101.6	101.7	100.5	100.1	100.3	100.1
1957		89.9	89.9	89.9	89.9	89.9	89.4	89.4	89.1	88.8	89.1	88.8	88.1	1970		100.4	100.0	99.8	98.1	98.1	96.5	97.5	96.9	97.9	95.9	95.1	95.0
1958		88.6	88.1	87.9	87.8	87.2	87.1	87.3	87.9	87.9	88.1	88.2	88.3	1971		95.2	95.2	94.7	95.7	95.7	95.1	94.6	94.1	95.7	94.7	94.7	95.0
1959		89.5	89.5	89.8	90.1	90.7	90.4	91.0	90.9	91.8	91.6	91.6	92.6	1972		95.5	95.5	95.4	95.5	96.1	96.4	95.6	95.6	96.1	96.7	97.1	97.5
1960		92.6	92.4	92.6	92.3	93.6	93.2	93.6	93.3	92.9	93.7	93.8	90.8	1973		97.2	97.9	98.4	98.6	98.5	99.0	100.0	99.5	99.7	100.2	101.0	101.1
1961		93.0	92.6	92.6	92.7	92.1	92.9	93.1	92.8	92.8	93.2	93.5	93.3	1974		101.3	101.0	101.0	100.6	100.6	101.5	101.6	101.9	101.6	101.4	99.5	96.3
1962		93.3	93.3	93.8	94.2	93.7	93.7	93.3	93.6	94.0	93.4	93.9	91.0	1975		94.1	92.6	91.0	90.1	90.9	91.0	91.1	91.9	92.8	93.8	94.3	95.1
1963		91.5	91.0	91.3	92.6	93.4	93.2	93.0	93.2	93.3	93.5	92.9	94.3	1976		95.9	96.8	97.2	97.4	96.9	96.0	97.1	97.0	98.2	97.4	97.7	98.1
1964		93.8	93.6	94.0	95.1	94.9	94.7	94.7	95.1	95.7	96.0	95.8	96.6	1977		98.0	99.1	99.6	100.3	100.5	101.0	100.7	100.5	100.5	100.2	100.0	100.6
1965		96.9	97.1	97.5	97.3	97.3	97.4	98.2	98.4	98.8	99.0	99.7	100.4	1978		100.2	100.8	101.8	102.1	102.5	102.7	102.6	102.9	102.9	102.7	103.1	102.9
1966		100.7	101.3	101.3	102.2	102.3	103.2	103.7	103.6	103.8	104.5	104.2	104.1	1979		102.7	102.6	102.4	102.4	102.7	103.4	103.7	103.6	103.2	103.2	103.6	103.2
1967		105.4	104.2	104.8	104.8	104.6	104.3	104.2	104.2	103.7	102.9	103.6	103.0	1980		103.6	102.8	102.4	102.5	101.4	100.2	98.2	98.7	99.8	99.9	100.5	100.6
1968		103.2	103.9	103.7	102.8	104.5	104.5	104.7	105.8	105.3	106.3	106.0	106.3	1981		100.8	101.1	101.0									
1969		106.5	105.4	106.5	106.5	106.3	107.1	107.4	107.7	107.6	108.5	108.3	108.8	SIC 29—PETROLEUM AND COAL PRODUCTS													
1970		108.0	108.0	107.2	106.8	105.3	105.1	105.3	104.1	103.7	102.9	102.6	102.8	1947		116.9	120.7	120.7	120.7	121.2	123.8	124.2	126.1	124.3	120.6	128.1	127.9
1971		102.7	102.0	101.5	101.2	101.9	101.8	101.2	100.5	100.5	101.2	101.1	101.1	1948		126.1	128.5	130.3	127.4	130.4	129.9	129.1	131.2	120.2	121.0	126.3	124.9
1972		101.4	101.4	102.1	103.8	102.5	103.2	103.1	102.6	103.7	103.6	103.9	102.9	1949		125.0	122.5	122.8	122.5	123.5	120.8	121.1	120.7	122.0	121.3	119.8	118.4
1973		103.5	104.2	104.8	104.7	104.2	104.0	104.2	103.5	103.6	103.9	103.9	104.1	1950		120.1	118.0	116.9	115.2	114.2	116.6	117.7	122.3	122.4	123.4	124.1	126.3
1974		103.6	103.8	102.7	101.2	103.0	102.7	101.9	102.5	100.6	99.9	98.5	97.9	1951		125.4	126.4	125.8	127.8	125.9	125.9	126.7	123.5	124.4	123.8	124.1	125.6
1975		97.7	96.2	95.0	93.9	93.6	93.3	92.9	94.1	94.2	94.1	94.4	95.3	1952		123.6	124.8	124.5	124.9	95.6	120.1	120.7	126.5	125.5	125.2	125.8	125.2
1976		95.4	94.4	95.0	95.2	95.8	95.8	96.7	96.1	96.8	96.5	96.8	97.2	1953		125.9	126.2	126.5	126.3	126.5	126.2	126.2	127.2	125.5	124.8	124.1	123.3
1977		96.8	98.3	98.3	99.6	99.8	100.3	100.2	100.3	101.4	102.0	101.5	101.6	1954		122.0	122.3	121.0	120.0	123.2	124.4	121.7	121.7	120.4	119.0	119.3	118.0
1978		100.7	101.7	103.7	104.2	103.3	104.0	104.1	104.1	103.3	104.2	105.4	105.5	1955		117.8	118.0	119.6	119.9	120.9	120.6	119.4	119.6	117.8	119.4	117.4	118.7
1979		105.7	106.7	107.2	105.6	107.4	107.4	107.8	108.4	107.8	107.9	108.6	107.9	1956		119.3	118.0	120.3	118.7	115.2	117.4	115.8	118.5	118.0	118.1	117.1	118.0
1980		108.9	108.2	107.3	107.3	106.7	106.1	105.9	106.4	106.6	107.0	106.3	108.5	1957		116.9	117.5	116.2	115.8	113.9	112.9	112.7	111.9	113.7	113.2	112.2	112.3
1981		108.5	108.2	107.8										1958		109.9	110.1	108.6	108.2	107.0	108.0	107.2	106.2	106.4	104.7	106.0	104.7
														1959		106.0	98.2	108.3	104.5	104.8	102.8	102.6	98.2	101.4	101.4	101.8	101.8
1947		79.2	79.4	78.7	78.4	78.7	76.9	78.0	77.7	77.4	78.2	78.0	78.7	1960		101.1	102.8	102.6	101.1	102.3	101.6	101.8	101.6	100.6	100.1	99.1	98.2
1948		79.1	77.7	77.2	76.4	76.4	78.1	78.4	78.5	78.4	78.0	77.5	77.2	1961		98.9	96.2	96.9	96.2	95.7	96.7	95.0	95.7	95.0	96.6	93.4	91.6
1949		75.7	74.6	73.8	71.7	69.9	69.3	68.5	68.2	70.2	70.8	70.3	70.2	1962		96.9	95.9	95.0	94.5	94.7	94.2	94.4	92.9	89.8	89.2	89.9	90.4
1950		70.2	70.6	70.5	72.1	72.6	73.2	73.4	75.4	76.0	77.5	77.1	77.8	1963		90.4	89.3	89.1	90.8	89.9	89.6	89.4	88.8	88.0	88.2	88.2	87.9
1951		78.4	79.2	79.7	80.5	81.4	81.6	81.9	81.9	81.3	80.8	80.8	80.3	1964													

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977=100													INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977=100												
SIC 29—PETROLEUM AND COAL PRODUCTS													SIC 31—LEATHER AND LEATHER PRODUCTS												
1973	94.2	93.0	92.5	92.2	92.6	92.6	93.6	94.3	95.5	93.8	95.4	95.2	1947	175.7	173.9	172.5	180.3	180.6	173.3	171.6	172.1	182.4	188.1	190.6	187.7
1974	95.8	94.8	95.8	94.6	95.8	96.3	95.1	93.6	92.6	94.0	94.6	93.1	1948	182.9	180.0	173.9	167.9	166.1	169.8	169.3	170.7	170.2	168.9	163.9	161.6
1975	85.7	86.6	89.1	86.3	89.4	88.9	91.4	91.6	92.5	92.8	94.2	93.5	1949	159.8	159.8	159.8	159.7	156.6	158.4	158.4	158.4	160.2	159.3	149.1	156.1
1976	96.8	96.8	96.3	97.3	96.7	95.5	95.3	95.3	95.8	95.1	95.8	96.3	1950	158.8	159.7	160.6	156.1	159.3	162.3	166.9	172.9	173.9	173.8	172.4	168.3
1977	95.8	94.9	96.9	100.2	100.5	100.7	101.0	101.0	101.5	101.7	101.7	103.7	1951	170.2	170.6	167.4	163.8	154.8	157.5	154.3	147.9	144.7	143.3	144.4	149.1
1978	104.2	104.7	105.5	105.2	103.7	104.7	105.4	106.4	105.2	105.7	106.7	106.5	1952	153.4	154.9	156.6	159.2	163.7	162.9	163.0	169.2	169.8	171.3	170.5	173.7
1979	106.2	107.2	108.4	107.5	107.2	105.7	106.2	106.2	106.7	106.3	107.9	106.5	1953	170.9	167.3	170.0	172.8	171.4	168.6	163.2	160.0	152.7	153.9	154.3	153.7
1980	91.3	66.3	62.2	80.2	99.0	99.3	99.8	100.6	101.3	102.2	102.5	102.4	1954	152.4	152.4	152.8	150.3	149.3	150.2	153.7	153.3	152.0	150.3	156.2	154.6
1981	104.6	104.6	103.9										1955	155.5	158.9	160.8	160.0	161.7	163.1	160.5	163.1	164.9	159.5	166.7	
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS													1956	166.3	167.1	162.2	160.0	160.0	158.3	157.7	156.4	155.4	155.8	154.5	153.7
1947	48.4	49.1	48.5	47.8	45.2	44.1	43.4	43.7	43.9	44.7	45.2	46.5	1957	153.6	154.4	155.7	158.4	153.6	154.4	154.4	154.8	155.2	153.1	149.7	148.8
1948	45.4	44.7	43.8	43.0	42.6	43.7	43.8	44.5	43.4	42.6	42.1	41.0	1958	146.7	144.6	141.6	133.2	138.5	141.0	144.3	145.1	147.6	147.8	152.4	154.1
1949	39.7	39.2	38.4	38.0	37.5	36.9	37.1	37.1	36.4	38.7	37.9	38.2	1959	156.3	156.8	155.5	158.6	160.4	159.2	157.5	155.3	156.7	153.7	154.4	152.3
1950	39.3	40.1	40.9	42.6	43.7	44.9	46.3	48.1	48.7	48.9	49.3	48.9	1960	150.9	148.3	149.5	146.2	148.2	149.3	150.9	151.0	144.0	143.9	143.9	136.6
1951	48.2	46.9	48.5	48.6	49.4	49.8	49.3	48.5	47.8	45.8	46.7	47.3	1961	145.0	145.5	144.2	145.8	147.0	148.0	147.8	146.2	144.5	146.1	150.2	150.3
1952	47.7	47.4	47.9	47.1	47.4	47.5	45.4	47.6	48.6	49.5	50.1	51.3	1962	150.4	149.6	151.7	154.8	149.6	150.0	149.5	148.7	148.2	145.1	145.0	144.2
1953	51.6	52.3	54.3	53.8	52.1	52.6	52.6	51.1	49.3	47.6	46.7	45.6	1963	143.1	143.1	142.3	140.2	141.3	142.9	143.3	143.9	145.2	146.7	141.0	143.2
1954	45.2	45.2	44.7	43.9	44.7	45.1	40.7	40.7	44.2	45.8	46.7	48.0	1964	138.2	142.4	142.4	142.1	143.7	144.2	145.2	145.1	144.0	144.7	143.9	145.8
1955	49.1	50.0	51.1	52.6	53.3	54.2	52.9	52.4	53.2	53.7	55.0	53.6	1965	144.3	145.9	147.6	145.4	147.2	145.2	146.0	146.6	147.8	147.3	149.5	150.4
1956	53.5	52.4	51.5	52.2	51.3	49.5	50.1	50.4	51.1	52.0	48.0	52.7	1966	151.8	154.0	154.1	156.6	155.4	155.0	149.5	153.1	150.7	151.0	150.4	148.0
1957	53.3	53.4	53.2	49.3	51.4	51.2	52.6	52.0	51.4	50.3	50.3	48.8	1967	148.1	142.9	140.7	141.8	140.0	140.6	143.8	143.2	145.2	145.1	148.2	145.3
1958	46.7	44.4	43.9	42.6	41.8	43.7	44.1	45.3	46.5	47.3	47.9	49.3	1968	143.3	147.6	147.4	144.3	147.1	147.1	144.1	145.0	144.5	147.0	144.8	143.0
1959	50.1	51.4	52.8	49.0	48.4	51.5	55.0	54.5	54.6	53.9	52.8	52.9	1969	142.6	133.3	140.4	138.2	137.4	135.6	136.3	134.5	131.5	132.4	132.8	134.2
1960	53.4	53.7	53.4	51.5	52.1	53.0	51.2	50.9	49.1	49.5	48.5	46.5	1970	133.6	130.8	129.9	127.9	127.6	130.2	122.6	121.3	122.4	121.5	120.7	
1961	47.4	46.9	47.1	49.2	50.2	51.4	51.8	51.9	52.5	52.7	54.2	54.7	1971	121.2	118.5	119.2	121.3	120.3	119.5	120.0	119.8	117.6	120.2	121.6	122.1
1962	54.7	54.6	55.3	56.1	57.0	58.8	56.8	56.9	57.5	57.6	57.5	57.2	1972	123.2	125.1	123.0	124.0	124.5	123.7	123.2	123.7	121.6	118.8	117.7	113.0
1963	58.1	57.5	57.8	57.5	58.2	58.0	57.1	56.8	57.1	57.3	57.5	57.8	1973	115.7	115.8	115.5	116.4	115.3	116.4	113.9	114.2	114.8	113.9	114.4	113.3
1964	57.6	58.6	59.2	59.6	60.5	60.4	60.3	62.3	62.9	62.0	61.7	62.9	1974	111.9	111.7	112.5	108.2	109.2	108.4	106.8	106.3	103.4	101.1	101.1	97.3
1965	64.4	65.8	66.7	65.5	66.3	66.9	67.3	67.3	67.1	68.4	69.5	70.7	1975	93.2	89.1	86.6	90.2	92.8	96.4	99.8	100.8	103.3	106.5	107.4	109.7
1966	71.1	71.1	71.8	72.4	72.8	73.0	73.0	73.6	73.6	74.5	74.8	74.5	1976	111.6	111.3	111.5	108.2	110.1	105.5	107.0	103.1	101.0	99.2	98.5	98.8
1967	75.0	72.9	72.5	72.3	63.7	65.1	64.2	73.7	74.7	75.0	75.6	75.2	1977	96.4	100.5	100.0	100.5	100.7	100.3	98.8	99.1	98.5	101.5	102.3	100.7
1968	75.2	76.5	76.3	75.0	78.5	79.0	79.0	79.9	80.5	81.2	81.2	81.7	1978	98.3	98.8	102.0	104.1	102.5	103.4	101.3	102.4	102.1	101.7	100.5	99.5
1969	82.3	81.4	83.0	82.8	83.3	83.7	83.5	83.1	82.9	83.1	82.9	83.3	1979	98.8	96.1	95.9	93.2	95.4	96.2	91.5	93.7	94.3	93.5	93.1	93.2
1970	83.1	82.2	81.4	80.8	73.2	77.6	79.6	78.0	77.2	74.9	74.0	74.5	1980	92.9	92.5	91.3	91.3	89.2	88.8	83.5	89.0	88.5	88.8	87.8	88.1
1971	75.8	76.0	77.6	77.9	79.6	79.3	79.6	79.2	80.0	81.3	81.7	82.7	1981	88.5	89.5	89.3									
1972	83.2	84.3	85.7	87.3	88.0	89.1	88.3	89.3	89.6	91.7	94.0	94.5	PRIVATE SERVICE-PRODUCING ¹¹												
1973	95.8	96.9	97.4	98.6	97.5	97.9	99.2	99.3	97.8	98.6	99.9	100.0	1964	71.6	71.7	71.8	72.3	72.4	72.5	72.8	72.8	73.1	73.5	73.4	73.9
1974	99.2	100.0	98.2	94.7	97.9	99.5	98.5	98.7	97.2	95.7	91.0	86.6	1965	73.9	74.2	74.5	74.9	75.1	74.9	75.1	75.3	75.7	75.9	76.0	76.4
1975	84.4	77.6	75.0	77.5	78.4	78.6	79.4	81.7	83.4	84.2	84.4	86.6	1966	76.2	76.7	76.8	77.1	77.2	77.5	77.6	77.6	77.8	78.1	78.1	78.4
1976	88.1	88.7	90.6	89.6	79.5	79.1	80.0	79.4	92.9	93.6	94.3	95.2	1967	78.3	78.4	78.5	78.2	78.9	79.1	79.0	79.3	79.6	79.5	80.1	80.3
1977	95.7	97.6	98.4	100.2	101.2	101.6	100.2	100.3	100.7	101.5	101.7	101.5	1968	80.0	80.4	80.6	80.8	80.7	81.2	81.5	81.8	82.0	82.2	82.5	82.6
1978	100.4	99.4	102.8	105.1	105.4	106.7	106.1	107.0	107.4	107.9	108.8	109.9	1969	83.2	83.3	83.7	83.9	84.3	84.5	84.8	85.2	85.2	85.4	85.5	85.7
1979	110.1	110.7	110.7</																						

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100													INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100												
PRIVATE SERVICE-PRODUCING ¹¹													SIC 50,51—WHOLESALE TRADE												
1978	101.9	102.3	103.4	103.9	104.1	104.8	105.0	105.3	105.3	105.8	106.1	106.5	1964	75.1	75.4	75.6	75.9	76.0	76.1	76.5	76.3	76.5	77.0	77.4	77.8
1979	106.3	107.0	107.6	107.3	107.7	108.3	108.4	108.7	108.9	108.9	109.6	109.7	1965	77.8	78.1	78.6	78.6	79.2	79.4	79.3	79.8	79.8	80.3	80.2	80.6
1980	109.6	109.9	109.8	109.6	109.4	109.2	109.8	110.1	110.3	110.6	110.9	111.0	1966	80.9	81.2	81.4	81.3	81.4	81.9	82.4	82.2	82.1	82.4	82.3	82.5
1981	111.3	111.7	111.8	109.6	109.4	109.2	109.8	110.1	110.3	110.6	110.9	111.0	1967	82.9	82.7	82.6	82.8	82.4	82.5	82.5	82.9	82.8	82.4	82.9	82.5
TRANSPORTATION AND PUBLIC UTILITIES													1968	82.2	82.6	82.7	83.1	83.5	84.3	84.5	84.8	84.9	85.0	85.4	85.2
1964	88.6	88.0	88.5	89.5	89.4	89.2	90.0	89.4	90.3	90.7	89.8	91.5	1969	85.7	85.8	86.1	86.3	86.7	86.7	86.9	87.8	87.9	88.0	88.1	88.9
1965	89.7	91.0	91.7	91.3	91.3	91.4	91.5	92.0	93.0	92.7	93.3	93.0	1970	89.2	89.0	88.9	88.5	88.6	88.3	88.6	88.0	87.9	87.8	87.1	87.4
1966	91.8	93.3	93.2	93.1	93.2	94.2	93.4	93.6	94.5	94.2	94.6	94.6	1971	87.0	86.7	86.8	86.6	87.0	86.7	86.2	86.7	87.1	87.2	87.4	88.2
1967	94.5	94.8	94.4	91.1	94.8	94.6	93.9	94.7	94.1	93.7	94.5	94.2	1972	87.9	88.1	88.6	89.0	89.0	89.3	88.9	89.3	89.8	90.1	90.4	90.2
1968	94.7	94.2	94.8	95.3	94.2	94.6	95.4	96.0	95.7	96.7	96.5	96.5	1973	91.1	91.6	92.3	91.8	91.8	92.4	92.4	93.2	92.9	93.0	94.1	93.8
1969	96.8	96.8	97.1	98.0	98.0	98.0	98.9	98.6	99.3	99.6	99.0	99.5	1974	94.2	94.5	94.7	94.3	95.0	95.1	95.3	95.2	95.2	94.9	94.9	94.2
1970	100.1	99.7	99.5	97.9	98.4	99.7	100.7	99.4	99.4	98.5	98.4	96.6	1975	93.8	93.2	92.7	92.7	93.1	92.8	93.0	93.1	94.0	94.3	94.5	94.8
1971	96.8	99.0	98.6	98.3	97.2	98.5	91.7	96.8	97.7	96.3	96.6	97.9	1976	95.5	95.7	95.4	96.4	96.6	96.4	96.8	96.5	97.0	96.4	96.8	97.1
1972	97.3	97.8	99.8	98.8	99.3	99.8	98.9	99.7	99.3	100.3	100.9	101.3	1977	97.6	98.3	98.5	99.0	99.1	99.7	100.2	100.7	101.2	101.4	101.9	102.4
1973	101.2	101.5	101.8	101.6	102.4	101.9	102.0	102.5	102.1	103.3	102.9	101.9	1978	102.5	103.1	104.4	105.0	104.5	105.4	105.1	105.8	106.7	107.0	107.2	107.9
1974	103.6	102.7	102.1	103.8	103.8	103.3	103.6	103.0	102.2	102.4	100.7	100.1	1979	108.4	108.8	110.0	109.1	110.2	110.6	110.9	110.9	110.8	110.8	111.8	111.3
1975	99.3	97.7	96.4	95.9	95.3	96.3	96.8	96.8	96.5	96.5	95.9	96.2	1980	111.5	111.6	111.0	110.7	110.4	108.7	109.0	109.7	110.5	110.6	110.5	110.9
1976	95.8	96.6	96.7	97.0	96.7	97.8	98.6	99.0	98.2	97.5	98.0	99.1	1981	111.5	111.1	111.1									
1977	97.1	98.8	98.6	98.8	99.5	100.7	100.7	101.1	101.1	100.3	101.4	101.9	SIC 52-59—RETAIL TRADE												
1978	99.8	102.2	103.0	102.9	103.1	104.3	102.9	104.3	103.1	104.8	105.0	106.0	1964	74.6	75.2	75.3	75.3	75.3	75.5	75.7	75.8	76.0	76.7	76.5	77.2
1979	104.8	105.9	105.9	102.2	106.1	108.5	108.2	109.3	108.2	108.6	109.3	108.6	1965	77.4	77.9	78.3	79.0	78.9	78.3	78.5	78.3	78.8	79.1	79.1	79.8
1980	106.9	106.5	106.7	106.7	105.7	105.4	106.4	105.9	106.0	106.3	105.7	106.6	1966	79.5	80.0	79.9	80.3	80.4	80.5	80.8	80.7	80.5	80.5	80.5	81.0
1981	105.0	105.4	105.1										1967	80.6	80.3	80.6	80.4	80.8	81.0	81.3	81.2	81.6	81.4	81.9	82.6
WHOLESALE AND RETAIL TRADE													1968	81.5	82.2	82.4	82.6	82.3	82.9	83.1	83.4	83.8	83.7	84.1	84.1
1964	74.7	75.3	75.4	75.5	75.5	75.7	75.9	76.0	76.1	76.8	76.7	77.3	1969	84.5	84.5	84.7	84.9	85.5	85.7	85.7	86.1	86.0	85.9	86.3	86.1
1965	77.5	77.9	78.4	78.9	79.0	78.6	78.7	78.7	79.1	79.4	79.4	80.1	1970	86.3	86.4	86.5	86.0	86.4	86.4	86.4	86.6	86.2	86.4	86.1	86.8
1966	79.9	80.3	80.3	80.6	80.7	80.9	81.2	81.1	81.0	81.0	81.0	81.4	1971	86.9	87.1	87.3	87.9	87.8	87.9	88.7	89.1	89.1	89.4	89.1	90.3
1967	81.3	81.0	81.1	81.1	81.2	81.4	81.6	81.6	81.9	81.6	82.2	82.6	1972	90.3	90.3	90.8	91.0	90.6	91.2	91.3	91.2	91.4	92.3	92.9	93.1
1968	81.7	82.3	82.5	82.7	82.7	83.3	83.5	83.8	84.1	84.0	84.5	84.4	1973	93.6	93.8	94.2	94.0	94.2	94.4	94.2	93.8	94.2	94.3	95.3	94.3
1969	84.8	84.8	85.1	85.3	85.8	86.0	86.0	86.6	86.5	86.5	86.8	86.9	1974	93.8	93.8	94.0	95.1	94.5	94.4	94.4	94.5	95.0	94.9	94.6	93.4
1970	87.1	87.1	87.2	86.7	87.0	86.9	87.0	87.0	86.7	86.8	86.4	86.9	1975	92.9	92.9	92.9	92.4	93.0	93.6	93.8	95.0	94.5	94.8	95.2	95.3
1971	87.0	87.0	87.2	87.5	87.6	87.6	88.0	88.4	88.5	88.8	88.7	89.7	1976	96.6	97.0	96.6	97.9	97.5	97.1	97.1	97.2	97.5	97.2	97.3	97.6
1972	89.6	89.7	90.2	90.4	90.2	90.7	90.6	90.6	91.0	91.7	92.2	92.3	1977	97.8	98.1	98.8	99.0	99.8	99.9	100.4	100.8	100.9	101.5	101.1	101.7
1973	92.9	93.2	93.6	93.4	93.6	93.8	93.7	93.6	93.8	94.0	94.9	94.2	1978	101.3	101.0	102.5	102.8	103.5	104.0	104.6	104.5	104.3	104.9	104.7	105.2
1974	93.9	94.0	94.2	94.9	94.6	94.6	94.6	94.7	95.1	94.9	94.6	93.6	1979	104.5	105.1	105.3	106.0	105.0	105.1	104.7	104.8	105.3	105.0	105.6	105.2
1975	93.2	93.0	92.9	92.5	93.1	93.4	93.6	94.5	94.3	94.6	95.0	95.2	1980	105.0	105.1	104.6	103.6	103.6	103.3	103.5	104.2	104.3	104.3	104.7	103.9
1976	96.3	96.6	96.3	97.5	97.3	96.9	97.0	97.0	97.4	97.0	97.1	97.5	1981	104.7	105.2	105.4									
1977	97.8	98.1	98.7	99.0	99.6	99.9	100.3	100.7	101.0	101.5	101.3	101.9	FINANCE, INSURANCE, AND REAL ESTATE ¹⁷												
1978	101.6	101.6	102.9	103.3	103.8	104.5	104.9	105.1	105.1	105.6	105.6	106.1	1964	70.0	70.5	70.3	70.6	70.7	70.7	70.8	70.8	70.9	71.0	70.8	71.0
1979	105.6	106.1	106.6	106.9	106.4	106.6	106.4	106.5	106.8	106.6	107.3	106.9	1965	71.5	71.6	71.5	71.4	71.6	71.6	71.8	71.9	72.0	72.4	72.6	72.7
1980	106.8	106.9	106.4	105.6	105.5	104.8	105.0	105.7	106.0	106.1	106.3	105.9	1966	72.7	72.8	73.0	73.2	73.3	73.6	73.9	73.8	73.7	74.0	74.0	74.5
1981	106.6	106.8	106.9										1967	74.1	74.5	74.7	74.9	75.2	75.8	75.9	76.6	76.9	77.1	77.2	77.6
													1968	77.7	77.8	78.1	78.2	78.9	78.7	79.1	80.0	80.3	80.7	81.0	81.5
													1969	82.1	82.7	82.7	83.1	83.3	83.6	83.9	84.2	84.6	84.7	85.3	85.3
													1970	85.4	85.7	86.0	85.9	85.4	85.1	85.4	85.3	85.2	85.6	85.5	85.4
													1971	85.6	85.8	86.1	86.6	86.8	87.2	87.3	87.5	87.4	87.8	87.6	87.7
													1972	88.7	88.3	88.5	89.2	88.8	89.6	89.6	89.8	90.3	90.5	90.0	90.7
													1973	91.0	91.3	91.9	92.3	92.1	92.2	92.9	92.7	93.1	92.7	92.8	93.2
													1974	92.6	93.1	93.2	92.8	93.5	93.6	93.7	93.7	93.8	93.5	93.8	93.7

See footnotes at end of tables.

SEASONALLY ADJUSTED

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1977 = 100

	FINANCE, INSURANCE, AND REAL ESTATE ¹⁷											
1975	94.0	93.7	93.0	92.6	93.0	93.2	93.1	93.7	93.5	94.2	94.4	94.3
1976	94.5	95.2	94.4	94.9	95.1	95.1	95.6	95.6	95.5	96.0	96.3	97.0
1977	98.0	98.0	98.5	99.0	99.3	99.7	100.2	100.6	100.7	101.8	101.8	102.5
1978	102.9	103.7	103.7	104.9	104.2	105.4	106.6	106.7	106.9	107.5	107.8	108.2
1979	109.0	109.4	109.4	109.7	109.4	110.3	110.8	111.2	111.5	111.7	112.2	112.6
1980	112.6	113.4	113.7	113.7	113.8	114.9	114.7	115.3	114.9	115.9	116.2	116.5
1981	117.3	117.4	117.5									
	SERVICES											
1964	62.2	62.0	62.1	62.9	63.1	63.2	63.5	63.7	63.9	64.3	64.2	64.3
1965	64.5	64.7	64.5	65.1	65.5	65.6	66.0	66.2	66.6	66.6	66.9	67.2
1966	67.3	67.6	67.8	68.3	68.5	68.6	68.7	68.8	69.3	69.9	69.9	70.2
1967	70.3	70.5	70.7	71.2	71.5	71.7	71.5	71.8	72.5	72.7	73.2	73.4
1968	73.4	74.0	74.0	73.9	74.1	74.8	74.9	75.0	75.1	75.3	75.7	75.7
1969	76.8	76.8	77.6	77.6	77.9	78.1	78.7	79.0	78.9	79.3	79.3	79.4
1970	79.4	79.7	79.8	79.7	79.8	79.2	79.1	79.3	80.0	80.0	79.9	80.0
1971	79.8	79.5	79.4	79.5	79.7	79.8	80.3	80.0	80.0	80.4	80.4	80.9
1972	80.9	81.2	81.4	82.5	82.1	82.9	82.8	83.1	83.5	84.4	84.5	84.8
1973	85.1	85.6	86.2	86.8	86.4	86.9	86.6	87.2	87.4	87.4	88.2	88.1
1974	88.3	89.0	89.2	89.3	89.7	90.5	90.4	90.6	90.9	91.0	90.7	90.9
1975	91.2	91.4	91.6	91.5	91.9	92.1	92.9	93.6	93.1	93.6	94.1	94.2
1976	95.1	95.4	95.3	95.7	95.9	95.7	96.3	96.3	96.2	96.7	96.7	97.1
1977	97.3	97.9	98.0	98.5	98.9	99.4	100.0	100.5	101.3	102.1	102.4	102.8
1978	102.7	102.9	104.0	104.8	104.8	105.2	105.4	105.6	106.0	106.0	106.8	106.6
1979	107.0	107.7	109.0	108.9	109.3	109.7	110.3	110.4	110.8	111.1	111.8	112.7
1980	113.0	113.6	114.0	114.3	114.3	114.4	115.3	115.5	115.8	116.0	116.9	117.3
1981	117.7	118.2	118.4									

See footnotes at end of tables.

Special Series

Indexes of Hours and Payrolls

Spendable Earnings

Earnings Excluding Overtime

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
TOTAL PRIVATE ²														GOODS-PRODUCING ⁴													
1964	79.2	74.8	75.4	76.2	77.4	78.6	80.5	81.0	81.6	81.1	80.8	80.8	82.4	1968	101.9	95.2	97.4	98.1	98.2	101.6	104.7	103.2	104.7	106.6	105.7	103.7	103.9
1965	82.7	78.7	78.6	79.6	80.6	82.0	83.9	84.4	85.0	84.4	84.7	84.5	86.1	1969	104.5	99.6	99.2	101.8	102.4	104.1	107.5	105.7	108.2	109.0	107.2	104.8	104.5
1966	86.3	82.2	82.5	83.6	84.4	85.5	88.1	88.2	88.8	88.1	88.0	87.4	88.4	1970	98.4	98.2	98.0	99.3	98.9	98.5	101.3	99.8	100.7	99.3	96.4	94.5	96.0
1967	86.6	84.7	83.5	84.2	84.5	85.5	87.7	87.9	88.7	88.1	87.5	88.2	89.1	1971	95.9	91.7	90.6	92.5	93.4	95.6	98.6	96.6	98.4	98.7	98.8	98.6	97.6
1968	88.7	84.3	85.1	85.7	86.4	87.7	90.3	90.5	91.1	90.8	90.5	90.2	91.6	1972	100.2	93.2	93.7	95.9	97.5	98.9	102.7	99.9	103.5	105.1	105.0	104.0	102.7
1969	91.7	87.9	87.6	89.1	89.9	90.9	93.5	93.7	94.6	93.8	93.2	92.6	93.7	1973	105.9	98.2	100.3	102.3	103.5	105.2	108.7	107.0	108.9	110.3	109.5	109.4	108.0
1970	90.2	89.0	88.8	89.6	89.6	89.9	92.0	92.1	92.2	90.7	89.5	88.9	90.5	1974	103.0	101.1	101.6	102.4	100.6	104.5	107.1	104.3	106.2	106.8	104.9	100.1	96.5
1971	89.7	86.5	86.1	87.0	87.9	89.0	91.4	90.9	91.8	91.0	91.0	91.1	92.4	1975	90.6	89.0	85.7	85.2	86.3	88.2	90.6	89.3	93.4	95.4	94.9	94.0	94.7
1972	92.9	88.1	88.3	89.8	91.0	91.8	94.7	94.1	95.3	95.1	95.4	95.3	96.2	1976	95.5	90.9	91.0	92.1	92.5	95.4	98.0	96.2	97.8	99.0	98.1	97.9	97.1
1973	97.1	92.2	93.1	94.4	95.3	96.4	99.0	98.8	99.5	99.1	98.7	99.2	99.6	1977	100.0	90.4	93.2	95.6	97.6	100.1	103.5	101.3	102.8	104.6	104.4	103.7	102.7
1974	97.1	94.5	94.7	95.3	95.5	97.4	99.7	99.2	99.7	98.9	98.1	96.3	95.8	1978	105.6	94.7	96.3	100.4	103.9	105.0	109.0	107.3	108.8	110.4	110.5	110.2	110.5
1975	92.6	90.4	88.9	88.9	89.7	91.1	93.2	93.4	95.1	94.8	94.8	94.6	96.0	1979	108.6	103.8	104.2	107.5	104.1	109.1	112.2	109.8	110.7	112.1	111.2	109.4	109.6
1976	96.2	92.5	92.7	93.3	94.4	95.9	97.9	98.0	98.3	97.9	97.4	97.5	98.5	1980	102.5	103.2	102.6	103.2	102.1	101.2	102.2	98.6	101.5	103.8	103.9	104.0	104.3
1977	100.0	93.6	94.8	96.3	97.8	99.4	102.1	102.0	102.6	102.5	102.7	102.7	103.7	1981		99.4	97.5	100.5									
1978	104.9	97.8	98.6	101.1	103.3	104.2	107.3	107.2	107.8	107.4	107.6	107.8	109.2	MINING													
1979	108.4	103.9	104.2	106.4	105.5	108.0	110.7	110.3	110.6	110.2	109.9	109.8	111.0	1947	132.5	139.0	132.8	133.9	119.0	137.2	140.1	117.5	132.4	133.1	135.5	132.5	137.2
1980	107.3	105.7	105.5	106.3	106.2	106.2	107.7	107.0	108.3	108.2	108.4	108.7	109.9	1948	133.2	137.7	132.4	137.0	104.5	139.2	140.5	123.8	141.2	135.7	138.2	132.3	136.0
1981		105.6	105.0	106.6										1949	113.4	134.4	127.8	124.6	128.1	128.4	113.0	104.7	104.8	106.9	75.0	112.8	100.7
GOODS-PRODUCING ⁴														1950	115.4	93.7	68.1	125.7	119.9	118.1	120.0	118.6	123.2	123.6	125.4	122.6	125.5
1947	89.8	89.0	88.4	88.8	87.6	87.9	89.3	87.3	90.2	92.3	92.5	91.4	93.0	1951	120.1	123.7	116.8	114.6	114.6	116.9	120.5	117.2	121.2	122.5	124.3	123.4	126.0
1948	89.7	90.2	88.0	89.1	86.2	87.6	90.2	89.3	92.1	92.5	91.8	89.8	89.1	1952	115.3	125.5	120.1	120.2	112.2	116.1	102.8	97.4	118.5	122.6	113.1	117.4	117.5
1949	80.9	84.6	83.0	81.4	79.4	79.0	79.4	78.8	81.8	83.6	80.3	79.4	80.3	1953	110.8	113.4	109.2	108.4	107.1	111.2	115.6	112.0	115.3	111.2	111.6	107.7	107.0
1950	88.1	78.4	77.0	80.1	81.4	84.3	87.7	88.9	95.0	95.7	97.2	95.7	95.3	1954	98.7	104.2	101.6	96.9	94.7	96.2	100.7	97.2	99.8	95.4	98.1	99.3	100.5
1951	95.0	93.5	93.2	94.1	94.5	94.5	95.9	94.5	96.4	97.0	96.4	94.2	95.4	1955	103.2	99.5	99.1	99.3	99.3	102.9	106.1	104.5	104.8	105.5	105.6	104.1	107.6
1952	95.1	92.8	92.8	92.3	91.0	91.8	91.9	89.5	96.9	100.9	100.9	99.9	100.9	1956	106.6	106.3	104.6	105.0	106.4	106.2	109.6	98.7	108.5	110.5	108.6	106.2	108.6
1953	98.2	97.4	97.8	98.8	98.4	98.7	100.3	99.0	101.0	99.2	99.1	95.5	93.6	1957	104.0	105.0	105.1	103.9	103.5	103.3	108.4	105.9	107.1	106.4	102.5	98.1	99.3
1954	88.7	88.1	88.5	87.9	86.6	87.1	88.7	87.3	89.6	89.7	90.3	90.6	90.2	1958	88.7	93.7	89.3	86.4	83.6	85.0	89.8	86.4	88.4	89.7	89.6	90.5	92.2
1955	94.3	87.6	88.3	90.5	90.8	93.7	95.6	95.0	97.3	98.7	98.7	97.8	97.5	1959	89.0	89.4	87.4	88.2	89.3	93.0	96.6	91.9	86.1	82.6	84.0	88.3	91.7
1956	95.8	93.8	93.1	92.6	94.0	94.3	96.7	92.9	98.3	99.5	99.7	97.4	97.1	1960	85.9	86.4	84.3	86.3	88.6	89.1	89.2	85.4	87.9	85.9	85.6	82.4	80.1
1957	92.6	91.9	92.6	92.4	91.9	92.4	94.5	93.5	95.7	95.1	93.1	89.8	88.0	1961	80.4	79.2	76.9	75.1	77.0	80.0	83.2	83.0	83.1	82.7	83.4	81.6	79.4
1958	83.2	83.1	79.2	79.2	78.4	80.0	82.6	82.6	85.8	87.9	86.6	87.5	86.0	1962	78.2	76.1	77.0	77.1	78.4	79.6	80.7	77.9	81.0	79.8	78.9	76.9	75.3
1959	89.4	84.4	83.6	86.0	88.4	90.9	93.8	92.6	92.0	91.6	90.2	88.9	90.6	1963	77.3	73.4	72.7	72.3	75.9	78.7	81.5	78.3	80.0	80.1	79.7	77.5	77.3
1960	87.6	87.7	86.6	85.5	87.1	89.0	90.4	89.6	90.5	90.2	89.3	85.4	80.4	1964	77.7	74.2	73.8	73.6	75.8	77.7	81.0	79.2	80.0	78.3	80.4	79.8	78.1
1961	84.5	79.2	78.0	78.8	80.4	83.2	86.7	86.6	88.9	88.2	89.4	88.4	86.0	1965	78.0	75.7	74.4	75.1	76.3	79.1	80.6	80.0	81.3	77.9	79.0	77.5	78.5
1962	88.0	81.5	82.9	84.3	86.9	88.8	90.4	90.3	91.6	92.9	91.4	89.1	86.4	1966	77.5	75.8	74.6	76.2	69.6	78.4	81.6	80.8	81.3	79.5	78.9	76.5	76.7
1963	89.0	83.8	82.8	84.3	86.2	89.3	91.7	91.3	92.5	93.6	93.4	90.2	88.5	1967	74.5	74.4	72.3	72.8	74.8	75.4	78.0	79.1	76.2	74.1	72.9	72.8	71.5
1964	91.0	83.5	85.5	86.7	88.4	90.7	93.3	92.9	95.0	95.1	93.8	94.1	93.5	1968	73.2	67.8	68.2	68.7	73.4	74.5	77.5	78.2	77.8	76.5	66.1	74.5	75.2
1965	96.4	90.3	90.1	92.0	92.3	95.7	98.3	98.0	99.9	99.9	100.8	99.6	99.5	1969	75.7	72.9	72.1	71.4	75.1	75.7	77.7	77.7	79.3	78.2	76.8	76.5	76.5
1966	102.2	96.0	96.6	98.8	99.5	101.6	105.3	103.9	106.0	106.4	105.9	103.7	102.5	1970	75.2	73.2	73.1	72.9	75.2	74.8	77.4	77.3	77.0	75.4	75.7	75.3	75.7
1967	100.2	99.1	96.5	97.3	97.6	98.6	101.3	100.4	102.8	103.2	101.9	102.4	101.0														

See footnotes at end of tables.

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977=100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977=100													
MINING														MANUFACTURING													
1971	71.8	73.0	71.4	72.0	73.8	74.8	76.9	73.4	75.1	74.4	61.3	61.2	74.5	1947	93.2	93.7	93.6	93.5	92.2	90.9	91.4	89.7	92.1	94.8	95.1	94.8	96.7
1972	75.5	74.6	72.9	73.8	74.1	74.9	77.8	76.4	77.2	77.4	76.8	76.0	73.9	1948	91.9	94.0	92.6	93.1	90.0	89.2	91.1	90.4	92.9	93.7	93.1	91.7	90.8
1973	76.8	72.1	72.3	72.2	73.7	75.4	79.1	78.7	79.5	79.2	79.1	79.5	81.0	1949	82.1	86.7	85.7	83.8	80.4	79.0	79.7	78.9	82.1	84.6	81.9	80.0	82.8
1974	82.8	78.5	79.8	79.9	82.4	84.9	87.3	86.4	86.8	87.2	89.0	73.3	78.7	1950	90.1	82.1	82.2	82.9	83.3	85.6	88.4	89.3	95.8	97.0	98.5	97.3	98.1
1975	89.2	85.1	85.1	84.6	84.0	90.3	91.6	90.5	90.5	91.1	93.0	92.4	92.5	1951	96.5	96.7	97.5	98.0	97.2	95.8	96.7	94.4	96.1	97.2	96.1	95.3	97.0
1976	93.5	91.0	89.8	90.9	90.6	92.0	95.3	96.2	87.6	98.0	97.3	97.0	96.6	1952	96.5	95.1	95.3	95.2	92.8	92.6	91.9	88.9	96.6	101.3	102.2	102.2	104.0
1977	100.0	93.2	94.9	98.4	100.9	102.0	107.0	104.3	100.0	105.7	106.5	106.6	80.4	1953	101.1	101.7	102.4	103.7	102.4	101.8	102.6	100.9	102.6	101.2	100.4	97.4	96.3
1978	103.2	76.6	78.2	82.3	106.8	108.4	112.2	111.4	111.9	111.7	112.6	114.1	112.4	1954	90.3	92.3	91.9	91.0	88.5	88.3	89.1	87.0	89.4	90.5	91.0	92.1	92.6
1979	115.3	108.9	109.8	111.6	111.4	113.3	117.3	113.7	118.9	119.1	119.7	119.6	119.7	1955	96.0	91.0	92.2	93.7	93.2	94.8	96.1	94.6	97.4	98.7	99.8	100.3	100.4
1980	122.1	117.9	117.6	118.8	118.9	120.9	125.6	119.2	122.0	124.0	124.7	126.5	129.2	1956	96.4	97.4	96.6	95.8	95.6	94.5	95.1	91.0	96.5	98.2	99.0	97.9	98.7
1981		127.9	126.2	126.1										1957	93.2	95.3	95.3	94.7	93.2	92.5	93.8	92.2	94.4	94.3	92.5	90.9	89.5
CONSTRUCTION														1958	83.5	85.0	82.5	81.2	79.1	79.4	81.7	84.3	86.9	85.2	87.5	87.8	
1947	61.9	52.6	50.9	53.7	56.6	60.5	65.6	67.6	69.9	69.7	68.9	63.6	63.1	1959	90.0	86.6	87.0	88.6	89.4	90.9	93.0	91.4	90.2	91.2	89.8	89.6	92.2
1948	67.5	58.9	53.4	56.8	62.1	66.6	73.2	74.9	76.4	75.6	73.9	69.6	68.9	1960	88.6	91.1	90.3	89.6	88.5	89.5	90.0	88.3	89.2	89.6	88.5	86.1	82.5
1949	66.6	61.6	58.1	58.4	62.1	67.4	69.7	72.1	74.5	72.7	72.8	68.0	62.1	1961	85.3	81.3	80.7	81.2	82.0	83.8	86.3	85.6	87.8	87.7	88.9	89.6	88.9
1950	71.2	55.5	52.1	54.7	62.6	69.2	76.0	79.5	84.1	82.1	83.9	80.8	73.4	1962	89.3	85.7	86.7	87.8	88.8	89.4	90.8	89.4	90.4	92.5	91.1	90.1	89.3
1951	80.9	69.6	65.1	68.9	76.1	82.5	85.7	89.6	91.8	90.3	90.8	80.9	79.3	1963	90.0	87.1	86.9	87.7	87.7	89.8	91.3	90.0	91.0	93.0	92.7	91.2	91.2
1952	83.1	72.8	73.5	70.8	76.6	81.8	89.1	90.6	93.2	93.8	91.0	83.5	80.8	1964	92.1	87.4	88.9	89.6	90.2	91.2	92.9	91.8	93.7	95.5	93.0	94.9	95.7
1953	80.3	71.3	71.2	71.4	75.6	80.0	85.0	85.9	89.3	85.8	89.1	82.6	76.6	1965	97.8	93.4	94.0	95.4	94.7	96.5	98.5	97.4	98.9	100.6	101.1	101.4	101.9
1954	78.1	62.8	67.6	69.9	74.5	78.8	83.9	86.3	87.8	84.4	84.5	81.0	75.4	1966	104.5	99.6	101.2	102.1	102.5	103.9	106.3	103.6	106.3	107.8	107.6	107.1	106.2
1955	83.3	67.0	65.3	71.8	76.5	85.8	90.4	95.2	95.3	96.8	91.4	83.3	80.3	1967	102.7	103.5	101.5	101.7	100.8	101.1	102.8	100.5	103.2	104.2	103.4	104.5	104.8
1956	90.1	72.0	72.3	73.0	82.3	90.7	101.7	101.0	104.9	103.7	101.0	92.2	86.3	1968	104.5	100.7	102.2	102.5	100.7	104.0	106.4	103.9	105.0	107.6	107.2	106.9	106.9
1957	86.5	71.2	75.7	77.4	82.6	88.9	95.0	97.2	99.2	96.7	93.8	82.4	77.6	1969	106.0	103.5	103.2	105.5	104.8	105.5	108.2	105.2	107.9	109.0	107.6	106.0	106.3
1958	80.7	70.8	59.3	67.4	73.6	81.8	85.5	88.6	93.1	92.9	93.4	86.6	75.2	1970	99.0	101.9	100.9	101.8	99.9	98.9	101.0	98.5	99.3	99.6	95.2	94.1	96.3
1959	86.5	71.6	65.6	71.6	82.9	90.3	97.3	98.9	102.7	95.7	93.9	85.8	82.0	1971	95.6	93.7	93.1	93.8	93.4	95.3	97.2	94.3	95.9	97.4	97.2	97.6	98.1
1960	83.1	70.4	67.7	64.4	79.6	86.3	92.3	96.9	97.9	94.7	94.2	82.8	69.9	1972	99.9	94.1	95.3	96.8	97.7	98.4	101.4	97.6	101.3	103.4	104.2	104.7	
1961	81.2	68.6	64.3	67.5	73.1	80.5	89.6	92.4	96.3	92.1	93.2	84.2	72.8	1973	105.9	100.7	103.1	104.1	104.4	105.0	107.5	104.6	106.5	108.8	108.1	108.7	108.7
1962	83.8	61.5	64.5	68.3	78.9	88.3	90.4	98.1	100.8	98.1	96.0	86.6	74.0	1974	102.7	103.4	102.9	103.2	100.6	103.9	106.0	102.7	104.5	105.6	103.5	100.0	96.6
1963	86.6	69.2	63.9	69.5	81.1	89.4	96.3	100.8	103.5	100.1	100.1	88.0	77.5	1975	90.2	89.7	86.7	86.3	86.5	87.4	89.7	87.5	91.6	94.4	93.9	93.9	95.4
1964	88.9	65.7	70.8	74.9	82.5	91.1	98.4	101.6	104.9	96.7	101.1	93.4	85.9	1976	95.9	92.7	93.1	94.2	93.1	95.9	97.8	95.1	97.1	98.8	97.1	98.0	98.1
1965	93.3	77.5	73.4	78.8	84.0	95.9	101.5	105.1	109.3	101.7	104.1	95.6	92.1	1977	100.0	93.5	95.5	97.2	97.9	99.7	102.5	99.2	101.1	103.4	102.9	103.1	104.1
1966	96.2	82.6	78.4	86.9	91.1	95.1	106.3	111.4	110.4	105.7	103.5	93.2	89.4	1978	104.5	98.3	99.6	102.4	103.1	103.6	106.2	103.2	104.8	107.4	107.1	108.2	109.5
1967	93.6	82.5	76.8	80.5	86.6	91.2	99.4	105.5	107.1	104.8	101.3	98.9	88.5	1979	106.2	105.3	105.6	107.1	102.8	106.5	108.4	105.1	105.5	107.8	106.9	106.1	107.1
1968	95.4	73.5	79.9	82.3	91.4	95.5	102.4	105.4	109.5	108.4	107.3	94.1	95.5	1980	99.0	102.5	102.0	102.4	99.7	97.3	96.9	92.7	96.0	98.5	98.7	100.0	101.2
1969	103.5	86.3	85.4	89.7	96.9	103.7	111.5	115.1	117.1	116.2	112.3	105.5	101.9	1981		97.8	96.8	98.4									
SIC 24,25,32-39—DURABLE GOODS														SIC 24,25,32-39—DURABLE GOODS													
1970	101.2	85.1	88.7	92.8	99.1	102.0	108.7	111.8	113.6	103.8	107.5	101.2	99.7	1947	83.6	84.3	84.6	85.2	84.6	83.1	83.7	79.7	80.6	82.8	84.2	84.3	86.6
1971	103.5	85.6	82.1	90.5	98.0	102.1	110.8	114.1	116.6	111.5	116.3	113.3	100.8	1948	82.1	84.5	82.7	83.9	81.5	80.4	81.1	79.9	81.8	81.5	83.4	82.4	81.8
1972	107.7	92.8	90.8	97.0	101.8	107.3	115.3	117.0	121.4	120.0	120.4	109.2	99.3	1949	70.8	78.2	76.5	74.4	71.7	69.5	69.3	67.4	68.8	70.8	66.5	65.9	70.6
1973	113.5	91.1	92.5	100.2	105.9	113.4	122.5	126.3	128.2	125.5	124.3	120.3	111.4	1950	80.9	70.8	70.8	72.0	74.6	78.1	80.8	80.4	85.8	87.0	90.1	89.7	91.1
1974	109.4	94.8	100.3	103.5	105.4	112.0	118.0	117.4	120.0	117.4	116.2	107.0	100.1	1951	91.1	89.7	91.1	92.6	92.8	92.0	92.2	88.4	89.6	90.5	91.1	90.9	92.6
1975	92.5	86.																									

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 24,25,32-39—DURABLE GOODS														SIC 24—LUMBER AND WOOD PRODUCTS													
1960	82.8	87.2	86.4	85.4	84.1	84.7	84.4	81.6	81.0	82.0	81.3	79.2	75.9	1971	93.8	82.9	84.7	87.1	89.7	92.3	98.3	97.9	99.0	98.8	100.1	98.3	96.8
1961	78.2	74.5	73.4	73.7	75.2	77.7	79.7	78.4	79.1	79.4	81.4	83.1	82.9	1972	103.2	93.5	95.3	97.9	100.2	102.3	108.6	107.2	109.7	108.8	107.9	106.0	100.8
1962	83.4	80.0	81.2	82.2	83.6	84.2	85.1	83.0	82.4	85.4	84.9	84.4	83.9	1973	106.5	96.2	101.3	104.4	106.0	108.1	113.6	109.8	112.0	110.1	108.3	104.8	103.8
1963	84.8	82.3	82.0	82.6	83.4	85.5	86.8	84.8	83.7	86.9	87.1	86.4	86.8	1974	97.0	96.6	98.6	100.9	101.7	105.0	107.0	103.2	102.2	96.8	90.0	83.2	78.8
1964	87.8	83.6	84.6	85.5	86.7	87.5	89.1	87.4	87.7	91.1	86.9	90.9	92.6	1975	81.5	71.8	72.1	72.2	75.7	80.5	86.4	84.8	88.5	88.4	88.1	84.5	85.7
1965	95.1	90.6	91.2	92.6	92.8	94.5	96.3	94.5	94.3	96.9	98.2	99.0	100.4	1976	93.6	84.8	86.7	86.4	89.5	93.3	98.3	97.8	99.8	98.2	98.2	95.0	94.8
1966	103.6	98.8	100.1	101.2	102.4	103.7	105.6	102.0	103.4	106.6	106.8	106.4	105.9	1977	100.0	88.4	92.5	93.5	96.6	99.7	104.6	102.8	104.8	106.0	105.6	103.0	102.6
1967	101.1	103.4	101.0	101.2	100.0	100.7	101.6	98.5	99.9	100.9	100.3	102.3	103.5	1978	104.8	95.6	98.2	100.4	103.8	104.9	111.2	107.9	108.6	107.4	108.0	105.7	105.8
1968	102.7	100.3	100.9	101.3	99.9	103.1	104.8	101.8	100.5	104.7	104.6	105.2	105.4	1979	105.0	99.3	100.6	103.6	102.6	106.2	110.9	107.8	109.8	109.4	108.3	101.9	99.6
1969	104.9	103.3	102.8	104.9	104.3	104.8	107.3	103.5	105.0	107.4	106.3	103.9	104.8	1980	90.7	94.2	95.2	94.2	85.9	83.4	87.4	86.9	91.6	92.9	92.2	91.5	92.4
														1981		88.8	87.9	89.5									
1970	95.4	100.0	98.6	100.0	97.8	96.8	98.3	94.8	94.0	95.5	89.1	87.7	91.8	SIC 25—FURNITURE AND FIXTURES													
1971	90.6	89.6	88.9	89.5	89.0	91.1	92.7	89.0	89.0	91.0	91.9	92.3	93.5	1947													
1972	97.3	90.8	92.2	93.9	95.3	96.3	98.9	94.4	97.4	100.8	101.3	102.8	104.1	1947	78.5	77.1	79.2	78.0	76.4	75.7	75.8	72.7	76.0	78.7	82.4	83.8	86.5
1973	106.2	100.9	103.3	104.2	105.0	105.9	108.2	105.1	105.4	108.9	108.5	109.3	109.9	1948	79.6	86.2	85.3	83.7	79.2	76.8	76.1	74.3	76.9	78.7	81.0	79.0	78.3
1974	103.4	104.0	103.2	103.7	101.3	105.2	107.1	103.1	103.6	106.1	104.5	101.1	98.0	1949	70.0	71.5	70.8	69.4	66.3	64.1	64.2	62.8	67.9	73.0	76.5	75.0	78.8
1975	88.6	90.6	87.1	86.5	86.4	86.5	88.0	84.9	87.5	91.1	90.4	90.7	93.0	1950	84.7	77.3	80.1	81.2	81.0	80.8	82.2	80.7	89.1	90.7	91.5	91.0	90.3
1976	94.4	90.3	90.8	92.2	91.5	95.2	97.1	93.8	95.1	97.0	95.4	97.1	97.8	1951	80.6	87.5	89.0	89.8	84.8	78.9	75.5	72.9	75.1	76.1	77.5	78.8	81.4
1977	100.0	93.0	94.6	96.9	97.8	100.0	102.7	99.1	99.9	103.3	103.3	103.7	105.7	1952	80.9	80.1	79.8	79.2	76.7	76.1	77.0	75.2	80.1	83.7	86.2	87.1	89.2
1978	106.3	99.7	100.8	103.8	105.0	105.5	108.0	104.8	105.3	109.0	109.6	111.1	113.4	1953	82.5	85.3	86.7	87.4	85.4	83.2	82.2	79.3	81.0	80.9	81.4	79.6	77.7
1979	109.1	108.8	109.4	111.1	105.8	110.1	111.9	107.9	106.4	109.9	109.2	108.2	110.1	1954	73.7	73.7	74.4	74.0	70.4	68.3	69.3	68.2	74.4	77.0	78.4	78.1	77.8
1980	99.5	104.8	104.6	105.1	101.3	97.6	96.6	91.7	93.7	97.3	98.2	100.4	102.1	1955	81.2	75.1	77.7	78.4	76.5	77.3	79.8	77.3	84.1	86.5	87.6	87.0	86.9
1981		98.4	97.1	99.3										1956	82.0	83.1	84.1	82.9	80.1	78.5	79.7	77.8	82.8	84.6	85.4	81.9	83.4
														1957	79.8	78.5	79.6	79.6	78.4	76.5	78.7	77.3	82.5	83.8	83.2	80.2	79.6
														1958	75.0	74.6	72.8	71.8	68.7	68.5	71.1	70.6	77.7	81.0	81.7	80.9	81.1
														1959	83.4	80.1	80.9	80.9	80.6	81.0	83.4	83.1	85.8	86.1	86.9	85.3	86.9
1947	132.5	125.6	130.5	128.1	131.3	135.4	137.3	132.5	137.1	134.8	134.4	130.8	131.8	1960	81.4	83.2	82.8	80.6	82.0	81.2	82.1	80.0	83.4	83.3	82.6	79.2	76.4
1948	127.4	126.7	122.8	125.6	120.9	123.6	129.3	132.0	137.1	131.6	132.1	126.8	120.2	1961	77.6	71.4	72.1	72.4	73.0	73.0	76.6	76.3	81.4	82.7	84.2	83.8	84.1
1949	112.1	110.6	105.7	108.3	108.8	112.6	113.7	108.8	114.0	113.5	117.6	115.8	115.3	1962	83.2	77.3	80.3	81.5	81.9	82.0	84.0	81.5	86.4	86.8	86.8	85.3	84.8
1950	123.9	102.4	105.9	112.2	115.4	121.3	127.7	128.1	137.1	135.7	137.4	132.6	130.5	1963	84.6	81.7	81.2	81.4	80.7	81.4	84.2	83.7	87.9	88.6	88.7	87.6	88.2
1951	127.5	124.5	123.3	122.9	129.9	132.8	136.4	125.2	130.5	128.7	130.3	125.0	121.1	1964	88.6	81.8	84.6	85.4	85.9	84.8	88.3	87.6	92.0	91.9	93.9	93.2	94.1
1952	120.5	111.4	114.3	113.2	116.0	110.5	125.9	125.0	131.1	128.3	126.7	123.2	120.0	1965	94.9	89.9	91.4	92.4	91.6	91.5	94.5	92.8	96.9	97.5	99.3	99.2	101.4
1953	116.2	113.4	114.7	116.3	118.1	119.5	124.0	119.4	120.1	116.0	116.6	111.3	105.3	1966	101.4	96.8	97.6	99.3	98.1	99.9	103.1	98.5	105.8	104.5	105.1	104.2	103.7
1954	105.8	97.4	100.1	101.7	102.9	106.1	112.0	98.7	101.5	110.2	116.3	113.9	109.3	1967	96.8	97.7	96.0	95.4	93.4	93.0	95.7	92.5	97.7	98.8	99.9	99.8	102.4
1955	112.2	104.1	104.5	104.7	105.5	111.7	120.0	115.4	120.7	118.3	117.8	113.1	111.0	1968	101.3	95.2	98.9	99.1	95.8	99.5	102.6	98.7	104.1	104.6	105.6	105.1	106.0
1956	108.8	106.8	106.6	102.8	107.3	110.7	115.2	112.8	117.9	113.1	109.7	103.5	99.5	1969	103.7	101.9	101.6	103.6	102.6	103.2	105.6	100.3	106.3	105.5	105.6	104.0	104.5
1957	95.8	93.2	92.9	92.5	95.0	98.8	103.2	98.9	103.5	95.9	96.7	91.3	88.2	1970	95.2	98.1	96.4	97.1	94.6	91.5	93.4	91.1	95.5	95.0	97.0	96.3	96.9
1958	90.3	82.7	81.0	80.9	81.6	86.7	93.4	91.4	96.3	99.2	99.9	96.2	94.0	1971	97.3	92.3	91.3	92.7	92.0	94.4	98.0	95.4	99.1	100.3	102.5	103.7	105.7
1959	100.3	91.1	89.9	92.8	97.0	102.6	107.8	105.9	108.0	105.6	103.7	100.6	98.4	1972	108.0	102.6	103.8	104.7	105.1	105.2	109.7	105.3	110.7	110.9	112.3	112.9	113.1
1960	93.4	92.2	91.3	87.1	94.7	97.8	102.1	98.7	98.6	96.9	94.0	86.8	81.0	1973	112.7	107.6	111.2	112.9	110.9	111.0	115.6	109.1	115.1	114.6	115.1	114.2	115.2
1961	87.4	80.2	78.2	78.7	82.7	88.4	94.3	91.9	94.3	93.6	93.2	88.6	84.5	1974	105.3	110.3	107.8	108.3	105.6	107.5	110.8	104.0	108.9	107.1	103.9	96.8	92.9
1962	89.8	78.2	83.7	82.7	87.3	92.1	95.9	95.3	97.8	96.1	92.8	89.8	86.3	1975	86.0	81											

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 32—STONE, CLAY, AND GLASS PRODUCTS														SIC 33—PRIMARY METAL INDUSTRIES													
1947	87.7	86.5	85.1	87.1	88.0	86.6	88.4	85.3	88.1	88.3	89.7	89.5	89.8	1960	98.0	113.6	112.0	110.2	106.3	101.8	99.5	94.1	91.7	90.3	88.5	85.2	82.9
1948	88.8	84.8	83.9	87.6	88.7	89.7	90.4	86.7	92.0	90.6	92.2	89.7	89.1	1961	91.5	82.7	82.3	83.2	85.9	90.4	94.2	94.5	95.0	97.2	97.0	99.0	99.1
1949	79.8	83.3	82.8	81.2	79.1	79.4	78.3	75.3	79.2	79.4	80.4	79.4	80.0	1962	95.2	100.0	101.5	102.7	102.4	97.2	94.8	90.1	90.1	92.4	89.8	90.0	92.0
1950	88.3	76.9	78.2	79.3	82.3	86.0	88.7	88.1	93.6	93.3	98.3	98.2	96.5	1963	98.2	92.1	94.1	96.1	100.5	102.7	105.8	101.6	97.7	97.4	95.4	96.1	98.9
1951	95.5	94.5	93.7	96.8	98.2	97.6	97.6	95.3	96.5	95.7	95.9	92.3	91.6	1964	106.1	99.0	100.5	102.2	104.0	105.8	107.5	106.4	107.6	111.9	107.2	109.3	111.6
1952	89.5	87.3	87.7	88.1	87.7	88.1	89.3	85.4	90.4	91.6	93.9	92.7	92.5	1965	113.2	111.7	112.8	114.1	119.1	114.7	117.7	116.6	114.9	113.7	107.9	105.9	108.8
1953	91.6	89.0	90.3	92.4	92.6	92.6	93.5	91.1	93.4	92.0	93.2	90.6	88.6	1966	116.8	110.9	112.8	114.5	117.0	118.0	120.9	118.2	119.3	119.8	117.2	116.8	115.8
1954	85.5	82.6	84.0	84.5	83.9	84.1	84.6	83.7	86.4	87.0	88.3	88.4	87.9	1967	109.6	116.6	113.1	112.0	109.7	110.3	111.3	108.5	107.6	105.9	103.9	107.5	109.1
1955	93.3	85.4	86.3	89.5	91.0	93.5	95.7	93.1	96.9	98.0	97.7	96.6	96.0	1968	109.6	109.1	110.1	110.9	114.4	114.3	115.0	112.7	105.1	106.3	103.5	105.5	108.8
1956	94.6	92.3	92.1	93.3	95.2	96.2	96.9	93.8	96.2	94.5	96.3	94.9	93.9	1969	114.5	110.3	111.3	113.2	114.1	114.4	117.6	115.4	115.9	117.0	115.0	114.4	115.4
1957	90.5	89.6	89.6	90.2	90.5	91.7	92.3	88.2	92.4	92.9	91.7	89.8	86.7	1970	106.0	112.9	110.9	110.3	108.4	107.2	109.0	107.3	105.7	107.5	98.5	96.1	98.6
1958	83.2	81.4	77.6	77.6	78.1	80.5	83.7	84.4	87.8	90.0	86.8	86.8	84.1	1971	97.4	100.3	101.2	102.6	104.0	104.6	105.2	99.3	87.4	90.5	90.1	90.2	93.3
1959	93.0	81.6	82.3	87.9	93.4	96.0	99.3	98.4	98.5	97.2	95.2	93.6	92.1	1972	101.5	93.9	95.1	98.3	100.3	101.1	102.8	100.7	102.3	104.8	103.9	106.4	107.9
1960	90.7	87.5	87.6	86.2	91.1	93.8	95.4	94.4	95.1	93.4	92.6	88.8	82.1	1973	112.2	108.1	108.8	109.2	110.9	111.1	113.5	112.1	111.7	115.3	113.7	116.7	115.6
1961	86.8	79.1	77.4	80.2	83.4	87.5	91.2	91.2	93.5	92.9	91.4	89.5	84.8	1974	112.6	113.6	111.4	112.0	112.5	113.1	115.4	112.9	112.7	115.8	113.3	110.7	108.0
1962	88.9	79.1	81.2	82.6	87.8	91.5	93.6	93.6	95.2	94.3	93.2	90.5	84.5	1975	93.1	103.6	98.7	96.2	93.3	91.1	90.9	88.2	89.3	93.1	89.6	90.2	92.8
1963	91.0	81.4	80.5	83.7	89.3	93.6	96.2	96.5	97.3	95.9	95.4	93.7	88.8	1976	97.1	92.5	92.9	94.2	96.7	98.5	101.4	100.5	99.6	100.9	95.9	95.6	96.0
1964	93.7	83.5	86.5	88.7	92.7	95.6	97.8	97.7	99.0	97.9	96.8	95.4	92.4	1977	100.0	94.6	95.1	98.6	101.0	102.5	104.5	100.5	99.1	102.0	100.5	100.0	101.6
1965	96.3	88.8	88.8	90.8	93.4	96.8	98.6	99.6	101.1	101.1	99.7	99.1	97.2	1978	104.9	100.3	101.2	101.4	102.6	104.0	106.4	104.4	104.8	107.8	106.9	108.7	110.3
1966	98.8	93.9	93.2	96.5	99.2	100.7	102.9	102.3	103.2	101.4	99.7	97.8	94.8	1979	107.3	109.4	109.2	109.5	109.8	108.7	110.9	108.2	105.5	107.1	104.2	102.9	102.3
1967	94.5	91.2	88.7	90.8	92.6	93.7	96.8	96.8	98.4	97.3	96.4	97.0	94.7	1980	92.7	101.6	101.2	101.1	99.7	92.0	87.7	81.6	82.9	87.2	88.5	92.6	95.7
1968	96.8	88.8	84.6	83.4	96.9	98.5	101.8	101.4	103.1	102.6	101.8	99.7	99.0	1981	94.8	93.9	95.2										
1969	100.4	94.9	95.3	97.5	99.4	100.7	103.9	102.2	104.5	103.8	102.1	100.9	99.3	SIC 34—FABRICATED METAL PRODUCTS													
1970	96.0	92.7	92.9	94.6	96.1	95.9	98.5	97.5	98.9	98.8	96.7	95.1	94.2	1947	73.2	74.7	74.1	74.8	74.2	72.9	72.2	69.5	69.6	72.8	73.6	73.5	76.0
1971	97.0	89.2	89.6	92.3	94.5	97.3	101.0	99.7	101.6	101.1	100.7	99.9	97.3	1948	71.4	74.0	72.8	72.6	71.1	70.4	69.1	68.6	70.8	70.3	72.7	72.2	71.9
1972	104.1	95.0	95.6	98.8	101.2	104.0	108.3	107.3	109.4	108.8	109.5	106.9	104.1	1949	61.4	67.9	66.0	63.7	60.5	59.1	59.1	58.4	60.2	62.7	59.7	57.8	62.2
1973	109.9	98.6	102.1	105.9	108.2	110.8	114.2	113.0	114.5	114.3	114.1	112.5	110.7	1950	72.8	62.5	63.2	64.4	66.4	68.5	72.6	72.3	77.9	80.1	81.9	81.4	82.9
1974	106.8	103.3	104.5	106.3	106.0	109.3	111.8	110.8	111.5	109.1	107.5	103.3	97.8	1951	80.7	82.0	82.0	83.1	83.3	81.9	81.8	77.6	78.8	79.2	79.4	78.6	80.9
1975	91.8	89.2	86.4	85.9	88.3	90.8	93.0	92.7	95.7	96.1	96.0	94.4	92.6	1952	80.1	80.1	80.2	80.0	78.4	78.6	74.1	68.7	76.5	82.5	85.5	86.7	90.4
1976	96.0	88.4	88.7	90.2	94.2	97.7	100.3	98.9	99.9	99.6	99.7	98.3	95.5	1953	88.4	89.5	90.1	91.5	91.2	90.9	91.0	87.8	88.4	86.6	86.6	84.1	82.6
1977	100.0	88.0	88.4	94.2	98.8	102.0	105.7	104.2	105.2	103.6	103.3	104.5	102.2	1954	77.1	80.9	79.4	77.8	76.1	76.7	76.5	73.4	75.2	75.5	76.6	78.4	79.3
1978	104.9	93.4	94.9	99.9	104.2	106.4	110.3	108.4	108.7	108.3	108.9	108.3	106.8	1955	82.7	77.7	78.6	80.6	81.0	82.9	82.8	81.0	82.9	84.9	86.6	86.7	86.6
1979	105.5	98.7	98.7	104.2	103.9	107.8	111.0	108.1	108.6	107.7	107.3	105.7	103.5	1956	82.2	83.3	82.6	81.9	82.6	80.8	80.6	74.8	79.3	83.0	85.7	84.7	86.2
1980	95.6	96.0	95.4	97.5	96.1	95.3	95.6	92.1	94.4	96.2	96.4	97.1	95.0	1957	82.5	83.4	83.8	83.6	82.8	82.3	83.1	80.8	82.1	83.0	82.7	82.3	80.4
1981	89.2	86.7	90.5											1958	72.7	76.0	72.4	71.0	68.6	68.4	70.4	69.7	72.0	75.5	73.3	77.1	77.6
														1959	78.4	76.2	75.7	77.6	79.1	80.9	82.9	79.9	77.9	79.8	76.4	74.1	80.2
SIC 33—PRIMARY METAL INDUSTRIES														1960	78.0	81.0	80.5	79.6	77.4	78.8	79.7	76.8	78.1	78.6	78.0	75.3	72.1
1947	112.1	112.5	112.6	114.0	114.1	112.1	113.6	107.4	109.8	110.5	112.0	112.5	114.3	1961	74.1	70.7	68.8	68.9	70.5	73.6	75.4	73.5	76.2	75.2	77.7	79.1	78.8
1948	113.4	113.8	113.2	114.8	110.6	112.1	112.5	110.1	113.2	113.1	115.9	115.5	115.6	1962	79.2	75.9	76.3	77.5	78.7	79.9	81.4	78.4	79.4	81.5	81.0	80.3	80.0
1949	93.6	113.7	111.7	107.7	102.6	97.8	94.8	89.4	90.8	91.6	54.8	70.6	97.7	1963	81.4	78.4	77.7	78.1	78.6	81.4	83.0	80.6	82.1	84.6	84.6	83.4	83.8
1950	110.7	98.6	100.3	98.8	105.1	107.3	110.5	110.6	115.0	1																	

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Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 34—FABRICATED METAL PRODUCTS														SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT													
1971	92.9	92.1	90.5	89.7	90.3	93.1	94.5	91.4	92.9	93.9	94.5	95.3	96.6	1947	64.0	67.2	66.3	67.0	63.2	61.5	62.5	60.7	60.3	62.9	64.7	65.2	66.2
1972	100.0	93.1	94.4	96.3	97.5	98.8	101.7	97.7	100.7	103.4	103.7	105.4	107.3	1948	59.8	64.3	63.4	62.2	59.8	58.1	58.4	56.7	57.7	58.8	59.5	59.9	59.2
1973	108.2	104.0	106.3	106.9	107.1	107.9	110.3	106.5	107.9	109.4	109.7	110.8	111.4	1949	49.4	56.1	54.5	52.0	48.9	46.9	45.5	43.8	44.9	48.1	50.4	49.7	51.8
1974	104.5	105.7	105.0	105.5	101.3	105.8	107.7	103.9	105.6	107.1	105.1	102.1	99.6	1950	62.1	52.5	54.1	55.1	57.1	59.0	59.0	59.8	64.2	66.8	71.9	72.3	72.7
1975	89.0	91.0	88.0	87.0	87.2	87.2	88.4	83.1	88.5	91.4	91.4	91.5	93.0	1951	70.4	71.0	71.3	72.1	71.4	70.1	69.6	65.8	67.7	70.1	70.5	72.1	73.3
1976	94.6	90.5	90.9	92.4	90.5	95.1	96.7	93.6	95.9	97.6	96.4	97.5	98.2	1952	74.8	73.4	73.2	73.0	71.0	70.6	70.9	67.5	71.8	77.5	80.4	82.4	85.6
1977	100.0	93.5	94.7	96.7	96.7	99.2	102.4	98.3	101.0	102.9	103.8	104.5	106.4	1953	84.2	85.6	86.6	88.2	87.9	86.0	85.1	81.8	83.7	83.9	83.0	81.0	78.2
1978	106.1	100.5	101.5	104.3	105.4	106.0	107.5	103.3	105.4	108.2	108.5	110.0	112.5	1954	70.1	74.1	73.7	71.8	69.6	68.2	66.8	65.0	67.1	69.3	71.0	72.6	72.1
1979	107.8	108.0	108.3	109.4	102.9	108.1	110.4	105.5	105.7	108.2	108.4	108.4	109.9	1955	74.6	71.0	71.7	72.1	72.4	73.3	73.5	70.5	73.7	75.7	80.9	79.9	80.0
1980	98.1	104.2	103.7	104.5	100.8	96.2	95.1	88.6	92.5	95.9	96.8	98.6	100.2	1956	78.7	77.4	76.3	76.0	79.5	78.3	77.5	75.2	77.7	80.1	82.2	82.2	81.5
1981	96.1	94.9	96.9											1957	75.9	78.6	78.4	77.3	75.5	74.5	75.6	73.7	75.8	77.6	75.6	74.8	72.9
SIC 35—MACHINERY, EXCEPT ELECTRICAL														SIC 37—TRANSPORTATION EQUIPMENT													
1947	76.5	77.1	77.6	78.1	78.4	77.3	76.3	73.1	73.5	75.2	76.0	76.1	78.7	1960	77.9	82.0	80.5	79.7	76.9	77.5	77.8	75.6	77.5	79.3	76.5	77.5	74.0
1948	75.1	77.8	77.5	77.8	75.3	75.2	76.2	73.2	73.8	73.5	74.1	73.4	73.6	1961	77.0	74.9	74.3	73.7	73.8	74.9	76.2	74.4	77.6	78.0	80.8	82.5	83.0
1949	60.3	71.0	69.5	67.3	63.5	60.8	58.6	56.2	55.6	56.3	55.3	53.6	56.2	1962	83.3	81.0	81.4	82.0	82.4	82.9	84.3	82.3	83.1	85.7	85.2	84.8	84.5
1950	65.9	56.7	58.8	60.4	62.2	63.7	64.8	65.1	68.0	67.5	72.0	74.2	77.5	1963	81.4	82.5	81.2	80.3	79.3	80.6	81.9	79.7	80.5	82.9	83.3	82.2	82.7
1951	83.2	79.1	80.9	82.7	83.8	83.8	84.5	82.6	81.0	82.6	84.6	85.1	87.9	1964	82.0	80.0	79.7	79.3	79.4	79.2	80.3	80.1	81.9	84.3	85.4	86.4	88.0
1952	84.7	88.4	87.9	87.8	86.7	86.1	85.6	79.5	78.6	80.9	82.2	84.2	88.8	1965	91.2	86.0	86.6	87.6	86.3	88.7	90.7	88.6	90.7	93.6	96.4	98.3	101.4
1953	85.0	88.4	88.8	90.3	88.8	87.4	86.8	83.5	82.2	81.7	81.5	79.9	80.5	1966	106.4	100.0	101.6	101.6	103.3	104.7	107.3	103.6	108.4	111.1	112.0	111.6	111.1
1954	72.2	78.4	78.0	76.5	74.4	73.3	72.3	69.2	68.3	68.6	68.3	68.5	70.2	1967	103.7	108.6	105.5	104.5	100.6	100.5	99.4	99.2	103.0	102.8	105.0	106.9	107.9
1955	76.0	70.4	71.7	73.6	75.2	76.8	77.3	74.7	75.0	75.4	78.6	80.0	83.1	1968	103.8	104.1	104.2	103.0	99.7	102.3	104.0	100.6	103.6	106.0	105.5	106.2	106.9
1956	83.1	83.2	83.5	83.4	84.7	83.3	83.0	81.0	81.2	82.9	82.7	82.6	85.6	1969	106.1	105.3	104.2	106.0	105.4	106.5	108.2	104.8	107.8	110.0	110.4	101.9	102.4
1957	79.5	85.0	85.7	85.5	83.7	82.1	81.1	78.3	76.4	77.0	74.9	72.3	72.2	1970	98.5	99.2	102.6	103.2	100.5	98.8	100.0	98.2	98.4	97.6	95.8	93.3	94.6
1958	63.7	69.5	67.2	66.4	64.8	63.0	62.6	60.6	60.2	62.1	61.4	62.1	64.6	1971	92.1	91.5	89.7	90.2	89.3	90.8	92.1	89.4	91.9	94.0	94.4	95.8	96.8
1959	72.2	66.1	68.5	70.7	72.0	74.2	75.6	73.4	72.3	73.7	72.6	71.9	74.9	1972	98.7	93.5	94.6	95.2	95.8	96.3	98.9	95.7	98.5	101.5	103.1	105.2	106.5
1960	72.0	74.9	75.2	76.0	74.8	74.9	74.6	72.2	70.2	69.2	67.9	67.2	66.5	1973	108.9	103.9	105.6	106.2	106.2	107.3	109.5	106.6	108.7	112.1	112.2	114.1	114.3
1961	67.7	66.7	67.1	66.8	67.8	68.0	68.3	67.1	66.8	67.7	67.9	68.1	70.6	1974	105.2	109.4	108.1	107.4	103.9	107.3	109.2	104.9	102.8	106.7	104.9	100.9	97.1
1962	73.3	69.9	71.6	73.3	74.5	74.6	75.3	73.6	73.2	73.6	73.4	73.0	73.8	1975	86.5	90.4	85.3	84.4	83.4	82.8	84.5	81.9	85.2	88.7	89.4	90.0	92.5
1963	75.0	73.9	74.1	74.7	74.4	75.0	75.8	73.9	74.0	75.4	75.2	75.4	77.8	1976	93.2	89.9	90.2	91.4	89.9	93.3	94.5	90.8	93.2	94.9	95.5	96.9	97.4
1964	80.5	77.0	77.7	79.6	80.4	81.0	82.0	80.3	80.1	81.2	80.1	81.6	85.1	1977	100.0	92.6	96.1	96.4	97.1	98.8	101.8	97.8	100.7	103.5	103.5	105.1	106.6
1965	88.8	84.8	85.8	87.5	86.1	88.2	89.5	88.4	87.4	89.4	90.6	92.1	95.2	1978	106.5	100.8	101.9	104.5	104.3	104.7	106.9	104.6	106.6	109.0	109.5	111.6	113.5
1966	99.7	95.0	97.4	98.5	98.6	100.0	101.4	98.9	99.9	101.4	101.0	101.0	103.5	1979	112.1	110.5	111.5	112.9	107.6	111.8	114.4	110.0	108.6	113.5	113.5	114.6	116.5
1967	98.7	102.8	101.5	101.9	100.7	99.2	99.1	96.8	96.8	97.5	94.0	97.2	96.9	1980	106.6	112.4	111.5	111.3	109.2	105.4	103.6	98.2	101.0	104.1	105.2	107.7	110.0
1968	95.6	95.6	97.0	97.5	93.6	95.8	96.6	93.6	93.1	95.4	95.3	96.8	97.6	1981	106.9	106.9	105.7	107.7									
1969	99.5	98.1	99.1	100.5	100.2	99.7	101.1	97.5	97.2	100.2	99.6	98.5	101.8	SIC 37—TRANSPORTATION EQUIPMENT													
1970	92.1	99.7	99.7	100.3	97.3	94.4	94.1	91.0	88.3	87.7	84.9	83.9	84.5	1947	75.1	76.3	76.9	78.1	78.1	73.9	76.4	70.2	68.5	72.9	74.2	74.9	80.6
1971	81.3	82.3	82.0	82.0	80.4	80.5	81.0	79.5	79.2	81.5	81.2	82.1	84.3	1948	73.7	78.4	71.7	76.7	75.4	69.2	70.6	73.0	71.4	71.2	75.1	74.6	76.7
1972	88.9	82.6	84.5	85.3	86.5	87.5	89.8	87.2	87.9	91.0	92.1	94.2	98.1	1949	70.3	75.6	74.1	71.7	71.3	66.4	71.4	73.5	71.9	74.0	69.8	60.7	63.1
1973	101.7	96.2	98.3	99.6	99.9	100.9	102.3	99.5	100.7	104.3	104.0	105.2	109.8	1950	77.5	71.6	62.6	63.9	67.2	77.5	81.8	80.3	84.9	84.0	86.0	82.9	87.4
1974	105.8	106.2	106.3	107.4	101.9	105.8	107.9	102.6	104.3	107.2	106.9	106.2	106.5	1951	92.0	85.9	91.5	94.2	92.7	92.5	91.9	89.0	91.0	92.5	92.1	93.9	96.5
1975	92.6	100.9	98.4	96.4	94.6	91.1	90.7	86.3	87.5	90.8	90.1	91.0	93.4	1952	104.1	96.8	98.2	99.8	100.2	103.4	104.0	90.0	94.6	109.3	114.9	116.4	121.7
1976	93.4	91.4	92.0	92.5	90.2	92.8	94.0	91.9	92.7	95.2	93.1	96.4	98.6	1953	120.6	121.3	124.0	126.6	126.2	124.0	123.1	121.3	120.9	116.3	117.1	111.2	11

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 37—TRANSPORTATION EQUIPMENT														SIC 38—INSTRUMENTS AND RELATED PRODUCTS													
1960	85.0	94.5	91.9	89.5	85.5	87.1	82.8	80.6	74.8	82.8	85.7	83.7	81.4	1971	76.8	76.9	75.5	75.6	74.6	75.5	76.6	75.5	76.3	77.9	78.3	79.3	79.6
1961	76.7	75.9	72.8	73.4	74.6	77.9	78.1	76.6	70.6	69.7	76.9	87.0	87.1	1972	83.2	77.5	78.5	79.2	80.5	81.6	84.2	82.7	84.5	86.1	86.6	88.5	89.0
1962	84.8	82.2	82.0	82.8	83.5	85.4	85.2	84.1	74.6	86.9	89.0	90.5	91.5	1973	93.2	87.8	89.2	90.3	89.2	91.8	93.0	91.6	94.0	96.2	96.7	98.9	99.6
1963	88.5	89.2	87.6	87.6	87.3	89.5	89.5	87.1	75.9	88.8	92.3	93.1	94.1	1974	98.1	96.9	98.2	98.5	96.5	99.1	100.6	96.7	99.7	99.7	98.2	97.3	95.4
1964	88.8	89.8	89.2	89.2	90.6	90.5	90.5	86.5	79.7	93.1	73.9	93.3	98.9	1975	85.9	90.0	86.8	84.5	83.9	83.4	84.2	82.3	84.0	86.2	86.7	88.9	89.9
1965	99.5	97.5	96.2	98.3	96.8	99.9	100.0	95.8	88.7	99.3	104.7	107.6	109.1	1976	93.1	88.3	88.7	89.8	89.7	93.7	94.8	93.1	93.9	94.3	95.0	96.7	98.8
1966	108.8	107.1	107.9	108.5	109.5	108.8	108.9	102.3	96.7	111.8	114.4	115.1	114.5	1977	100.0	95.3	98.5	98.5	98.3	99.8	101.5	98.3	99.4	101.2	101.8	102.9	104.4
1967	106.0	109.1	105.3	105.4	104.2	108.2	107.9	99.8	99.0	104.7	104.7	107.9	115.6	1978	107.2	100.7	102.2	104.9	105.4	105.8	108.5	106.3	108.2	109.5	109.5	112.0	113.6
1968	112.7	112.6	111.0	113.2	108.9	115.1	114.8	111.3	98.7	115.5	117.4	117.8	116.5	1979	112.7	111.0	112.5	113.5	110.2	112.4	114.1	111.0	111.6	112.5	112.9	114.4	116.1
1969	110.2	112.7	110.2	111.6	109.3	108.5	111.9	106.8	106.1	114.1	112.3	108.7	110.1	1980	112.3	114.1	113.9	114.5	113.0	112.0	112.8	108.4	109.7	110.0	110.8	113.4	114.7
1970	90.8	101.5	93.4	99.3	95.2	96.2	98.5	89.9	85.1	94.1	72.0	71.4	92.5	1981		112.3	111.4	112.0									
1971	89.6	92.5	90.4	90.7	86.7	91.4	92.4	82.6	83.5	87.7	91.0	91.7	94.7	SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													
1972	94.2	89.8	91.1	92.9	94.8	95.2	95.1	81.9	87.7	98.0	97.9	100.9	105.7	1947	114.7	118.4	118.1	118.2	115.1	110.8	107.8	102.4	107.2	114.5	119.7	122.2	122.1
1973	102.7	100.9	103.3	101.9	104.1	104.1	105.4	101.3	94.0	104.6	103.9	104.0	105.2	1948	113.9	113.8	116.5	116.3	113.2	111.4	111.3	105.1	113.9	116.4	119.4	118.2	111.3
1974	93.8	93.0	89.7	89.1	88.5	95.4	96.1	92.5	91.2	100.2	100.9	96.5	92.8	1949	99.8	103.3	104.8	99.9	93.6	91.8	92.8	86.5	95.4	104.8	110.8	110.1	103.5
1975	85.0	82.7	77.6	80.2	81.7	84.3	86.0	83.0	82.5	89.6	87.8	88.9	95.7	1950	107.9	95.3	98.0	98.7	99.0	99.2	101.6	98.3	114.2	121.1	126.5	124.3	118.6
1976	93.9	90.3	90.5	93.6	90.8	97.1	98.2	90.2	90.5	95.5	91.5	98.0	99.9	1951	108.1	114.1	118.7	118.8	115.3	110.0	107.8	100.5	101.9	102.3	103.1	102.5	102.4
1977	100.0	94.4	92.4	97.3	98.8	101.8	103.9	99.4	93.7	104.1	103.3	102.6	108.1	1952	104.2	98.9	100.8	101.0	98.0	97.6	98.7	94.6	103.2	110.8	115.6	116.9	114.1
1978	106.3	99.1	96.8	102.6	104.9	106.2	106.7	103.6	98.7	110.7	112.2	114.7	119.8	1953	111.3	108.1	110.5	113.2	112.6	111.8	111.5	105.6	112.3	112.9	116.5	113.1	107.8
1979	106.8	112.0	111.3	113.4	101.3	111.8	109.4	104.0	95.6	104.6	105.7	102.2	109.7	1954	99.5	98.4	102.5	100.7	96.6	95.8	96.7	92.4	98.8	102.7	105.7	104.4	99.6
1980	89.9	95.1	96.1	97.9	88.5	85.1	85.8	82.0	81.1	87.5	90.6	94.0	95.3	1955	102.5	94.9	98.8	100.5	99.0	100.6	102.3	97.2	103.3	107.5	110.4	109.2	106.4
1981	89.4	85.8	90.2											1956	102.6	100.0	102.7	101.6	101.0	100.6	101.2	95.9	104.0	106.9	109.6	106.3	101.5
SIC 38—INSTRUMENTS AND RELATED PRODUCTS														1957	96.3	92.7	94.7	95.3	94.6	94.5	95.7	90.7	99.3	103.8	102.7	99.5	91.9
1947	63.6	65.6	65.9	66.5	65.2	64.3	64.2	59.2	60.8	62.0	62.6	62.9	63.6	1958	90.5	85.6	86.9	87.2	86.8	86.9	89.4	86.3	92.0	97.4	99.4	96.7	90.9
1948	60.9	62.9	62.9	62.9	61.4	60.0	60.5	58.2	60.2	61.0	60.6	60.0	59.9	1959	96.2	87.4	89.8	91.6	92.8	94.5	96.1	94.0	99.9	104.3	105.6	103.0	95.7
1949	52.7	57.5	55.7	55.0	53.7	52.7	51.5	50.0	49.4	50.9	51.8	52.3	52.5	1960	95.2	89.5	91.7	94.5	93.3	96.1	98.8	93.4	99.8	100.4	102.0	97.0	86.4
1950	58.3	51.6	52.2	52.3	53.1	54.1	55.6	55.6	59.2	64.2	66.2	67.7	68.5	1961	92.5	83.5	85.8	86.1	87.4	89.9	94.1	89.7	95.3	99.1	102.3	101.8	94.4
1951	71.3	67.0	68.6	69.7	70.9	70.8	71.1	69.8	71.4	72.7	73.7	75.1	75.6	1962	95.9	86.6	88.7	92.1	94.5	96.3	98.5	94.7	99.8	103.2	103.5	100.0	92.5
1952	77.7	75.5	75.4	75.9	75.7	75.6	75.5	72.8	76.4	79.8	81.5	83.1	85.1	1963	94.7	86.3	88.5	90.5	90.2	93.4	95.1	92.4	99.6	102.5	103.3	100.5	93.6
1953	84.4	83.7	83.8	85.7	84.6	85.5	86.0	83.0	83.5	84.4	84.5	84.2	83.4	1964	96.9	84.9	90.4	92.0	93.0	94.3	97.9	94.1	100.8	102.8	107.1	105.6	99.4
1954	72.4	79.0	78.1	76.1	73.0	71.1	70.2	68.2	68.6	70.7	71.0	71.6	71.9	1965	103.2	91.9	95.4	97.9	97.6	99.8	101.9	98.5	107.9	110.5	114.8	113.9	108.0
1955	72.8	71.2	71.6	72.3	71.6	69.8	72.9	71.2	72.3	74.3	75.4	75.4	75.4	1966	106.6	95.4	100.5	103.2	103.7	106.7	109.0	102.1	111.4	112.6	115.3	114.3	105.3
1956	74.6	74.1	74.3	73.8	74.9	74.2	73.6	72.5	74.3	75.6	76.3	76.0	76.1	1967	102.8	98.9	97.4	99.5	100.7	101.7	103.5	98.1	105.6	107.9	109.8	109.3	100.9
1957	72.5	74.6	74.8	74.4	73.7	71.8	72.1	70.5	71.9	72.7	71.4	71.3	70.2	1968	103.2	94.4	98.4	99.6	96.1	101.6	104.3	99.5	107.3	109.5	112.2	111.4	104.1
1958	65.0	68.3	66.1	64.8	64.1	62.4	62.8	61.5	62.6	65.5	66.0	67.6	68.4	1969	103.5	96.9	94.6	100.7	101.6	102.4	105.3	100.4	106.9	108.2	110.9	108.7	105.5
1959	71.9	68.1	68.9	69.3	69.6	70.6	72.6	71.5	72.7	74.4	74.9	74.7	75.4	1970	98.0	96.9	97.4	98.5	97.4	97.2	98.8	94.2	100.0	100.2	101.0	99.7	94.8
1960	71.9	73.9	73.4	74.3	72.5	72.8	72.9	71.0	71.9	71.3	70.7	70.7	67.6	1971	95.1	88.2	88.2	90.7	91.3	93.5	95.6	92.4	99.3	100.8	102.7	101.8	97.1
1961	69.6	68.8	67.3	67.3	67.2	68.1	69.4	68.1	70.2	71.5	71.8	72.9	72.6	1972	103.3	93.1	97.2	99.1	100.5	100.7	104.6	98.5	107.2	108.8	111.5	112.4	106.4
1962	72.0	71.1	70.8	71.2	71.8	71.7	72.5	71.0	72.7	72.6	72.6	73.2	72.8	1973	107.2	99.1	103.4	105.2	105.5	106.2	108.1	103.5	109.5	111.6	113.0	113.4	107.6
1963	71.8	71.4	71.2	71.1	70.6	71.2	72.3	71.2	72.1	72.8	72.6	72.5	72.4	1974	105.4	100.7	103.4	106.2	102.7	107.8	110.3	105.0	110.5	109.8	109.2	104.3	94.8
1964	71.4	69.3	70.3	70.0	70.1	70.0	71.6	70.6	72.0	72.9	72.4	73.9	74.2	1975	92.1	87.0	86.0	85.7	86.9	88.1	91.1	88.3	95.4</				

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 20-23,26-31—NONDURABLE GOODS														SIC 20—FOOD AND KINDRED PRODUCTS													
1947	107.4	107.7	106.9	105.9	103.3	102.4	102.9	104.6	109.2	112.6	111.3	110.3	111.7	1960	106.6	100.8	97.0	96.7	98.8	101.4	106.0	111.8	118.5	121.9	116.2	107.3	102.1
1948	106.5	108.2	107.2	106.8	102.6	102.4	106.0	106.0	109.3	111.7	107.6	105.5	104.1	1961	104.9	97.8	95.6	96.0	96.2	99.1	105.3	109.3	116.9	118.9	114.1	107.7	101.9
1949	99.0	99.4	99.2	97.7	93.4	93.1	95.0	95.9	101.9	105.2	104.8	101.1	100.9	1962	104.0	96.0	93.7	94.0	96.9	99.2	104.2	110.5	115.5	119.2	111.5	105.5	101.9
1950	103.6	99.0	99.2	99.0	96.1	96.7	99.8	102.5	110.8	111.9	110.9	108.6	108.5	1963	103.0	96.2	93.4	94.8	93.8	97.3	102.2	107.1	114.9	117.4	112.6	104.8	101.4
1951	104.5	106.9	107.2	106.0	103.6	101.4	103.4	103.4	105.7	107.0	103.6	101.9	103.5	1964	102.3	95.3	93.6	93.1	94.3	97.0	100.8	105.4	113.4	115.2	110.7	105.8	102.6
1952	103.4	100.8	100.9	100.3	96.9	96.4	100.5	101.7	107.5	110.8	109.3	107.8	108.0	1965	102.6	96.9	93.6	94.0	92.6	96.3	100.9	107.3	113.7	114.3	111.5	107.9	102.8
1953	104.7	104.6	104.7	105.5	103.0	102.9	104.8	105.2	108.6	107.6	105.7	102.7	101.4	1966	104.6	97.2	96.3	95.9	95.8	97.6	103.5	109.7	117.1	117.2	111.9	108.4	104.6
1954	98.6	96.9	97.6	97.5	94.1	94.5	97.0	97.1	101.6	103.2	101.4	100.8	100.8	1967	104.6	99.2	96.4	97.1	96.1	98.8	104.5	108.3	112.6	118.2	112.2	107.7	104.1
1955	102.6	98.1	99.0	100.0	97.8	99.2	102.0	101.5	106.4	107.6	107.4	106.2	105.8	1968	104.7	96.7	94.8	95.3	94.7	98.4	105.6	108.8	118.0	118.4	113.0	107.1	105.3
1956	102.3	102.4	102.4	101.6	99.5	98.9	100.4	100.0	105.2	106.6	105.4	102.6	102.3	1969	105.6	98.8	97.2	97.8	97.2	99.3	104.7	108.9	119.0	119.4	110.8	109.0	105.4
1957	99.0	98.8	98.7	98.4	96.7	96.4	98.3	99.1	102.6	103.8	100.5	97.9	97.3	1970	105.3	100.3	98.8	98.8	97.3	100.0	104.7	107.8	117.8	115.9	111.0	107.1	104.3
1958	94.2	93.4	92.0	90.4	88.6	89.5	92.5	93.5	98.4	99.6	98.4	97.5	97.0	1971	104.5	99.3	97.2	96.8	96.3	98.8	104.1	108.3	116.7	117.4	108.8	106.2	104.1
1959	98.8	95.1	95.4	96.2	95.6	96.6	99.0	99.3	103.8	104.1	101.3	100.3	99.6	1972	103.9	98.2	96.0	97.5	97.1	98.6	105.4	108.1	115.5	115.6	109.3	104.2	101.6
1960	97.3	96.9	96.2	95.9	94.9	96.7	98.4	98.4	101.5	100.7	99.1	96.3	92.2	1973	101.6	95.6	94.7	94.7	93.4	95.6	100.0	103.7	111.0	112.9	108.0	105.7	103.4
1961	95.8	91.4	91.4	92.2	92.0	92.9	96.2	96.3	100.7	100.1	100.1	99.2	97.7	1974	101.3	98.3	95.9	96.5	93.2	97.1	100.8	103.2	112.4	113.1	106.1	100.9	97.6
1962	98.2	94.2	94.8	96.0	96.6	96.9	99.3	98.9	102.2	103.0	100.2	98.7	97.3	1975	97.3	90.8	88.3	89.3	88.3	90.6	95.4	99.2	109.9	111.2	104.7	100.6	98.8
1963	97.6	94.2	94.2	95.3	94.1	96.1	97.9	97.8	101.8	102.0	101.1	98.3	97.7	1976	99.8	94.8	93.1	92.0	91.5	94.8	99.0	103.4	111.3	112.2	105.3	101.5	98.4
1964	98.4	93.1	95.3	95.6	95.3	96.6	98.6	98.3	102.7	102.2	102.0	100.8	100.5	1977	100.0	93.1	93.8	94.0	94.0	95.2	100.5	102.7	110.5	111.4	103.8	101.5	99.5
1965	101.9	97.6	98.2	99.5	97.5	99.4	101.8	101.8	105.7	106.0	105.5	105.0	104.3	1978	100.5	94.0	93.5	95.3	94.6	95.4	99.6	102.6	109.5	110.7	105.1	103.2	102.2
1966	105.9	100.8	102.8	103.5	102.7	104.3	107.2	106.0	110.5	109.6	108.9	108.0	106.7	1979	102.2	97.1	95.0	96.9	94.6	97.3	101.7	104.2	111.7	113.4	107.6	104.5	102.6
1967	105.0	103.7	102.2	102.6	101.9	101.8	104.5	103.4	108.0	109.2	108.0	107.7	106.7	1980	100.5	96.9	94.8	94.6	93.0	95.8	98.4	102.2	111.9	111.6	105.1	102.2	100.2
1968	107.2	101.3	104.1	104.4	101.9	105.4	108.8	107.1	111.7	112.1	111.0	109.4	109.1	1981		96.1	94.0	93.2									
1969	107.8	103.7	103.7	106.4	105.4	106.4	109.4	107.8	112.0	111.4	109.4	109.1	108.5	SIC 21—TOBACCO MANUFACTURES													
1970	104.3	104.7	104.4	104.5	103.0	102.2	105.1	104.0	107.2	105.7	104.2	103.5	102.9	1947	198.7	213.8	197.9	185.4	169.3	157.7	170.8	177.1	211.3	238.9	237.6	219.2	205.2
1971	102.9	99.9	99.5	100.2	100.0	101.4	103.8	102.2	106.2	106.7	105.1	105.3	104.8	1948	189.2	188.9	179.5	175.5	173.9	168.1	169.4	164.6	210.2	220.9	230.4	196.8	192.2
1972	103.6	99.1	99.8	101.0	101.3	101.6	105.1	102.5	107.1	107.6	106.4	106.4	105.5	1949	174.5	172.0	164.7	159.4	147.9	151.3	161.5	156.9	203.7	217.1	196.8	181.6	181.0
1973	105.3	100.5	102.8	104.0	103.6	103.6	106.3	104.0	108.2	108.7	107.4	107.7	106.8	1950	167.4	180.6	152.2	146.6	138.6	143.7	146.9	147.7	186.2	215.3	202.4	171.5	177.5
1974	101.7	102.6	102.5	102.4	99.5	102.1	104.3	102.0	105.7	105.0	102.0	98.5	94.5	1951	171.1	170.5	158.0	145.9	142.4	137.3	144.9	141.1	189.6	221.8	219.7	191.3	190.6
1975	92.7	88.4	86.0	85.9	86.6	88.6	92.1	91.5	97.6	99.4	99.0	98.7	99.1	1952	173.0	176.2	156.2	145.8	132.2	146.2	149.5	147.5	197.2	218.1	219.0	192.6	195.2
1976	98.1	96.4	96.6	97.2	95.5	97.0	98.8	97.1	100.0	101.6	99.7	99.2	98.7	1953	168.9	177.3	157.9	149.7	143.3	142.0	142.4	144.8	191.6	205.4	201.3	180.0	191.2
1977	100.0	94.2	96.7	97.7	97.9	99.2	102.2	99.3	102.9	103.6	102.3	102.1	101.8	1954	165.8	164.0	149.6	139.8	136.8	140.8	146.0	145.8	184.7	206.6	214.0	178.9	182.7
1978	101.7	96.3	97.7	100.4	100.4	100.8	103.5	100.8	104.2	105.0	103.3	103.9	103.7	1955	169.2	163.2	154.3	145.3	134.8	144.3	148.9	140.5	197.0	219.5	221.6	181.7	178.9
1979	101.9	100.0	99.9	101.3	98.3	101.0	103.4	101.1	104.1	104.7	103.4	103.0	102.6	1956	161.9	163.8	148.5	139.2	136.1	139.9	142.0	136.1	180.9	207.8	195.7	176.9	176.3
1980	98.3	99.1	98.1	98.3	97.3	96.9	97.4	94.2	99.4	100.3	99.5	99.5	99.9	1957	151.8	162.9	153.2	136.6	126.8	133.0	132.6	131.0	166.7	189.9	174.0	153.1	162.1
1981		96.8	96.4	97.1										1958	152.3	158.8	144.5	131.6	126.5	127.9	132.5	131.0	166.8	193.6	185.4	163.4	165.6
														1959	151.9	149.9	141.2	130.8	125.6	127.8	130.7	128.6	180.4	203.8	187.5	154.9	161.0
SIC 20—FOOD AND KINDRED PRODUCTS														1960	147.5	150.2	137.9	123.1	122.2	127.4	130.5	127.0	152.2	198.9	192.4	154.1	154.2
1947	130.0	122.7	116.7	115.4	116.0	119.3	125.3	136.9	150.0	154.1	139.6	133.0	130.6	1961	143.8	142.4	133.4	124.0	121.9	119.0	124.5	116.3	163.9	202.3	180.4	146.1	151.4
1948	125.5	119.8	115.7	114.3	108.5	112.6	126.7	136.1	136.3	151.7	135.9	126.6	121.7	1962	140.8	133.8	131.0	121.9	117.1	116.0	116.0	113.4	157				

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 21—TOBACCO MANUFACTURES														SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													
1971	111.1	118.5	106.9	100.7	99.0	101.0	99.4	92.7	120.8	136.4	123.4	119.2	115.0	1947	93.8	95.5	97.9	97.0	89.6	87.0	87.2	86.5	91.7	94.7	99.7	97.4	100.6
1972	108.5	106.8	101.6	100.2	97.2	96.8	100.4	96.8	120.4	122.0	122.5	116.5	120.8	1948	95.6	99.5	100.5	100.5	93.5	91.1	91.7	89.3	97.7	98.4	94.5	96.2	93.9
1973	116.0	104.2	105.8	104.7	103.6	101.9	105.6	97.6	131.4	133.3	138.0	136.7	129.5	1949	92.7	90.7	96.9	96.8	87.9	86.0	86.1	84.5	94.3	101.2	100.4	93.2	95.1
1974	113.2	119.6	111.7	103.1	103.2	101.6	97.5	97.6	124.3	131.2	130.6	119.6	118.5	1950	96.6	95.0	99.9	98.6	90.1	88.7	88.9	90.6	104.6	100.1	104.4	99.3	99.4
1975	110.5	110.8	104.2	99.9	93.8	89.6	98.1	91.5	122.1	129.7	129.2	133.6	124.1	1951	95.8	101.5	107.4	105.7	97.5	89.8	90.1	89.6	95.5	94.4	89.9	91.9	96.4
1976	110.6	116.1	109.0	100.5	98.0	97.2	99.2	96.2	120.6	122.8	126.3	122.9	118.7	1952	98.2	95.5	99.6	99.9	90.7	91.3	91.5	92.0	101.6	103.8	103.6	103.9	104.7
1977	100.0	102.9	106.6	93.0	91.2	86.6	91.5	84.5	104.4	111.1	111.0	108.9	108.2	1953	100.2	102.9	106.8	108.3	101.3	97.8	98.7	95.7	102.4	95.8	99.6	96.4	97.1
1978	99.3	97.5	96.8	94.6	88.3	88.0	94.5	84.4	101.1	112.0	111.2	111.3	111.8	1954	92.5	92.2	98.0	99.4	88.1	85.8	86.2	86.1	94.8	94.4	93.7	95.0	96.5
1979	97.7	97.5	92.2	94.2	89.2	91.7	91.8	85.0	103.2	114.2	113.2	97.4	102.9	1955	98.3	95.1	99.8	101.6	92.8	93.3	95.5	90.9	99.9	100.7	102.8	103.1	103.5
1980	95.3	94.4	90.2	87.6	86.4	86.8	88.5	83.9	95.9	105.3	111.3	110.8	102.5	1956	97.4	100.3	105.4	102.2	95.9	92.6	92.6	91.1	98.7	96.7	98.8	97.3	97.8
1981	99.8	97.1	90.4											1957	95.3	95.0	98.8	99.4	94.6	92.0	92.7	91.8	98.8	98.5	95.6	94.0	92.7
SIC 22—TEXTILE MILL PRODUCTS														1958	90.9	91.2	92.4	88.1	84.5	85.7	87.1	87.9	95.0	93.8	94.8	94.6	95.3
1947	151.2	158.0	158.7	156.1	150.5	147.1	142.9	139.8	141.4	148.6	152.4	156.1	162.6	1959	98.6	94.2	98.7	98.3	95.9	96.5	96.9	96.7	103.6	101.5	98.9	101.6	100.6
1948	152.9	160.8	161.3	163.1	159.1	156.9	156.2	147.4	150.3	146.4	144.7	144.4	144.9	1960	96.9	97.5	100.5	100.2	94.1	97.4	97.5	96.1	102.2	97.9	96.6	95.5	87.7
1949	129.8	137.2	136.6	130.1	119.3	116.9	119.3	117.2	124.4	132.5	139.6	142.0	143.1	1961	95.1	89.0	93.6	95.9	92.2	90.5	93.3	93.5	101.4	94.0	98.4	100.2	98.6
1950	144.8	140.4	142.0	140.6	134.3	133.4	137.6	136.9	150.3	154.9	155.8	155.9	155.8	1962	101.2	93.2	99.6	103.1	102.1	100.2	102.3	99.4	105.9	104.5	102.0	102.4	100.0
1951	139.1	155.4	157.1	149.8	146.4	141.6	140.5	132.7	127.6	126.7	127.3	129.0	135.0	1963	102.3	97.4	101.8	104.3	99.4	102.4	101.8	100.9	107.0	105.2	105.2	101.6	100.9
1952	131.3	132.3	130.7	127.3	122.2	122.5	124.4	124.7	133.1	137.5	139.3	140.2	141.5	1964	103.5	94.3	104.0	104.7	101.5	101.6	103.8	101.6	108.4	103.2	105.9	107.4	105.7
1953	130.1	137.3	137.4	137.2	133.1	132.9	133.9	129.2	129.8	124.9	123.9	121.4	119.8	1965	109.1	104.3	108.6	111.4	105.1	107.5	110.2	106.0	112.4	111.0	111.4	111.6	110.3
1954	114.2	113.1	114.6	113.9	110.3	109.6	112.3	109.1	114.5	115.3	117.3	119.5	120.8	1966	113.0	105.1	113.2	114.8	110.9	113.3	115.4	109.1	117.1	112.7	116.1	115.0	113.3
1955	120.6	118.2	120.3	120.5	116.3	116.5	118.6	115.6	121.8	122.7	124.1	126.2	126.3	1967	110.9	111.6	111.8	111.5	109.5	110.3	111.0	106.1	113.0	111.6	111.2	112.6	110.7
1956	117.1	122.9	122.9	120.5	117.3	115.5	114.6	110.0	114.6	114.9	117.6	117.6	116.6	1968	111.4	103.8	112.7	113.5	106.7	111.7	114.5	107.5	114.0	114.0	114.5	112.4	111.0
1957	108.6	111.8	111.5	110.4	108.6	107.3	108.7	105.8	109.2	109.4	108.7	105.8	105.5	1969	110.7	108.8	108.8	113.1	110.4	111.6	113.7	106.7	113.0	110.9	111.0	110.4	109.7
1958	100.6	99.0	98.8	96.9	93.3	94.6	98.6	98.1	102.7	104.7	106.2	107.7	106.3	1970	105.1	106.0	108.2	108.8	105.6	103.7	106.7	102.2	106.1	102.0	103.4	104.7	103.3
1959	108.4	104.7	106.3	107.3	107.4	108.2	110.6	108.0	111.1	108.7	110.4	109.2	109.0	1971	104.2	100.0	101.6	104.3	102.3	104.6	105.2	99.9	106.2	105.3	107.1	108.9	105.5
1960	103.2	106.7	106.0	104.5	104.8	106.4	107.0	103.4	104.4	99.9	100.0	99.2	95.5	1972	108.4	102.5	106.4	107.1	107.0	106.3	108.4	102.0	110.8	111.8	112.9	114.5	111.0
1961	100.4	93.5	94.8	95.6	96.9	99.3	102.0	99.8	103.2	103.3	104.9	106.1	104.9	1973	111.6	103.8	111.8	114.5	113.4	112.7	114.3	105.8	113.3	113.3	113.4	113.5	110.0
1962	103.1	101.3	102.5	103.4	103.7	104.3	106.0	102.2	103.9	102.9	103.1	102.5	101.4	1974	102.9	104.0	107.1	106.7	102.2	105.7	104.6	100.7	105.1	104.2	103.3	99.2	91.7
1963	100.7	98.0	98.7	99.6	98.8	100.7	102.5	99.5	101.6	101.2	103.0	102.6	101.6	1975	93.5	85.1	84.7	85.1	86.9	88.9	93.4	90.3	97.5	100.2	102.8	103.5	103.1
1964	102.4	97.5	100.5	100.7	100.7	102.4	104.1	100.9	104.0	100.9	105.5	106.0	105.9	1976	101.2	100.2	102.5	104.6	100.5	103.6	105.0	98.3	101.3	100.3	100.1	100.1	97.8
1965	107.9	103.5	105.1	106.2	105.0	106.8	108.9	106.1	109.6	109.2	110.9	111.9	111.6	1977	100.0	91.4	98.2	99.8	97.9	100.5	103.9	96.5	101.7	101.8	103.1	103.4	101.8
1966	112.5	109.7	111.6	112.8	110.7	113.4	116.2	110.9	115.0	113.7	113.0	112.2	110.6	1978	101.4	91.9	98.7	102.4	102.8	102.9	105.3	98.0	103.3	103.8	102.6	103.4	101.3
1967	108.7	107.8	105.8	106.3	105.8	106.4	109.1	104.9	109.7	110.9	111.9	112.6	112.9	1979	98.0	96.8	98.3	100.0	95.6	99.3	101.2	95.5	98.4	97.7	98.6	97.8	96.8
1968	113.4	105.7	112.6	112.5	109.2	112.8	116.3	112.5	115.4	115.9	115.6	115.8	115.9	1980	95.4	94.3	96.8	97.6	95.9	95.4	97.1	90.3	95.6	95.5	96.0	95.2	94.7
1969	112.9	111.3	110.6	113.5	111.5	112.5	116.1	111.7	113.5	113.2	112.9	113.7	114.0	1981		91.2	92.9	95.1									
SIC 26—PAPER AND ALLIED PRODUCTS														SIC 26—PAPER AND ALLIED PRODUCTS													
1970	106.7	109.6	108.8	108.8	107.9	106.5	108.6	104.7	106.3	104.0	104.7	105.0	105.2	1947	78.8	79.9	79.9	79.9	78.8	78.4	78.0	76.3	76.7	77.6	79.0	80.1	81.0
1971	106.4	104.1	103.8	104.3	103.9	105.9	108.2	103.8	107.1	106.8	108.0	109.7	110.5	1948	78.6	78.8	78.8	78.6	77.1	77.3	77.8	76.9	79.3	79.4	80.0	80.3	79.4
1972	112.0	108.0	109.2	111.3	111.2	110.9	114.3	108.5	112.8	112.7	113.3	115.5	116.4	1949	73.1	75.7	73.6	72.3	69.5	68.9	68.9	68.8	71.3	75.2	77.6	77.8	77.1
1973	113.4	108.4	113.8	115.2	115.3	113.4	116.2	110.3	113.8																		

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 26—PAPER AND ALLIED PRODUCTS														SIC 27—PRINTING AND PUBLISHING													
1960	91.0	90.8	89.9	90.2	90.1	91.6	92.9	91.0	92.5	92.6	92.2	90.4	87.4	1971	101.3	100.9	100.7	101.6	100.6	101.2	101.7	100.4	100.6	101.5	101.5	101.8	103.4
1961	91.4	87.7	87.5	88.1	89.5	89.7	92.9	91.8	93.6	93.9	94.0	94.3	94.0	1972	102.6	99.8	100.1	102.2	102.7	101.7	102.7	102.0	102.5	104.3	103.6	104.4	105.0
1962	93.1	90.4	90.2	91.7	92.1	92.4	94.9	93.2	95.0	95.6	94.1	93.5	93.9	1973	103.5	101.3	102.3	103.8	103.0	102.8	103.2	102.7	103.2	104.4	103.9	105.0	106.7
1963	93.5	91.8	91.0	92.2	91.0	92.5	94.9	93.7	95.6	95.8	95.2	94.1	94.4	1974	101.5	102.0	102.4	102.4	100.3	102.2	102.8	101.0	102.5	101.6	100.7	99.5	100.5
1964	94.2	91.1	91.6	91.8	92.5	93.3	95.6	94.4	96.4	96.4	96.2	94.7	95.7	1975	94.6	96.1	94.9	94.7	93.2	93.1	93.2	92.2	94.5	95.0	94.6	95.2	98.0
1965	96.7	93.5	93.5	94.5	93.2	95.0	97.4	96.8	98.1	98.8	99.3	99.6	100.3	1976	96.0	93.9	93.2	94.8	94.4	95.7	95.5	95.6	96.2	97.7	97.1	98.0	100.1
1966	101.3	97.5	97.9	99.0	99.4	100.6	103.5	102.6	103.7	103.0	102.5	103.5	102.6	1977	100.0	95.3	97.0	98.2	98.6	99.3	100.1	99.3	100.5	102.1	102.3	102.7	104.6
1967	101.4	100.2	98.9	99.9	98.6	99.0	103.0	102.0	103.3	102.8	102.4	102.5	103.7	1978	103.7	99.3	100.4	103.7	103.3	102.6	103.8	103.1	104.1	104.4	106.7	108.6	
1968	103.5	99.7	100.0	100.0	98.6	102.2	105.3	104.4	106.1	106.4	105.9	106.4	107.6	1979	107.3	104.5	105.7	107.4	104.7	106.4	106.8	106.7	108.2	108.5	108.1	110.0	111.1
1969	106.5	104.7	103.2	105.4	104.3	105.4	108.5	106.9	108.2	108.2	107.1	107.3	108.4	1980	107.0	107.6	107.1	107.6	106.3	105.9	105.5	104.6	106.1	107.0	106.9	107.6	111.8
1970	102.4	105.0	103.4	103.7	102.8	102.1	103.8	101.7	102.6	101.9	100.1	100.9	100.7	1981	107.4	107.3	108.2										
1971	98.9	98.0	97.1	97.1	97.8	96.3	99.8	97.7	99.8	100.8	100.1	100.6	101.5	SIC 28—CHEMICALS AND ALLIED PRODUCTS													
1972	102.5	98.3	98.8	99.6	100.8	101.1	105.0	102.8	104.8	104.4	104.2	105.2	105.6	1947	78.3	79.5	80.2	80.2	79.1	78.5	75.5	75.7	76.4	77.4	78.6	78.7	79.6
1973	104.8	101.5	102.5	103.6	102.8	103.2	105.7	104.1	105.8	106.5	106.2	107.4	107.9	1948	77.7	79.4	78.3	78.5	77.0	76.1	76.4	76.1	77.0	78.4	78.8	78.4	78.3
1974	103.4	105.7	104.1	104.7	102.7	104.4	107.5	105.0	105.5	104.3	101.2	98.8	96.6	1949	71.1	76.2	75.2	75.0	71.9	69.4	68.0	66.6	66.9	70.3	71.5	71.1	71.2
1975	89.9	90.8	86.4	84.6	84.0	85.4	88.8	88.3	91.9	93.0	93.9	94.9	97.0	1950	73.9	70.5	71.1	71.4	72.5	72.1	72.1	71.4	74.1	76.2	78.0	78.0	78.8
1976	97.3	95.2	94.6	95.4	94.2	97.3	99.9	97.9	98.7	99.0	97.8	98.7	99.3	1951	80.6	78.6	79.5	80.9	81.2	80.7	80.6	80.1	80.4	81.6	81.4	81.4	81.3
1977	100.0	95.8	96.4	97.3	99.2	100.1	103.3	100.2	101.4	102.1	100.9	100.7	102.5	1952	80.5	80.9	81.2	81.6	80.4	78.8	78.7	78.1	78.7	80.6	81.7	82.4	82.8
1978	101.3	98.2	97.4	100.8	100.8	101.9	105.0	102.7	101.5	101.9	100.1	102.1	102.9	1953	83.4	81.9	82.9	85.0	85.5	84.3	83.7	83.0	82.9	84.0	82.8	82.6	81.9
1979	102.7	100.2	100.1	101.5	99.7	101.9	104.9	103.6	104.3	103.9	103.6	103.8	104.9	1954	79.9	81.2	80.9	81.5	80.9	79.6	78.8	77.6	78.0	79.5	79.8	80.0	80.5
1980	99.6	102.3	101.5	101.6	100.4	97.8	98.4	95.3	97.4	98.8	98.7	100.2	102.6	1955	82.8	80.2	80.5	83.0	83.5	83.4	83.0	82.0	81.9	83.6	83.7	84.1	84.7
1981	99.7	98.3	98.9											1956	83.9	83.9	84.1	85.4	85.9	84.6	83.9	82.1	82.6	83.6	83.7	83.5	84.0
SIC 27—PRINTING AND PUBLISHING														1957	82.6	83.8	83.6	84.1	84.2	83.6	82.4	81.2	81.3	82.2	81.7	81.2	81.5
1947	80.4	80.8	79.7	80.1	79.8	79.5	79.5	79.2	78.9	81.0	81.0	81.9	83.1	1958	78.2	79.8	78.5	78.9	79.0	78.1	77.0	75.9	77.1	78.7	78.1	78.7	
1948	79.7	81.0	79.6	79.6	79.0	79.0	79.0	78.1	78.8	79.7	80.0	80.8	81.8	1959	81.5	78.3	78.7	80.7	82.8	82.7	81.6	80.8	81.8	83.9	82.1	82.1	82.2
1949	77.7	78.3	77.8	77.6	77.1	77.5	77.7	76.4	76.2	78.3	78.1	77.9	79.5	1960	81.9	81.3	81.5	81.9	85.4	84.1	83.6	82.3	82.1	81.3	80.4	80.2	78.9
1950	78.9	76.8	76.4	77.5	77.5	77.7	78.1	77.6	79.0	80.4	80.8	81.6	83.1	1961	81.2	78.9	78.6	80.2	81.4	81.4	82.0	81.4	82.0	81.4	82.3	82.7	82.5
1951	80.6	80.2	79.2	80.5	80.2	79.8	80.4	79.2	79.8	81.9	81.0	81.5	83.1	1962	83.9	82.1	82.5	83.3	85.5	85.6	84.6	84.1	84.2	84.3	83.8	83.5	83.6
1952	81.4	80.0	79.3	80.5	79.3	80.2	80.9	80.2	80.9	83.0	83.8	84.1	85.0	1963	84.9	82.8	82.9	84.2	87.3	86.2	85.7	85.1	85.3	85.2	84.9	84.4	84.7
1953	83.5	82.2	81.8	83.3	82.8	83.0	83.1	82.1	82.8	84.7	85.4	84.6	86.0	1964	85.6	83.1	83.7	85.4	86.1	86.5	86.5	85.8	85.9	87.5	85.0	85.6	86.2
1954	83.0	82.3	81.8	83.1	81.9	81.9	82.7	81.8	82.4	84.2	84.0	84.0	85.4	1965	89.0	85.8	86.5	88.2	90.4	89.7	89.4	89.3	90.0	90.5	88.9	89.5	89.9
1955	86.1	82.3	83.1	84.6	84.3	84.7	86.4	85.1	85.8	88.3	88.7	89.5	90.5	1966	93.9	89.1	90.4	91.9	94.0	94.1	95.7	94.8	95.8	95.3	95.1	95.5	95.3
1956	89.3	87.2	87.4	89.0	88.9	88.5	88.6	87.7	89.2	90.5	91.8	90.7	92.1	1967	95.7	94.2	93.8	95.0	96.9	95.1	95.7	95.7	96.0	95.7	96.1	97.0	97.5
1957	89.2	88.8	88.9	90.0	89.3	88.6	88.6	87.7	88.5	90.5	90.2	89.0	90.3	1968	99.1	96.1	97.3	98.0	98.7	98.5	99.5	99.0	100.1	100.2	99.8	100.7	101.2
1958	87.9	87.5	87.1	87.9	87.1	86.4	86.5	85.9	87.8	89.3	89.4	89.2	90.2	1969	101.1	99.5	100.2	101.7	102.3	101.6	102.6	101.8	102.0	100.5	99.7	100.4	100.4
1959	90.8	88.2	88.4	89.6	89.6	89.9	89.9	89.5	90.8	93.1	92.9	92.6	94.5	1970	97.6	99.0	98.9	99.7	98.9	97.9	97.7	97.6	97.2	98.4	95.8	95.4	95.1
1960	92.9	91.2	91.4	92.4	91.6	92.8	92.6	92.5	93.4	94.3	94.9	94.8	92.5	1971	95.0	93.9	94.1	94.6	96.0	95.4	96.2	94.5	94.4	96.2	94.6	94.8	95.5
1961	92.8	91.5	91.5	92.4	91.9	91.6	92.4	92.2	92.8	93.8	94.3	94.3	95.1	1972	96.0	94.2	94.4	95.1	95.6	95.6	97.5	95.6	95.8	96.7	96.8	97.3	98.0
1962	93.5	91.9	92.3	93.6	93.5	93.3	93.7	92.5	93.6	95.2	94.5	94.5	92.9	1973	99.2	95.9	96.6	98.2	98.5	98.1	100.3	100.1	99.8	100.4	100.3	101.2	101.5
1963	92.8	89.9	90.0	91.4	91.9	93.0	93.1	92.4	93.3	94.3	94.3	93.6	95.9	1974	100.6	100.0	99.6	100.6	100.5	100.2	102.6	101.4	102.1				

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														
SIC 29—PETROLEUM AND COAL PRODUCTS														SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS														
1947	122.8	116.1	117.8	117.8	118.7	121.0	124.5	126.5	127.7	127.0	122.8	127.5	126.5	1960	51.0	53.7	53.2	52.7	49.8	50.9	52.1	50.3	51.0	50.2	51.1	49.6	47.8	
1948	126.9	125.3	125.5	127.3	125.3	129.3	130.6	131.6	132.8	123.1	122.9	125.7	123.5	1961	50.8	47.3	46.4	46.3	47.7	49.2	50.8	50.7	52.0	53.8	54.2	55.2	56.0	
1949	121.7	123.8	119.9	120.2	120.5	122.3	121.5	123.0	122.5	125.0	123.9	120.2	117.1	1962	56.7	54.4	53.9	54.7	54.9	56.2	58.4	55.7	57.1	58.8	58.9	58.6	58.6	
1950	119.8	118.7	115.3	114.3	113.2	113.3	117.4	119.8	124.2	125.3	125.8	124.5	125.3	1963	57.5	57.7	56.6	57.0	56.4	57.4	58.1	55.6	57.0	58.5	58.5	58.6	59.1	
1951	125.6	123.6	122.9	123.5	126.2	125.4	127.1	129.7	125.6	127.8	125.9	124.6	125.0	1964	60.7	57.1	57.6	58.3	58.4	59.8	60.4	58.8	62.5	64.2	63.3	63.2	64.2	
1952	121.9	121.8	121.6	121.8	123.3	95.2	121.0	123.5	128.6	128.5	127.1	126.5	124.5	1965	67.2	63.9	65.0	65.7	64.2	65.6	67.0	65.5	67.6	68.6	69.9	71.0	72.1	
1953	125.7	123.5	122.7	123.7	124.7	126.6	127.2	129.7	129.3	128.4	125.6	124.5	122.3	1966	73.0	70.6	70.3	70.9	71.1	72.1	72.9	70.9	74.0	75.1	75.9	76.4	76.2	
1954	121.0	119.3	119.1	118.5	118.9	123.3	125.7	125.1	123.9	123.1	119.6	119.1	117.0	1967	71.7	74.5	72.1	71.7	71.2	63.1	65.3	62.4	74.3	76.1	76.3	77.1	76.7	
1955	119.1	115.7	114.7	117.4	118.9	121.2	121.9	122.9	121.4	120.7	120.0	117.7	117.0	1968	78.7	74.6	75.6	75.4	73.8	77.6	79.5	77.0	80.2	81.9	82.7	82.6	83.3	
1956	117.8	117.1	114.9	117.8	117.4	115.9	118.8	119.1	120.6	121.2	117.6	117.4	116.1	1969	82.9	81.4	80.4	81.8	81.7	82.4	84.3	81.3	83.6	84.6	84.5	84.3	84.7	
1957	114.0	114.7	114.1	113.2	114.9	114.3	115.1	116.3	113.8	116.5	112.6	112.0	110.3	1970	78.0	82.2	81.2	80.4	79.6	72.3	78.2	77.9	78.5	78.8	76.1	75.2	75.8	
1958	107.2	107.8	106.3	105.7	107.4	106.8	110.3	110.1	108.6	109.5	104.4	105.7	103.2	1971	79.3	74.9	75.1	76.5	76.9	78.6	80.3	78.0	79.6	82.1	82.5	82.9	83.7	
1959	102.6	104.0	95.3	105.0	103.9	104.8	105.5	105.4	100.4	104.7	101.6	101.2	99.9	1972	88.8	82.2	83.4	84.7	85.8	86.8	90.1	86.6	89.8	91.8	93.0	95.3	95.9	
1960	101.0	99.0	99.3	99.0	100.7	102.5	104.3	104.8	103.7	103.6	100.9	98.3	96.1	1973	98.2	94.5	95.7	96.3	97.0	96.1	99.0	97.1	99.8	100.5	100.4	101.4	101.2	
1961	95.5	96.2	92.2	93.4	95.7	96.3	99.4	98.0	97.9	97.2	92.6	89.4	89.4	1974	96.4	98.0	98.2	96.6	92.6	95.8	100.5	96.3	99.7	99.6	98.2	92.8	88.1	
1962	93.0	94.0	91.7	91.7	93.9	95.1	96.9	97.5	95.3	93.2	90.0	89.3	88.0	1975	81.0	82.9	76.4	74.0	75.8	77.1	79.6	77.8	82.6	85.5	86.0	86.0	87.8	
1963	89.0	87.0	85.3	85.7	90.1	90.6	92.3	92.7	91.6	91.5	89.1	87.1	85.2	1976	87.5	86.6	87.6	89.5	87.6	78.0	79.9	78.2	79.9	94.9	95.4	96.1	96.8	
1964	85.2	83.5	83.9	83.7	83.5	86.0	87.7	88.0	87.6	88.9	85.0	83.0	81.5	1977	100.0	94.4	96.7	97.7	98.5	99.7	102.7	98.0	99.9	102.2	103.0	103.4	103.8	
1965	84.9	79.9	79.4	81.8	84.0	84.0	86.6	88.9	89.1	90.1	86.9	85.2	83.3	1978	105.6	99.5	99.0	102.9	104.0	104.0	107.4	103.3	105.8	108.4	109.2	110.7	112.4	
1966	86.6	82.5	82.4	83.5	86.3	87.5	90.0	91.4	89.1	89.0	86.8	86.3	84.5	1979	108.3	109.7	110.6	111.4	105.5	109.1	110.6	107.4	106.8	107.9	107.8	106.7	106.3	
1967	87.2	81.5	82.4	83.2	86.0	86.9	89.3	91.1	90.7	91.1	90.0	88.7	85.3	1980	98.3	104.4	103.0	103.4	101.3	94.0	92.9	86.3	93.6	97.1	99.5	101.1	102.8	
1968	89.5	85.5	84.3	85.4	88.6	89.9	92.4	94.7	92.2	92.4	91.1	90.1	87.4	1981		101.0	99.5	101.2										
1969	85.2	52.1	72.9	85.3	89.1	89.9	91.2	94.7	93.0	90.5	90.0	89.0	85.1	SIC 31—LEATHER AND LEATHER PRODUCTS														
1970	90.2	85.1	85.2	86.1	87.9	90.0	93.3	95.1	94.4	92.3	92.1	91.2	90.2	1947	179.1	179.4	182.3	180.0	176.2	168.7	169.6	170.6	176.7	184.3	186.7	184.8	189.6	
1971	94.6	87.9	88.9	88.6	92.0	94.3	97.7	100.0	99.3	99.0	97.3	95.4	95.1	1948	170.5	187.2	189.6	181.4	163.0	154.5	165.2	168.4	175.8	172.1	167.0	158.5	163.3	
1972	95.2	89.8	91.0	91.7	95.0	95.7	99.4	98.9	98.1	97.7	97.1	95.5	92.9	1949	158.1	164.2	168.3	167.0	155.0	145.0	153.9	157.4	164.2	161.6	158.0	144.5	157.8	
1973	93.7	89.9	87.6	88.7	90.4	92.8	95.8	97.9	97.8	98.1	95.4	96.1	93.9	1950	165.5	163.2	168.7	167.8	151.4	147.1	158.2	165.9	179.4	175.3	171.6	167.0	170.5	
1974	94.6	91.2	89.6	91.3	92.8	95.8	99.6	100.1	96.8	95.7	95.7	94.9	91.7	1951	155.9	174.6	181.1	175.9	158.1	142.9	154.3	153.5	153.8	145.0	140.6	140.0	151.1	
1975	90.3	82.0	80.8	85.0	84.8	89.9	92.3	95.8	94.0	95.6	95.3	95.5	92.6	1952	163.9	157.3	164.0	164.5	154.0	151.9	159.9	161.9	174.8	168.9	167.3	165.8	176.5	
1976	96.0	91.6	91.0	92.6	95.0	97.0	98.8	99.8	98.0	98.9	97.6	96.6	94.7	1953	163.2	175.4	177.5	177.4	166.4	159.7	166.6	163.0	164.7	150.8	150.3	150.3	156.5	
1977	100.0	90.8	89.1	93.4	98.2	100.2	104.0	105.5	103.5	104.5	104.7	103.5	102.5	1954	152.1	155.6	160.6	158.9	144.5	139.4	148.5	153.4	157.6	149.3	146.6	153.3	157.8	
1978	105.2	99.1	98.4	101.4	103.5	103.0	107.8	109.8	109.2	108.8	108.3	108.3	104.9	1955	161.5	159.1	166.6	166.5	154.0	151.5	161.9	160.8	167.9	160.6	161.5	157.4	170.4	
1979	106.9	100.8	100.8	104.4	105.9	106.8	108.5	110.3	109.2	111.1	109.3	110.0	105.5	1956	159.0	170.1	174.7	166.7	153.5	150.1	157.6	158.6	160.5	153.3	152.7	152.8	157.1	
1980	92.3	86.3	61.2	58.9	78.6	98.4	101.5	103.8	103.0	104.8	105.3	104.4	101.2	1957	153.7	157.0	160.2	159.1	151.3	144.4	154.4	155.2	159.2	153.1	150.2	148.7	152.0	
1981		99.1	98.1	99.3										1958	144.8	150.2	148.9	143.4	126.5	131.2	142.0	145.5	149.1	145.9	144.8	151.8	157.9	
														1959	156.3	159.9	160.4	156.9	150.2	152.4	160.1	159.4	160.5	155.0	150.8	154.5	155.9	
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS														1960	146.9	154.5	151.1	150.1	138.2	141.5	151.2	152.5	156.0	142.8	141.0	143.7	139.9	
1947	45.9	49.3	49.2	48.0	46.9	44.4	43.6	42.0	43.1	44.4	45.9	46.3	47.7	1961	146.6	147.8	147.5	144.1	137.2	140.9	150.2	149.9	151.4	142.9	143.1	150.1	154.3	
1948	43.4	46.1	44.8	43.3	42.1	41.9	43.3	42.2	43.9	43.8	43.6	43.2	42.1	1962	148.9	152.9	151.6	151.5	146.0	144.4	152.5	151.0	154.2	147.1	142.2	145.4	147.9	
1949	37.9	40.2	39.3	37.9	37.2	37.0	36.6	35.6	36.6	36.9	39.8	38.8	39.3	1963	143.1	144.8	145.0	141.9	132.2	136.4</								

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														
SIC 31—LEATHER AND LEATHER PRODUCTS														TRANSPORTATION AND PUBLIC UTILITIES														
1971	120.1	119.9	118.2	117.6	118.0	121.2	124.5	118.2	122.2	116.5	118.4	122.4	123.6	1980	106.3	105.5	105.2	105.6	105.8	105.8	106.7	106.6	106.1	106.9	107.2	106.4	107.4	
1972	121.7	120.9	124.2	121.3	120.9	125.2	129.2	121.3	126.6	120.5	117.3	118.5	114.5	1981		103.7	104.1	104.1										
1973	114.9	112.6	114.3	114.0	114.0	116.9	121.9	112.6	116.9	113.5	112.5	115.2	114.1															
1974	106.4	108.4	110.0	110.9	107.0	110.8	114.1	105.0	108.8	102.3	100.1	101.6	97.6															
1975	98.0	90.2	87.1	85.0	88.7	94.6	101.7	97.5	103.4	103.2	105.9	108.2	110.1															
1976	105.4	107.8	109.3	109.6	107.0	112.5	111.6	104.2	105.3	100.7	98.7	99.2	99.1	1964	75.9	72.9	72.5	73.2	73.6	74.5	76.4	77.5	77.4	76.1	76.7	77.3	83.1	
1977	100.0	93.2	98.4	98.6	99.7	103.4	105.7	95.3	101.2	98.5	101.4	103.3	101.3	1965	78.8	75.6	75.1	75.5	77.7	77.8	79.4	80.4	80.3	79.1	79.3	80.0	85.9	
1978	101.3	95.6	97.0	100.5	103.3	105.3	108.6	97.3	104.1	102.1	101.5	101.1	99.7	1966	80.8	78.0	77.3	77.7	79.1	79.5	81.8	83.0	82.8	80.9	81.0	81.7	87.1	
1979	94.6	95.8	94.5	94.8	92.7	97.5	101.1	87.6	95.3	94.7	93.5	93.9	93.4	1967	81.6	79.3	77.9	78.8	79.4	80.0	82.4	83.4	83.3	82.0	81.5	82.9	88.2	
														1968	83.3	79.6	79.3	79.6	81.3	81.4	84.2	85.4	85.5	84.1	84.0	85.2	89.9	
1980	89.2	90.1	91.2	90.2	90.5	91.3	92.8	79.9	90.2	88.7	89.0	88.6	88.4	1969	86.0	82.7	81.7	82.6	83.7	84.5	87.0	88.1	88.4	86.5	86.4	87.7	92.3	
1981		86.5	88.0	88.7																								
PRIVATE SERVICE-PRODUCING ¹¹														WHOLESALE AND RETAIL TRADE														
1964	72.7	70.0	69.8	70.4	71.3	71.9	73.5	74.4	74.2	73.3	73.6	73.5	76.2	1970	86.9	84.9	84.0	84.6	85.0	85.7	87.9	88.9	88.8	86.8	86.8	87.4	92.0	
1965	75.2	72.2	72.3	72.8	74.1	74.5	75.9	76.9	76.8	75.9	75.9	76.2	78.8	1971	88.0	84.8	83.8	84.4	85.8	86.5	88.8	90.0	90.1	88.6	88.7	89.7	95.0	
1966	77.5	74.6	74.7	75.2	76.1	76.6	78.5	79.5	79.3	78.0	78.1	78.3	80.7	1972	90.8	87.2	86.4	87.4	88.6	89.3	91.9	92.5	92.5	91.1	91.7	93.0	97.5	
1967	79.1	76.6	76.3	77.0	77.2	78.3	80.2	80.9	81.0	79.8	79.5	80.3	82.5	1973	93.7	90.3	89.8	90.6	91.5	92.6	95.3	95.9	95.5	94.1	94.1	95.7	99.3	
1968	81.4	78.2	78.3	78.8	79.9	80.1	82.4	83.5	83.6	82.1	82.2	82.7	84.7	1974	94.4	91.4	90.4	91.1	93.0	93.8	96.1	96.8	96.6	95.3	94.9	95.5	98.3	
1969	84.6	81.4	81.1	82.1	83.0	83.7	85.7	87.0	87.0	85.3	85.4	85.8	87.8	1975	93.8	90.5	89.4	90.0	90.6	92.3	94.8	95.8	96.4	94.7	94.9	95.8	99.9	
														1976	97.0	93.5	92.9	93.3	95.9	96.7	98.3	99.3	99.0	97.7	97.1	97.9	102.3	
1970	85.7	83.9	83.7	84.3	84.5	85.1	86.8	87.9	87.4	85.9	85.7	85.8	87.5	1977	100.0	95.0	94.5	95.8	97.5	99.0	101.2	102.5	102.6	101.2	101.6	102.3	106.8	
1971	86.2	83.6	83.5	84.0	84.9	85.4	87.5	87.7	88.1	86.7	86.6	86.9	89.5	1978	104.2	98.6	97.9	100.0	101.9	103.1	105.8	107.0	107.1	105.5	105.6	106.6	111.1	
1972	88.9	85.3	85.3	86.4	87.4	87.8	90.4	90.9	90.8	89.5	90.1	90.6	92.7	1979	106.6	102.7	102.0	103.8	105.2	105.8	107.9	108.4	108.3	107.0	106.9	108.4	112.1	
1973	92.2	88.8	89.0	90.0	90.7	91.5	93.7	94.3	94.3	92.8	92.8	93.6	94.9	1980	105.9	103.9	102.9	103.7	103.8	104.7	106.1	106.6	107.6	106.3	106.4	107.6	111.1	
1974	93.8	90.8	90.8	91.3	92.6	93.5	95.6	96.3	96.1	94.6	94.3	94.2	95.4	1981		104.1	103.0	104.0										
1975	93.7	91.2	90.7	91.0	91.5	92.6	94.6	95.7	96.1	94.4	94.7	94.9	96.7															
1976	96.6	93.4	93.6	93.9	95.5	96.2	97.8	98.9	98.7	97.2	97.0	97.2	99.4	SIC 50,51—WHOLESALE TRADE														
1977	100.0	95.3	95.7	96.6	97.9	99.1	101.2	102.4	102.5	101.3	101.8	102.1	104.2	1964	76.3	74.2	73.9	74.1	74.4	74.9	76.5	77.8	77.6	77.1	77.8	78.1	79.3	
1978	104.6	99.5	99.8	101.5	103.0	103.8	106.3	107.1	107.2	105.7	106.0	106.4	108.4	1965	79.3	76.8	76.4	77.0	77.0	78.0	79.8	80.8	81.1	80.5	81.1	80.9	82.2	
1979	108.2	103.9	104.3	105.8	106.3	107.4	109.8	110.5	110.6	109.1	109.2	110.0	111.7	1966	81.9	80.0	79.6	79.7	79.7	80.3	82.4	84.0	83.6	82.7	83.2	83.1	84.1	
														1967	82.7	82.0	81.1	81.2	81.2	81.2	83.2	84.2	84.3	83.3	83.0	83.7	84.0	
1980	110.0	107.1	107.2	108.1	108.4	109.0	110.8	111.7	112.0	110.6	110.9	111.2	112.9	1968	84.0	81.2	81.1	81.3	81.6	82.1	85.0	86.3	86.2	85.3	85.6	85.9	86.7	
1981		109.0	109.1	109.9										1969	87.1	84.8	84.3	84.8	84.9	85.3	87.5	88.6	89.2	88.3	88.6	88.8	90.4	
TRANSPORTATION AND PUBLIC UTILITIES														1970	88.3	88.1	87.4	87.6	87.1	87.2	89.1	90.3	89.4	88.2	88.4	87.8	88.7	
1964	89.6	86.5	86.0	86.5	87.6	88.5	90.7	91.9	91.0	92.0	91.6	90.6	92.0	1971	86.9	85.9	85.0	85.6	85.2	85.8	87.5	87.7	88.0	87.3	87.8	88.0	89.4	
1965	91.8	87.5	88.9	89.6	89.4	90.6	92.8	93.5	93.7	94.6	93.7	94.1	93.5	1972	89.2	86.6	86.5	87.6	87.6	88.1	90.2	90.2	90.6	90.1	90.7	90.8	91.4	
1966	93.6	89.7	91.2	91.1	91.1	92.4	95.5	95.5	95.3	96.1	95.2	95.5	95.0	1973	92.5	89.9	89.9	90.9	90.5	91.0	93.6	94.0	94.4	93.3	93.8	94.5	94.7	
1967	94.1	92.4	92.7	92.3	89.4	94.1	96.1	96.0	96.4	95.7	94.6	95.3	94.6	1974	94.7	92.9	92.6	93.3	93.1	94.2	96.3	96.6	96.4	95.5	95.7	95.3	95.1	
1968	95.4	92.6	92.3	92.7	93.5	93.4	96.2	97.6	97.7	97.4	97.3	97.3	96.9	1975	93.5	92.5	91.3	91.4	91.6	92.4	93.8	94.3	94.3	94.3	95.2	94.8	95.7	
1969	98.3	94.8	94.7	95.1	96.2	97.2	99.7	101.1	100.5	101.0	100.3	99.6	99.9	1976	96.3	93.8	93.8	94.4	95.4	96.1	97.5	98.1	97.4	97.2	97.2	97.0	97.9	
														1977	100.0	96.2	96.5	97.4	98.2	98.9	100.9	101.4	101.4	101.4	101.4	102.3	102.2	103.2
1970	99.0	97.8	97.6	97.6	96.1	97.6	101.4	102.9	101.1	100.9	99.1	99.1	96.8	1978	105.6	100.8	101.1	102.9	103.9	104.4	106.8	106.9	107.4	107.4	108.2	108.2	109.5	
1971	97.1	94.7	97.0	96.7	96.6	96.4	100.2	93.7	98.4	99.3	97.0	97.2	98.1	1979	110.3	106.9	106.8	108.9	108.5	109.9	111.8	111.6	111.5	111.0	111.8	112.2	112.3	
1972	99.4	95.2	95.8	97.9	97.0	98.5	101.4	100.9	101.3	100.9	101.2	101.5	101.6	1980	110.4	109.8	109.7	110.2	110.1	110.2	109.8	109.8	110.4	110.5	111.4	111.0	112.0	
1973	102.1	98.9	99.4	99.9	99.7	101.6	103.5	103.7	104.2	103.8	104.2	103.6	102.5	1981		109.9												

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

SIC 52-59—RETAIL TRADE													
1964	75.8	72.5	72.0	72.8	73.4	74.4	76.4	77.3	77.3	75.7	76.3	77.0	84.5
1965	78.7	75.2	74.5	75.0	77.9	77.8	79.2	80.3	80.0	78.5	78.6	79.7	87.3
1966	80.4	77.3	76.3	76.9	78.8	79.1	81.5	82.6	82.5	80.2	80.1	81.2	88.3
1967	81.2	78.3	76.7	77.9	78.7	79.5	82.0	83.1	82.9	81.5	81.0	82.6	89.8
1968	83.0	78.9	78.5	79.0	81.3	81.2	83.9	85.1	85.3	83.7	83.3	84.9	91.1
1969	85.5	82.0	80.7	81.7	83.2	84.3	86.8	87.9	88.1	85.9	85.6	87.3	93.1
1970	86.4	83.6	82.6	83.4	84.2	85.2	87.5	88.4	88.6	86.2	86.2	87.2	93.2
1971	88.4	84.3	83.3	83.9	86.0	86.8	89.3	90.8	90.9	89.1	89.1	90.3	97.2
1972	91.4	87.4	86.4	87.4	89.0	89.7	92.6	93.3	93.2	91.5	92.0	93.8	99.9
1973	94.2	90.5	89.7	90.5	92.0	93.1	95.9	96.6	95.9	94.5	94.2	96.2	101.0
1974	94.3	90.9	89.6	90.3	92.9	93.6	96.0	96.8	96.6	95.2	94.6	95.5	99.5
1975	93.9	89.8	88.7	89.5	90.2	92.3	95.1	96.3	97.2	94.8	94.8	96.2	101.5
1976	97.3	93.4	92.6	92.9	96.1	96.9	98.6	99.8	99.6	97.9	97.0	98.3	104.0
1977	100.0	94.6	93.8	95.2	97.2	99.0	101.4	102.9	103.1	101.1	101.3	102.3	108.2
1978	103.6	97.8	96.6	98.9	101.1	102.7	105.5	107.1	106.9	104.7	104.6	106.1	111.7
1979	105.1	101.1	100.2	101.8	103.9	104.2	106.5	107.2	107.1	105.5	105.0	107.0	112.1
1980	104.2	101.6	100.3	101.1	101.4	102.6	104.6	105.4	106.5	104.8	104.5	106.3	110.7

1964	70.7	69.1	69.6	69.7	70.2	70.4	71.2	72.4	72.2	71.0	71.0	70.5	70.8
1965	71.9	70.5	70.7	71.0	71.0	71.4	72.0	73.4	73.3	72.1	72.2	72.3	72.5
1966	73.5	71.8	72.0	72.5	72.7	73.1	74.1	75.6	75.3	73.8	73.9	73.7	74.1
1967	75.9	73.2	73.6	74.1	74.5	75.0	76.3	77.6	78.1	76.9	77.0	76.9	77.2
1968	79.3	76.7	76.8	77.5	77.8	78.4	79.4	80.9	81.5	80.3	80.6	80.6	81.1
1969	83.8	81.1	81.7	82.1	82.7	82.9	84.5	85.8	86.0	84.5	84.7	85.0	84.9
1970	85.5	84.4	84.7	85.3	85.4	85.0	86.0	87.3	87.0	85.2	85.3	85.1	84.9
1971	87.0	84.5	84.8	85.4	86.1	86.5	88.2	89.2	89.3	87.2	87.6	87.3	87.3
1972	89.5	87.6	87.3	87.7	88.6	88.6	90.6	91.6	91.4	90.1	90.4	89.7	90.2
1973	92.4	89.8	90.4	91.1	91.8	91.8	93.4	94.8	94.4	92.8	92.5	92.7	92.7
1974	93.5	91.5	92.3	92.4	92.4	93.2	94.8	95.5	95.4	93.7	93.4	93.4	93.4
1975	93.5	92.9	92.6	92.2	92.3	93.0	94.3	94.5	95.0	93.4	94.0	94.1	93.9
1976	95.4	93.5	94.1	93.8	94.5	95.1	96.2	96.9	96.9	95.5	95.9	96.1	96.7
1977	100.0	96.9	97.0	97.9	98.7	99.4	100.8	101.6	101.9	100.7	101.5	101.6	102.0
1978	105.7	101.9	102.5	103.0	104.5	104.2	106.7	108.2	108.1	106.8	107.4	107.4	107.7
1979	110.6	108.0	108.3	108.6	109.2	109.3	111.5	112.6	112.4	111.3	111.5	112.1	112.1

1964	63.3	60.9	60.9	61.5	62.9	63.1	64.4	65.1	65.0	64.0	64.3	63.7	63.9
1965	65.8	63.2	63.6	63.9	65.1	65.5	66.8	67.6	67.5	66.6	66.4	66.4	66.7
1966	68.8	65.9	66.5	67.3	68.2	68.5	69.9	70.7	70.4	69.2	69.7	69.4	69.6
1967	71.7	68.8	69.2	70.1	71.0	71.5	73.0	73.5	73.4	72.4	72.5	72.7	72.8
1968	74.7	71.9	72.6	73.2	73.8	74.2	76.1	76.9	76.8	74.9	75.1	75.2	75.3
1969	78.3	75.0	75.3	76.8	77.5	78.0	79.5	81.0	80.8	78.6	79.1	78.9	78.9
1970	79.7	77.6	78.3	79.1	79.6	79.9	80.6	81.4	81.1	79.7	79.8	79.5	79.5
1971	80.0	78.0	78.1	78.7	79.4	79.7	81.2	82.5	81.8	79.9	80.1	80.0	80.5
1972	82.9	79.0	79.7	80.8	82.1	82.1	84.5	85.2	84.9	83.5	84.2	84.1	84.3

	SERVICES												
1973	86.8	83.2	84.2	85.5	86.3	86.5	88.4	88.9	89.2	87.4	87.2	87.7	87.6
1974	90.0	86.3	87.5	88.1	88.9	89.7	92.1	92.9	92.7	90.8	90.7	90.4	90.4
1975	92.6	89.1	89.9	90.4	91.1	92.0	93.7	95.3	95.7	93.2	93.6	93.6	93.6
1976	96.0	92.8	93.7	94.1	95.1	95.7	97.4	98.9	98.5	96.4	96.7	96.2	96.5
1977	100.0	95.0	96.1	96.9	98.2	99.0	101.2	102.8	102.9	101.4	102.3	102.0	102.2
1978	105.1	100.3	101.2	102.8	104.3	104.7	107.0	108.3	108.2	106.3	106.3	106.2	106.1
1979	109.9	104.4	105.8	107.7	108.5	109.2	111.7	113.2	113.1	111.0	111.4	111.4	112.0
1980	115.0	110.3	111.7	112.9	113.7	114.1	116.4	118.3	118.2	115.9	116.2	116.1	116.3

[illegible]

1947	18.7	17.5	17.5	17.7	17.6	18.0	18.6	18.3	19.1	19.7	19.9	19.8	20.3
1948	20.5	19.8	19.4	19.7	19.1	19.7	20.5	20.5	21.5	21.7	21.6	21.2	21.2
1949	19.3	20.1	19.7	19.3	18.9	18.9	19.0	18.8	19.4	20.0	19.0	18.9	19.2
1950	21.8	18.8	18.4	19.3	19.8	20.6	21.6	22.0	23.6	24.0	24.7	24.5	24.8
1951	25.6	24.4	24.5	24.9	25.2	25.3	25.9	25.6	26.1	26.5	26.4	25.9	26.4
1952	27.0	25.7	25.8	25.8	25.5	25.7	25.8	25.1	27.5	29.1	29.2	29.1	29.6
1953	29.5	28.6	28.8	29.2	29.2	29.4	30.0	29.8	30.4	30.2	30.2	29.1	28.6
1954	27.3	26.9	27.0	26.8	26.5	26.8	27.4	26.9	27.5	27.8	28.0	28.3	28.2
1955	30.2	27.4	27.6	28.4	28.7	29.9	30.5	30.7	31.3	32.1	32.1	32.0	31.9
1956	32.4	30.7	30.5	30.6	31.3	31.6	32.7	31.4	33.4	34.2	34.4	33.7	33.9
1957	32.8	32.0	32.2	32.2	32.2	32.6	33.5	33.3	34.1	34.2	33.5	32.3	31.7
1958	30.5	29.9	28.3	28.6	28.4	29.1	30.1	30.3	31.5	32.5	32.0	32.6	32.2

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INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														
GOODS-PRODUCING*														MINING														
1959	34.0	31.6	31.2	32.3	33.5	34.6	35.9	35.4	34.9	35.0	34.5	34.1	35.1	1971	42.0	42.0	41.2	41.6	43.0	43.6	44.8	42.9	44.4	44.6	34.6	34.7	46.2	
1960	34.4	34.1	33.6	33.3	34.0	34.9	35.5	35.4	35.6	35.8	35.5	33.8	32.0	1972	48.2	47.0	45.9	46.4	47.0	47.4	49.4	48.6	49.3	49.9	49.4	49.6	49.0	
1961	34.1	31.5	30.9	31.3	32.1	33.4	35.1	35.2	36.0	35.9	36.6	36.3	35.4	1973	52.5	48.3	48.1	48.0	49.6	50.8	53.5	53.7	54.2	55.0	54.8	56.3	57.9	
1962	36.6	33.5	33.8	34.6	36.0	36.9	37.5	37.8	38.1	39.0	38.4	37.4	36.4	1974	62.4	56.8	57.9	58.1	61.0	63.3	65.6	65.3	66.3	67.9	69.3	55.6	62.2	
1963	38.1	35.3	34.7	35.5	36.6	38.1	39.4	39.3	39.6	40.6	40.5	39.1	38.6	1975	76.5	70.5	71.1	70.6	70.0	76.3	78.2	77.3	77.8	79.6	81.4	82.0	82.7	
1964	40.2	36.3	37.1	37.7	38.8	40.0	41.2	41.2	42.1	42.6	41.8	42.0	42.0	1976	87.0	82.5	81.8	83.0	83.0	84.8	87.4	89.3	80.4	93.6	92.1	92.7	93.5	
1965	44.0	40.5	40.4	41.4	41.6	43.7	45.0	44.8	45.7	46.1	46.7	46.1	46.2	1977	100.0	91.3	93.1	96.9	99.7	100.9	107.0	105.0	99.8	108.4	109.4	110.3	78.3	
1966	48.5	44.6	44.9	46.1	46.8	48.0	50.0	49.6	50.5	51.4	51.2	50.0	49.6	1978	114.0	76.1	78.0	82.2	117.1	119.1	124.2	125.6	125.8	127.9	129.5	132.5	130.5	
1967	49.7	48.0	46.7	47.2	47.6	48.5	50.1	50.1	51.3	52.0	51.4	51.9	51.4	1979	141.0	128.9	130.0	133.1	137.1	137.9	143.5	139.8	145.4	147.2	147.8	150.2	150.8	
1968	53.8	48.8	49.9	50.6	51.1	53.3	55.1	54.7	55.5	57.4	57.1	56.1	56.7	1980	161.3	150.5	150.6	153.0	155.7	157.8	165.5	155.7	161.0	166.3	168.2	173.0	177.9	
1969	59.1	54.3	54.1	55.9	56.8	58.3	60.5	60.2	61.7	63.1	62.2	60.9	61.1	1981		180.0	179.2	178.8										
														CONSTRUCTION														
1970	59.3	57.1	57.1	58.3	58.6	58.8	60.9	60.6	61.5	61.1	59.2	58.1	59.8	1947	11.8	9.5	9.2	9.8	10.5	11.3	12.3	12.8	13.4	13.6	13.6	12.7	12.7	
1971	62.0	57.2	56.7	58.2	59.4	61.4	63.7	63.0	64.3	65.0	65.3	65.1	65.2	1948	14.3	11.9	11.0	11.7	12.8	13.8	15.3	15.9	16.3	16.3	15.9	15.1	15.1	
1972	69.2	62.3	62.7	64.6	66.2	67.8	70.5	69.0	72.0	74.1	74.3	73.4	73.1	1949	14.7	13.5	12.9	12.9	13.7	14.8	15.3	15.8	16.4	16.1	16.2	15.2	14.0	
1973	78.0	70.2	71.3	73.1	74.7	76.5	79.7	79.3	80.7	83.0	82.7	82.8	82.1	1950	16.4	12.5	11.8	12.4	14.1	15.6	17.1	18.0	19.2	19.2	19.7	19.1	17.6	
1974	81.8	76.3	77.0	78.0	77.1	81.5	84.7	83.1	85.6	87.7	86.7	82.7	80.7	1951	20.2	16.8	15.9	16.9	18.7	20.4	21.2	22.3	23.0	22.8	23.1	20.8	20.4	
1975	78.1	74.3	71.5	71.7	73.0	75.2	77.8	77.5	81.3	84.1	83.7	83.1	84.4	1952	21.9	18.8	19.0	18.4	19.9	21.0	22.8	23.6	24.6	25.1	24.7	22.8	22.1	
1976	88.4	80.9	81.1	82.6	83.5	87.2	90.0	89.5	91.4	93.9	93.3	93.5	93.4	1953	22.6	19.6	19.6	19.8	20.9	22.2	23.5	24.1	25.2	24.6	25.7	24.0	22.3	
1977	100.0	87.0	89.6	92.7	95.6	98.8	103.2	102.1	103.6	107.1	107.4	106.8	106.3	1954	23.0	18.4	19.8	20.4	21.7	23.1	24.4	25.1	25.8	25.0	25.1	24.1	22.6	
1978	114.8	98.0	99.8	105.0	110.3	112.5	118.0	117.7	119.5	123.2	124.1	124.2	125.7	1955	25.1	20.1	19.6	21.4	22.9	25.5	27.0	28.7	28.8	29.5	28.0	25.6	24.8	
1979	128.3	117.7	118.7	123.5	120.0	127.7	132.1	130.7	131.9	135.5	134.5	132.9	134.6	1956	28.5	22.3	22.6	22.8	25.6	28.2	31.9	31.8	33.4	33.3	32.7	29.9	28.2	
1980	131.5	125.8	125.8	127.8	127.3	127.5	130.3	127.3	131.5	136.5	137.9	139.0	140.7	1957	29.0	23.4	24.9	25.4	27.2	29.5	31.6	32.4	33.3	32.9	32.0	28.2	26.7	
1981		134.4	131.8	137.0										1958	28.1	24.6	20.6	23.4	25.3	28.2	29.3	30.7	32.3	32.7	32.9	30.4	27.0	
														1959	31.3	25.6	23.5	25.4	29.5	32.1	34.7	35.5	37.1	35.1	34.6	31.6	30.5	
1947	28.0	27.4	26.3	26.6	23.4	27.2	28.4	25.2	29.5	30.1	30.5	30.4	31.4	1960	31.5	26.3	25.4	24.6	29.7	32.3	34.5	36.6	37.2	36.3	36.3	31.8	27.3	
1948	31.9	32.2	30.8	31.9	23.4	32.7	33.0	29.7	34.8	33.7	34.2	32.8	33.9	1961	32.0	26.9	25.1	26.2	28.5	31.4	35.1	36.1	37.8	36.7	37.2	33.8	29.7	
1949	28.0	33.8	31.8	30.8	31.7	32.0	28.0	25.6	25.3	26.4	18.1	28.5	24.7	1962	34.2	25.4	25.8	27.6	32.0	35.4	36.3	39.8	41.1	40.6	39.6	35.8	31.1	
1950	29.5	23.0	16.1	32.2	30.7	29.9	30.5	30.3	31.2	31.8	32.7	31.9	33.0	1963	36.4	29.1	26.8	29.0	33.3	37.0	39.9	42.0	43.5	42.6	42.7	37.3	33.8	
1951	33.4	32.6	32.5	31.7	31.8	32.3	33.5	32.9	33.5	34.4	34.7	34.8	35.9	1964	39.0	28.9	30.8	32.4	35.9	39.4	42.4	44.3	46.0	42.8	45.2	41.3	38.6	
1952	33.3	35.8	34.1	34.3	31.7	32.8	29.2	27.5	34.0	35.8	33.1	35.3	36.1	1965	42.5	34.7	33.4	35.6	37.5	43.3	46.0	47.3	49.8	47.1	48.4	44.2	43.0	
1953	34.2	34.8	33.5	33.1	32.5	34.0	35.5	34.5	35.9	34.8	34.7	33.7	33.3	1966	46.1	38.6	37.1	40.7	42.9	45.0	50.4	53.1	53.1	51.9	50.7	45.7	44.1	
1954	30.4	32.7	31.5	29.7	29.0	29.5	31.0	29.7	30.6	29.4	30.2	30.6	31.1	1967	47.5	41.0	38.1	39.7	42.7	45.5	49.6	53.4	54.5	54.4	52.9	51.6	46.6	
1955	32.7	31.0	30.8	30.7	31.0	32.3	33.5	33.1	33.0	34.0	34.4	33.6	35.0	1968	51.9	39.5	42.3	43.7	48.4	51.3	54.6	57.0	59.5	60.1	60.0	52.8	53.7	
1956	35.8	34.9	34.4	34.5	35.7	35.5	37.0	33.0	36.2	37.4	37.1	36.4	37.8	1969	61.2	48.9	48.2	51.3	55.6	60.4	65.1	67.6	69.5	70.6	68.9	64.8	63.4	
1957	36.8	36.5	36.5	35.9	36.1	36.1	38.6	37.8	38.1	38.5	36.6	35.2	35.6	1970	65.4	53.4	55.6	58.2	62.5	64.5	69.0	72.0	74.4	68.8	72.0	67.9	66.9	
1958	31.6	33.6	32.0	30.9	29.5	29.9	31.9	30.5	31.3	32.0	31.9	32.6	33.3	1971	72.6	58.2	56.1	61.6	66.8	70.8	76.6	79.6	82.3	80.2	84.2	82.0	73.3	
1959	32.8	32.8	32.4	32.5	32.8	34.4	35.7	33.1	31.4	30.1	30.9	32.9	34.6	1972	80.6	68.2	66.6	70.9	74.7	79.5	84.5	86.3	90.7	91.3	92.7	84.2	77.5	
1960	32.2	32.7	31.7	32.7	33.3	33.3	33.4	31.7	32.8	32.0	32.2	30.8	30.2	1973	89.8	72.1	71.9	77.5	82.0	88.1	95.3	98.8	101.0	101.3	100.9	97.8	90.8	
1961	30.5	30.1	29.1	28.1	29.1	30.0	31.4	31.6	31.3	31.7	31.9	31.4	30.7	1974	91.9	77.0	81.7	84.0	85.7	91.8	97.3	97.2	102.3	102.6	101.5	93.7	88.3	
1962	30.4	29.8	30.0	30.1	30.5	30.7	31.1	30.0	31.4	31.3	30.7	29.8	29.7	1975	83.5	76.3	70.9	71.1	76.4	81.7	85.1	88.9	93.5	93.7	92.5	87.6	84.4	
1963	30.6	28.9	28.8	28.6	29.9	31.0	32.4	30.8	31.6	32.1	31.6	30.7	30.9	1976	89.3	75.0	74.0	75.4	83.4	88.2	93.2	96.9	99.7	97.8	101.7	96.0	90.0	
1964	3																											

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
MANUFACTURING														MANUFACTURING													
1919	11.5	11.0	10.4	10.5	10.4	10.6	10.8	11.2	11.9	12.4	12.1	12.6	13.5	1969	59.7	56.8	56.8	58.3	58.2	58.8	60.5	59.2	60.8	62.3	61.6	60.9	61.6
1920	13.7	13.9	13.7	14.7	14.3	14.4	14.6	14.3	14.1	13.9	13.4	12.3	11.2	1970	58.6	59.2	58.5	59.4	58.5	58.3	59.8	58.5	59.0	60.0	56.7	56.3	58.8
1921	8.8	9.4	9.3	9.5	9.2	9.0	8.8	8.4	8.6	8.6	8.4	8.3	8.5	1971	60.3	57.8	57.7	58.2	58.3	59.8	61.3	59.6	60.5	62.0	61.9	62.2	64.1
1922	9.5	8.1	8.5	8.7	8.6	9.0	9.3	9.4	9.9	10.1	10.4	10.8	11.0	1972	67.2	61.6	62.6	63.9	65.0	65.7	67.8	65.4	68.1	70.7	70.7	71.8	73.3
1923	12.0	11.0	11.4	12.0	12.1	12.6	12.5	12.1	12.1	12.1	12.4	12.1	12.0	1973	76.2	70.9	72.5	73.3	74.1	74.8	76.9	75.4	76.7	79.6	79.3	80.2	81.1
1924	11.2	11.5	12.3	12.3	11.9	11.4	10.8	10.0	10.4	10.8	11.1	10.9	11.4	1974	80.1	77.2	76.8	77.5	75.7	79.7	82.3	80.3	82.2	84.7	83.7	81.3	79.6
1925	11.9	11.2	11.8	12.0	11.7	11.9	11.6	11.4	11.7	11.6	12.3	12.3	12.3	1975	76.8	74.0	71.7	72.0	72.3	73.3	75.7	74.3	78.1	81.7	81.4	82.0	84.5
1926	12.2	11.9	12.4	12.6	12.3	12.1	12.1	11.6	12.1	12.3	12.6	12.2	12.1	1976	88.2	82.4	83.0	84.5	83.6	87.0	89.2	87.5	89.8	92.9	91.0	92.8	94.4
1927	12.0	11.5	12.3	12.4	12.3	12.3	12.1	11.6	12.0	11.9	12.0	11.5	11.7	1977	100.0	90.6	92.1	94.5	95.8	98.3	102.0	99.5	101.4	105.4	105.4	106.2	108.7
1928	12.1	11.3	11.9	12.1	11.9	12.0	12.0	11.7	12.3	12.4	12.8	12.4	12.5	1978	113.6	103.3	104.9	108.3	109.7	110.8	114.3	112.3	113.9	118.9	119.4	121.7	125.1
1929	12.9	12.1	13.0	13.2	13.3	13.3	13.2	12.7	13.3	13.4	13.3	12.3	11.9	1979	125.2	120.5	121.4	123.9	118.6	124.4	127.3	124.4	124.4	129.2	128.4	128.4	131.5
1930	10.4	11.3	11.7	11.7	11.5	11.2	10.8	9.9	9.9	9.9	9.7	9.0	8.8	1980	126.8	125.8	125.8	127.4	124.5	122.3	123.0	119.1	123.5	128.8	130.3	133.8	137.1
1931	7.9	8.2	8.7	8.9	8.7	8.6	8.2	7.8	7.7	7.5	7.2	6.8	6.8	1981		133.1	132.1	135.2									
1932	5.5	6.3	6.5	6.2	5.8	5.5	5.1	4.8	4.8	5.2	5.5	5.2	5.1	SIC 24,25,32-39—DURABLE GOODS													
1933	6.0	4.8	5.0	4.6	4.8	5.4	5.9	6.4	7.1	7.4	7.4	6.8	6.7	1947	17.6	16.8	16.9	17.2	17.2	17.3	17.8	17.0	17.3	18.0	18.3	18.5	19.1
1934	7.7	6.6	7.5	7.9	8.2	8.2	7.9	7.5	7.7	7.3	7.7	7.5	7.9	1948	18.9	18.7	18.3	18.6	18.1	18.0	18.5	18.5	19.2	19.4	19.9	19.7	19.6
1935	9.0	8.1	8.7	8.9	8.9	8.6	8.4	8.4	9.0	9.3	9.7	9.5	9.8	1949	17.0	18.7	18.3	17.8	17.2	16.6	16.7	16.2	16.5	17.1	15.8	15.6	17.0
1936	10.5	9.3	9.3	9.8	10.0	10.3	10.3	10.3	10.8	10.8	11.5	11.7	12.3	1950	20.3	17.1	17.1	17.4	18.2	19.2	20.0	20.1	21.5	22.1	23.1	23.2	24.0
1937	12.8	11.7	12.4	13.1	13.5	13.7	13.3	13.1	13.5	13.1	13.1	11.7	10.7	1951	24.8	23.7	24.2	24.8	25.0	24.9	25.2	24.1	24.5	25.1	25.2	25.3	25.9
1938	10.1	9.6	9.9	9.9	9.5	9.3	9.2	9.2	10.1	10.6	11.0	11.0	11.3	1952	26.5	25.6	25.8	26.1	25.5	25.5	24.4	22.6	25.7	27.9	28.8	29.3	30.3
1939	12.0	10.9	11.2	11.5	11.2	11.5	11.2	12.1	12.6	13.5	13.4	13.5	13.5	1953	30.2	30.0	30.4	31.0	30.9	30.6	30.9	30.1	30.3	30.0	30.0	29.0	28.8
1940	13.6	12.8	12.8	12.8	12.6	12.8	12.8	12.7	13.7	14.5	15.1	15.1	15.9	1954	26.5	27.8	27.3	26.8	26.3	26.2	26.1	25.0	25.3	25.7	26.4	27.4	27.7
1941	19.8	15.6	16.5	17.2	17.8	19.0	20.1	20.2	21.2	21.9	22.4	22.4	23.0	1955	30.0	27.6	28.1	28.8	29.1	29.8	29.8	29.6	30.0	30.8	31.5	32.4	32.5
1942	29.0	23.7	24.6	25.5	26.2	27.3	27.9	28.9	30.6	31.5	32.8	33.9	35.0	1956	31.7	31.6	31.1	30.9	31.5	31.0	31.2	28.8	31.1	32.3	33.2	33.4	34.3
1943	39.7	35.7	36.5	37.7	38.6	39.1	39.9	40.0	40.9	41.8	42.2	42.8	41.6	1957	32.1	33.1	33.0	32.8	32.4	32.0	32.5	31.6	32.1	31.9	31.7	31.5	30.9
1944	41.0	41.7	41.9	41.5	40.9	41.0	41.1	40.4	40.8	40.6	40.9	40.6	41.2	1958	28.3	29.0	27.8	27.5	26.7	26.7	27.5	27.2	27.9	29.4	28.5	30.8	31.3
1945	35.0	41.2	41.2	41.0	40.2	38.7	38.4	36.6	32.7	27.6	27.5	27.5	27.9	1959	32.6	31.0	31.3	32.4	33.2	34.0	34.9	33.6	31.0	31.9	31.6	32.0	34.6
1946	32.4	28.2	26.0	29.0	30.8	30.7	32.0	32.5	34.8	35.5	35.7	36.2	37.2	1960	33.1	34.9	34.6	34.2	33.4	33.7	33.7	32.5	32.2	32.9	32.6	31.7	30.7
1947	20.0	19.1	19.3	19.4	19.2	19.3	19.7	19.5	20.1	20.8	21.0	21.1	21.8	1961	32.0	30.0	29.6	29.8	30.5	31.7	32.6	32.2	32.3	32.6	33.6	34.6	34.9
1948	21.6	21.3	21.1	21.2	20.6	20.6	21.2	21.3	22.2	22.5	22.5	22.3	22.1	1962	35.2	33.7	34.1	34.5	35.2	35.4	35.7	34.9	34.4	36.1	36.0	35.9	36.0
1949	20.0	21.2	20.9	20.4	19.6	19.2	19.4	19.3	19.9	20.7	19.8	19.3	20.3	1963	36.8	35.3	35.2	35.5	35.9	37.0	37.7	36.7	36.0	37.9	38.0	37.9	38.4
1950	22.9	20.3	20.3	20.5	20.7	21.4	22.3	22.7	24.3	24.9	25.7	25.6	26.3	1964	39.1	36.9	37.3	37.7	38.5	38.9	39.7	38.8	39.0	41.1	38.5	40.8	42.0
1951	26.7	26.0	26.4	26.7	26.6	26.3	26.8	26.1	26.6	27.1	26.9	26.9	27.6	1965	43.7	41.2	41.6	42.3	42.4	43.4	44.3	43.3	43.0	44.8	45.5	46.1	47.0
1952	28.0	27.0	27.2	27.4	26.7	26.6	26.4	25.4	28.0	29.8	30.3	30.5	31.3	1966	49.4	46.4	47.1	47.7	48.5	49.2	50.2	48.4	49.0	51.5	51.7	51.6	51.6
1953	31.1	30.8	31.1	31.6	31.3	31.1	31.5	31.1	31.6	31.4	31.2	30.3	30.1	1967	50.0	50.4	49.2	49.4	48.9	49.5	50.1	48.6	49.4	50.3	50.0	51.5	52.7
1954	28.4	28.9	28.7	28.4	27.7	27.7	28.0	27.3	27.9	28.4	28.7	29.3	29.5	1968	54.0	51.6	51.9	52.4	51.8	54.0	54.9	53.3	52.5	55.7	56.0	56.7	57.3
1955	31.5	29.2	29.6	30.2	30.2	30.9	31.3	31.1	31.8	32.7	33.1	33.7	33.7	1969	58.4	56.4	56.1	57.4	57.4	57.8	59.5	57.6	58.7	60.8	60.3	59.2	60.3
1956	33.2	32.8	32.5	32.5	32.7	32.3	32.7	31.2	33.2	34.3	34.8	34.6	35.3	1970	55.8	57.4	56.5	57.7	56.6	56.5	57.7	55.7	55.4	56.9	52.2	51.6	55.6
1957	33.7	34.1	34.0	33.9	33.4	33.2	33.8	33.4	34.1	34.3	33.7	33.3	32.8	1971	56.8	54.9	54.7	55.2	55.1	56.8	58.1	55.6	55.7	57.5	58.1	58.5	60.8
1958	31.0	31.2	30.2	29.8	29.2	29.3	30.2	30.2	31.3	32.5	31.8	33.2	33.5	1972	65.3	59.2	60.4	61.9	63.2	64.1	66.0	62.7	65.3	68.7	6		

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 24—LUMBER AND WOOD PRODUCTS														SIC 25—FURNITURE AND FIXTURES													
1947	28.3	24.8	26.2	26.1	27.1	28.8	30.0	28.7	30.3	30.0	29.7	29.1	29.0	1960	35.2	35.7	35.5	34.9	35.3	35.0	35.6	34.6	36.1	36.1	36.0	34.3	33.5
1948	29.7	27.8	27.7	28.1	27.1	28.3	30.2	31.5	33.3	32.2	32.0	30.5	28.3	1961	34.2	31.1	31.2	31.5	31.8	32.0	33.7	33.4	35.8	36.8	37.6	37.4	37.8
1949	26.9	25.6	24.2	25.5	26.1	27.4	27.9	26.4	27.9	27.8	28.8	28.0	27.7	1962	37.4	34.5	35.7	36.4	36.6	36.8	37.7	36.6	39.0	39.2	39.4	38.7	38.7
1950	31.5	23.7	25.4	27.4	28.5	30.6	32.6	33.1	35.9	35.9	36.4	34.8	34.2	1963	39.0	37.1	36.8	37.1	36.6	37.1	38.6	38.6	40.7	41.4	41.3	40.8	41.2
1951	35.3	32.7	32.7	32.1	35.2	36.5	38.3	34.4	36.9	37.4	37.6	36.0	34.2	1964	41.8	38.0	39.6	39.9	40.4	39.5	41.5	41.2	43.4	43.8	44.8	44.6	45.3
1952	35.2	30.0	31.9	32.0	33.5	30.8	37.1	37.3	39.9	39.3	38.3	37.5	35.5	1965	46.4	43.1	44.0	44.7	44.1	44.3	45.9	45.1	47.5	48.3	49.4	49.4	50.7
1953	35.4	33.2	33.8	34.7	35.7	36.8	38.5	37.0	37.2	36.4	36.1	34.3	31.6	1966	51.5	48.0	48.6	49.7	49.3	50.6	52.2	49.7	54.1	53.9	54.4	54.0	54.0
1954	32.5	29.1	30.1	30.9	31.7	33.5	35.4	28.7	30.1	34.6	36.7	35.8	33.9	1967	51.9	50.9	50.2	50.1	49.2	49.5	50.9	49.2	52.4	54.2	54.8	54.7	56.6
1955	35.6	32.1	32.2	32.0	33.1	35.3	38.6	37.4	39.3	38.5	38.1	35.9	35.1	1968	57.7	52.6	55.1	55.4	53.6	56.4	58.4	55.9	59.5	60.7	61.3	61.2	62.3
1956	36.1	33.5	33.5	33.1	35.4	37.2	39.3	38.3	40.3	38.6	37.0	34.5	32.6	1969	62.7	59.6	59.7	61.1	60.9	61.8	63.7	60.5	64.6	65.1	65.2	64.7	65.2
1957	32.7	30.2	30.3	30.7	32.3	33.9	35.8	34.0	36.0	33.3	33.6	31.7	30.4	1970	60.7	61.3	60.1	60.9	59.5	57.9	59.4	58.4	61.8	61.3	62.6	62.3	63.2
1958	31.7	28.2	27.7	27.5	28.0	30.3	32.6	32.3	34.4	35.8	36.3	34.3	33.6	1971	65.1	60.2	59.7	60.8	60.6	62.8	65.5	63.9	67.1	68.2	69.2	70.0	72.6
1959	36.8	32.2	31.6	32.8	35.0	37.6	40.0	39.5	40.1	39.8	39.1	37.3	36.1	1972	76.8	70.8	71.7	72.8	73.4	73.6	77.3	74.2	79.3	80.6	81.7	82.4	83.2
1960	34.7	33.1	33.0	32.1	34.9	36.5	38.5	37.4	37.4	37.1	35.4	31.7	29.6	1973	85.4	79.2	81.9	83.4	82.4	83.5	87.1	82.2	87.8	88.8	89.3	88.6	90.0
1961	33.4	29.0	27.9	28.6	31.3	33.8	36.5	35.7	36.5	37.1	36.8	34.6	32.7	1974	85.6	86.0	84.8	85.9	83.9	86.4	90.1	84.6	89.7	89.7	87.1	81.0	78.6
1962	35.0	30.2	31.9	31.5	33.9	35.8	37.6	37.4	38.4	38.1	36.4	35.4	33.9	1975	74.8	69.2	66.3	66.5	68.0	69.8	72.7	70.8	78.5	82.3	83.3	84.0	86.2
1963	36.6	33.2	33.0	33.5	34.5	36.9	37.0	37.1	39.2	40.6	39.5	37.5	36.8	1976	87.0	82.8	83.5	84.6	84.0	85.6	87.5	83.7	88.2	90.2	90.4	90.9	93.1
1964	38.6	34.2	35.5	35.7	37.0	38.8	41.2	41.0	42.2	41.0	40.5	38.8	37.6	1977	100.0	86.5	90.2	93.6	93.4	96.0	100.9	97.3	103.6	106.4	109.0	109.8	113.4
1965	40.5	35.6	36.3	37.9	38.8	40.9	42.3	42.3	43.7	42.6	42.6	41.6	41.2	1978	115.5	105.2	110.9	113.4	113.1	113.2	116.8	110.9	116.5	119.0	120.7	121.4	125.3
1966	42.4	39.7	39.7	40.3	42.2	43.8	45.4	44.7	45.2	43.9	43.1	41.1	39.7	1979	122.9	119.3	119.9	122.5	116.1	118.5	122.3	116.7	122.9	126.5	128.8	129.4	132.0
1967	42.7	39.1	39.4	40.2	41.2	42.0	45.0	44.2	44.4	44.9	44.8	44.4	42.6	1980	122.2	125.9	126.0	127.3	124.4	116.8	115.5	106.8	116.3	123.1	125.3	126.7	132.7
1968	47.6	40.4	43.9	44.4	44.9	46.7	50.2	49.6	51.2	51.2	50.3	48.9	49.7	1981		127.5	129.2	131.6									
1969	51.4	46.7	47.9	50.0	49.1	51.6	54.1	52.6	54.1	54.0	52.6	52.2	51.5	SIC 32—STONE, CLAY, AND GLASS PRODUCTS													
1970	51.8	48.9	49.1	49.4	50.1	51.4	54.1	52.8	54.8	54.1	53.0	52.3	51.1	1947	18.0	16.8	16.6	17.2	17.5	17.4	18.2	17.7	18.4	18.7	19.1	19.3	19.3
1971	58.4	49.0	50.9	52.3	54.6	57.0	61.7	61.9	62.7	63.0	63.9	62.3	61.0	1948	20.0	18.3	18.2	19.0	19.4	19.8	20.1	19.5	21.0	21.0	21.5	21.0	20.8
1972	67.5	58.7	60.2	62.4	64.6	66.4	71.2	70.6	72.4	72.7	72.0	71.2	67.4	1949	18.8	19.5	19.4	19.0	18.5	18.6	18.3	17.7	18.6	18.9	19.0	18.9	19.0
1973	75.5	65.5	69.6	72.0	73.8	75.7	81.0	78.2	80.2	80.2	78.6	75.6	75.6	1950	21.8	18.4	18.7	19.0	19.8	20.8	21.6	21.7	23.0	23.6	25.1	25.4	25.0
1974	74.1	69.9	72.5	74.5	75.5	78.9	82.5	80.0	80.2	76.1	70.8	65.6	62.2	1951	25.3	24.6	24.4	25.3	25.9	25.7	25.9	25.4	25.6	25.7	25.7	24.9	24.8
1975	68.2	56.7	57.5	58.1	60.9	65.8	71.9	71.2	76.0	76.6	76.3	73.1	74.5	1952	24.8	23.4	23.7	24.0	23.8	24.0	24.4	23.4	24.9	25.7	26.7	26.6	26.6
1976	86.7	74.5	76.6	76.4	79.3	84.4	91.9	92.1	95.1	94.3	94.1	90.9	91.3	1953	27.1	25.7	26.3	26.9	27.1	27.3	27.5	27.1	27.8	27.9	28.1	27.3	26.7
1977	100.0	86.0	89.4	90.2	94.1	97.8	103.6	102.7	105.9	109.1	108.9	106.1	106.2	1954	26.0	24.9	25.3	25.3	25.5	25.5	25.5	25.5	26.3	26.8	27.1	27.5	27.2
1978	115.2	101.1	103.9	106.3	110.7	113.0	123.4	120.8	120.9	121.0	122.1	119.2	120.1	1955	29.9	26.6	26.9	28.0	28.7	29.6	30.6	30.0	31.2	31.9	31.8	31.8	31.4
1979	125.0	112.8	114.9	118.6	118.5	124.1	133.6	131.3	133.7	135.0	132.1	124.0	121.6	1956	32.0	30.3	30.3	30.8	31.8	32.3	32.7	31.8	32.6	32.4	33.0	32.8	32.7
1980	116.1	114.4	117.8	116.8	105.2	104.1	111.8	113.8	120.9	123.4	121.7	121.4	122.2	1957	32.0	31.2	31.1	31.3	31.5	32.0	32.4	31.1	32.8	33.3	33.0	32.6	31.3
1981		118.3	117.5	119.2										1958	30.4	29.4	27.9	27.9	28.1	29.1	30.4	30.9	32.5	33.6	31.7	32.1	31.3
														1959	35.6	30.5	30.7	33.4	35.7	36.7	38.1	37.8	37.6	37.6	36.7	36.1	35.7
SIC 25—FURNITURE AND FIXTURES														1960	35.6	34.0	34.1	33.7	35.6	36.8	37.4	37.0	37.5	37.0	36.8	35.2	32.5
1947	19.8	18.6	19.3	19.1	18.8	18.8	19.1	18.2	19.2	20.4	21.6	22.1	23.0	1961	34.9	31.3	30.5	31.7	33.1	35.1	36.9	37.8	37.7	37.1	36.5	34.4	
1948	21.9	23.0	22.8	22.5	21.3	20.8	20.7	20.4	21.2	22.1	22.8	22.4	22.2	1962	36.9	32.5	33.0	33.7	36.1	37.8	38.8	39.0	39.6	39.5	38.8	38.0	35.5
1949	19.9	20.2	20.1	19.7	18.8	18.3	18.3	17.9	19.2	20.8	21.7	21.3	22.6	1963	38.8	34.2	33.8	35.3	37.8	39.6	41.1	41.4	41.7	41.3	40.1	38.0	
1950	25.0	22.1	23.1	23.4	23.3	23.3	23.8	23.6	26.3	27.2	27.8	28.0	27.9	1964	40.8	35.8	37.1	38.0	40.1	41.5	42.6	42.5	43.4	43.3	42.7	42.0	40.6
1951	25.8	27.2	28.1	28.6	27.0	25.2	24.0	2																			

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 32—STONE, CLAY, AND GLASS PRODUCTS														SIC 34—FABRICATED METAL PRODUCTS													
1971	61.3	54.0	54.7	56.7	58.5	61.0	64.1	63.7	65.6	65.6	65.0	64.3	63.0	1947	15.7	15.2	15.1	15.3	15.3	15.4	15.5	15.1	15.1	16.1	16.4	16.5	17.1
1972	70.6	61.9	62.6	65.3	67.4	69.8	73.3	73.1	75.2	75.5	76.5	74.2	72.6	1948	16.7	16.8	16.4	16.4	16.2	16.1	16.0	16.1	17.0	17.0	17.7	17.6	17.5
1973	79.9	69.1	71.7	74.8	77.3	80.0	82.8	82.6	84.0	84.7	84.8	83.9	82.6	1949	15.1	16.5	16.1	15.5	14.8	14.4	14.5	14.4	14.8	15.5	14.6	14.1	15.4
1974	83.4	76.6	78.2	80.0	80.8	84.7	87.7	87.3	88.8	87.9	86.6	83.2	79.1														
1975	77.7	72.0	70.0	70.3	73.1	75.9	78.5	79.3	82.3	83.5	83.6	83.0	81.3	1950	18.7	15.6	15.7	16.0	16.6	17.2	18.5	18.5	20.1	21.0	21.7	21.6	22.4
1976	88.1	77.5	78.1	80.1	85.0	89.1	92.2	91.4	92.8	93.6	93.8	92.9	90.6	1951	22.4	22.2	22.4	22.9	23.0	22.6	22.7	21.5	21.9	22.1	22.3	22.0	22.9
1977	100.0	83.7	84.9	90.8	97.0	101.3	106.1	105.3	106.5	105.4	105.6	107.5	105.7	1952	23.3	22.6	22.8	22.9	22.3	22.5	21.2	19.6	22.1	24.5	25.5	26.0	27.4
1978	114.2	97.0	98.8	104.6	110.8	114.5	120.2	119.0	119.9	120.7	121.8	121.9	120.9	1953	27.3	27.3	27.5	28.0	28.0	27.9	28.0	27.2	27.4	27.0	27.1	26.3	26.0
1979	124.3	111.6	111.8	119.2	120.5	125.8	131.0	128.3	129.1	129.5	129.4	128.6	126.5	1954	24.6	25.6	25.0	24.5	24.0	24.3	24.2	23.2	23.9	24.2	24.6	25.4	25.8
														1955	27.5	25.4	25.7	26.3	26.5	27.2	27.2	27.0	27.6	28.6	29.3	29.5	29.5
1980	123.4	116.5	117.1	121.8	121.3	122.0	123.9	120.4	124.0	127.2	128.4	130.5	128.0	1956	28.5	28.2	28.0	27.9	28.1	27.6	27.9	25.7	27.5	29.4	30.6	30.1	31.1
1981		120.7	117.7	123.7										1957	30.2	29.8	29.9	30.0	29.9	29.8	30.4	29.7	30.3	30.9	30.8	30.8	29.9
														1958	27.7	28.3	27.1	26.7	25.9	25.9	26.8	26.7	27.7	29.1	28.2	30.0	30.5
														1959	31.2	29.8	29.7	30.7	31.3	32.3	33.3	31.9	31.0	32.0	30.3	29.4	32.6
SIC 33—PRIMARY METAL INDUSTRIES																											
1947	21.0	19.8	19.7	20.1	20.3	20.9	21.7	20.6	21.1	21.6	21.8	22.0	22.5	1960	32.1	33.2	32.8	32.5	31.6	32.4	32.9	31.7	32.2	32.7	32.3	31.1	30.0
1948	23.3	22.5	22.3	22.6	21.9	22.2	22.6	22.4	24.0	24.4	24.9	24.8	24.8	1961	31.2	29.3	28.7	28.7	29.5	30.9	31.8	31.0	32.1	31.6	32.9	33.6	33.9
1949	20.1	24.5	23.9	23.0	21.9	20.9	20.4	19.2	19.4	19.9	11.5	15.1	21.1	1962	34.2	32.5	32.7	33.2	33.8	34.5	35.1	33.8	34.3	35.5	35.1	34.8	34.9
1950	24.6	21.5	21.7	21.4	22.9	23.5	24.3	24.6	25.5	26.5	27.0	27.4	29.4	1963	35.9	34.3	33.8	34.1	34.3	36.0	36.7	35.6	36.1	37.5	37.5	37.2	37.6
1951	30.1	29.7	29.3	30.1	30.3	30.0	30.8	29.9	29.7	30.5	30.0	29.7	31.1	1964	38.2	36.2	36.5	36.8	37.6	38.0	38.7	37.5	39.0	40.1	37.6	39.7	40.9
1952	28.6	30.7	30.3	30.5	28.1	28.2	17.8	16.5	29.6	32.2	32.4	33.1	34.0	1965	42.5	39.8	40.5	40.2	40.6	42.2	43.1	41.8	42.4	43.7	44.8	45.5	45.6
1953	33.6	34.3	33.9	34.4	33.9	33.8	34.5	34.4	34.3	34.1	32.9	31.7	31.3	1966	48.8	45.2	45.8	46.4	47.0	48.2	49.0	47.2	49.2	51.4	51.6	51.8	52.4
1954	28.2	30.2	28.7	27.7	27.1	27.2	27.8	27.4	27.3	27.8	28.0	29.1	29.9	1967	51.4	51.0	50.0	50.0	50.0	50.7	51.8	50.0	51.6	52.3	51.6	53.0	54.6
1955	35.2	30.7	31.4	32.4	33.3	34.6	35.3	35.3	35.4	38.4	37.8	38.4	39.0	1968	56.5	53.4	53.0	53.9	52.3	55.7	57.3	55.2	56.6	59.4	59.6	61.0	60.9
1956	37.4	39.1	38.1	37.9	38.2	37.6	37.7	24.4	36.0	39.8	39.4	39.6	40.4	1969	61.6	60.0	59.2	60.8	60.3	61.2	62.8	60.1	61.6	63.7	62.5	62.8	63.7
1957	37.7	40.4	39.3	38.7	38.1	37.6	38.3	38.1	38.0	37.9	36.4	35.3	34.7	1970	59.0	61.0	59.8	60.1	59.3	58.9	60.4	58.6	59.3	60.6	55.8	55.2	58.5
1958	31.9	32.5	30.6	30.1	28.9	28.7	30.6	31.0	31.7	33.7	33.8	35.4	36.3	1971	59.3	57.3	56.5	55.9	56.9	59.3	60.3	58.3	59.4	60.6	61.0	61.8	64.1
1959	36.4	37.2	38.7	40.9	42.6	43.5	44.6	40.0	23.4	23.0	22.3	37.1	43.2	1972	68.5	62.1	63.1	64.8	65.9	67.0	69.4	66.5	69.0	71.9	72.1	73.7	76.2
1960	37.2	43.9	43.1	42.3	40.8	38.5	37.6	35.4	34.4	34.0	33.2	31.9	31.4	1973	78.6	73.7	75.6	76.3	76.9	77.9	80.2	77.4	78.5	80.5	80.6	82.0	83.3
1961	35.9	31.5	31.5	31.9	33.2	35.2	36.9	37.3	37.4	38.5	38.8	38.9	39.9	1974	81.6	78.9	78.5	79.6	75.9	81.5	83.6	81.1	83.6	86.4	85.1	82.9	81.7
1962	38.3	40.7	41.3	41.7	41.6	39.0	37.9	35.9	35.8	37.1	35.9	36.1	37.0	1975	76.0	74.1	72.3	72.3	73.0	73.6	75.4	70.9	76.4	79.9	80.2	80.8	83.3
1963	40.3	37.2	38.3	39.2	41.8	42.4	43.9	42.0	39.8	40.0	39.1	39.5	40.9	1976	88.0	81.3	82.0	83.8	81.3	87.6	89.8	86.6	90.0	92.9	91.8	93.6	94.9
1964	44.5	40.9	41.7	42.4	43.4	44.3	45.0	44.6	45.2	48.2	45.2	46.2	47.3	1977	100.0	90.7	91.6	94.4	94.6	98.0	102.4	98.2	101.4	104.7	106.4	107.6	110.2
1965	48.6	47.5	48.1	48.8	51.5	49.1	50.7	50.3	49.2	49.1	46.3	45.5	47.0	1978	114.0	104.0	105.3	109.4	111.6	112.7	114.6	110.7	113.4	118.3	119.4	122.1	126.4
1966	51.8	48.4	49.4	50.3	51.8	52.3	53.7	52.5	52.8	53.7	52.4	52.2	51.6	1979	124.9	121.2	122.4	125.0	115.8	124.4	127.8	122.1	122.7	127.4	128.3	128.8	133.1
1967	49.5	52.0	50.3	49.9	48.6	49.1	49.9	48.8	48.4	48.4	47.3	49.6	50.7	1980	123.7	125.2	125.6	128.4	124.2	119.4	119.7	111.5	117.3	123.9	126.1	129.7	133.7
1968	52.6	51.1	51.6	52.3	54.8	54.3	55.0	54.1	50.4	51.7	50.3	51.7	53.9	1981		128.2	127.1	131.5									
1969	58.6	55.1	55.6	56.7	57.8	58.0	59.9	59.1	60.1	61.1	59.8	59.5	60.3														
SIC 35—MACHINERY, EXCEPT ELECTRICAL																											
1970	56.3	58.8	57.5	57.4	56.5	56.5	57.7	57.1	56.8	59.1	53.0	51.6	53.8	1947	16.4	15.7	15.9	16.1	16.3	16.4	16.5	15.9	16.1	16.7	16.9	17.0	17.7
1971	55.6	55.2	55.9	57.1	58.5	58.6	59.7	56.2	50.6	53.0	52.9	53.1	56.7	1948	17.6	17.5	17.5	17.6	17.1	17.2	17.7	17.6	17.7	17.9	17.7	17.9	
1972	63.9	57.3	58.2	60.5	62.1	62.8	64.2	63.3	64.9	67.4	66.5	69.0	70.2	1949	14.7	17.2	16.8	16.3	15.4	14.7	14.3	13.7	13.6	13.8	13.5	13.1	13.8
1973	76.4	70.9	71.2	71.7	74.0	74.4	76.3	76.1	77.2	80.7	79.2	82.9	82.0														
1974	85.1	80.6	79.2	80.4	81.8	84.8	87.4	86.1	87.1	90.8	89.1	88.0	86.4	1950	16.9	14.0	14.5	15.0	15.5	16.0	16.3	16.5	17.4	17.5	19.0	19.8	21.0
1975	77.6	83.0	79.9	78.2	75.7	74.3	74.5	72.7	76.0	80.5	77																

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 35—MACHINERY, EXCEPT ELECTRICAL														SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT													
1960	29.3	30.3	30.5	30.8	30.2	30.5	30.5	29.4	28.6	28.3	27.8	27.5	27.4	1971	59.7	58.1	56.9	57.7	57.2	58.6	59.4	58.1	59.6	61.4	61.6	62.7	64.8
1961	28.4	27.5	27.8	27.8	28.3	28.4	28.6	28.1	27.9	28.4	28.6	28.8	30.1	1972	67.9	62.8	63.8	64.4	65.0	65.7	67.7	65.6	68.1	70.9	71.8	73.8	75.8
1962	31.7	29.8	30.7	31.5	32.1	32.3	32.6	31.9	31.6	31.9	31.9	31.8	32.4	1973	79.1	73.9	74.9	75.3	75.8	76.8	78.8	77.4	79.6	82.8	82.9	84.5	86.0
1963	33.3	32.5	32.7	33.1	32.8	33.2	33.7	32.7	32.9	33.7	33.7	34.0	35.3	1974	82.2	82.2	81.1	80.8	78.2	82.2	85.1	82.1	80.4	85.5	85.0	82.3	80.8
1964	37.0	34.9	35.3	36.4	36.9	37.1	37.7	36.8	36.7	37.4	36.9	37.7	39.7	1975	74.6	75.4	71.2	71.1	70.6	70.5	72.8	70.8	73.9	77.9	78.5	79.4	82.9
1965	41.9	39.6	40.0	41.1	40.0	41.6	42.2	41.5	41.1	42.4	43.3	44.1	45.9	1976	85.7	80.2	80.5	82.1	80.1	84.2	85.5	83.4	86.4	89.3	90.6	92.2	94.1
1966	49.2	46.0	47.3	48.2	48.2	49.2	49.9	48.5	49.0	50.4	50.5	50.7	52.1	1977	100.0	89.8	93.1	93.7	94.8	97.0	100.8	97.9	101.6	105.7	105.8	108.2	111.6
1967	50.3	51.9	51.3	51.5	50.8	50.1	50.4	49.2	49.2	50.0	48.4	50.3	50.5	1978	115.0	105.7	107.2	110.0	110.2	111.0	113.9	113.0	116.0	120.1	120.9	123.8	128.6
1968	51.4	50.1	51.2	51.9	49.5	51.3	51.7	50.1	49.8	51.7	52.2	53.3	54.1	1979	131.4	125.5	127.1	129.3	122.2	129.0	132.8	128.0	128.3	136.1	136.4	138.4	143.4
1969	57.0	54.7	55.6	56.6	56.7	56.7	57.7	55.5	55.5	58.1	58.4	57.8	60.5	1980	137.5	138.9	138.6	139.7	137.4	132.3	131.7	126.5	131.3	137.5	140.2	145.3	150.6
1970	55.5	58.9	59.3	60.1	58.3	56.9	56.7	54.8	53.2	53.2	51.7	51.2	52.1	1981	146.9	146.9	145.7	149.3									
1971	52.2	51.0	51.2	51.6	51.0	51.2	51.9	51.2	51.2	53.0	52.9	53.5	56.5	SIC 37—TRANSPORTATION EQUIPMENT													
1972	61.4	55.6	57.1	58.0	59.1	59.9	61.7	59.8	60.6	63.7	64.8	66.5	70.5	1947	14.8	14.4	14.6	14.7	14.8	14.3	15.0	14.0	13.7	14.7	15.1	15.4	16.8
1973	74.7	69.0	70.6	71.9	72.7	73.4	74.5	72.8	73.6	77.6	77.8	79.1	83.9	1948	15.8	16.2	14.8	15.8	15.5	14.4	15.1	15.9	15.7	15.9	16.9	16.7	17.2
1974	83.5	80.9	81.1	82.6	77.4	82.2	84.6	80.4	82.7	86.8	87.3	87.1	88.8	1949	15.9	17.1	16.7	16.0	15.9	14.9	16.1	16.6	16.3	16.9	15.7	13.7	14.4
1975	79.5	83.7	82.0	80.8	79.6	77.0	77.2	73.7	75.8	79.6	79.6	80.9	84.2	1950	18.3	16.4	14.3	14.6	15.6	17.9	19.2	18.9	20.1	20.2	20.9	20.2	21.6
1976	86.4	82.3	83.2	84.0	81.4	84.9	86.5	84.8	86.2	89.5	87.3	91.5	94.9	1951	23.2	21.1	22.6	23.5	23.2	23.1	23.2	22.5	23.0	23.6	23.5	24.1	25.0
1977	100.0	91.7	93.9	94.9	94.6	96.5	99.5	97.8	99.8	104.5	105.7	107.9	113.1	1952	27.8	25.1	25.5	26.3	26.3	27.1	27.4	23.5	24.9	29.8	31.7	32.3	33.7
1978	117.7	107.6	111.0	113.7	113.6	112.8	117.3	114.4	114.8	121.4	123.4	127.2	135.6	1953	33.9	33.5	34.5	35.3	35.3	34.5	34.6	34.3	34.2	33.0	33.4	31.7	32.9
1979	135.3	130.6	134.0	135.5	127.5	133.9	137.9	134.5	133.0	140.2	135.3	137.3	143.3	1954	29.4	32.5	31.2	30.4	30.1	29.4	28.6	27.4	26.9	25.9	27.6	30.6	32.2
1980	142.7	143.7	143.9	145.2	142.7	141.3	139.7	134.3	134.2	142.3	143.0	147.7	154.0	1955	33.5	32.6	33.2	34.1	33.8	34.4	32.0	33.1	31.9	31.8	32.7	36.5	36.3
1981	151.0	150.4	153.6											1956	32.7	34.2	32.3	31.9	31.8	30.2	30.1	30.6	30.3	30.7	34.2	36.6	39.3
														1957	34.4	37.0	36.8	36.3	35.2	34.3	34.5	33.2	33.5	31.5	32.7	34.6	33.8
														1958	28.6	30.9	29.1	28.6	27.2	26.9	27.2	26.7	26.5	27.9	25.4	32.5	34.0
														1959	32.1	32.8	32.0	32.8	33.1	33.3	33.2	32.6	30.5	32.5	33.1	27.1	32.1
1947	14.8	14.6	14.5	14.7	13.9	14.0	14.7	14.4	14.4	15.1	15.6	15.8	16.1	1960	31.9	35.5	34.4	33.3	31.4	32.3	30.9	30.1	28.0	31.7	32.8	31.8	31.1
1948	15.1	15.7	15.4	15.2	14.6	14.2	14.5	14.4	15.0	15.3	15.6	15.6	15.5	1961	29.5	28.8	27.5	27.7	28.3	29.6	29.8	29.3	27.1	26.8	29.8	34.5	34.8
1949	12.9	14.6	14.3	13.7	12.8	12.3	11.9	11.5	11.8	12.6	13.1	12.9	13.6	1962	33.9	32.4	32.1	32.4	32.9	33.8	33.7	33.5	29.6	35.2	36.2	37.1	37.8
1950	16.6	13.7	14.1	14.4	14.9	15.5	15.5	15.8	17.0	17.9	19.8	20.1	20.4	1963	36.6	36.4	35.6	35.7	35.3	36.6	36.9	35.7	31.1	37.2	39.0	39.6	40.0
1951	20.3	19.8	20.0	20.3	20.3	20.0	20.1	19.2	19.7	20.6	20.8	21.3	21.9	1964	37.7	37.8	37.3	37.3	38.2	38.3	38.4	36.6	33.9	40.2	30.9	40.1	43.3
1952	22.9	22.1	22.1	22.2	21.6	21.5	21.7	20.5	22.0	24.0	25.0	25.7	26.8	1965	43.8	42.5	42.0	43.1	42.1	43.7	43.8	41.7	38.5	43.9	46.7	48.6	49.4
1953	27.1	27.0	27.6	28.1	28.0	27.4	27.5	26.4	27.0	27.2	26.9	26.4	25.7	1966	49.7	48.2	48.6	48.7	49.4	49.0	49.2	46.4	43.9	52.0	53.5	53.7	53.6
1954	23.3	24.3	24.3	23.7	22.9	22.5	22.2	21.6	22.2	23.0	23.7	24.4	24.2	1967	50.0	50.8	48.8	48.7	48.5	50.5	50.5	47.0	46.9	49.9	49.8	51.7	56.5
1955	25.5	23.8	24.2	24.3	24.6	24.9	25.0	24.2	25.2	26.1	28.1	27.9	27.9	1968	57.1	56.0	54.7	56.1	53.8	57.8	57.7	55.6	49.3	59.3	60.8	61.8	61.9
1956	28.5	27.3	26.9	26.8	28.5	28.1	27.9	27.2	28.1	29.4	30.3	30.5	30.5	1969	58.3	59.6	57.8	58.5	57.5	57.1	59.1	57.2	57.1	61.7	60.9	59.2	60.9
1957	28.7	29.5	29.4	29.1	28.4	27.9	28.5	27.6	28.6	29.4	28.8	28.7	28.1	1970	50.6	55.7	50.8	54.4	52.1	53.5	55.2	50.4	47.9	53.4	39.6	39.4	54.6
1958	26.4	26.9	26.0	25.6	24.7	24.4	25.0	24.7	25.6	27.6	26.6	29.4	29.7	1971	54.8	56.1	55.2	55.0	52.5	55.8	56.3	50.0	50.4	53.4	55.8	56.2	60.4
1959	31.5	29.5	29.5	29.7	29.7	30.5	31.5	30.9	32.0	33.5	34.0	33.0	34.4	1972	62.2	57.1	58.5	59.9	61.7	62.3	62.2	52.9	57.8	65.6	65.7	68.6	73.7
1960	32.9	34.2	33.7	33.4	32.1	32.5	32.9	31.8	32.6	33.7	32.5	33.1	32.1	1973	72.5	70.1	71.9	70.3	72.6	72.7	74.2	71.5	65.9	74.5	74.4	74.7	77.7
1961	33.5	32.4	32.1	31.9	31.9	32.5	33.2	32.6	33.8	34.0	35.4	36.1	36.7	1974	71.4	68.2	65.3	65.3	64.6	71.4	72.6	70.0	69.5	78.3	80.6	76.3	74.5
1962	37.1	35.8	35.9	36.2	36.5	36.9	37.6	36.7	36.9	38.5	38.3	38.1	38.2	1975	70.8	65.7	61.5	64.4	66.0	68.6	71.1	69.0	68.9	76.6	76.3	77.2	84.7
1963	37.1	37.2	36.8	36.3	35.9	36.6	37.4	36.4	36.4	38.0	38.0	37.8	38.3	1976	85.3	79.4	80.2	83.6	79.7	87.4	89.0	81.8	82.4	88.5	83.9	91.5	96.4
1964	38.2	36.9	36.9	36.8	36.8	36.9	37.4	37.3	38.1	39.4	39.8	40.4	41.5	1977	100.0	91.3	88.5	94.9	96.4	100.4	103.7	99.1	93.1	105.3	106.9	106.6	113.8
1965	43.6	40.5	40.9	41.4	40.8	42.3	43.4	42.2	43.3	45.0	46.5	47.6	49.3	1978	115.4	103.1	101.0	108.4	111.5	113.0	114.4	111.4	105.5	122.1	126.5	130.2	138.3
1966	52.2	48.6	49.4	49.4	50.4	51.1	52.4	50.6	52.9	55.0	55.5	55.7	55.6	1979	125.0	128.2	127.5	131.1	114.9	131.4	128.1	122.0	110.7	123.3	126.1	122.0	134.3
1967	53.3	54.4	53.3																								

See footnotes at end of tables.

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 38—INSTRUMENTS AND RELATED PRODUCTS														SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													
1947	14.4	14.1	14.2	14.6	14.5	14.3	14.5	13.5	13.9	14.4	14.6	14.8	15.0	1960	41.2	38.8	39.7	40.7	40.2	41.4	42.6	40.3	43.0	43.5	44.2	42.2	38.0
1948	15.1	15.0	15.0	15.1	14.8	14.6	15.0	14.5	15.1	15.4	15.4	15.3	15.3	1961	40.7	36.9	38.0	38.1	38.7	39.6	41.4	39.1	41.3	43.4	45.0	44.8	42.4
1949	13.7	14.8	14.3	14.2	13.8	13.6	13.3	12.9	12.8	13.2	13.5	13.7	13.9	1962	43.4	39.3	40.2	41.6	42.7	43.5	44.5	42.8	44.8	46.6	47.0	45.4	42.8
1950	16.0	13.6	13.8	13.9	14.2	14.5	14.9	14.9	16.1	17.8	18.7	19.4	19.9	1963	44.1	40.1	41.4	42.1	42.0	43.3	44.0	42.8	45.9	47.7	48.3	47.2	44.6
1951	21.4	19.5	20.1	20.5	21.0	21.2	21.2	20.8	21.4	22.1	22.4	23.0	23.3	1964	46.2	40.5	43.1	43.9	44.5	45.0	46.7	44.7	47.8	49.0	51.0	50.3	48.3
1952	24.8	23.4	23.5	23.9	23.7	23.9	24.0	23.1	24.4	25.8	26.5	27.2	28.0	1965	50.5	45.1	46.6	47.8	47.4	48.7	50.0	48.3	52.4	53.9	56.3	55.9	53.7
1953	27.9	27.4	27.4	28.2	27.7	28.1	28.5	27.3	27.6	28.2	28.4	28.3	28.2	1966	54.4	48.4	50.9	52.3	52.5	54.0	55.5	51.7	56.2	57.5	59.2	58.9	55.3
1954	24.7	26.6	26.3	25.6	24.7	24.1	23.9	23.3	23.3	24.3	24.4	24.7	24.9	1967	55.3	52.6	52.0	53.4	53.8	54.3	55.5	52.6	56.4	58.1	59.4	59.6	56.2
1955	25.8	24.7	25.0	25.3	25.0	24.3	25.8	25.1	25.6	26.7	27.1	27.2	27.4	1968	59.2	53.0	56.2	56.8	54.9	58.2	59.8	56.8	61.3	63.0	64.8	64.6	61.6
1956	27.8	27.0	27.1	27.1	27.6	27.4	27.3	27.1	27.8	28.7	29.0	28.9	29.2	1969	63.1	58.0	56.6	60.2	61.1	62.0	64.0	60.7	64.7	66.5	68.4	67.8	66.7
1957	28.3	28.8	28.8	28.8	28.6	27.8	28.1	27.4	28.0	28.7	28.2	28.1	27.9	1970	63.5	61.7	62.5	63.2	62.5	62.4	63.7	60.7	64.6	65.4	66.0	65.9	63.5
1958	26.4	27.2	26.4	26.0	25.8	25.1	25.5	25.1	25.6	27.0	27.0	27.9	28.3	1971	64.7	59.4	59.6	61.1	61.9	63.2	64.9	62.5	67.4	68.7	69.9	69.6	68.1
1959	30.4	28.3	28.8	29.1	29.2	29.6	30.7	30.3	30.8	31.5	31.8	31.9	32.5	1972	73.7	65.6	68.4	69.9	71.3	71.5	74.2	70.0	76.1	77.8	80.1	81.6	78.3
1960	31.4	31.7	31.8	32.3	31.4	31.7	31.7	31.1	31.5	31.4	31.1	31.1	30.2	1973	80.9	74.1	76.9	78.5	78.4	80.0	81.4	77.7	82.2	85.1	86.2	87.1	83.4
1961	31.3	30.7	30.0	30.1	30.4	31.2	30.7	31.6	32.1	32.5	33.1	33.1	33.1	1974	85.4	79.5	81.8	84.2	81.5	86.7	89.0	84.7	90.1	90.3	89.4	86.6	80.5
1962	33.2	32.5	32.5	32.6	33.0	32.9	33.4	32.6	33.4	33.6	33.6	34.0	34.0	1975	80.4	74.9	74.0	73.9	75.3	76.3	79.3	76.9	83.1	87.3	88.5	88.6	86.7
1963	33.8	33.2	33.4	33.3	32.9	33.4	34.0	33.4	33.9	34.5	34.4	34.4	34.5	1976	91.1	83.7	85.0	87.7	86.1	91.4	93.1	88.5	92.7	95.8	97.7	97.2	94.7
1964	34.3	33.0	33.5	33.3	33.5	33.5	34.4	33.9	34.4	35.1	35.0	35.9	36.3	1977	100.0	89.2	95.4	96.9	97.2	100.0	102.0	94.8	101.1	104.8	106.5	107.4	104.8
1965	38.1	35.7	36.0	36.5	35.7	36.6	38.2	37.9	38.5	39.6	40.2	41.1	41.6	1978	110.7	98.1	101.4	106.9	108.5	110.1	113.1	105.9	113.6	117.3	119.4	119.9	114.2
1966	45.0	42.0	43.0	43.7	43.6	44.7	45.7	44.5	45.3	46.4	46.9	47.0	47.6	1979	116.9	110.3	111.9	114.6	110.0	114.6	118.3	112.0	119.7	122.9	124.2	124.0	120.4
1967	47.3	47.0	46.2	47.0	46.7	46.4	47.2	46.4	47.2	47.8	47.7	48.4	49.4	1980	117.2	116.3	116.5	119.4	118.8	116.1	114.9	108.5	115.5	119.8	119.6	121.1	119.7
1968	48.8	47.6	48.2	47.9	46.0	47.6	48.5	46.9	48.9	50.0	50.3	51.3	52.0	1981	116.1	117.2	120.8										
1969	53.5	51.2	50.7	52.7	52.5	53.2	54.1	52.7	54.0	55.0	54.9	55.1	55.7	SIC 20-23,26-31—NONDURABLE GOODS													
1970	52.7	53.9	53.9	54.8	54.0	53.1	53.2	51.8	51.9	51.9	51.5	51.4	51.4	1947	24.3	23.2	23.4	23.4	22.9	22.9	23.2	23.8	25.0	25.9	25.8	25.8	26.4
1971	50.8	50.0	49.3	49.6	48.8	49.8	50.7	50.1	50.8	52.1	51.8	52.6	53.9	1948	26.3	25.9	25.9	25.8	24.8	25.0	26.1	26.3	27.3	28.1	27.1	26.9	26.6
1972	57.6	53.0	53.8	54.5	55.4	56.2	57.9	56.8	58.2	59.9	60.1	61.7	63.4	1949	25.4	25.5	25.4	25.1	23.9	23.8	24.3	24.7	25.9	27.0	26.9	25.9	26.0
1973	67.5	62.3	63.3	64.4	63.3	66.2	66.7	66.2	67.9	70.6	70.8	73.0	75.1	1950	27.6	25.8	26.0	25.9	25.2	25.4	26.3	27.2	29.4	29.8	30.1	29.8	30.3
1974	76.2	72.6	74.1	74.6	72.9	75.7	77.4	75.4	78.2	79.3	78.4	78.1	78.1	1951	29.9	30.1	30.2	29.9	29.3	28.9	29.6	29.7	30.2	30.7	29.8	29.7	30.4
1975	73.5	74.0	72.0	70.7	70.1	70.1	71.2	70.3	72.3	75.1	76.0	78.7	81.1	1952	30.8	29.7	29.7	29.7	28.7	28.5	30.0	30.4	32.0	33.0	32.7	32.6	32.9
1976	86.7	79.8	80.6	82.0	81.7	86.4	87.4	86.8	88.0	88.9	90.1	92.6	96.4	1953	32.7	32.1	32.2	32.6	31.9	32.0	32.6	32.9	33.9	34.0	33.3	32.6	32.3
1977	100.0	93.4	96.4	96.4	96.3	98.3	100.1	98.2	100.0	102.9	103.6	105.6	108.9	1954	31.7	31.0	31.2	31.2	30.2	30.5	31.3	31.3	32.4	33.2	32.6	32.7	32.7
1978	115.8	105.6	108.1	111.1	112.1	113.2	116.1	114.6	117.3	119.4	120.1	123.7	127.9	1955	34.0	31.9	32.3	32.7	32.2	32.9	33.7	33.7	35.1	35.9	36.0	35.9	35.9
1979	131.5	125.7	128.1	129.8	125.8	129.8	132.0	129.4	129.6	132.0	134.8	138.1	142.4	1956	35.9	35.0	34.9	35.3	34.8	34.6	35.4	35.4	36.9	37.7	37.6	36.8	37.0
1980	144.3	141.6	141.7	143.3	141.5	142.0	144.8	140.4	142.2	143.6	145.3	150.2	154.5	1957	36.4	35.8	35.8	35.8	35.2	35.3	36.1	36.5	37.6	38.3	37.2	36.5	36.3
1981	152.6	151.5		153.0										1958	35.7	35.1	34.5	34.0	33.5	33.9	35.1	35.5	37.3	37.9	37.5	37.4	37.3
														1959	38.7	36.8	36.9	37.5	37.3	37.7	38.6	39.0	40.5	41.2	39.9	39.7	39.7
SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES														1960	39.4	38.8	38.6	38.6	38.2	39.1	39.9	40.1	41.0	41.0	40.4	39.5	38.0
1947	29.1	28.8	28.9	29.2	28.6	27.8	27.2	25.9	27.3	29.6	31.1	32.1	32.4	1961	40.0	37.8	37.8	38.2	38.3	38.7	40.2	40.3	41.8	42.0	42.1	41.8	41.4
1948	30.9	30.2	31.0	30.9	30.2	30.0	30.1	28.5	31.0	32.1	33.0	32.8	31.2	1962	42.0	40.2	40.2	40.8	41.3	41.4	42.5	42.5	43.6	44.2	43.0	42.6	42.1
1949	27.9	28.9	29.3	27.7	26.0	25.5	26.0	24.0	26.4	29.2	31.1	30.9	29.3	1963	42.8	40.9	40.9	41.5	41.1	42.0	43.0	43.0	44.4	45.2	44.6	43.7	43.7
1950	31.5	27.2	27.9	28.2	28.4	28.7	29.3	28.4	33.4	35.7	37.8	37.2	36.3	1964	44.5	41.9	42.6	42.9	42.9	43.6	44.5	44.4	46.3	46.8	46.3	46.0	46.1

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 20-23,26-31—NONDURABLE GOODS														SIC 21—TOBACCO MANUFACTURES													
1971	66.5	63.0	63.0	63.5	64.0	65.1	66.9	66.5	68.9	69.9	68.5	68.7	69.8	1947	32.4	34.3	31.9	30.1	28.0	26.3	28.5	29.6	34.3	37.9	38.2	35.6	34.5
1972	70.5	65.8	66.5	67.5	68.1	68.6	71.1	70.0	73.0	74.1	73.6	73.8	74.1	1948	32.6	32.0	30.1	30.0	29.9	29.2	30.1	29.7	36.1	37.3	38.9	34.4	33.8
1973	76.2	71.2	72.6	73.6	73.8	74.1	76.3	75.5	78.5	80.0	79.4	80.1	79.8	1949	31.5	30.6	29.3	29.0	27.2	28.0	29.9	29.2	36.0	37.6	34.6	33.0	33.1
1974	79.9	77.2	77.1	77.5	75.7	78.7	81.6	80.8	84.1	84.6	82.6	80.3	78.2	1950	32.5	33.3	29.3	28.6	27.4	28.2	29.0	29.4	36.2	40.6	38.3	34.4	35.6
1975	79.3	73.6	71.9	72.3	72.8	74.9	78.3	78.5	83.8	86.2	86.0	86.3	87.4	1951	35.1	34.8	32.5	30.3	29.8	29.0	30.8	30.0	38.0	43.2	43.2	39.7	39.9
1976	90.4	85.9	86.2	87.1	86.1	87.5	89.5	89.5	92.6	96.0	94.2	94.6	95.1	1952	36.8	36.9	33.3	31.6	28.6	31.9	32.9	32.7	41.6	44.5	45.0	41.0	41.9
1977	100.0	91.7	93.9	95.2	96.2	97.6	101.4	99.9	103.7	105.6	104.3	104.9	105.7	1953	38.1	38.7	35.3	34.3	33.4	32.8	32.9	33.7	42.5	44.5	44.7	40.6	43.5
1978	110.2	101.5	103.1	106.1	106.6	107.5	111.0	110.0	113.5	115.7	114.2	115.9	116.8	1954	39.0	37.6	34.8	33.6	33.6	34.3	35.8	36.0	43.0	46.2	47.9	41.6	43.2
1979	119.9	113.7	113.8	116.1	113.5	117.0	120.2	119.5	123.2	125.4	124.5	125.3	125.9	1955	41.0	39.2	37.6	36.2	33.8	36.7	38.2	36.0	45.9	49.5	50.0	43.9	44.6
1980	126.2	122.1	120.7	121.6	121.6	122.2	123.9	122.0	129.4	131.9	131.3	132.8	134.7	1956	42.5	41.7	37.5	37.2	36.8	38.1	39.2	37.3	46.7	52.1	49.1	46.6	47.1
1981		132.1	131.7	133.3										1957	41.8	44.1	41.5	37.7	35.7	38.2	38.0	38.0	44.8	49.7	46.2	42.8	45.1
SIC 20—FOOD AND KINDRED PRODUCTS														1958	43.7	44.4	40.7	38.0	37.7	38.5	39.7	39.3	47.6	51.7	50.5	46.9	49.0
1947	25.7	23.3	22.3	22.0	22.3	23.2	24.7	27.1	30.2	30.8	28.4	27.4	26.9	1959	45.1	44.1	41.5	39.7	38.8	39.9	40.6	40.6	52.1	56.3	52.8	46.7	48.5
1948	26.9	24.9	24.2	23.9	23.0	24.1	27.2	29.2	29.3	32.7	29.6	28.0	27.1	1960	45.3	45.8	41.8	37.8	39.3	41.2	42.4	41.2	46.4	56.0	55.2	47.8	48.7
1949	27.2	25.3	24.5	24.4	24.4	25.5	26.9	28.9	30.9	31.0	29.6	27.6	26.8	1961	46.1	44.7	42.4	40.0	40.9	40.1	42.2	39.0	50.6	59.5	55.7	47.7	50.0
1950	28.2	25.6	24.7	24.9	24.9	25.9	27.5	30.1	32.2	32.7	30.8	29.8	29.7	1962	47.0	43.7	43.5	42.0	41.2	41.2	41.5	40.3	51.5	61.6	55.8	50.6	51.3
1951	30.6	28.5	27.4	27.3	27.6	28.2	30.3	32.3	34.3	35.4	33.5	31.7	31.0	1963	47.3	46.7	42.9	41.7	38.1	42.2	43.4	41.3	53.6	56.5	56.1	53.0	52.0
1952	32.1	29.3	28.9	28.8	29.0	29.8	32.3	34.1	35.5	36.9	34.7	33.5	32.6	1964	49.8	46.3	42.5	44.3	44.7	44.3	45.4	44.5	53.3	57.6	61.9	55.1	57.5
1953	33.8	31.1	30.4	30.5	30.3	31.7	33.3	35.7	37.4	39.5	36.9	35.4	33.5	1965	49.5	49.1	47.7	45.5	42.5	43.9	45.0	44.7	52.5	58.3	58.2	52.0	54.8
1954	34.1	31.9	31.0	31.1	31.1	32.2	33.9	35.8	37.5	38.9	36.2	35.1	34.0	1966	51.0	49.7	51.2	46.8	45.8	44.7	46.2	45.1	52.7	58.5	57.1	54.7	59.7
1955	35.6	32.2	31.5	31.7	32.3	33.7	35.1	37.2	39.4	40.3	39.3	38.1	36.7	1967	54.0	53.7	48.3	48.1	48.7	47.5	50.7	50.2	57.4	60.8	63.0	59.7	60.0
1956	38.0	35.1	34.0	34.5	34.4	35.6	37.7	39.1	41.9	44.1	41.7	39.8	38.1	1968	56.6	50.5	54.5	50.9	43.0	50.7	53.5	51.9	65.4	69.6	66.1	61.2	61.5
1957	38.3	35.8	35.2	35.0	35.2	36.3	38.3	40.5	42.1	43.5	40.6	38.8	38.0	1969	57.0	55.4	53.4	49.8	47.6	50.6	55.7	52.0	63.0	69.8	66.2	61.4	59.3
1958	38.8	36.3	35.2	34.7	35.2	36.4	38.8	40.4	43.3	44.1	41.9	40.5	39.0	1970	63.6	61.0	58.8	55.2	55.6	55.1	58.5	57.7	69.7	73.5	74.9	70.3	72.6
1959	40.6	37.6	36.9	37.0	37.6	38.5	40.7	41.8	45.4	45.8	42.8	41.9	40.8	1971	63.4	64.2	58.2	56.7	58.1	60.3	59.4	55.9	69.5	74.6	67.4	66.9	69.1
1960	41.8	39.4	37.9	38.0	38.8	39.8	41.6	43.9	45.9	47.2	45.4	42.5	40.7	1972	68.0	64.4	62.7	62.3	61.4	61.7	64.7	63.0	73.5	74.7	76.4	74.5	76.7
1961	42.4	39.3	38.6	38.8	39.0	40.2	42.7	44.4	46.6	47.6	46.1	43.9	42.1	1973	78.8	67.6	70.3	70.5	71.8	71.3	74.5	69.8	87.5	87.4	92.1	93.3	89.7
1962	43.4	40.0	39.1	39.4	40.6	41.5	43.4	45.9	47.5	49.2	46.3	44.4	43.2	1974	84.2	83.8	77.9	74.1	76.7	78.2	75.6	77.2	91.7	96.2	95.9	90.8	92.6
1963	44.1	41.0	40.0	40.7	40.3	41.8	44.0	45.8	48.3	50.0	47.8	45.5	44.2	1975	90.7	87.1	84.8	85.2	81.6	77.9	87.3	77.1	95.8	101.6	100.6	107.1	101.9
1964	45.1	42.0	41.1	41.1	41.8	43.0	44.6	46.3	49.4	50.6	48.4	46.8	45.8	1976	99.4	101.5	95.9	91.5	91.1	90.7	94.2	87.7	103.0	105.6	109.7	110.8	111.4
1965	46.5	43.8	42.3	42.7	42.2	44.1	45.8	48.3	50.8	51.7	50.2	49.0	47.3	1977	100.0	97.9	105.5	92.2	92.7	87.5	95.6	87.1	103.6	109.2	107.6	109.8	111.2
1966	49.0	45.1	44.6	44.8	45.1	45.9	48.7	51.5	54.3	54.8	52.5	51.3	50.0	1978	109.7	104.5	104.0	105.6	99.6	100.4	111.2	98.8	112.3	119.5	116.5	120.5	124.1
1967	51.4	48.0	46.8	47.5	47.4	48.7	51.3	53.0	54.9	57.9	55.1	53.5	52.1	1979	117.5	111.5	108.4	112.5	109.4	112.9	112.9	104.9	121.5	133.1	129.9	123.1	130.3
1968	54.5	49.3	48.5	49.0	49.0	51.3	55.0	56.7	60.8	61.7	59.1	57.0	56.4	1980	132.9	121.2	120.5	120.4	121.8	120.3	127.9	122.7	135.4	143.0	154.4	157.1	149.9
1969	58.2	53.5	52.8	53.3	53.2	54.5	57.5	60.2	65.1	66.0	61.4	61.1	59.6	1981		153.1	149.9	140.4									
SIC 22—TEXTILE MILL PRODUCTS														SIC 22—TEXTILE MILL PRODUCTS													
1970	61.9	57.5	56.6	57.0	56.5	58.6	61.4	63.4	68.6	69.0	66.1	64.8	63.7	1947	39.3	38.5	39.7	40.1	38.8	37.9	36.8	36.1	36.7	39.1	40.4	42.7	44.8
1971	65.8	61.3	60.2	60.2	60.6	62.3	65.5	68.3	72.8	73.9	68.4	67.4	68.0	1948	44.3	44.9	46.0	46.6	45.3	44.9	42.4	44.0	43.6	43.1	43.1	43.2	
1972	69.6	64.5	63.2	64.7	64.9	66.1	70.2	72.1	76.5	77.6	73.8	71.3	70.8	1949	38.5	40.9	40.7	38.5	35.2	34.5	35.2	34.5	36.6	39.2	41.5	42.3	42.7
1973	72.8	67.3	66.6	66.8	66.2	68.3	71.4	74.0	79.3	81.1	78.6	77.5	76.9	1950	44.6	42.1	42.8	42.4	40.3	40.0	41.4	41.4	45.6	47.4	50.3	50.8	51.0
1974	79.1	73.6	72.2	73.1	71.2	75.1	78.5	81.1	88.2	89.5	84.7	81.5	80.0	1951	46.0	51.1	52.0	49.3	48.5	46.9	46.5	43.6	42.0	42.0	42.2	43.0	45.4
1975	83.4	75.3	73.9	75.3	74.6	76.9	81.4	84																			

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100													
SIC 22—TEXTILE MILL PRODUCTS														SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS													
1960	41.6	42.6	42.3	42.2	42.1	43.2	43.5	41.8	42.2	40.3	40.4	40.1	38.6	1971	71.5	67.6	69.2	71.1	69.4	71.0	71.7	68.1	73.0	73.3	74.2	75.4	74.0
1961	41.0	37.8	38.3	38.9	39.4	40.4	41.7	40.6	42.2	42.5	43.4	43.9	43.4	1972	77.6	71.8	75.1	75.6	75.7	74.9	76.9	72.1	79.5	81.2	82.6	84.3	81.9
1962	43.5	41.9	42.4	43.6	43.7	44.2	44.9	43.4	43.8	43.6	43.7	43.7	43.0	1973	85.2	77.7	83.4	85.9	85.4	84.8	86.3	79.7	87.0	88.4	88.7	89.1	85.5
1963	43.3	41.5	42.1	42.5	41.9	43.0	44.0	42.4	43.3	43.7	44.5	45.3	44.9	1974	84.5	81.6	84.4	84.3	81.3	86.0	85.7	83.1	87.9	88.4	88.1	84.4	78.2
1964	45.9	43.1	44.4	44.5	44.7	45.5	46.2	44.8	46.2	45.8	48.2	48.7	48.6	1975	81.7	73.3	72.9	73.8	75.4	76.8	80.9	78.2	84.6	88.5	91.4	92.1	92.4
1965	50.6	47.5	48.5	49.0	48.2	49.3	50.5	50.1	52.0	52.1	52.9	53.6	53.5	1976	95.1	91.7	94.2	97.1	93.5	96.4	98.2	91.5	95.1	95.9	95.9	96.6	95.0
1966	55.4	52.6	53.8	54.4	53.6	55.2	57.7	55.1	57.2	56.8	56.7	56.6	55.5	1977	100.0	89.9	96.1	98.3	96.3	98.8	103.7	95.6	101.4	103.4	105.1	105.7	105.7
1967	56.1	54.4	53.4	53.9	53.6	54.2	55.5	53.2	56.1	58.4	59.5	60.2	60.6	1978	110.2	97.8	105.0	109.9	110.8	110.5	113.7	105.9	111.9	114.3	113.4	115.0	113.6
1968	62.7	56.8	61.0	61.2	58.9	61.4	63.6	61.2	64.9	65.7	65.8	66.0	66.0	1979	114.5	111.2	112.8	115.4	110.3	114.8	117.5	111.4	114.2	115.2	117.2	116.5	117.0
1969	66.4	63.7	63.0	65.2	64.4	64.9	67.3	65.8	67.8	68.5	68.2	69.1	69.2	1980	120.3	115.4	118.9	120.8	117.9	117.1	120.9	112.1	121.4	123.7	125.3	124.7	125.7
1970	65.7	66.5	66.1	66.1	65.8	64.9	66.5	63.8	65.1	64.2	65.7	66.4	65.8	1981		123.0	125.0	129.6									
1971	68.6	66.3	66.2	66.7	66.8	68.1	69.8	66.7	69.3	69.4	70.2	71.3	72.9	SIC 26—PAPER AND ALLIED PRODUCTS													
1972	77.2	73.1	74.5	76.0	76.1	75.8	78.3	74.1	77.5	78.3	78.9	80.8	82.9	1947	15.3	14.4	14.6	14.7	14.7	14.8	15.1	15.1	15.3	15.6	15.9	16.2	16.5
1973	84.0	78.1	82.4	83.6	84.2	82.7	84.7	80.3	83.8	86.3	85.8	87.7	88.2	1948	16.9	16.2	16.3	16.3	16.0	16.3	16.7	16.8	17.4	17.6	17.6	17.8	17.5
1974	83.6	85.0	85.0	84.8	80.9	84.9	90.6	86.0	87.5	85.8	81.2	78.0	73.1	1949	16.3	16.8	16.3	16.0	15.3	15.2	15.3	15.5	15.9	16.9	17.5	17.5	17.3
1975	79.3	67.0	65.8	67.4	70.6	75.1	78.8	76.7	83.8	89.1	91.2	92.1	93.3	1950	19.0	17.0	17.1	17.3	17.5	17.5	18.5	18.8	19.8	20.3	20.6	21.4	22.0
1976	92.8	91.7	91.9	91.9	87.3	92.2	93.9	92.4	94.6	94.3	94.3	95.8		1951	21.4	21.6	21.4	21.7	21.9	21.8	21.7	21.3	21.2	21.2	21.1	21.1	21.2
1977	100.0	92.5	95.3	96.8	97.1	98.1	101.1	99.2	102.8	103.6	103.4	105.3	104.9	1952	21.7	20.9	20.8	20.9	20.1	20.5	21.2	20.9	21.9	22.4	23.1	23.2	23.8
1978	106.7	101.0	102.8	104.3	103.8	104.7	106.7	104.1	109.0	110.9	109.4	111.4	112.4	1953	24.0	23.2	23.2	23.6	23.5	23.5	24.0	24.2	24.7	24.9	24.7	24.6	24.5
1979	113.8	110.1	109.5	111.1	104.6	110.2	113.1	110.1	116.0	118.4	118.8	121.5	122.3	1954	24.4	23.7	23.7	23.9	23.3	23.7	24.4	24.3	24.7	25.1	25.3	25.4	25.2
1980	118.3	120.5	119.9	120.8	116.9	114.6	112.2	107.2	117.0	120.1	121.0	123.7	125.7	1955	26.8	24.8	25.0	25.4	25.5	25.8	26.6	26.9	27.6	28.1	28.4	28.4	28.4
1981		122.0	121.9	122.8										1956	28.8	27.9	27.2	27.9	27.9	28.0	28.7	29.1	29.3	29.8	29.7	29.5	30.0
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS														1957	29.9	29.3	29.3	29.2	29.1	29.8	29.7	30.3	31.1	30.9	30.5	30.4	
1947	30.1	30.7	31.8	31.5	27.9	26.8	27.1	27.5	29.7	30.9	32.7	31.0	33.0	1958	30.1	29.4	28.8	29.0	28.8	29.1	29.6	31.1	31.7	31.8	31.6	31.5	
1948	32.2	33.7	34.0	33.8	30.2	29.6	30.1	30.0	33.5	34.2	31.9	32.9	32.2	1959	33.2	31.7	31.6	31.9	32.1	32.6	33.6	33.5	34.0	35.0	34.4	34.3	34.2
1949	30.9	31.6	33.5	33.0	28.8	27.6	27.8	27.9	31.6	34.5	33.4	30.0	31.6	1960	34.4	33.8	33.5	33.6	33.5	34.4	35.1	34.7	35.2	35.6	35.3	34.6	33.7
1950	33.1	32.1	34.5	33.6	29.8	29.2	29.7	30.8	36.5	34.4	36.3	34.1	35.6	1961	35.8	33.7	33.8	34.0	34.7	34.9	36.3	36.2	36.9	37.3	37.2	37.5	37.4
1951	34.7	37.3	39.4	37.9	33.9	31.5	32.1	32.4	35.3	34.7	32.5	33.5	35.4	1962	37.6	36.1	35.9	36.6	36.8	36.9	38.2	37.9	38.4	39.0	38.4	38.1	38.5
1952	35.8	35.0	36.8	36.7	32.3	32.2	32.8	33.5	37.3	38.4	38.0	37.8	38.4	1963	38.9	37.6	37.3	37.9	37.3	38.2	39.3	39.3	40.0	40.3	40.1	39.6	39.9
1953	37.4	38.3	39.8	40.1	36.6	35.4	36.5	35.7	39.0	36.2	37.7	36.4	37.0	1964	40.4	38.5	38.7	38.8	39.3	39.8	40.9	40.7	41.7	42.1	41.8	41.1	41.7
1954	34.9	35.4	37.6	38.1	32.8	31.7	32.1	32.3	35.8	35.9	35.2	35.7	36.5	1965	43.0	41.0	40.9	41.4	40.6	41.9	43.2	43.2	43.8	44.6	44.6	44.9	45.4
1955	37.1	36.0	37.7	38.1	34.3	34.8	35.6	34.1	37.8	38.4	39.1	39.3	39.7	1966	46.8	44.1	44.3	45.0	45.5	46.3	47.8	47.7	48.2	48.2	48.0	48.6	48.2
1956	39.6	39.0	41.0	41.2	38.7	37.0	37.6	37.2	40.8	40.0	41.2	40.3	41.0	1967	48.8	47.3	46.6	47.3	46.6	47.0	49.4	49.5	50.3	50.3	50.2	50.4	51.3
1957	39.8	39.6	41.2	41.7	39.2	38.1	38.4	38.5	41.5	41.6	39.8	39.4	38.9	1968	52.9	49.5	49.7	49.8	49.3	51.6	53.5	53.8	54.8	55.5	55.2	55.9	56.7
1958	38.6	38.5	39.0	37.0	35.7	36.2	36.8	37.1	40.6	39.9	40.8	40.7	41.0	1969	57.9	55.3	54.5	55.7	55.5	56.6	58.8	58.6	59.5	60.1	59.5	59.8	60.6
1959	42.4	40.8	42.7	42.3	41.0	41.3	40.9	41.4	44.6	44.3	42.6	43.7	43.6	1970	59.1	58.8	58.1	58.3	58.1	58.2	59.6	59.0	60.1	60.5	59.0	59.7	60.0
1960	42.6	42.5	44.1	43.7	40.2	41.9	42.2	42.2	45.4	43.8	43.4	42.7	38.7	1971	60.9	58.6	58.1	58.5	59.2	58.4	61.3	60.6	62.5	63.6	62.7	62.9	64.7
1961	43.1	39.8	41.8	43.2	41.2	40.2	41.5	42.1	46.2	43.1	45.9	46.5	46.0	1972	67.9	62.8	63.5	64.2	65.3	65.9	69.3	68.9	70.3	70.6	70.6	71.5	72.3
1962	47.1	43.5	46.2	48.1	47.6	46.2	47.2	46.1	49.4	49.0	47.6	47.8	46.6	1973	73.9	69.5	70.3	71.1	71.1	71.6	74.1	74.1	75.6	76.5	76.5	77.9	78.5
1963	48.7	45.7	47.8	49.2	46.3	47.7	47.8	47.6	51.1	51.4	51.7	49.4	49.3	1974	78.6	77.5	75.8	76.8	75.8	77.6	81.4	80.4	81.7	81.7	79.6	78.2	77.2
1964	51.1	46.3	51.1	51.7	49.9	49.6	50.7	49.9	53.9	51.6	52.6	53.6	5														

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977=100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977=100													
SIC 27—PRINTING AND PUBLISHING														SIC 28—CHEMICALS AND ALLIED PRODUCTS													
1947	19.4	18.0	18.2	18.6	18.9	19.1	19.3	19.2	19.3	20.1	20.1	20.6	21.1	1960	31.8	31.1	31.2	31.3	32.7	32.3	32.5	32.2	32.0	32.0	31.5	31.5	31.2
1948	21.5	20.6	20.8	20.9	21.0	21.3	21.4	21.2	21.5	22.1	22.2	22.4	22.8	1961	32.5	31.2	31.0	31.6	32.0	32.3	32.9	32.9	33.0	33.0	33.4	33.6	33.6
1949	22.4	21.8	21.9	22.3	22.2	22.4	22.5	22.2	22.2	22.9	22.9	22.8	23.3	1962	34.5	33.6	33.6	33.8	34.7	34.9	34.8	34.8	34.8	35.0	34.8	34.8	35.0
1950	23.6	22.4	22.5	23.0	23.0	23.2	23.4	23.2	23.6	24.3	24.5	24.7	25.4	1963	35.9	34.6	34.7	35.2	36.7	36.2	36.2	36.3	36.2	36.4	36.3	36.1	36.5
1951	25.1	24.4	24.3	24.9	24.9	24.8	25.0	24.7	24.8	25.8	25.5	25.8	26.7	1964	37.3	35.8	36.0	36.6	37.0	37.4	37.6	37.5	37.7	38.9	37.4	37.8	38.2
1952	26.9	25.6	25.5	26.2	25.9	26.5	26.7	26.6	26.8	27.8	28.1	28.0	28.6	1965	39.9	38.0	38.3	38.9	40.1	39.9	40.0	40.1	40.6	41.2	40.4	40.7	41.0
1953	28.8	27.7	27.8	28.4	28.4	28.6	28.6	28.1	28.5	29.7	29.9	29.6	30.3	1966	43.6	40.6	41.3	41.7	42.9	43.1	44.3	44.4	44.7	44.8	44.8	45.1	45.0
1954	29.6	28.9	28.9	29.3	29.0	29.1	29.6	29.1	29.4	30.3	30.2	30.3	31.0	1967	46.2	44.5	44.5	45.0	46.1	45.4	46.1	46.6	46.6	46.7	47.1	47.7	48.1
1955	31.8	29.9	30.4	31.1	30.8	31.3	31.9	31.4	31.7	32.9	33.0	33.2	33.9	1968	50.3	47.8	48.3	48.6	49.4	49.4	50.4	50.5	51.2	51.6	51.4	52.1	52.9
1956	34.0	32.5	32.7	33.6	33.7	33.5	33.7	33.4	33.9	34.9	35.2	34.8	35.5	1969	54.5	52.1	52.5	53.4	54.2	54.2	55.2	55.2	55.5	55.0	55.0	55.7	55.9
1957	35.0	34.1	34.6	35.0	34.9	34.7	34.7	34.4	34.8	35.9	35.8	35.2	36.0	1970	56.1	55.4	55.4	55.8	55.6	55.4	55.9	56.3	56.4	57.8	56.2	56.2	56.3
1958	35.7	34.9	34.8	35.2	34.8	34.9	35.0	34.9	35.8	36.8	36.7	36.7	37.4	1971	58.6	56.0	56.3	56.6	58.2	58.1	59.2	59.0	59.0	60.7	59.4	59.6	61.0
1959	38.5	36.6	36.8	37.7	37.8	37.9	38.0	38.0	38.6	40.2	39.7	39.5	40.6	1972	63.6	60.7	61.1	61.6	62.2	62.7	64.4	63.6	63.8	64.9	65.3	65.7	66.8
1960	40.6	39.2	39.4	40.1	39.8	40.5	40.4	40.5	40.9	41.6	41.7	41.8	41.1	1973	69.5	65.7	66.0	67.1	68.0	68.1	70.0	70.5	70.4	71.2	71.5	72.7	73.2
1961	41.6	40.5	40.7	41.2	41.0	41.0	41.3	41.3	41.7	42.5	42.5	42.7	43.3	1974	76.3	72.6	72.4	73.4	74.2	74.2	76.8	77.4	78.4	79.6	79.6	79.0	77.6
1962	43.0	41.7	42.2	42.7	42.9	42.8	43.0	42.6	43.1	44.2	43.7	43.9	43.1	1975	77.4	74.5	73.3	73.2	73.2	74.7	76.8	76.9	78.5	80.2	81.2	82.5	83.8
1963	43.8	41.6	41.9	42.8	43.1	43.8	44.0	43.6	44.2	45.1	44.8	44.5	45.9	1976	89.2	83.6	84.6	85.9	87.8	87.4	88.6	89.7	90.2	92.9	92.2	93.1	94.3
1964	46.1	44.0	44.5	45.4	45.6	45.8	45.8	45.5	46.2	47.4	47.4	47.1	48.4	1977	100.0	92.9	94.3	96.0	98.2	98.9	101.4	101.2	101.6	102.8	102.9	103.9	105.8
1965	49.1	46.6	47.4	48.5	47.7	48.4	48.6	48.6	49.5	50.6	50.5	50.7	52.1	1978	111.5	104.4	105.8	108.1	109.3	110.6	112.5	112.4	112.8	114.1	114.6	116.1	117.5
1966	53.2	49.7	51.1	51.9	51.9	52.7	53.2	53.0	53.7	55.0	55.1	54.9	55.7	1979	121.9	116.1	116.0	117.7	120.2	119.7	122.7	122.4	123.0	124.1	125.1	127.2	128.3
1967	55.8	54.2	54.4	55.5	55.0	55.3	55.5	55.1	56.0	56.7	56.5	57.0	57.9	1980	130.2	127.4	127.3	128.8	130.0	129.3	129.7	127.2	128.2	130.6	131.7	134.8	137.1
1968	59.5	55.5	56.9	57.8	57.0	58.5	59.3	59.2	60.7	61.4	61.9	61.8	63.5	1981		136.2	137.4	139.4									
1969	64.7	61.3	61.5	63.2	63.0	63.1	64.4	64.4	65.3	66.5	67.0	67.4	69.2	SIC 29—PETROLEUM AND COAL PRODUCTS													
1970	67.4	66.0	66.3	67.6	66.8	66.3	67.1	66.9	67.3	68.5	67.8	68.1	69.6	1947	23.6	20.7	21.2	21.6	22.1	22.9	23.8	24.8	25.0	25.2	24.3	25.5	25.7
1971	69.6	66.9	67.3	68.0	68.1	69.1	69.8	69.2	69.7	71.1	70.8	71.2	73.6	1948	27.7	25.9	25.9	26.4	26.2	27.6	28.1	29.3	29.7	28.0	27.9	29.0	28.1
1972	75.5	71.1	71.5	73.6	74.5	74.3	75.2	75.3	76.0	78.6	78.0	78.6	79.6	1949	27.9	28.2	27.3	27.3	27.5	27.8	27.8	28.5	28.2	29.0	28.7	27.8	27.0
1973	80.3	76.4	77.6	79.2	79.2	79.5	80.0	80.1	80.2	82.3	81.7	82.7	84.5	1950	28.2	27.6	26.6	26.4	26.3	26.2	27.3	28.1	28.9	29.6	30.1	30.4	30.5
1974	83.3	80.9	81.4	82.0	80.4	83.1	84.2	83.0	84.9	85.3	84.7	84.0	85.7	1951	31.9	30.8	30.5	30.8	32.1	31.9	32.6	33.5	31.9	33.0	32.3	31.8	32.2
1975	83.1	81.8	81.0	81.2	80.2	81.0	81.6	81.6	84.1	85.2	85.0	85.5	88.5	1952	32.7	31.4	31.4	31.4	32.1	24.7	32.3	33.7	35.3	35.6	35.1	34.9	34.7
1976	89.6	85.0	85.2	86.6	86.3	88.4	88.3	88.9	90.3	93.0	92.4	93.8	96.5	1953	35.7	34.4	34.2	34.4	34.9	35.4	35.4	37.1	37.1	37.7	36.3	36.1	35.5
1977	100.0	92.7	94.7	96.5	96.9	98.3	99.5	99.1	101.1	104.0	104.4	105.2	107.5	1954	35.3	34.6	34.4	34.2	34.5	35.9	36.6	36.9	36.1	36.6	35.0	35.0	34.2
1978	110.2	102.9	104.3	108.2	108.0	107.5	109.4	109.6	111.4	112.6	113.0	116.5	119.3	1955	36.1	33.8	33.4	34.6	35.7	36.7	36.9	38.0	37.1	37.6	36.9	36.4	36.0
1979	121.8	115.2	116.8	119.4	115.6	119.4	120.5	120.9	123.3	125.5	125.3	128.1	130.9	1956	38.3	36.3	36.1	38.1	38.2	37.6	38.9	39.1	39.3	40.2	38.8	38.7	38.2
1980	131.7	127.2	127.6	129.0	127.4	128.7	128.5	128.6	132.0	135.1	135.1	137.0	143.9	1957	38.8	38.1	37.5	37.3	38.2	38.3	39.3	40.1	39.3	40.8	39.1	39.2	38.6
1981		138.9	139.4	141.6										1958	37.4	37.6	36.9	36.7	37.6	37.2	38.3	38.7	37.7	38.3	36.3	37.1	36.3
SIC 28—CHEMICALS AND ALLIED PRODUCTS														1959	37.4	36.8	34.7	38.4	37.9	38.1	38.4	38.5	36.4	38.6	37.1	37.2	36.8
1947	14.9	14.1	14.5	14.7	14.7	14.8	14.4	14.6	14.8	15.1	15.3	15.5	15.7	1960	37.2	36.6	36.5	36.3	37.3	37.7	38.4	38.8	37.9	38.4	37.0	36.4	35.7
1948	16.2	15.9	15.8	15.8	15.7	15.7	16.0	16.1	16.5	16.8	16.7	16.8	16.8	1961	36.8	36.9	35.3	35.8	36.8	36.9	38.3	37.5	37.4	38.1	37.5	36.0	34.6
1949	15.7	16.5	16.3	16.3	15.7	15.3	15.2	15.0	15.0	15.6	15.7	15.7	15.8	1962	36.2	37.0	35.5	35.5	36.5	36.8	37.6	38.1	36.9	36.5	35.1	34.9	34.4
1950	17.2	15.8	16.0	16.1	16.4	16.5	16.7	16.8	17.4	18.0	18.5	18.7	19.2	1963	35.9	34.9	34.0	34.5	36.5	36.2	37.0	37.4	36.6	37.2	36.0	35.5	34.9
1951	20.2	19.2	19.5	20.0	20.2	20.2	20.3	20.4	20.4	20.7	20.5	20.8	20.9	1964													

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														
SIC 29—PETROLEUM AND COAL PRODUCTS														SIC 31—LEATHER AND LEATHER PRODUCTS														
1971	55.2	49.8	50.8	50.8	53.6	55.0	56.9	58.5	58.0	58.7	57.5	56.5	56.6	1947	51.6	50.1	50.9	50.6	49.7	47.8	48.8	49.2	51.1	53.9	55.1	55.1	56.4	
1972	60.4	55.5	56.6	57.0	59.7	60.5	63.0	63.2	62.6	62.8	62.6	61.3	59.7	1948	52.3	56.1	57.0	54.7	49.5	47.2	50.7	51.2	54.1	53.8	52.1	49.7	51.1	
1973	63.2	58.6	57.1	58.6	60.9	62.7	64.9	66.7	66.6	67.5	65.2	65.8	64.2	1949	49.2	51.1	52.3	51.9	48.3	45.3	47.8	48.6	50.8	50.4	49.4	45.2	48.9	
1974	68.7	63.5	62.5	63.6	66.1	67.7	71.4	73.3	71.7	72.0	71.9	71.2	69.0	1950	53.7	50.8	53.4	53.5	48.6	47.3	50.8	53.3	58.2	57.6	57.2	56.0	57.6	
1975	74.7	62.0	63.8	68.8	69.1	73.4	76.0	80.3	79.6	81.6	81.0	81.7	79.5	1951	54.1	59.1	62.3	61.0	54.8	49.9	53.9	52.8	52.9	50.7	49.1	49.3	53.2	
1976	88.4	82.1	82.4	84.4	86.9	88.5	90.4	91.7	90.4	92.5	91.2	91.1	89.4	1952	59.0	55.4	58.2	58.4	55.1	54.3	57.2	57.5	62.5	61.3	61.2	61.2	65.1	
1977	100.0	86.8	88.0	93.1	98.0	99.8	103.7	105.9	103.5	105.4	106.0	104.8	104.9	1953	61.1	64.7	65.5	66.4	62.3	60.2	62.4	60.6	61.7	56.9	56.7	56.7	59.0	
1978	116.0	106.8	108.1	110.5	113.1	112.6	117.7	120.7	120.2	120.8	120.3	121.5	119.0	1954	57.5	58.7	60.6	60.4	54.9	53.0	56.4	57.4	59.0	56.3	55.7	58.2	59.5	
1979	127.8	116.0	117.2	124.0	127.7	127.9	129.0	132.2	130.2	134.8	132.3	134.4	127.7	1955	62.1	60.4	63.3	63.2	58.9	58.4	62.4	61.1	63.8	61.9	62.7	62.0	66.6	
1980	119.0	104.3	73.3	70.0	98.7	126.6	132.4	135.9	134.4	138.3	139.6	140.2	134.1	1956	65.0	67.4	69.8	67.9	63.0	61.6	64.7	64.7	65.9	63.3	63.1	63.5	65.3	
1981	140.1	142.0	142.4											1957	64.9	65.3	67.1	67.1	63.8	60.9	65.1	65.4	67.1	65.0	63.7	63.9	64.9	
SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS														1958	62.4	64.1	64.0	61.6	54.4	56.4	61.0	64.1	63.1	63.0	66.1	69.2		
1947	11.5	11.7	11.7	11.4	11.7	11.2	11.0	10.8	11.1	11.5	11.8	12.0	12.4	1959	69.0	70.1	70.7	69.2	66.2	67.2	70.6	69.8	70.8	68.3	66.9	68.6	69.6	
1948	11.4	11.9	11.4	10.9	10.7	10.8	11.3	11.2	11.9	11.9	11.8	11.7	11.4	1960	66.6	69.4	68.3	67.9	62.8	64.3	68.7	69.0	70.5	64.9	64.5	65.8	63.2	
1949	10.3	10.9	10.6	10.3	10.1	10.1	10.1	9.8	10.0	10.1	10.9	10.6	10.7	1961	68.1	67.6	67.5	66.7	63.5	65.2	69.5	69.0	70.1	67.0	67.5	70.8	72.7	
1950	12.8	11.0	11.0	11.1	11.6	12.2	12.7	12.9	13.6	14.1	14.4	14.6	15.0	1962	71.0	72.5	71.9	71.8	69.6	68.9	72.7	71.6	73.6	70.6	68.2	70.1	71.0	
1951	14.7	14.5	13.8	14.2	14.2	14.7	15.3	14.9	14.8	15.0	14.4	14.9	15.7	1963	69.9	69.9	69.6	68.8	64.2	66.6	70.9	70.1	73.0	71.5	71.5	70.1	73.0	
1952	15.9	15.8	15.5	15.3	15.0	15.5	15.8	14.5	15.4	16.1	16.7	17.3	18.1	1964	72.6	69.1	72.0	71.1	68.0	70.4	74.3	74.2	76.0	72.6	72.8	74.0	76.7	
1953	17.6	17.9	18.1	18.5	18.4	18.2	18.2	17.8	17.6	17.2	16.9	16.6	16.4	1965	76.7	74.9	76.1	76.2	71.8	74.7	76.8	76.0	78.8	77.1	76.8	78.9	81.6	
1954	15.9	15.9	15.7	15.3	15.0	15.6	16.1	13.8	14.1	15.9	17.0	17.5	18.3	1966	82.0	80.0	82.7	81.5	79.4	81.6	79.9	85.0	81.1	81.2	83.1	83.3		
1955	19.9	18.3	18.4	18.6	19.2	19.7	20.3	19.2	19.5	20.3	21.1	22.2	21.8	1967	82.4	82.5	81.3	79.3	76.9	79.1	82.4	80.8	84.1	83.0	83.5	87.6	88.1	
1956	20.1	21.0	20.1	19.7	19.7	19.6	18.8	18.9	19.6	20.6	21.3	19.4	22.1	1968	90.0	85.4	90.7	89.7	85.4	89.8	93.9	87.4	91.5	89.5	91.0	91.8	93.2	
1957	21.0	21.7	21.3	21.0	19.0	20.2	20.2	21.0	21.2	21.5	21.8	21.7	21.2	1969	89.0	91.4	86.7	89.9	86.8	89.1	91.4	87.3	89.6	85.7	87.2	89.9	92.7	
1958	19.1	19.5	18.2	17.9	17.0	16.9	18.0	18.1	19.3	20.4	21.0	21.2	22.4	1970	87.2	90.5	89.5	87.6	85.2	88.2	91.6	88.1	86.2	83.1	83.9	85.2	86.8	
1959	23.0	22.0	22.4	22.9	20.5	20.3	22.0	24.2	24.3	24.6	24.6	23.6	24.3	1971	86.2	85.1	84.6	84.5	84.4	86.7	89.0	84.3	87.4	84.3	86.0	88.3	90.1	
1960	22.9	24.1	23.8	23.3	22.0	22.9	23.5	22.7	22.8	22.5	23.0	22.4	21.8	1972	90.5	88.8	92.0	89.8	89.6	93.0	96.0	89.8	93.9	90.0	87.8	88.6	86.3	
1961	23.4	21.4	20.9	20.9	21.6	22.4	23.4	23.6	24.0	25.0	25.1	25.7	26.4	1973	89.0	85.7	87.4	87.9	87.6	90.2	94.1	86.6	90.2	88.9	88.5	90.9	90.3	
1962	26.7	25.4	25.0	25.4	25.6	26.4	27.8	26.5	26.9	27.7	27.8	27.9	28.0	1974	88.3	86.6	88.4	90.1	87.0	91.8	94.6	86.8	91.2	86.6	84.8	87.1	83.9	
1963	27.5	27.5	26.9	27.1	26.7	27.2	27.7	26.6	27.1	28.0	27.9	28.3	28.7	1975	87.1	78.3	76.2	75.2	78.5	83.4	90.2	86.6	91.4	92.5	94.9	97.8	100.1	
1964	29.8	27.6	27.8	28.1	28.2	29.3	29.7	28.8	30.9	32.1	31.4	31.3	32.1	1976	99.4	100.1	101.9	102.7	100.5	105.6	105.1	97.6	99.5	96.0	93.3	95.0	95.8	
1965	33.9	32.0	32.5	32.9	31.8	32.7	33.7	33.2	34.3	35.0	35.8	36.3	37.1	1977	100.0	91.3	97.2	98.0	98.8	103.0	105.4	94.3	100.7	99.3	102.9	105.5	103.6	
1966	37.7	36.2	36.0	36.2	36.4	37.1	37.5	36.7	38.0	39.2	39.6	39.9	39.8	1978	109.4	100.7	103.3	107.5	110.8	113.2	117.0	104.9	111.6	111.0	110.7	111.5	110.6	
1967	38.1	39.0	37.6	37.4	37.3	32.1	33.3	31.7	39.8	41.6	42.0	42.5	42.4	1979	110.7	109.7	108.4	109.4	107.2	113.0	117.2	101.7	111.4	112.7	111.8	112.8	112.7	
1968	44.5	41.3	41.7	41.6	40.5	43.4	44.8	43.8	45.6	47.0	47.7	47.8	48.5	1980	113.3	111.4	113.4	113.0	113.8	115.0	117.2	101.0	115.1	113.6	114.8	115.3	116.3	
1969	49.2	47.5	46.8	47.5	47.7	48.4	49.7	48.6	49.8	51.2	51.0	51.0	51.4	1981		116.5	119.1	120.5										
PRIVATE SERVICE-PRODUCING ¹¹														PRIVATE SERVICE-PRODUCING ¹¹														
1970	48.2	50.1	49.3	49.0	48.6	43.2	47.6	48.4	48.9	49.7	47.7	47.7	48.5	1964	32.5	30.8	30.8	31.0	31.5	31.9	32.7	33.2	33.1	33.1	33.3	33.4	34.6	
1971	52.0	48.0	48.1	49.0	49.6	51.1	52.3	51.7	52.8	54.9	54.9	55.1	56.8	1965	35.1	33.0	33.3	33.5	34.1	34.6	35.3	35.8	35.8	35.8	36.0	36.2	37.3	
1972	61.9	55.8	56.8	57.7	58.9	59.6	62.3	60.4	63.1	65.2	66.2	67.8	68.9	1966	37.7	35.7	35.9	36.1	36.7	37.2	38.2	38.7	38.5	38.4	38.6	38.8	39.8	
1973	72.4	68.2	68.9	69.4	70.4	69.3	72.0	71.9	74.1	75.4	75.6	76.8	76.9	1967	40.5	38.4	38.5	38.7	39.0	39.7	40.9	41.5	41.4	41.3	41.3	41.8	42.9	
1974	75.7	74.7	75.0	73.5	69.7	73.5	78.2	76.2	79.4	80.0	79.7	75.6	72.6	1968	44.2	41.2	41.6	41.9	42.7	43.1	44.6	45.4	45.5	45.4	45.5	46.1	47.2	
1975	68.7	68.5	63.0	61.0	62.9	64.5	67.1	67.1	70.7	73.5	74.0	74.4	77.1	1969	49.1	45.8	46.2	46.7	47.4	48.2	49.6	50.5	50.5	50.3	50.6	51.2	52.1	
1976	78.9	76.0	77.1	79.3	76.9	66.2	68.1	67.4	69.0	89.9	90.4																	

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100														
PRIVATE SERVICE-PRODUCING ¹¹														SIC 50,51—WHOLESALE TRADE														
1977	100.0	92.8	93.8	94.7	96.7	98.3	100.3	102.0	102.2	102.8	104.2	104.9	107.3	1947	13.9	13.1	13.2	13.3	13.2	13.3	13.7	14.0	14.4	14.7	15.1		15.1	
1978	113.1	105.0	105.7	107.5	110.1	111.1	113.9	115.4	115.7	116.2	117.7	118.4	121.1	1948	15.6	15.0	15.3	15.0	15.0	15.2	15.5	15.8	16.0	16.3	16.4		16.5	
1979	126.4	118.5	119.4	121.1	121.9	123.3	126.7	128.5	129.1	129.9	130.4	132.5	135.0	1949	16.1	16.3	16.1	16.0	15.9	15.9	15.8	15.9	16.2	16.6	16.3		16.5	
1980	139.6	131.7	132.6	134.7	135.5	136.7	139.4	141.1	142.0	142.4	144.2	146.3	148.4	1950	17.1	16.3	16.2	16.2	16.2	16.3	16.6	17.2	17.5	17.7	18.1		18.1	
1981		146.2	147.8	149.1										1951	18.8	18.3	18.3	18.3	18.4	18.3	18.5	18.6	18.7	19.2	19.4		19.9	
TRANSPORTATION AND PUBLIC UTILITIES														1952	20.5	19.8	19.9	20.0	19.8	19.8	20.2	20.6	20.8	21.2	21.6	21.8		21.8
1964	37.0	35.0	34.9	35.1	35.7	36.3	37.2	37.9	37.7	38.3	38.3	38.1	39.0	1953	21.7	21.2	21.3	21.2	21.2	21.2	21.4	21.7	21.6	21.9	22.2		22.3	
1965	39.8	37.1	38.2	38.5	38.4	39.1	40.1	40.5	40.6	41.4	41.1	41.4	41.2	1954	22.3	22.1	21.9	21.9	21.9	21.9	21.9	22.3	22.3	22.4	22.8		22.9	
1966	41.6	39.4	40.4	40.1	40.3	41.1	42.3	41.9	41.7	43.2	42.9	43.2	43.1	1955	23.7	22.7	22.5	22.8	22.9	23.1	23.5	23.9	23.7	24.2	24.6		25.0	
1967	43.6	41.9	42.4	42.0	40.8	43.2	44.4	44.6	44.5	44.8	44.5	44.9	44.7	1956	25.6	24.9	24.8	25.1	25.1	25.0	25.4	25.7	25.7	26.1	26.0		26.4	
1968	46.7	43.9	44.0	44.1	45.1	45.3	47.1	47.9	48.2	48.7	48.6	48.9	48.8	1957	26.5	26.0	26.0	26.0	25.8	26.0	26.6	26.8	26.8	27.0	27.0		27.3	
1969	51.1	47.7	48.1	48.2	49.3	50.2	51.6	52.8	52.7	53.6	53.1	53.2	53.2	1958	26.7	26.3	26.1	26.0	25.6	25.9	26.6	26.9	26.9	27.3	27.3		27.7	
1970	54.5	52.2	52.4	52.2	51.6	53.1	55.7	57.0	56.4	56.9	55.9	56.1	55.3	1959	29.1	27.8	27.7	28.0	28.1	28.4	29.0	29.3	29.9	29.9	30.0		30.5	
1971	58.4	54.8	56.7	56.5	56.6	57.1	59.6	56.7	59.8	61.5	59.8	60.1	61.9	1960	30.2	29.7	29.4	29.6	29.7	29.8	30.3	30.6	30.7	30.8	30.8		30.8	
1972	66.2	60.9	61.6	63.1	63.4	64.6	66.8	67.5	68.3	68.6	69.3	69.7	70.2	1961	30.9	30.2	29.8	29.8	30.1	30.1	30.8	31.4	31.4	31.7	31.6		31.9	
1973	73.3	68.6	69.3	69.6	70.5	71.9	73.7	74.6	76.2	76.6	76.8	76.5	75.9	1962	32.4	31.1	31.1	31.4	31.6	31.9	32.6	32.9	33.0	33.3	33.1		33.6	
1974	79.4	75.4	75.4	75.0	77.2	78.2	80.1	81.8	81.3	82.5	82.9	81.4	81.4	1963	33.9	32.7	32.5	32.9	33.0	33.3	34.0	34.2	34.3	34.6	34.8		35.3	
1975	81.3	79.2	77.9	77.2	77.6	78.2	80.7	81.7	83.9	84.8	85.0	84.9	84.7	1964	35.7	34.1	34.3	34.5	34.6	35.0	35.6	36.2	36.3	36.3	36.5		37.1	
1976	90.0	83.7	85.0	85.4	86.8	87.7	90.3	91.7	93.1	93.8	93.0	93.9	95.0	1965	38.3	36.5	36.6	36.8	37.0	37.8	38.3	39.0	39.1	39.1	39.6		39.8	
1977	100.0	92.0	94.0	93.8	96.1	98.1	100.4	102.0	102.1	104.2	104.4	105.9	107.0	1966	41.5	39.6	39.6	39.8	40.2	40.7	41.6	42.5	42.3	42.2	42.7		42.8	
1978	112.0	103.5	106.5	107.1	108.8	110.2	113.0	111.5	114.2	115.2	117.3	117.4	119.6	1967	44.1	42.7	42.6	42.8	43.1	43.0	44.3	45.0	44.9	45.0	44.8		45.5	
1979	125.1	116.7	118.2	118.5	114.2	120.3	125.7	127.2	130.1	131.6	131.7	133.9	133.2	1968	47.5	44.6	45.1	45.4	45.7	46.3	47.9	48.7	48.6	48.9	48.9		49.4	
1980	134.9	129.0	128.9	130.1	131.7	131.8	133.5	135.5	135.7	137.9	140.9	141.0	142.8	1969	52.2	49.1	49.4	49.7	50.1	50.6	52.6	53.1	53.6	53.7	54.1		54.8	
1981		138.4	140.7	140.2										1970	56.3	54.7	54.8	55.2	54.9	55.2	56.5	57.3	57.2	56.8	57.2		57.9	
WHOLESALE AND RETAIL TRADE														1971	58.8	56.7	56.5	56.9	56.9	58.1	59.4	59.9	59.8	59.9	60.4	62.2		62.2
1964	34.9	33.1	33.0	33.3	33.7	34.2	35.0	35.5	35.5	35.3	35.6	36.1	38.4	1972	63.7	60.7	60.7	61.6	62.1	62.4	64.0	64.5	64.7	65.0	65.5		65.9	
1965	37.6	35.5	35.3	35.5	36.6	37.0	37.6	38.3	38.3	38.1	38.5	38.9	41.4	1973	70.0	66.1	66.6	67.4	67.7	68.2	70.4	71.0	71.3	71.7	72.1		73.1	
1966	40.4	38.4	38.1	38.3	39.2	39.6	40.8	41.5	41.3	40.8	41.2	41.7	44.0	1974	77.1	72.5	72.8	73.6	74.3	75.7	78.2	78.6	79.0	79.6	79.9		80.2	
1967	43.0	41.0	40.5	41.0	41.5	41.9	43.3	43.9	43.7	43.6	43.6	44.5	47.0	1975	81.9	78.7	78.3	78.5	78.9	80.0	81.8	82.4	83.3	83.9	85.0		85.6	
1968	46.9	43.5	43.8	44.2	45.2	45.5	47.4	48.0	48.1	48.0	48.1	49.1	51.5	1976	89.8	85.5	85.9	86.2	87.7	88.9	90.0	91.1	91.2	91.9	92.5		92.8	
1969	51.5	48.2	48.1	48.7	49.5	50.3	52.1	52.7	53.0	52.6	52.9	54.0	56.5	1977	100.0	93.3	93.6	94.6	96.7	98.1	100.0	101.6	101.7	103.0	105.1		105.2	
1970	55.2	52.7	52.7	53.3	53.5	54.2	55.7	56.5	56.5	56.0	56.1	56.6	59.1	1978	115.2	106.0	106.3	108.6	111.3	111.9	115.2	117.3	117.9	119.8	121.6		122.0	
1971	59.3	55.9	55.5	56.0	57.2	58.3	59.7	60.8	60.9	60.5	60.7	61.4	65.2	1979	130.7	122.6	123.0	126.1	126.9	128.4	131.6	132.4	132.6	134.2	135.0		136.7	
1972	64.7	61.2	60.8	61.7	62.7	63.2	65.2	65.8	65.9	65.7	66.3	67.4	70.8	1980	142.5	136.7	137.5	139.5	140.0	140.6	141.3	142.0	143.3	144.8	146.5		148.1	
1973	70.8	66.5	66.6	67.5	68.5	69.3	71.7	72.4	72.1	72.2	72.3	73.7	76.7	1981		149.2	149.4	151.8									150.1	
1974	76.9	71.9	71.4	72.2	74.0	75.7	78.3	79.1	79.3	79.4	79.4	80.0	82.4	SIC 52-59—RETAIL TRADE														
1975	81.9	77.3	76.8	77.5	78.3	80.0	82.5	83.4	84.2	83.6	84.3	85.5	88.9	1964	34.5	32.6	32.4	32.7	33.1	33.8	34.7	35.1	35.1	34.8	35.0		35.6	
1976	90.1	85.0	84.6	85.0	87.7	88.9	90.4	91.7	92.0	92.3	92.3	93.4	97.5	1965	37.2	34.9	34.7	34.9	36.4	36.5	37.2	37.9	37.8	37.5	38.0		38.5	
1977	100.0	92.5	92.5	94.0	96.3	98.2	100.7	102.5	102.5	102.6	103.8	104.8	109.5	1966	39.8	37.7	37.3	37.5	38.7	39.0	40.4	41.0	40.7	40.0	40.4		41.1	
1978	113.8	104.8	104.0	106.6	109.7	111.2	114.6	116.9	117.0	117.2	118.3	119.9	125.0	1967	42.3	40.0	39.4	40.1	40.6	41.3	42.8	43.4	43.1	42.9	42.9		44.0	
1979	126.2	119.4	118.7	121.1	123.3	123.9	126.9	128.1	128.2	128.5	128.7	131.3	135.9	1968	46.5	42.8	43.0	43.5	44.9	45.1	47.1	47.7	47.8	47.6	47.6		48.9	
1980	135.7	129.8	129.1	130.9	131.2	132.7	134.9	136.7	138.1	138.2	139.1	141.9	145.8	1969	51.2	47.7	47.4	48.2	49.3	50.1	51.8	52.5	52.6	52.0	52.2		53.5	
1981		141.2	140.6	142.3										1970	54.7	51.7	51.5	52.2	52.7	53.7	55.2	56.0	56.1	55.5	55.5		56.2	

INDEXES OF HOURS AND PAYROLLS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

INDEXES OF AGGREGATE WEEKLY PAYROLLS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS 1977 = 100

SIC 52-59—RETAIL TRADE													
1977	100.0	92.1	92.0	93.8	96.0	98.2	101.1	103.0	103.0	102.4	103.2	104.6	110.6
1978	113.0	104.2	102.9	105.6	108.8	110.8	114.3	116.7	116.6	115.7	116.5	118.7	125.1
1979	123.7	117.6	116.4	118.4	121.3	121.5	124.4	125.8	125.9	125.4	125.3	128.4	134.2
1980	132.0	126.1	124.5	126.2	126.5	128.5	131.4	133.8	135.4	134.7	135.2	138.6	143.5
1981		136.9	135.8	137.2									
FINANCE, INSURANCE, AND REAL ESTATE ¹⁷													
1964	35.8	34.7	35.1	35.0	35.2	35.5	35.9	36.7	36.5	36.1	36.4	36.3	36.5
1965	37.8	36.5	36.7	36.9	37.0	37.6	37.7	38.5	38.5	38.1	38.3	38.5	38.8
1966	40.1	38.9	39.1	39.2	39.7	40.1	40.3	41.1	40.8	40.2	40.3	40.4	40.6
1967	43.1	40.7	41.2	41.4	42.2	42.4	43.3	44.2	44.3	44.0	44.4	44.5	44.9
1968	48.0	44.9	45.3	45.7	46.2	47.1	48.1	49.2	49.5	49.3	49.7	50.1	50.7
1969	54.0	51.3	52.1	52.4	52.4	52.9	54.7	55.2	55.5	54.7	55.2	55.9	55.9
1970	57.8	56.1	56.9	57.3	57.2	57.1	57.8	58.8	58.8	57.9	58.4	58.7	58.5
1971	61.7	58.8	59.8	60.4	60.9	61.9	62.5	63.2	63.5	62.0	62.3	62.1	62.6
1972	66.2	63.9	63.8	63.9	65.3	65.2	66.5	68.0	67.4	67.0	67.6	67.1	68.2
1973	71.8	68.5	69.7	70.0	71.2	70.7	72.0	73.9	73.0	72.9	72.4	73.3	74.3
1974	77.7	73.7	74.7	74.9	75.1	76.3	78.7	79.3	79.6	80.0	79.4	79.4	80.8
1975	83.5	80.7	81.9	82.0	81.6	82.6	84.6	84.1	85.2	83.7	84.5	85.8	85.3
1976	89.7	85.8	87.5	86.8	87.6	88.9	89.6	90.9	92.4	90.9	91.7	91.9	93.1
1977	100.0	95.4	95.5	96.0	97.4	98.9	99.6	101.6	101.8	101.4	103.8	103.6	104.8
1978	113.8	106.7	107.4	108.1	111.0	111.0	114.5	117.3	116.5	116.6	118.5	118.5	120.0
1979	128.3	121.7	123.3	123.0	125.1	125.1	128.0	131.1	130.8	131.7	131.4	133.4	135.2
1980	145.9	135.9	138.5	141.4	141.5	142.8	147.6	147.9	149.6	148.4	150.7	153.6	153.3
1981		156.1	159.3	159.1									
SERVICES													
1964	26.5	25.0	25.0	25.3	26.0	26.1	26.9	27.3	27.1	27.1	27.2	27.1	27.5
1965	29.0	27.0	27.5	27.8	28.3	28.7	29.6	30.0	29.9	29.8	29.8	29.8	30.3
1966	32.0	29.9	30.2	30.7	31.4	31.7	32.5	33.1	33.0	32.7	33.0	33.0	33.2
1967	35.3	33.0	33.5	33.8	34.5	34.8	35.8	36.3	36.3	36.1	36.3	36.6	36.8
1968	38.9	36.3	37.0	37.3	37.8	38.1	39.3	40.2	40.1	39.8	40.1	40.2	40.6
1969	44.0	40.7	41.5	42.3	42.8	43.5	44.5	45.6	45.4	44.9	45.4	45.8	45.7
1970	48.1	45.2	46.1	46.9	47.2	47.6	48.2	49.0	49.2	49.3	49.4	49.6	49.9
1971	52.2	49.3	49.7	50.2	51.1	51.6	52.5	53.8	53.5	53.3	53.6	53.7	54.5
1972	58.2	54.3	55.1	55.8	57.2	57.2	58.5	59.4	59.3	59.6	60.5	60.5	61.1
1973	64.9	60.5	61.5	62.6	63.7	63.9	65.4	66.3	66.0	66.7	66.6	67.3	67.8
1974	72.7	67.1	68.5	69.5	70.6	72.1	74.2	74.2	74.5	74.9	75.0	75.3	76.0
1975	80.0	74.9	76.4	77.0	77.5	78.7	80.2	81.7	82.1	81.7	82.5	83.5	83.8
1976	89.1	83.7	85.1	85.4	87.0	88.1	89.3	90.7	90.8	90.9	92.0	92.3	93.3
1977	100.0	93.0	94.6	95.5	97.2	98.4	100.1	101.6	101.9	102.7	104.7	104.8	105.6
1978	112.9	105.4	106.8	108.5	111.0	111.4	113.5	115.3	114.8	115.6	117.0	117.2	117.8
1979	126.7	117.6	119.9	122.0	123.5	123.9	126.7	128.9	129.2	130.2	131.2	132.8	135.0
1980	144.6	134.0	136.9	139.5	140.6	142.0	145.3	147.1	147.6	147.7	149.8	152.1	153.0
1981		153.3	156.6	158.7									

See footnotes at end of tables.

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
TOTAL PRIVATE ²														TOTAL PRIVATE ²													
GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS														GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS													
1947	45.58													1947	123.52												
1948	49.00													1948	123.43												
1949	50.24													1949	127.84												
1950	53.13													1950	133.83												
1951	57.86													1951	134.87												
1952	60.65													1952	138.47												
1953	63.76													1953	144.58												
1954	64.52													1954	145.32												
1955	67.72													1955	153.21												
1956	70.74													1956	157.90												
1957	73.33													1957	158.04												
1958	75.08													1958	157.40												
1959	78.78													1959	163.78												
1960	80.67													1960	164.97												
1961	82.60													1961	167.21												
1962	85.91													1962	172.16												
1963	88.46													1963	175.17												
1964	91.33	88.39	89.09	89.32	90.09	90.95	91.80	92.04	92.67	92.64	92.73	92.64	93.60	1964	178.38	173.31	174.69	175.14	176.30	177.98	179.30	179.42	181.00	180.58	180.41	179.88	181.40
1965	95.45	92.40	93.17	93.65	93.17	95.06	95.69	95.94	96.19	96.36	97.00	96.50	97.25	1965	183.21	179.07	180.56	181.49	179.86	183.16	183.31	183.79	184.63	184.60	185.47	184.16	184.89
1966	98.82	96.38	97.27	97.27	97.54	98.18	99.33	99.97	100.23	100.75	100.75	99.96	100.10	1966	184.37	183.23	183.88	183.18	183.00	184.20	185.66	186.16	185.96	186.57	185.54	184.09	184.35
1967	101.84	99.82	99.15	99.68	99.53	100.55	101.99	103.03	103.30	103.90	103.74	103.85	103.74	1967	184.83	183.83	182.26	182.90	182.29	183.49	185.77	186.65	186.46	187.21	186.58	186.11	185.25
1968	107.73	103.22	104.53	104.90	104.72	106.69	108.20	108.87	109.54	110.87	110.67	109.50	110.75	1968	187.68	183.67	185.34	185.34	184.37	187.18	188.83	189.01	189.84	191.49	190.15	187.18	188.99
1969	114.61	110.25	110.11	111.67	112.13	113.55	115.22	116.21	116.89	117.87	117.31	117.38	117.62	1969	189.44	187.50	186.63	187.68	187.20	188.94	190.76	191.45	191.62	192.28	190.75	189.94	189.10
1970	119.83	116.12	116.55	117.61	117.34	118.40	120.11	121.82	122.20	121.73	121.40	121.07	122.47	1970	186.94	186.09	185.59	186.39	184.79	185.87	187.38	189.46	189.75	188.15	186.48	185.41	186.69
1971	127.31	121.91	122.64	124.05	124.44	125.88	128.34	128.71	130.15	129.89	130.61	129.89	132.06	1971	190.58	185.56	186.38	187.95	187.98	189.01	191.84	191.82	193.39	193.00	193.78	192.43	194.78
1972	136.90	131.40	132.13	133.22	134.32	135.06	136.52	137.64	138.75	140.24	140.61	139.48	140.60	1972	198.41	193.52	193.74	195.05	196.09	196.59	198.14	199.19	200.22	201.78	201.45	199.54	200.57
1973	145.39	139.05	140.18	141.68	142.78	143.91	146.22	147.73	147.73	149.51	148.67	149.45	149.85	1973	198.35	197.51	197.72	198.15	198.31	198.50	200.58	202.09	198.56	200.15	197.44	197.16	196.40
1974	154.76	147.74	148.88	149.65	149.14	152.94	156.09	156.88	157.99	160.38	159.87	158.12	159.72	1974	190.12	191.87	190.87	189.91	188.07	190.70	192.94	192.49	191.27	191.84	189.64	186.02	186.59
1975	163.53	157.44	157.35	158.06	158.87	160.38	163.26	164.53	166.90	168.07	167.97	168.23	170.46	1975	184.16	183.07	181.70	181.89	181.77	182.67	184.47	184.04	186.06	186.54	185.19	184.46	186.09
1976	175.45	169.56	170.28	170.17	170.41	173.64	175.45	177.03	178.00	179.28	179.64	180.22	182.09	1976	186.85	184.71	184.89	184.37	183.83	186.31	187.25	187.73	187.96	188.52	188.10	188.12	189.68
1977	189.00	178.97	182.58	183.30	184.73	186.68	189.49	191.10	190.94	193.14	194.58	193.86	195.84	1977	189.00	185.27	187.07	186.66	186.60	187.62	189.11	189.96	189.05	190.47	191.33	189.87	191.06
1978	203.70	192.35	194.15	197.97	200.48	200.63	204.89	206.91	206.70	208.94	210.73	210.50	213.35	1978	189.31	186.57	187.04	189.44	190.03	188.38	190.42	190.88	189.81	190.46	190.53	189.30	190.83
1979	219.91	210.74	212.40	214.91	211.65	215.84	219.35	221.76	222.48	225.54	225.27	225.70	229.04	1979	183.41	186.83	186.15	186.39	181.36	182.76	183.56	183.42	182.36	182.92	181.23	179.98	180.77
1980	235.10	225.34	226.40	228.80	229.20	229.60	233.33	234.39	236.79	239.69	241.81	244.28	247.06	1980	172.74	175.36	173.75	173.07	171.43	170.07	170.94	171.59	172.21	172.69	172.72	172.88	173.38
1981		246.75	247.10	249.92										1981		171.83	170.18	171.06									

See footnotes at end of tables.

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
TOTAL PRIVATE ²														TOTAL PRIVATE ²													
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS													
1947	39.16													1957	130.32												
1948	43.11													1958	129.62												
1949	44.15													1959	134.14												
1950	46.02													1960	134.13												
1951	48.68													1961	135.79												
1952	50.07													1962	139.40												
1953	52.45													1963	140.69												
1954	53.76													1964	146.56	142.63	143.69	144.04	144.95	146.26	147.29	147.37	148.65	148.30	148.17	147.73	148.97
1955	56.27													1965	152.25	148.82	150.06	150.83	149.48	152.20	152.34	152.72	153.42	153.39	154.11	153.03	153.63
1956	58.63													1966	151.66	150.93	151.40	150.83	150.66	151.61	152.67	153.02	152.80	153.26	152.41	151.31	151.51
1957	60.47													1967	151.32	150.74	149.54	150.00	149.51	150.38	152.09	152.70	152.51	153.06	152.55	152.17	151.46
1958	61.83													1968	151.06	150.23	151.45	151.41	148.08	150.12	151.27	151.35	151.94	153.11	152.08	149.81	151.14
1959	64.52													1969	150.35	149.25	148.56	149.24	148.81	150.05	151.32	151.78	151.85	152.28	151.12	150.47	149.79
1960	65.59													1970	150.09	149.73	149.30	149.84	148.58	149.36	150.42	151.94	152.16	150.91	149.60	148.76	149.68
1961	67.08													1971	155.39	151.93	152.52	153.64	153.61	154.28	156.29	156.24	157.36	157.07	157.63	156.61	158.27
1962	69.56													1972	162.59	159.25	159.34	160.29	161.01	161.32	162.42	163.15	163.87	164.98	164.66	163.23	163.94
1963	71.05													1973	160.31	160.34	160.37	160.56	160.56	160.59	162.03	163.09	160.24	161.35	159.24	158.94	158.30
1964	75.04	72.74	73.28	73.46	74.07	74.74	75.41	75.60	76.11	76.08	76.16	76.08	76.87	1974	152.79	154.84	153.94	153.08	151.65	153.42	154.88	154.42	153.31	153.48	151.78	149.08	149.35
1965	79.32	76.79	77.43	77.83	77.43	78.99	79.52	79.72	79.93	80.07	80.60	80.19	80.81	1975	149.20	146.79	145.70	145.78	145.59	149.49	150.61	150.09	151.44	151.65	150.57	149.95	150.95
1966	81.29	79.39	80.09	80.09	80.30	80.81	81.68	82.17	82.36	82.76	82.76	82.16	82.27	1976	152.61	151.47	151.54	151.13	150.66	152.35	152.93	153.17	153.26	153.59	153.21	153.17	154.26
1967	83.38	81.85	81.35	81.75	81.63	82.41	83.50	84.29	84.49	84.95	84.82	84.91	84.82	1977	155.19	150.97	152.09	151.69	151.51	152.16	156.75	157.28	156.53	157.49	158.04	156.91	157.70
1968	86.71	84.43	85.42	85.70	84.11	85.57	86.68	87.18	87.67	88.65	88.51	87.64	88.57	1978	153.71	152.50	152.72	154.33	154.58	153.22	154.51	154.70	153.86	154.20	154.11	153.13	154.12
1969	90.96	87.76	87.65	88.80	89.14	90.18	91.40	92.13	92.63	93.35	92.94	92.99	93.17	1979	148.46	151.88	151.21	151.21	147.37	148.20	148.61	148.35	147.43	147.69	146.34	145.31	145.69
1970	96.21	93.43	93.76	94.55	94.35	95.14	96.42	97.70	97.99	97.64	97.39	97.14	98.19	1980	138.74	141.60	140.24	139.50	138.15	137.02	137.43	137.87	138.19	138.35	138.22	138.17	138.37
1971	103.80	99.82	100.36	101.40	101.69	102.75	104.56	104.84	105.90	105.71	106.24	105.71	107.31	1981		136.27	134.93	135.44									
1972	112.19	108.13	108.67	109.48	110.29	110.83	111.91	112.74	113.56	114.66	114.93	114.10	114.92	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS													
1973	117.51	112.88	113.70	114.80	115.60	116.43	118.12	119.22	119.22	120.53	119.91	120.48	120.78	1947	44.64												
1974	124.37	119.23	120.07	120.63	120.26	123.04	125.30	125.85	126.63	128.31	127.95	126.72	127.84	1948	48.51												
1975	132.49	126.24	126.18	126.68	127.25	131.25	133.29	134.18	135.84	136.64	136.57	136.75	138.27	1949	49.74												
1976	143.30	139.05	139.57	139.49	139.66	141.99	143.30	144.44	145.14	146.06	146.32	146.74	148.09	1950	52.04												
1977	155.19	145.84	148.44	148.96	149.99	151.40	157.06	158.22	158.10	159.69	160.73	160.21	161.64	1951	55.79												
1978	165.39	157.23	158.52	161.27	163.08	163.18	166.25	167.70	167.55	169.16	170.45	170.28	172.31	1952	57.87												
1979	178.00	171.32	172.53	174.35	171.98	175.03	177.59	179.35	179.87	182.10	181.90	182.22	184.59	1953	60.31												
1980	188.82	181.96	182.73	184.42	184.70	184.98	187.59	188.33	190.01	192.03	193.51	195.24	197.18	1954	60.85												
1981		195.68	195.92	197.88										1955	63.41												
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS														1956	65.82												
1947	106.12													1957	67.71												
1948	108.59													1958	69.11												
1949	112.34													1959	71.86												
1950	115.92													1960	72.96												
1951	113.47													1961	74.48												
1952	114.32													1962	76.99												
1953	118.93													1963	78.56												
1954	121.08													1964	82.57	80.22	80.78	80.96	81.58	82.27	82.95	83.14	83.65	83.62	83.70	83.62	84.43
1955	127.31													1965	86.63	84.04	84.69	85.10	84.69	86.30	86.84	87.05	87.25	87.39	87.93	87.51	88.14
1956	130.87													1966	88.66	86.71	87.42	87.42	87.64	88.15	89.07	89.58	89.78	90.20	90.20	89.57	89.68

See footnotes at end of tables.

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
TOTAL PRIVATE ²														TOTAL PRIVATE ²													
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS													
1967	90.86	89.26	88.72	89.15	89.03	89.84	90.98	91.81	92.03	92.50	92.38	92.46	92.38	1977	169.93	164.10	165.19	164.74	164.48	165.14	172.74	173.32	172.50	173.53	174.13	172.90	173.74
1968	95.28	91.96	93.01	93.30	92.90	94.40	95.55	96.07	96.58	97.59	97.44	96.55	97.50	1978	167.95	166.95	167.17	168.82	169.00	167.52	168.78	168.93	168.01	168.31	168.16	167.10	168.11
1969	99.99	96.68	96.57	97.76	98.11	99.19	100.46	101.22	101.74	102.49	102.06	102.11	102.30	1979	162.49	166.38	165.63	165.59	161.43	162.28	162.67	162.33	161.34	161.52	160.05	158.91	159.27
1970	104.90	101.97	102.32	103.14	102.95	103.77	105.12	106.48	106.78	106.40	106.14	105.88	106.99	1980	151.65	154.86	153.34	152.51	151.02	149.80	150.23	150.70	151.04	151.21	151.06	151.00	151.21
1971	112.43	108.18	108.75	109.86	110.17	111.30	113.24	113.53	114.68	114.47	115.03	114.47	116.16	1981		149.00	147.53	148.08									
1972	121.68	117.34	117.92	118.78	119.64	120.23	121.38	122.26	123.14	124.31	124.60	123.71	124.60	MINING													
1973	127.38	122.47	123.35	124.52	125.36	126.24	128.02	129.18	129.18	130.56	129.91	130.51	130.82														
1974	134.61	129.19	130.07	130.66	130.27	133.20	135.63	136.24	137.10	138.94	138.55	137.20	138.44														
1975	145.65	136.67	136.61	137.15	137.78	145.37	147.62	148.61	150.47	151.37	151.29	151.49	153.20														
1976	155.87	151.34	151.89	151.81	151.99	154.48	155.87	157.06	157.79	158.75	159.02	159.46	160.86														
1977	169.93	158.52	161.23	161.77	162.84	164.31	173.09	174.36	174.23	175.96	177.09	176.53	178.08														
1978	180.71	172.13	173.52	176.42	178.30	178.41	181.61	183.12	182.96	184.64	185.98	185.81	187.95														
1979	194.82	187.68	188.98	190.93	198.39	191.65	194.39	196.26	196.83	199.15	198.94	199.27	201.80														
1980	206.40	199.00	199.80	201.62	201.92	202.23	205.06	205.86	207.68	209.88	211.49	213.37	215.47														
1981		213.96	214.22	216.34																							
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS														GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS													
1947	120.98													1947	59.89	59.83	57.38	57.92	52.36	58.58	60.22	54.98	61.96	63.07	63.73	63.32	64.79
1948	122.19													1948	65.52	66.54	64.36	65.61	54.32	66.54	65.89	61.40	69.47	67.45	69.14	66.43	68.64
1949	126.56													1949	62.33	69.76	66.09	64.46	66.26	67.56	59.44	56.41	54.61	57.66	66.96	64.51	54.43
1950	131.08													1950	67.16	55.99	59.26	71.02	67.56	65.79	66.33	67.69	67.08	68.66	71.17	69.57	72.17
1951	130.05													1951	74.11	72.10	71.80	70.08	71.80	72.19	73.53	73.91	73.54	76.25	77.02	76.83	79.40
1952	132.12													1952	77.59	79.60	76.44	76.63	71.34	74.09	72.10	71.54	78.21	83.23	77.75	82.97	84.56
1953	136.76													1953	83.03	82.22	80.30	80.14	79.55	83.10	85.41	84.10	86.83	84.63	85.97	83.11	82.94
1954	137.05													1954	82.60	83.28	81.27	78.60	78.60	80.94	84.10	81.62	83.71	82.82	84.96	85.17	86.86
1955	143.46													1955	89.54	87.48	87.26	86.22	87.02	89.38	90.45	90.64	89.57	91.17	92.66	89.82	93.34
1956	146.92													1956	95.06	93.71	92.34	92.11	94.60	94.66	95.71	94.89	93.73	97.06	96.93	95.44	99.70
1957	145.93													1957	98.25	97.12	97.36	96.48	97.04	96.71	101.02	100.44	99.79	102.16	99.20	96.36	98.36
1958	144.88													1958	96.08	96.11	94.62	93.50	91.39	92.72	97.81	95.55	97.17	98.46	98.31	99.50	101.40
1959	149.40													1959	103.68	101.24	102.29	102.66	102.51	104.60	106.66	99.25	103.73	102.47	104.30	104.64	108.47
1960	149.20													1960	105.04	105.99	102.83	106.78	106.75	106.34	106.34	106.30	105.67	104.64	105.44	102.82	103.49
1961	150.77													1961	106.92	105.86	104.15	101.14	103.49	104.52	107.42	109.82	107.68	108.79	111.19	109.47	109.48
1962	154.29													1962	110.70	108.26	109.62	110.57	110.70	109.61	110.68	109.08	111.90	112.88	111.78	110.02	112.07
1963	155.56													1963	114.40	112.07	112.48	111.38	112.89	114.39	117.58	112.48	115.08	117.32	116.60	113.85	115.93
1964	161.27	157.29	158.39	158.75	159.65	161.00	162.01	162.07	163.38	163.00	162.84	162.37	163.62	1964	117.74	115.51	114.68	113.71	114.68	117.46	118.58	116.62	118.86	118.14	121.70	121.26	120.12
1965	166.28	162.87	164.13	164.92	163.49	166.28	166.36	166.76	167.47	167.41	168.13	167.00	167.57	1965	123.52	120.38	119.36	120.10	120.51	124.26	124.26	123.25	126.14	124.66	126.69	123.73	127.12
1966	165.41	164.85	165.26	164.63	164.43	165.38	166.49	166.82	166.57	167.04	166.11	164.95	165.16	1966	130.24	126.48	126.30	127.67	122.01	130.85	132.80	131.46	131.89	133.30	135.10	131.24	133.03
1967	164.90	164.38	163.09	163.58	163.06	163.94	165.72	166.32	166.12	166.67	166.15	165.70	164.96	1967	135.89	133.67	131.04	131.25	134.09	133.98	136.10	138.99	137.06	138.46	138.14	138.89	137.38
1968	165.99	163.63	164.91	164.84	163.56	165.61	166.75	166.79	167.38	168.55	167.42	165.04	166.38	1968	142.71	137.03	136.78	137.52	140.68	141.34	144.19	145.29	144.62	146.45	138.53	148.94	151.55
1969	165.27	164.42	163.68	164.30	163.79	165.04	166.32	166.75	166.79	167.19	165.95	165.23	164.47	1969	154.80	150.23	149.67	149.03	154.86	155.37	150.59	154.01	156.60	158.41	159.78	161.08	160.64
1970	163.65	163.41	162.93	163.45	162.13	162.90	163.99	165.60	165.81	164.45	163.04	162.14	163.09	1970	164.40	159.05	160.60	160.32	163.35	161.88	163.50	163.88	163.58	164.97	168.60	169.12	170.68
1971	168.31	164.66	165.27	166.45	166.42	167.12	169.27	169.20	170.40	170.09	170.67	169.59	171.33	1971	172.14	169.18	168.02	168.82	171.32	171.32	172.53	172.55	173.85	175.14	167.78	166.27	184.47
1972	176.35	172.81	172.90	173.91	174.66	175.01	176.17	176.93	177.69	178.86	178.51	176.98	177.75	1972	189.14	186.60	184.41	185.29	187.00	185.70	189.19	187.43	190.03	191.76	191.78	193.43	194.54
1973	173.78	173.96	173.98	174.15	174.11	174.12	175.61	176.72	173.63	174.78	172.52	172.18	171.45	1973	201.40	193.39	191.73	191.32	195.21	198.43	202.10	201.92	201.97	206.30	205.87	210.08	214.77
1974	165.37	167.78	166.76	165.81	164.27	166.08	167.65	167.17	165.98	166.20	164.35	161.41	161.73	1974	219.14	211.26	214.70	214.12	218.96	222.74	224.55	223.65	225.14	231.01	233.17	187.26	223.58
1975	164.02	158.92	157.75	157.83	157.64	165.57	166.80	166.23	167.75	168.00	166.80	166.11	167.25	1975	249.31	239.20	241.28	238.38	235.07	248.89	250.25	247.28	248.35	256.15	260.83	263.46	264.55
1976	166.00	164.86	164.92	164.47	163.																						

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
MINING														MINING													
GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS													
1947	162.30	168.54	162.09	160.00	144.64	162.27	165.44	149.81	167.01	165.97	167.71	165.76	167.42	1957	80.29	79.38	79.57	78.87	79.32	79.05	82.41	81.97	81.47	83.28	81.02	78.77	80.37
1948	165.04	170.18	165.88	169.53	138.57	168.46	165.55	152.36	171.96	166.96	171.56	166.08	172.90	1958	78.55	78.57	77.38	76.48	74.78	75.85	79.93	78.12	79.42	80.45	80.34	81.25	82.70
1949	158.60	175.72	168.60	164.02	168.17	171.91	150.86	144.27	139.31	146.35	170.82	164.57	139.56	1959	83.96	82.09	82.89	83.18	83.06	84.66	86.24	80.57	84.00	83.03	84.43	84.69	87.63
1950	169.17	144.30	153.13	182.57	173.23	168.26	168.78	170.50	167.28	170.37	175.30	170.93	174.75	1960	84.54	85.27	82.85	85.87	85.85	85.54	85.54	85.51	85.02	84.23	84.85	82.84	83.35
1951	172.75	172.08	169.34	164.51	168.54	168.67	171.80	172.69	171.82	176.91	177.88	176.62	181.69	1961	85.98	85.17	83.86	81.55	83.35	84.14	86.36	88.20	86.56	87.41	89.25	87.93	87.94
1952	177.15	182.15	176.13	176.57	163.62	169.93	164.99	162.22	177.35	188.73	176.30	188.14	191.75	1962	88.76	86.89	87.93	88.66	88.76	87.92	88.74	87.52	89.68	90.43	89.58	88.24	89.81
1953	188.28	186.86	183.75	182.55	181.21	188.86	193.24	189.84	195.56	190.18	192.76	187.18	186.80	1963	91.13	89.35	89.66	88.82	89.97	91.12	93.57	89.66	91.65	93.37	92.82	90.71	92.30
1954	186.04	187.15	183.04	177.03	177.83	182.30	188.99	183.42	188.54	186.95	192.22	192.69	196.96	1964	96.05	94.29	93.64	92.87	93.64	95.83	96.71	95.16	96.93	96.36	99.17	98.82	97.92
1955	202.58	198.37	197.87	195.51	197.32	202.68	205.10	204.60	202.65	205.34	208.69	202.30	210.70	1965	101.90	99.38	98.57	99.16	99.49	102.50	102.50	101.69	104.00	102.82	104.45	102.07	104.79
1956	212.19	212.01	208.91	207.92	213.06	212.24	213.64	209.93	207.83	214.73	213.03	209.76	218.64	1966	105.31	102.31	102.18	103.25	98.92	105.80	107.37	106.29	106.64	107.77	109.21	106.11	107.55
1957	211.75	212.98	212.58	210.20	210.50	209.33	217.72	215.07	213.68	218.29	211.97	205.46	209.72	1967	109.59	107.81	105.70	105.87	108.15	108.06	109.76	112.08	110.53	111.65	111.40	112.00	110.79
1958	201.43	203.62	200.04	196.43	191.59	194.38	204.62	199.90	203.28	205.98	205.67	208.16	212.13	1968	112.66	110.06	109.87	110.43	110.66	111.14	113.16	113.94	113.46	114.76	109.07	116.52	118.44
1959	215.55	211.80	214.00	214.77	214.46	218.37	221.75	205.91	215.21	212.15	215.05	215.75	223.65	1969	120.29	116.85	116.44	115.99	120.33	120.72	117.12	119.69	121.64	123.00	124.03	125.01	124.68
1960	214.81	218.99	212.02	220.16	218.75	217.91	217.46	217.38	216.09	213.99	214.75	208.98	210.35	1970	129.67	125.55	126.75	126.53	128.86	127.73	128.98	129.27	129.04	130.11	132.90	133.30	134.50
1961	216.44	215.16	211.69	205.57	210.35	212.44	217.89	221.86	217.98	219.78	224.63	221.15	221.17	1971	137.86	135.52	134.60	135.23	137.21	137.21	138.17	138.18	139.21	140.23	134.41	133.21	147.61
1962	221.84	218.71	221.01	222.03	221.84	219.66	221.80	218.16	223.80	224.86	222.67	219.16	223.69	1972	151.36	149.33	147.59	148.29	149.65	148.62	151.40	149.99	152.06	153.44	153.46	154.77	155.65
1963	226.53	223.25	224.06	221.43	224.43	227.42	232.83	221.85	226.98	231.40	229.53	223.67	227.31	1973	158.31	152.43	151.20	150.90	153.77	156.15	158.82	158.69	158.73	161.88	161.57	164.78	168.47
1964	229.96	226.49	224.86	222.96	224.42	229.86	231.60	227.33	232.15	230.29	236.77	235.46	232.79	1974	171.24	165.50	168.01	167.58	171.11	173.87	175.19	174.53	175.62	179.90	181.47	147.90	174.48
1965	237.08	233.29	231.32	232.75	232.64	239.42	238.05	236.11	242.11	238.81	242.24	236.13	241.67	1975	194.39	185.87	187.38	185.27	182.86	194.73	195.70	193.58	194.34	199.93	203.36	205.30	206.10
1966	242.99	240.46	238.75	240.43	238.91	245.50	248.22	244.80	244.69	246.85	248.80	241.69	244.99	1976	214.85	210.00	210.46	210.76	208.64	211.20	212.12	213.78	203.02	223.79	221.47	222.84	225.59
1967	246.62	246.17	240.88	240.83	245.59	244.49	247.91	251.79	247.40	249.48	248.45	248.91	245.32	1977	232.49	221.75	225.44	228.10	230.44	230.44	232.60	236.30	231.42	240.03	242.18	242.74	223.55
1968	248.62	243.83	242.52	242.97	247.68	247.96	251.64	252.24	250.64	252.94	238.02	254.60	258.62	1978	252.33	223.59	229.08	231.89	251.65	251.23	254.32	255.44	255.39	260.81	262.81	265.78	263.55
1969	255.87	255.49	253.68	250.47	258.53	258.52	249.32	253.72	256.72	258.42	259.80	260.65	258.26	1979	275.38	264.54	265.86	269.08	274.84	272.93	276.74	269.40	275.92	280.43	281.46	285.12	286.70
1970	256.47	254.89	255.73	254.07	257.24	254.13	255.07	254.87	254.01	254.98	258.99	258.99	260.18	1980	294.15	287.19	287.44	289.28	290.45	288.85	293.63	285.05	293.89	299.45	301.31	304.70	309.66
1971	257.69	257.50	255.35	255.79	258.79	257.24	257.89	257.15	258.32	260.24	248.93	246.33	272.08	1981	309.79	307.44	307.44	304.27									
1972	274.12	274.82	270.40	271.29	272.99	270.31	274.59	271.24	274.21	275.91	274.76	276.72	277.52	SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS													
1973	274.76	274.70	270.42	267.58	271.13	273.70	277.23	276.22	271.47	276.17	273.40	277.15	281.48	1947	137.62	142.93	137.71	135.88	123.51	137.73	140.25	127.60	141.43	140.45	141.84	140.24	141.50
1974	269.21	274.36	275.26	271.73	276.12	277.73	277.56	274.42	272.57	276.33	276.60	220.31	261.19	1948	143.12	147.49	143.99	147.03	121.38	146.00	143.54	132.56	148.74	144.60	148.41	143.95	149.62
1975	280.75	278.14	278.61	274.32	268.96	283.47	282.77	276.60	276.87	284.30	287.57	288.88	288.81	1949	137.81	151.96	146.15	142.37	145.76	148.88	131.47	126.14	122.02	127.77	147.98	142.83	122.23
1976	291.69	290.98	290.73	290.55	286.09	288.41	288.25	288.88	271.75	301.18	296.51	297.59	301.00	1950	144.86	125.49	132.71	157.02	149.28	145.17	145.55	146.93	144.19	146.72	146.60	143.10	146.05
1977	301.20	293.54	295.84	298.12	299.34	297.84	301.98	306.42	297.78	309.65	311.99	311.53	281.61	1951	143.33	143.41	141.16	137.25	140.49	140.58	143.08	143.81	143.11	147.15	147.90	143.77	147.69
1978	309.37	279.75	286.00	288.23	314.50	310.93	312.31	311.64	310.14	315.25	315.31	317.47	312.88	1952	144.13	148.05	143.41	143.73	133.65	138.56	134.69	132.47	144.24	153.11	143.45	152.65	155.46
1979	304.48	308.60	306.90	308.07	312.11	305.88	307.28	294.21	299.93	302.70	301.65	303.88	302.83	1953	152.77	151.68	149.29	148.34	147.29	153.23	156.61	153.95	158.40	154.18	156.19	151.87	151.58
1980	291.07	299.24	295.43	293.49	291.67	286.88	289.58	278.87	287.79	291.78	291.50	292.82	296.17	1954	153.54	154.40	151.13	146.31	146.97	150.52	155.89	151.42	155.54	154.27	158.51	158.89	162.31
1981	296.64	296.64	290.64	285.19										1955	166.29	162.93	162.52	160.63	162.09								

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS															
MINING														MINING															
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS															
1967	198.89	198.55	194.30	194.26	198.08	197.19	199.93	203.04	199.51	201.17	200.36	200.72	197.84	1977	254.32	238.03	241.95	244.98	247.71	247.71	257.39	261.34	256.12	265.33	267.63	268.22	247.55		
1968	196.27	195.84	194.80	195.11	194.82	194.98	197.49	197.81	196.64	198.20	187.41	199.18	202.12	1978	276.51	244.45	250.60	253.71	275.73	275.26	278.79	280.06	280.00	286.16	288.42	291.68	289.25		
1969	198.83	198.72	197.36	194.94	200.88	200.87	193.91	197.18	199.41	200.65	201.67	202.28	200.45	1979	303.24	290.87	292.38	296.05	302.62	300.45	304.79	296.41	303.86	309.18	310.44	314.89	316.80		
1970	202.29	201.20	201.83	200.52	202.93	200.52	201.22	201.04	200.37	201.10	204.15	204.13	205.03	1980	325.53	317.41	317.71	319.85	321.22	319.35	324.93	314.80	325.23	331.72	333.89	337.84	343.63		
1971	206.38	206.27	204.56	204.89	207.27	206.02	206.53	205.93	206.85	208.37	199.42	197.35	217.71	1981		344.16	341.41	337.70											
1972	219.36	219.93	216.41	217.12	218.47	216.33	219.74	217.06	219.42	220.78	219.86	221.42	222.04	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS															
1973	215.98	216.52	213.26	211.05	213.57	215.38	217.86	217.09	213.35	216.71	214.57	217.39	220.80	1947	152.79	158.68	153.39	151.24	138.65	153.16	155.63	142.62	156.58	155.32	156.74	155.03	156.18		
1974	210.37	214.94	215.40	212.66	215.78	216.80	216.55	214.15	212.62	215.19	215.27	174.00	203.83	1948	158.21	162.86	159.33	162.51	136.02	161.22	158.62	147.17	163.79	159.53	163.50	158.98	164.91		
1975	218.91	216.13	216.37	213.20	209.22	221.79	221.13	216.53	216.66	221.90	224.21	225.11	225.00	1949	152.82	167.30	161.48	157.53	161.02	164.25	146.29	140.87	136.66	142.46	163.37	158.04	136.95		
1976	228.81	228.76	228.51	228.34	225.07	226.61	226.38	226.70	214.38	235.32	231.91	232.61	234.99	1950	160.73	140.34	147.83	172.78	164.79	160.51	160.87	162.17	159.25	161.79	164.36	160.74	166.48		
1977	232.49	229.55	230.98	232.28	232.77	231.60	232.14	234.89	229.13	236.72	238.13	237.75	218.10	1951	160.56	160.64	158.18	154.13	157.44	157.45	160.00	160.75	160.02	164.08	164.78	162.51	166.48		
1978	234.51	216.87	220.69	221.90	238.53	235.90	236.36	235.65	234.52	237.75	237.62	239.01	235.73	1952	162.79	166.84	162.17	162.51	152.06	157.11	153.09	150.70	162.79	171.90	161.97	171.43	174.31		
1979	229.67	234.52	233.01	233.37	235.51	231.10	231.58	222.83	226.16	227.44	226.44	227.37	226.28	1953	171.54	170.45	168.12	167.06	165.99	172.07	175.48	172.71	177.23	172.88	174.89	170.52	170.23		
1980	216.13	223.49	220.60	218.82	217.24	213.96	215.11	208.67	213.74	215.74	215.22	215.64	217.31	1954	170.23	171.10	167.77	162.84	163.57	167.16	172.61	168.04	172.27	171.02	175.38	175.77	179.32		
1981		215.73	211.74	208.26										1955	183.35	179.93	179.52	177.60	179.09	183.47	185.46	184.97	183.42	185.54	188.29	183.04	189.98		
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS														1956	191.00	191.09	188.55	187.70	191.87	191.12	192.19	189.00	187.32	192.94	191.43	188.75			
1947	56.38	56.33	54.30	54.75	50.19	55.29	56.65	52.34	58.09	59.02	59.56	59.22	60.44	1957	189.61	190.90	190.50	188.50	188.68	187.68	194.50	192.23	191.09	194.83	189.64	184.29	187.78		
1948	62.81	63.68	61.82	62.89	53.32	63.68	63.13	59.31	66.17	64.45	65.89	63.59	65.47	1958	180.71	182.67	179.70	176.64	172.64	174.93	183.28	179.41	182.20	184.41	184.14	186.19	189.46		
1949	60.06	66.42	63.30	61.91	63.44	64.55	57.64	55.08	53.57	56.13	64.04	61.95	53.41	1959	191.14	188.16	189.96	190.59	190.33	193.51	196.22	183.22	190.83	188.30	190.62	191.18	197.67		
1950	63.81	54.45	57.21	67.21	64.27	62.76	63.22	64.38	63.86	65.20	66.73	65.42	67.55	1960	189.35	192.91	187.18	193.86	192.62	191.93	191.53	191.47	190.41	188.67	189.25	184.49	185.61		
1951	68.88	67.31	67.07	65.66	67.07	67.39	68.48	68.80	68.49	70.72	71.35	70.69	72.75	1961	190.55	189.57	186.71	181.69	185.61	187.34	191.76	194.97	191.82	193.27	197.25	194.40	194.40		
1952	71.30	72.91	70.38	70.53	66.30	68.50	66.46	71.79	75.81	71.43	75.60	76.87		1962	194.63	192.16	194.03	194.82	194.63	192.85	194.61	191.60	196.22	197.03	195.24	192.37	196.11		
1953	75.65	75.00	73.47	73.34	72.87	75.71	77.56	76.51	78.69	76.93	78.00	75.71	75.58	1963	197.41	194.78	195.44	193.26	195.73	198.17	202.57	193.51	197.73	201.34	199.78	194.97	197.92		
1954	75.58	76.14	74.49	72.30	72.30	74.22	76.81	74.78	76.49	75.76	77.52	77.69	79.08	1964	203.91	201.04	199.69	198.12	199.30	203.84	205.27	201.68	205.72	204.15	209.55	208.45	206.18		
1955	81.04	79.35	79.17	78.32	78.98	80.91	81.79	81.94	81.07	82.38	83.60	81.27	84.16	1965	211.65	208.55	206.88	208.08	207.95	213.68	212.45	210.80	215.91	213.10	215.98	210.78	215.44		
1956	85.57	84.46	83.34	83.15	85.19	85.24	86.10	85.43	84.48	87.21	87.10	85.88	89.37	1966	212.65	210.68	209.21	210.56	201.16	214.82	217.10	214.19	214.06	215.89	217.50	211.47	214.27		
1957	87.98	87.05	87.25	86.52	86.98	86.71	90.25	89.77	89.24	91.18	88.75	86.43	88.07	1967	215.10	214.81	210.31	210.26	214.27	213.32	216.21	219.38	215.70	217.41	216.55	216.88	213.88		
1958	86.20	86.22	85.00	84.08	82.35	83.44	87.61	85.76	87.09	88.15	88.02	89.00	90.56	1968	213.45	211.80	210.69	210.97	212.38	212.51	215.22	215.57	214.30	215.99	204.43	217.04	220.20		
1959	91.94	89.94	90.80	91.10	90.98	92.69	94.38	88.31	91.98	90.95	92.45	92.72	95.87	1969	216.68	216.63	215.15	212.52	218.93	218.89	211.37	214.91	217.30	218.63	219.74	220.37	218.38		
1960	92.59	93.37	90.78	94.02	94.00	93.66	93.66	93.63	93.11	92.26	92.92	90.77	91.32	1970	219.19	218.09	218.74	217.34	219.89	217.30	218.03	217.84	217.11	217.88	221.14	221.12	222.07		
1961	94.13	93.27	91.86	89.39	91.32	92.17	94.54	96.51	94.76	95.67	97.64	96.23	96.23	1971	222.23	222.18	220.38	220.71	223.20	221.86	222.38	221.74	222.69	224.29	214.85	212.67	234.13		
1962	97.12	95.12	96.24	97.02	97.12	96.23	97.11	95.80	98.11	98.91	98.01	96.57	98.25	1972	236.59	237.29	233.56	234.30	235.71	233.44	237.01	234.18	236.65	238.06	237.06	238.70	239.34		
1963	99.69	97.78	98.11	97.21	98.45	99.68	102.30	98.11	100.25	102.08	101.49	99.24	100.94	1973	232.95	233.66	230.20	227.82	230.44	232.33	234.98	234.15	230.11	233.69	231.39	234.38	237.99		
1964	104.40	102.53	101.84	101.04	101.84	104.16	105.10	103.46	105.33	104.73	107.71	107.35	106.39	1974	226.77	231.74	232.22	229.28	232.60	233.67	233.39	230.81	229.14	231.88	231.95	187.91	219.68		
1965	110.27	107.61	106.75	107.37	107.72	110.90	110.90	110.04	112.49	111.24	112.96	110.45	113.32	1975	237.51	232.84	233.09	229.69	225.41	241.44	240.75	235.72	235.85	241.49	243.88	244.78	244.63		
1966	113.98	110.82	110.67	111.81	107.22	114.50	116.15	115.02	115.38	116.58	118.10	114.83	116.35	1976	245.70														

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
CONSTRUCTION														CONSTRUCTION													
GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS														GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS													
1947	58.83	55.59	54.94	56.79	56.40	57.80	58.18	59.14	60.18	61.03	61.89	59.95	62.51	1957	216.10	203.77	216.29	213.27	213.71	217.19	219.72	220.28	224.24	223.50	221.75	206.72	212.37
1948	65.23	61.81	61.73	62.38	63.07	63.47	65.94	66.66	67.22	67.74	67.30	65.55	68.53	1958	217.57	214.32	200.32	211.34	212.33	218.76	216.92	219.85	223.97	225.98	227.76	217.64	216.13
1949	67.56	66.97	66.95	66.34	66.80	68.51	68.31	68.31	68.86	67.56	68.72	66.82	66.69	1959	225.38	217.80	211.13	216.76	224.14	226.68	230.12	229.42	234.65	226.89	229.96	220.70	228.39
1950	69.68	64.89	63.24	64.85	67.05	68.70	69.64	69.73	71.56	71.48	73.42	73.23	72.86	1960	230.41	220.99	219.38	222.43	229.59	229.73	232.99	239.04	239.98	239.78	242.10	225.67	221.00
1951	76.96	73.11	71.08	72.44	74.63	77.00	77.39	78.98	79.58	80.16	81.16	76.96	79.25	1961	239.03	235.26	233.23	229.21	229.94	236.36	242.41	242.71	247.83	244.04	249.27	239.66	232.67
1952	82.86	79.63	80.85	78.70	80.22	80.70	82.18	83.13	84.53	86.80	87.56	83.32	86.14	1962	245.43	225.37	229.27	237.77	241.96	248.16	244.25	252.68	255.42	256.25	254.16	242.25	236.87
1953	86.41	83.40	84.07	83.93	84.00	85.73	86.91	86.71	88.85	86.07	90.79	87.89	87.32	1963	251.86	240.46	234.34	243.26	246.94	253.08	255.49	256.67	260.30	259.94	264.94	244.62	244.33
1954	88.54	82.11	87.82	88.16	87.79	89.11	90.15	90.15	90.68	88.56	90.38	88.69	88.94	1964	257.93	238.00	247.78	251.22	255.60	260.27	260.39	262.16	267.64	256.12	271.15	256.50	260.31
1955	90.90	86.51	86.02	88.69	87.36	90.62	91.23	93.45	92.61	95.34	93.00	88.89	92.25	1965	265.60	255.37	255.29	260.31	256.47	270.10	267.16	269.90	275.51	266.53	276.81	260.50	267.34
1956	96.38	90.11	91.84	89.56	92.74	94.50	97.79	97.67	99.33	100.62	101.13	96.78	98.05	1966	272.87	263.00	263.53	269.79	265.18	267.28	274.90	280.34	278.57	282.28	281.49	266.13	274.77
1957	100.27	92.92	99.06	97.89	98.52	100.34	101.95	102.87	104.72	104.60	103.78	96.95	99.60	1967	281.22	276.10	265.29	270.09	270.33	274.25	281.11	287.45	287.80	294.32	289.86	290.34	278.32
1958	103.78	101.16	94.75	100.60	101.28	104.35	103.69	105.09	107.06	108.02	108.87	104.03	103.31	1968	286.57	271.53	275.35	275.02	281.73	286.95	289.51	289.72	295.11	300.10	298.88	272.22	288.70
1959	108.41	104.11	100.92	103.61	107.14	108.58	110.69	110.58	113.10	109.59	111.53	107.04	110.77	1969	300.07	285.70	282.73	288.69	291.12	299.22	300.71	303.48	308.31	314.62	309.51	298.16	304.66
1960	112.67	106.96	106.40	107.88	112.04	112.11	113.93	116.89	117.35	117.25	118.87	111.03	108.73	1970	304.91	289.82	297.68	299.49	304.19	305.43	307.11	311.74	316.61	299.63	312.80	301.58	310.15
1961	118.08	115.75	114.75	112.77	113.13	116.29	119.51	120.14	122.43	120.80	123.39	118.63	115.17	1971	316.87	301.92	298.36	308.89	308.25	311.38	317.25	319.97	324.67	318.78	331.82	328.16	315.35
1962	122.47	111.56	113.72	118.41	120.74	123.83	121.88	126.34	127.71	128.64	127.59	121.61	118.67	1972	320.57	311.09	310.06	315.51	314.44	317.03	318.98	322.79	329.13	333.80	335.24	316.52	315.15
1963	127.19	120.71	117.64	122.36	124.21	127.30	129.02	130.13	131.97	131.79	134.59	124.51	124.61	1973	321.81	314.13	308.34	317.44	317.86	321.52	324.94	326.98	324.14	327.44	326.81	323.42	314.47
1964	132.06	121.38	126.37	128.12	130.61	133.00	133.32	134.49	137.03	131.39	139.37	132.10	134.32	1974	306.20	294.82	304.62	301.81	295.84	302.19	308.81	309.57	312.03	316.73	316.63	303.62	306.55
1965	138.38	131.77	131.73	134.32	132.85	140.18	139.46	140.89	143.54	139.13	144.77	136.50	140.62	1975	299.64	294.72	287.37	287.87	296.98	301.79	298.19	303.77	307.67	308.83	304.32	295.30	298.46
1966	146.26	138.34	139.41	143.26	141.34	142.46	147.07	150.54	150.15	152.43	152.85	144.51	149.20	1976	302.16	292.12	292.82	287.31	296.90	300.88	303.36	306.20	306.86	304.04	316.73	302.96	303.93
1967	154.95	149.92	144.32	147.20	147.60	150.29	154.33	158.67	159.44	163.35	161.16	162.01	155.86	1977	295.65	281.45	296.50	294.68	294.72	295.57	295.78	298.48	296.30	298.95	303.24	292.06	291.97
1968	164.49	152.60	155.30	155.66	160.02	163.56	165.89	166.88	170.28	173.76	173.95	159.25	169.18	1978	296.18	267.26	277.67	290.99	293.80	293.60	301.86	304.47	304.18	303.90	304.98	292.13	296.66
1969	181.54	167.99	166.81	171.77	174.38	179.83	181.63	184.21	188.07	192.86	190.35	184.26	189.50	1979	286.06	276.55	280.96	289.27	275.77	288.99	290.64	289.52	291.68	293.40	287.83	277.57	280.98
1970	195.45	180.85	186.94	188.98	193.16	194.56	196.86	200.45	203.90	193.86	203.63	196.93	203.46	1980	269.68	260.15	263.02	264.52	265.44	266.77	271.82	273.23	272.36	278.70	277.21	266.69	269.67
1971	211.67	198.36	196.32	203.87	204.06	207.38	212.24	214.70	218.50	214.54	223.65	221.51	213.81	1981	264.13	250.93	265.82										
1972	221.19	211.23	211.46	215.49	215.39	217.80	219.78	223.05	228.09	231.99	234.00	221.25	220.92	SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS													
1973	235.89	221.15	218.61	226.97	228.86	233.10	236.88	239.02	241.16	244.60	246.09	245.15	239.94	IN CURRENT DOLLARS													
1974	249.25	227.01	237.60	237.83	234.60	242.36	249.83	252.30	257.74	264.79	266.92	258.08	262.41	1947	49.92	47.32	46.80	48.28	47.97	49.09	49.40	50.18	51.02	51.71	52.41	50.83	52.91
1975	266.08	253.46	248.86	250.16	259.56	264.97	263.90	271.57	275.98	278.26	276.02	269.31	273.39	1948	56.58	53.76	53.69	54.23	54.80	55.13	57.17	57.77	58.23	58.66	58.29	56.85	59.31
1976	283.73	268.17	269.69	265.19	275.23	280.42	284.25	288.75	290.60	289.14	302.48	290.24	291.77	1949	58.51	58.02	58.00	57.50	57.88	59.29	59.13	59.13	59.58	58.51	59.47	57.90	57.79
1977	295.65	271.88	289.38	289.38	291.77	294.09	296.37	300.27	299.26	303.14	308.39	298.19	299.27	1950	59.58	56.01	54.65	55.98	57.80	59.16	59.94	60.01	61.52	61.46	61.32	61.17	60.87
1978	318.69	275.55	288.22	304.08	309.96	312.68	324.80	330.05	331.25	333.38	337.31	324.85	331.67	1951	63.76	60.90	59.28	60.37	62.12	64.02	64.34	65.61	66.09	66.56	67.36	62.64	64.42
1979	342.99	311.95	320.57	333.53	321.82	341.30	347.32	350.03	355.85	361.76	357.77	348.07	356.00	1952	67.23	64.72	65.67	64.00	65.18	65.55	66.71	67.45	68.54	70.30	70.89	67.59	69.79
1980	367.04	334.29	342.72	349.69	354.89	360.14	371.04	373.23	374.49	386.84	388.10	376.83	384.28	1953	70.00	67.66	68.18	68.07	68.12	69.47	70.39	70.23	71.90	69.73	73.41	71.15	70.71
1981	379.29	364.35	388.37											1954	72.93	67.77	72.35	72.62	72.33	73.39	74.22	74.22	74.65	72.95	74.40	73.05	73.25
														1955	74.59	71.07	70.68	72.82	71.75	74.37	74.86	767.6					

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
CONSTRUCTION														CONSTRUCTION													
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS													
1967	124.51	120.61	116.27	118.50	118.81	120.89	124.03	127.39	127.99	131.02	129.32	129.98	125.21	1977	228.88	220.91	231.42	230.01	229.76	230.12	228.10	229.72	228.16	229.75	232.44	225.01	224.82
1968	128.85	121.67	123.76	124.04	124.82	127.48	129.23	129.98	132.54	135.15	135.30	124.24	131.71	1978	226.07	208.53	215.28	223.69	225.19	224.74	229.76	231.13	230.76	230.30	230.67	222.35	225.02
1969	140.41	130.21	129.32	133.06	135.02	139.12	140.48	142.41	145.20	148.63	146.84	142.44	146.23	1979	217.91	214.05	216.44	221.37	212.31	220.32	220.95	219.83	220.89	221.63	217.80	210.94	212.78
1970	153.15	142.33	146.92	148.44	151.51	152.51	154.15	156.71	159.17	152.01	158.98	154.20	158.86	1980	203.26	199.00	200.39	200.88	201.11	201.65	204.48	205.29	204.50	207.91	206.67	199.99	201.44
1971	168.96	158.55	156.95	162.86	163.01	165.60	169.41	171.33	174.31	171.21	178.28	176.66	170.64	1981		196.44	188.04	196.77									
1972	176.68	168.83	169.01	172.19	172.11	174.01	175.57	178.14	182.11	185.18	186.77	176.72	176.46	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS													
1973	185.10	173.50	171.50	178.08	179.57	182.91	185.88	187.57	189.25	191.94	193.09	192.37	188.29	1947	55.50	52.84	52.31	53.82	53.50	54.65	54.96	55.76	56.62	57.32	58.04	56.43	58.55
1974	193.10	176.98	184.70	184.87	182.51	188.17	193.51	195.27	199.31	204.46	206.01	199.56	202.72	1948	62.56	59.66	59.59	60.14	60.73	61.07	63.17	63.78	64.26	64.70	64.33	62.84	65.37
1975	206.38	196.09	192.82	193.74	200.30	206.41	205.62	211.29	214.80	216.49	214.83	209.60	212.74	1949	64.55	64.04	64.03	63.51	63.90	65.35	65.18	65.18	65.65	64.55	65.53	63.92	63.81
1976	221.87	210.75	211.84	208.62	215.80	219.51	222.24	225.45	226.69	225.71	234.92	226.45	227.46	1950	65.94	62.00	60.59	61.96	63.83	65.24	66.04	66.11	67.67	67.60	68.57	68.42	68.12
1977	228.88	213.40	225.87	227.46	228.97	228.56	231.10	230.44	232.97	236.39	229.74	230.44		1951	71.21	68.14	66.48	67.59	69.39	71.33	71.65	72.95	73.45	73.92	74.74	70.79	72.63
1978	243.25	214.99	223.46	233.76	237.58	239.35	247.22	250.55	251.30	252.64	255.12	247.25	251.57	1952	75.51	72.93	73.91	72.19	73.40	73.79	74.97	75.73	76.85	78.67	79.28	75.88	78.14
1979	261.28	241.45	246.96	255.24	247.76	260.20	264.04	265.77	269.49	273.27	270.72	264.52	269.59	1953	78.36	75.95	76.48	76.37	76.43	77.81	78.76	78.60	80.31	78.08	81.86	79.54	79.08
1980	276.64	255.72	261.11	265.56	268.88	272.23	279.12	280.43	281.19	288.58	289.34	282.59	287.05	1954	80.45	75.18	79.86	80.14	79.84	80.92	81.77	81.77	82.21	80.47	81.96	80.58	80.78
1981		282.09	273.03	287.48										1955	82.16	78.56	78.16	80.35	79.26	81.93	82.43	84.25	83.56	85.80	83.88	80.51	83.27
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS														1956	86.65	81.51	82.93	81.06	83.67	85.11	87.81	87.71	89.07	90.13	90.55	86.98	88.02
1947	135.28	133.30	132.20	133.37	132.51	135.98	135.71	136.73	137.52	136.08	137.92	133.06	136.72	1957	89.63	83.60	88.64	87.68	88.20	89.69	91.01	91.76	93.28	93.18	92.51	86.91	89.08
1948	142.52	137.49	138.38	140.13	139.80	139.57	143.64	143.35	144.13	145.20	144.64	142.13	149.40	1958	92.51	90.36	85.11	89.90	90.46	92.98	92.44	93.58	95.20	95.99	96.68	92.71	92.12
1949	148.88	146.15	147.96	146.31	146.90	150.87	150.08	151.23	151.99	148.50	151.71	147.70	148.18	1959	95.82	92.29	89.67	91.88	94.77	95.96	97.69	97.60	99.66	96.78	98.37	94.69	97.75
1950	150.08	144.36	141.21	143.91	148.21	151.30	152.52	151.16	153.42	152.51	151.03	150.29	147.38	1960	98.85	94.17	93.71	94.92	98.33	98.39	99.88	102.31	102.69	102.61	103.93	97.50	95.62
1951	148.62	145.35	139.81	141.71	145.82	149.58	150.33	153.29	154.42	154.43	155.57	144.00	147.41	1961	103.29	101.38	100.56	98.93	99.23	101.82	104.46	104.97	106.85	105.52	107.64	103.74	100.90
1952	153.49	148.10	151.31	147.47	149.50	150.34	152.65	152.95	155.42	159.41	160.75	153.27	158.25	1962	106.78	97.83	99.60	103.45	105.36	107.89	106.29	109.95	111.07	111.83	110.97	106.07	103.66
1953	158.73	153.77	156.02	155.06	155.17	157.89	159.25	158.53	161.94	156.70	164.60	160.25	159.26	1963	110.18	104.86	102.34	106.22	107.73	110.27	111.68	112.59	114.10	113.95	116.24	107.98	108.06
1954	164.26	152.29	162.95	163.56	163.64	165.29	166.79	166.79	168.13	164.67	168.33	165.27	166.10	1964	116.40	107.45	111.63	113.09	115.18	117.18	117.45	118.43	120.55	115.83	122.47	116.43	118.29
1955	168.76	161.16	160.27	165.12	162.70	168.64	169.75	173.00	171.86	176.01	171.80	164.37	170.81	1965	122.83	117.26	117.23	119.42	118.17	124.32	123.72	124.91	127.10	123.45	128.12	121.27	124.68
1956	176.32	167.33	170.48	165.96	171.33	173.72	178.84	177.04	180.31	182.08	181.76	174.31	176.16	1966	127.38	120.81	121.70	124.89	123.30	124.23	128.05	130.93	130.60	132.49	132.84	125.93	129.82
1957	176.38	166.69	176.66	174.29	174.62	177.25	179.14	179.51	182.55	181.94	180.62	168.96	173.39	1967	134.33	130.16	125.52	127.91	128.24	130.47	133.82	137.42	138.06	141.30	139.48	140.19	135.09
1958	177.21	174.83	163.81	172.46	173.19	178.11	176.69	178.93	182.09	183.62	184.98	177.24	176.09	1968	139.98	131.37	133.60	133.90	135.92	138.79	140.69	141.49	144.25	147.08	147.23	135.30	143.36
1959	182.08	176.34	171.21	175.54	181.19	183.11	185.72	185.15	189.15	183.21	185.51	178.41	184.31	1969	152.80	141.80	140.84	144.87	146.99	151.41	152.88	154.97	158.10	161.98	159.96	155.01	159.27
1960	184.85	177.71	176.45	178.80	184.22	184.34	186.81	191.45	192.17	192.00	193.75	181.16	177.58	1970	166.05	154.07	159.09	160.77	164.20	165.33	167.18	170.07	172.85	164.77	172.63	167.24	172.50
1961	191.36	188.50	186.95	183.86	184.43	189.35	193.96	194.16	198.10	195.17	199.19	191.82	186.46	1971	181.44	170.33	168.63	174.93	175.09	177.86	181.92	183.97	187.14	183.84	191.40	189.65	183.23
1962	195.93	180.63	183.61	190.08	193.29	198.02	201.48	203.58	204.18	202.57	193.45	189.34		1972	190.13	181.78	181.97	185.35	185.26	187.29	188.95	191.69	195.91	199.18	200.87	190.18	189.90
1963	199.86	191.16	186.47	193.30	196.10	200.82	202.63	205.21	206.29	206.02	209.84	194.24	194.02	1973	199.30	186.94	184.81	191.82	193.41	196.96	200.13	201.93	203.72	206.61	207.86	207.07	202.70
1964	209.65	193.96	201.67	204.37	207.83	211.51	211.58	212.98	217.30	208.21	220.04	208.49	211.47	1974	208.06	190.73	198.99	199.17	196.65	202.70	208.50	210.36	214.65	220.15	221.81	214.91	218.29
1965	218.46	210.31	210.25	214.26	211.18	222.08	219.71	221.90	226.28	219.20	227.25	214.33	219.81	1975	223.65	211.24	207.77	208.75	215.73	224.41	223.58	229.54	233.22	235.11	233.25	227.77	231.06
1966	220.19	212.57	212.99	217.89	214.28	215.91	221.78	225.96	222																		

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
CONSTRUCTION														MANUFACTURING													
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS														GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS													
1947	150.41	148.85	147.77	148.67	147.79	151.39	150.99	151.93	152.61	150.84	152.74	147.72	151.29	1947	49.13	46.85	47.07	47.47	47.40	48.36	49.25	48.96	49.16	50.22	50.79	51.11	52.45
1948	157.58	152.58	153.58	155.40	154.92	154.61	158.72	158.26	159.06	160.15	159.63	157.10	164.66	1948	53.08	51.84	51.88	51.99	51.60	51.87	53.06	52.80	54.14	54.13	54.80	54.53	55.20
1949	164.25	161.31	163.34	161.60	162.18	166.28	165.43	166.70	167.47	163.83	167.17	163.06	163.62	1949	53.80	54.37	54.37	53.82	52.85	53.13	53.54	53.54	53.57	54.65	54.39	53.57	54.92
1950	166.10	159.79	156.56	159.28	163.67	166.85	168.04	166.52	168.75	167.74	168.89	168.11	164.94	1950	58.28	55.18	55.58	55.58	55.98	56.66	57.77	57.92	59.18	59.31	60.56	61.24	62.93
1951	165.99	162.63	156.79	158.66	162.89	166.66	167.41	170.44	171.61	171.51	172.61	162.74	166.20	1951	63.34	62.17	62.42	63.14	63.24	62.93	63.90	63.11	62.87	64.15	63.83	64.24	66.17
1952	172.40	166.89	170.30	166.34	168.35	169.24	171.56	171.72	174.26	178.39	179.77	172.06	177.19	1952	66.75	65.53	65.77	66.18	64.71	65.36	66.02	64.48	66.42	68.39	68.97	69.63	70.89
1953	177.69	172.61	175.01	173.96	174.10	176.84	178.19	177.43	180.88	175.46	183.54	179.14	178.11	1953	70.47	70.11	70.35	70.69	70.58	70.24	70.82	70.12	70.47	70.22	70.93	70.40	71.15
1954	181.19	168.94	179.86	180.50	180.63	182.25	183.75	183.75	185.16	181.65	185.43	182.31	183.17	1954	70.49	69.74	70.09	69.92	69.03	69.95	70.31	69.74	69.87	70.67	71.02	72.36	73.31
1955	185.88	178.14	177.23	182.20	179.73	185.78	186.92	190.18	189.05	193.24	188.92	181.33	187.97	1955	75.30	72.76	73.53	73.89	73.57	74.89	75.14	75.11	76.48	77.27	78.28	78.47	80.82
1956	193.42	184.41	187.62	182.98	188.45	190.83	196.00	194.05	197.49	199.40	199.01	191.16	193.03	1956	78.78	77.55	76.76	77.38	77.59	77.60	78.20	77.79	78.39	80.18	80.99	81.00	82.82
1957	193.17	183.33	193.54	191.02	191.32	194.13	196.49	196.49	199.74	199.10	197.67	185.31	189.94	1957	81.19	81.20	81.20	81.40	80.79	80.59	81.60	81.59	81.60	82.00	81.37	81.74	81.95
1958	193.94	191.44	179.94	188.87	189.64	194.93	193.39	195.77	199.16	200.82	202.26	193.95	192.72	1958	82.32	80.29	79.49	80.08	79.66	80.67	81.93	82.32	83.16	84.19	83.77	85.39	86.83
1959	199.21	193.08	187.59	192.22	198.26	200.33	203.10	202.49	206.76	200.37	202.82	195.24	201.55	1959	88.26	86.58	86.58	88.04	88.26	89.10	89.95	88.44	87.48	87.85	87.64	87.78	90.72
1960	202.15	194.57	193.22	195.71	201.50	201.62	204.25	209.22	210.00	209.84	211.67	198.17	194.35	1960	89.72	91.08	89.95	89.72	88.65	90.00	90.63	90.17	89.15	89.89	90.12	89.21	88.39
1961	209.09	206.06	204.39	201.08	206.95	211.89	212.06	216.30	213.17	217.45	209.58	203.84	203.84	1961	92.34	89.08	88.92	89.54	90.39	91.71	93.03	92.80	92.46	92.34	94.54	95.41	96.22
1962	213.99	197.64	200.81	207.73	211.14	216.21	213.01	219.90	222.14	222.77	221.06	211.29	206.91	1962	96.56	94.49	94.80	95.51	96.15	96.39	96.87	96.39	95.34	97.27	96.56	97.36	98.01
1963	218.18	208.88	203.86	211.17	214.17	219.22	221.15	222.07	225.05	224.75	228.82	212.14	211.88	1963	99.23	97.44	97.20	97.69	97.36	99.23	100.37	99.23	98.42	100.53	100.78	101.09	102.25
1964	227.34	210.69	218.88	221.75	225.40	229.32	229.39	230.86	235.45	225.79	238.27	226.08	229.24	1964	102.97	99.90	100.75	101.00	102.06	102.82	103.73	102.56	103.07	104.19	102.56	104.30	106.66
1965	235.76	227.25	227.19	231.43	228.13	239.54	237.01	239.29	243.95	236.49	244.97	231.43	237.03	1965	107.53	105.52	105.78	106.71	105.41	107.12	108.05	107.01	106.45	107.83	108.62	109.71	110.92
1966	237.65	229.68	230.06	235.20	231.33	233.08	239.35	243.82	242.30	245.35	244.64	231.92	239.08	1966	112.19	110.00	110.27	110.95	111.24	112.05	112.32	111.38	111.78	113.71	113.85	113.99	114.40
1967	243.79	239.71	230.74	234.70	234.87	238.08	243.75	248.95	249.21	254.59	250.86	251.24	241.23	1967	114.49	113.42	111.48	112.44	112.56	113.52	114.09	113.65	114.77	116.85	116.28	116.81	119.60
1968	243.87	233.75	236.88	236.57	239.30	243.49	245.53	245.64	250.00	254.02	252.97	231.28	244.64	1968	122.51	117.60	119.07	120.18	117.91	122.29	123.30	122.10	121.69	125.25	125.36	126.28	127.82
1969	252.56	241.16	238.71	243.48	245.39	251.93	253.11	255.30	259.18	264.24	260.10	250.83	256.06	1969	129.51	126.05	124.80	127.39	127.58	128.61	129.65	129.20	129.51	132.84	131.87	132.36	134.89
1970	259.05	246.91	253.33	254.79	258.58	259.54	260.81	264.49	268.40	254.67	265.18	256.11	262.96	1970	133.33	131.60	130.54	132.40	131.80	132.93	134.34	134.06	133.73	135.04	133.45	134.58	138.05
1971	271.62	259.25	256.28	265.05	264.49	267.06	271.93	274.17	278.07	273.16	283.98	280.96	270.25	1971	142.44	137.86	137.94	139.74	139.48	141.65	143.51	142.09	142.09	143.32	144.00	145.12	150.22
1972	275.55	267.72	266.82	271.38	270.45	272.62	274.24	277.41	282.70	286.59	287.78	272.07	270.90	1972	154.71	148.06	149.20	151.13	153.09	153.50	155.04	153.52	155.09	158.69	158.30	159.92	163.58
1973	271.90	265.54	260.66	268.28	268.63	271.67	274.53	276.24	273.82	276.59	276.04	273.18	265.66	1973	166.46	159.60	161.60	162.80	164.02	164.84	166.05	166.05	165.65	170.15	169.31	171.37	174.69
1974	255.60	247.70	255.12	252.75	247.98	252.74	257.73	258.11	259.87	263.34	263.12	252.84	255.01	1974	176.80	169.60	170.02	171.25	166.96	175.71	178.16	177.60	179.25	183.37	184.06	183.02	186.73
1975	251.86	245.63	239.92	240.22	246.83	255.59	252.63	256.76	260.00	260.94	257.17	249.75	252.25	1975	190.79	181.12	180.95	183.44	184.78	186.03	189.60	188.94	192.15	197.38	196.80	198.90	205.73
1976	253.63	246.49	246.97	242.65	249.98	252.84	254.59	256.59	256.98	254.73	264.74	253.74	254.42	1976	209.32	201.60	202.40	204.11	199.92	207.55	209.79	209.32	210.53	214.13	213.33	216.81	222.22
1977	250.31	237.22	248.39	246.87	246.71	247.24	252.55	254.25	252.54	254.22	257.06	249.10	248.86	1977	228.90	215.05	218.65	221.90	222.96	226.24	230.52	228.17	229.31	235.65	236.29	238.10	243.72
1978	247.49	227.87	235.36	244.78	246.46	245.98	251.57	253.20	252.83	252.39	252.88	243.46	246.55	1978	249.27	234.02	236.81	242.80	244.02	245.23	249.29	249.05	249.27	256.00	257.00	261.35	268.27
1979	239.49	234.51	237.34	243.06	232.84	242.10	242.93	241.75	243.05	243.97	239.68	231.94	234.12	1979	269.34	260.65	262.51	266.34	254.80	265.86	269.47	268.13	268.00	274.04	274.85	277.55	285.48
1980	223.86	218.53	220.22	220.90	221.26	221.96	225.34	226.34	225.53	229.86	228.51	220.67	222.62	1980	288.62	277.41	278.60	281.39	279.35	280.21	282.96	282.85	287.62	295.32	298.10	305.52	314.16
1981		217.01	207.18	217.71																							

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
MANUFACTURING														MANUFACTURING													
GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS													
1949	136.90	136.95	138.70	136.95	134.14	135.19	135.89	136.93	136.66	138.71	138.75	136.66	140.82	1950	50.23	48.16	48.23	48.33	48.65	49.14	50.04	50.39	51.20	51.44	51.11	51.42	52.77
1950	146.80	142.22	143.62	142.88	143.54	144.91	147.00	145.89	147.58	147.17	149.16	150.47	152.37	1951	52.97	52.24	52.43	53.00	53.08	52.84	53.60	52.98	52.79	53.80	53.54	52.81	54.29
1951	147.65	148.38	147.22	148.22	148.45	147.03	149.30	147.45	146.89	148.84	147.41	147.68	151.42	1952	54.73	53.80	53.98	54.30	53.17	53.67	54.17	53.00	54.48	55.98	56.43	56.93	57.91
1952	152.40	149.95	151.54	152.49	148.42	149.91	151.08	146.21	150.61	155.08	156.39	157.89	160.75	1953	57.59	57.31	57.49	57.76	57.67	57.41	57.86	57.32	57.59	57.39	57.95	57.53	58.12
1953	159.80	159.34	160.98	161.03	160.77	159.64	160.23	158.28	158.72	157.80	159.04	158.56	160.25	1954	58.45	57.85	58.13	58.00	57.29	58.02	58.31	57.85	57.96	58.60	58.88	59.95	60.71
1954	158.76	156.72	157.86	157.48	156.18	157.55	158.00	156.72	157.36	159.53	160.68	163.71	166.24	1955	62.19	60.21	60.81	61.09	60.84	61.87	61.87	62.07	62.05	63.12	63.74	64.52	64.67
1955	170.36	164.99	166.73	167.55	166.83	169.82	169.82	169.62	169.93	172.25	174.03	176.31	177.13	1956	64.92	63.95	63.34	63.82	63.99	63.99	64.46	64.14	64.61	66.01	66.64	66.65	68.11
1956	175.85	175.45	173.67	174.67	174.75	173.99	174.55	172.10	173.81	177.39	178.00	178.02	181.62	1957	66.60	66.61	66.61	66.77	66.28	66.13	66.93	66.93	66.93	67.25	66.75	67.05	67.21
1957	174.98	178.07	177.29	177.34	175.25	174.44	175.86	174.71	174.73	175.21	173.87	174.29	174.73	1958	67.51	65.90	65.27	65.73	65.40	66.19	67.20	67.51	68.18	69.01	68.67	69.97	71.13
1958	172.58	170.11	168.05	168.24	167.00	169.12	171.40	172.22	173.97	176.13	175.25	178.64	181.65	1959	71.89	70.58	70.58	71.72	71.89	72.54	73.20	72.03	71.28	71.57	71.41	71.52	73.80
1959	183.49	181.13	181.13	184.18	184.64	186.01	187.01	183.49	181.49	181.88	180.70	180.99	187.05	1960	72.57	73.62	72.75	72.57	71.75	72.79	73.28	72.92	72.13	72.71	72.88	72.18	71.55
1960	183.48	188.18	185.46	184.99	181.66	184.43	185.34	184.40	182.31	183.82	183.54	181.32	179.65	1961	74.60	72.08	71.96	72.43	73.09	74.11	75.15	74.97	74.69	74.60	76.36	77.06	77.71
1961	186.92	181.06	180.73	181.99	183.72	186.40	188.70	187.47	187.17	186.55	190.99	192.75	194.38	1962	77.86	76.20	76.45	77.02	77.53	77.72	78.11	77.72	76.88	78.43	77.86	78.50	79.02
1962	193.51	190.89	191.13	191.79	192.69	193.17	194.13	192.78	190.68	193.76	192.35	193.94	195.63	1963	79.51	78.15	77.95	78.35	78.08	79.51	80.38	79.51	78.89	80.51	80.70	80.93	81.82
1963	196.50	194.10	193.63	194.21	193.56	197.28	198.75	195.72	194.12	198.28	198.39	198.61	200.49	1964	84.40	81.98	82.65	82.85	83.68	84.28	85.00	84.08	84.48	85.36	84.08	85.45	87.31
1964	201.11	195.88	197.55	198.04	199.73	201.21	202.60	199.92	201.31	203.10	199.53	202.52	206.71	1965	89.08	87.47	87.68	88.42	87.38	88.75	89.50	88.66	88.21	89.32	89.95	90.83	91.80
1965	206.39	204.50	205.00	206.80	203.49	206.40	206.99	205.00	204.32	206.57	207.69	209.37	210.87	1966	91.45	89.79	90.00	90.51	90.73	91.35	91.55	90.84	91.14	92.61	92.72	92.82	93.13
1966	209.31	209.13	208.45	208.95	208.71	210.23	209.94	207.41	207.38	210.57	209.67	209.93	210.68	1967	92.97	92.16	90.69	91.42	91.51	92.24	92.67	92.34	93.19	94.76	94.33	94.73	96.85
1967	207.79	208.88	204.93	206.31	206.15	207.15	207.81	205.89	207.17	210.54	209.14	209.34	213.57	1968	97.70	95.33	96.45	97.29	93.85	97.08	97.83	96.94	96.64	99.27	99.35	100.03	101.17
1968	213.43	209.25	211.12	212.33	207.59	214.54	215.18	211.98	210.90	216.32	215.40	215.86	218.12	1969	101.90	99.36	98.44	100.34	100.48	101.24	102.00	101.67	101.90	104.34	103.63	103.99	105.85
1969	214.07	214.37	211.53	214.10	212.99	213.99	214.65	212.85	212.31	216.70	214.42	214.17	216.86	1970	106.32	105.03	104.23	105.63	105.18	106.02	107.08	106.87	106.62	107.60	106.41	107.26	109.86
1970	208.00	210.90	207.87	209.83	207.56	208.68	209.58	208.49	207.66	208.72	204.99	206.09	210.44	1971	114.97	111.59	111.65	112.98	112.79	114.39	115.76	114.71	114.71	115.62	116.12	116.95	120.67
1971	213.23	209.83	209.64	211.73	210.69	212.69	214.51	211.76	211.13	212.96	213.65	214.99	221.56	1972	125.34	120.43	121.27	122.69	124.14	124.44	125.57	124.46	125.60	128.15	127.88	129.02	131.61
1972	224.22	218.06	218.77	221.27	223.49	223.44	225.02	222.17	223.80	228.33	226.79	228.78	233.35	1973	132.57	127.76	129.16	130.00	130.86	131.44	132.28	132.28	132.00	135.29	134.67	136.19	138.63
1973	227.09	226.70	227.93	227.69	227.81	227.37	227.78	227.15	222.65	227.78	224.85	226.08	228.95	1974	140.19	134.88	135.19	136.10	132.93	139.39	141.19	140.78	142.00	145.04	145.54	144.78	147.51
1974	217.20	220.26	217.97	217.32	210.54	219.09	220.22	217.91	217.01	219.34	218.34	215.32	218.14	1975	151.61	143.38	143.25	145.09	146.08	148.91	151.35	150.90	153.09	156.95	156.52	158.09	163.12
1975	214.85	210.60	208.95	211.09	211.42	211.88	214.24	211.34	214.21	219.07	216.98	218.09	224.60	1976	167.83	162.16	162.73	163.94	160.95	166.51	168.19	167.83	168.74	171.43	170.83	173.44	177.49
1976	222.92	219.61	219.76	221.14	215.66	222.69	223.90	221.97	222.31	225.16	223.38	226.32	231.48	1977	183.80	172.12	174.82	177.25	178.04	180.44	185.90	184.30	185.09	189.30	189.73	190.93	194.65
1977	228.90	222.62	224.03	225.97	225.21	227.38	230.06	226.81	227.04	232.40	232.34	233.20	237.78	1978	197.40	186.89	188.81	192.94	193.78	194.62	197.41	197.25	197.40	201.90	202.57	205.48	210.12
1978	231.66	226.98	228.14	232.34	231.30	230.26	231.68	229.75	228.90	233.36	232.37	235.03	239.96	1979	212.70	206.68	207.98	210.65	202.59	210.32	212.79	211.88	211.79	215.89	216.44	218.27	223.66
1979	224.64	231.07	230.07	231.00	218.34	225.11	225.50	221.78	219.67	222.25	221.12	221.33	225.32	1980	225.79	218.18	218.99	220.88	219.49	220.08	221.94	221.87	225.11	230.33	232.22	237.26	242.86
1980	212.06	215.88	213.81	212.85	208.94	207.56	207.30	207.06	209.18	212.77	212.93	216.22	220.46	1981	237.60	236.08	239.37										
1981	214.78	210.83	213.02											SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS													
1939	23.37	22.70	22.96	23.18	22.70	22.86	23.15	22.52	23.34	23.37	24.39	24.30	24.67	1939	102.05	98.70	100.26	101.22	99.56	100.26	101.54	98.77	102.37	100.30	105.58	105.19	107.26
1940	24.46	23.78	23.71	23.93	23.72	23.95	24.19	23.81	24.63	24.99	25.41	25.20	26.15	1940	105.89	103.39	102.64	103.59	102.68	103.68	104.27	103.07	106.62	108.18	110.01		

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
MANUFACTURING														MANUFACTURING													
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS													
1951	123.47	124.68	123.66	124.41	124.60	123.46	125.23	123.79	123.34	124.83	123.65	121.40	124.23	1953	65.60	65.31	65.50	65.78	65.69	65.42	65.88	65.32	65.60	65.40	65.97	65.54	66.14
1952	124.95	123.11	124.38	125.12	121.95	123.10	123.96	120.18	123.54	126.94	127.96	129.09	131.32	1954	65.65	65.04	65.32	65.18	64.45	65.21	65.50	65.04	65.14	65.80	66.09	67.19	67.96
1953	130.59	130.25	131.56	131.57	131.37	130.48	130.90	129.39	129.71	128.97	129.93	129.57	130.90	1955	69.47	67.44	68.05	68.34	68.09	69.14	69.14	69.34	69.32	70.41	71.05	71.85	72.01
1954	131.64	130.00	130.92	130.63	129.62	130.68	131.03	130.00	130.54	132.28	133.21	135.63	137.66	1956	72.25	71.27	70.64	71.13	71.30	71.31	71.79	71.46	71.94	73.37	74.03	74.04	75.53
1955	140.70	136.53	137.89	138.53	137.96	140.29	140.29	140.11	140.38	142.16	143.56	145.32	145.98	1957	73.99	73.99	73.99	74.16	73.66	73.50	74.32	74.31	74.32	74.65	74.13	74.44	74.61
1956	144.91	144.68	143.30	144.06	144.12	143.48	143.88	141.90	143.26	146.04	146.46	146.48	149.36	1958	74.91	73.26	72.62	73.09	72.76	73.56	74.59	74.91	75.60	76.45	76.10	77.43	78.61
1957	143.53	146.07	145.44	145.47	143.77	143.14	144.25	143.32	143.32	143.70	142.63	142.96	143.30	1959	79.40	78.06	78.06	79.22	79.40	80.06	80.74	79.54	78.78	79.07	78.90	79.02	81.35
1958	141.53	139.62	137.99	138.09	137.11	138.76	140.59	141.23	142.64	144.37	143.66	146.38	148.81	1960	80.11	81.18	80.29	80.11	79.26	80.33	80.83	80.46	79.66	80.24	80.42	79.71	79.06
1959	149.46	147.66	147.66	150.04	150.40	151.44	152.18	149.44	147.88	148.18	147.24	147.46	152.16	1961	82.18	79.60	79.48	79.97	80.64	81.68	82.74	82.56	82.28	82.18	83.98	84.70	85.36
1960	148.40	152.11	150.00	149.63	147.03	149.16	149.86	149.12	147.51	148.69	148.43	146.71	145.43	1962	85.53	83.83	84.09	84.67	85.19	85.39	85.78	85.39	84.53	86.11	85.53	86.19	86.72
1961	151.01	146.50	146.26	147.22	148.56	150.63	152.43	151.45	151.19	150.71	154.26	155.68	156.99	1963	87.25	85.78	85.58	85.99	85.72	87.25	88.18	87.25	86.58	88.31	88.52	88.77	89.73
1962	156.03	153.94	154.13	154.66	155.37	155.75	156.53	155.44	153.76	156.24	155.10	156.37	157.72	1964	92.18	89.65	90.35	90.56	91.43	92.06	92.81	91.84	92.26	93.19	91.84	93.28	95.22
1963	157.45	155.68	155.28	155.77	155.23	158.07	159.17	158.82	155.60	158.80	158.86	159.00	160.43	1965	96.78	95.09	95.31	96.09	94.99	96.43	97.21	96.34	95.87	97.03	97.69	98.61	99.62
1964	164.84	160.75	162.06	162.45	163.76	164.93	166.02	163.90	165.00	166.39	163.58	165.92	169.21	1966	99.33	97.58	97.80	98.34	98.57	99.22	99.43	98.68	99.00	100.54	100.65	100.76	101.09
1965	170.98	169.52	169.92	171.36	168.69	171.00	171.46	169.85	169.31	171.11	171.99	173.34	174.52	1967	100.93	100.08	98.54	99.30	99.40	100.16	100.62	100.27	101.16	102.83	102.37	102.80	105.04
1966	170.62	170.70	170.13	170.45	170.23	171.39	171.12	169.16	169.09	171.50	170.76	170.94	171.51	1968	106.75	103.43	104.61	105.50	102.99	106.38	107.16	106.23	105.91	108.66	108.75	109.46	110.65
1967	168.73	169.72	166.71	167.74	167.60	168.32	168.80	167.28	168.21	170.74	169.66	169.77	172.95	1969	111.44	108.78	107.82	109.81	109.95	110.74	111.54	111.20	111.44	114.01	113.25	113.63	115.61
1968	170.21	169.63	171.01	171.89	165.23	170.32	170.73	168.30	167.49	171.45	170.70	170.99	172.65	1970	115.58	114.22	113.38	114.85	114.37	115.27	116.39	116.16	115.90	116.94	115.68	116.58	119.34
1969	168.43	168.98	166.85	168.64	167.75	168.45	168.87	167.50	167.05	170.21	168.50	168.27	170.18	1971	124.24	120.68	120.74	122.14	121.94	123.62	125.07	123.97	124.92	125.45	126.32	130.28	
1970	165.87	168.32	165.97	167.40	165.64	166.44	167.05	166.21	165.56	166.31	163.46	164.26	167.47	1972	135.57	130.40	131.29	132.79	134.31	134.63	135.83	134.65	135.87	138.67	138.37	139.63	142.40
1971	172.11	169.85	169.68	171.18	170.38	171.76	173.03	170.95	170.45	171.80	172.28	173.26	177.98	1973	143.50	138.34	139.85	140.75	141.67	142.29	143.20	143.20	142.90	146.38	145.72	147.33	149.92
1972	181.65	177.36	177.82	179.63	181.23	181.14	182.25	180.12	181.24	184.39	183.21	184.58	187.75	1974	151.56	145.95	146.28	147.24	143.89	150.71	152.62	152.19	153.48	156.69	157.23	156.42	159.31
1973	180.86	181.48	182.17	181.82	181.75	181.30	181.45	180.96	177.42	181.11	178.84	179.67	181.69	1975	166.29	154.93	154.80	156.74	157.79	164.70	167.33	166.85	169.21	173.07	172.64	174.19	179.22
1974	172.22	175.17	173.32	172.72	167.63	173.80	174.52	172.74	171.91	173.49	172.65	170.33	172.32	1976	181.32	175.52	176.12	177.41	174.26	179.99	181.68	181.32	182.23	184.94	184.34	186.95	191.02
1975	170.73	166.72	165.42	166.96	167.14	169.60	171.02	168.79	170.67	174.20	172.57	173.34	178.08	1977	200.06	185.63	188.34	190.78	191.57	194.04	204.15	202.38	203.24	207.95	208.42	209.76	213.90
1976	178.73	176.64	176.69	177.62	173.62	178.66	179.50	177.97	178.18	180.26	178.88	181.04	184.89	1978	214.87	203.44	205.53	210.02	210.93	211.84	214.88	214.70	214.87	219.96	220.73	224.08	229.40
1977	183.80	178.18	179.12	180.50	179.84	181.35	185.53	183.20	183.26	186.69	186.56	187.00	189.90	1979	232.38	225.79	227.20	230.10	221.35	229.74	232.48	231.46	231.36	235.94	236.56	238.61	244.62
1978	183.46	181.27	181.90	184.63	183.68	182.74	183.47	181.96	181.27	184.05	183.16	184.78	187.94	1980	247.01	238.50	239.40	241.52	239.97	240.63	242.71	242.63	246.25	252.09	254.20	259.83	266.14
1979	177.40	183.23	182.28	182.70	173.60	178.09	178.07	175.25	173.60	175.09	174.13	174.06	176.53	1981		260.36	258.70	262.38									
1980	165.90	169.79	168.07	167.08	164.17	163.02	162.59	162.42	163.72	165.94	165.87	167.91	170.43	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS													
1981	165.46	165.59	163.84											1939	102.18	98.74	100.35	101.35	99.61	100.31	101.67	98.77	102.50	100.43	105.84	105.45	107.61
1939	23.40	22.71	22.98	23.21	22.71	22.87	23.18	22.52	23.37	23.40	24.45	24.36	24.75	1940	106.97	104.35	103.59	104.59	103.64	104.68	105.26	104.07	107.75	109.35	111.26	110.30	113.56
1940	24.71	24.00	23.93	24.16	23.94	24.18	24.42	24.04	24.89	25.26	25.70	25.48	26.46	1941	120.12	112.02	115.88	117.01	117.08	121.56	122.64	120.00	121.71	120.80	122.22	120.59	124.27
1941	29.19	26.10	27.00	27.38	27.63	28.81	29.68	29.16	29.82	30.20	30.80	30.75	31.69	1942	134.98	127.21	128.16	129.20	129.85	131.83	132.64	133.26	135.85	137.21	139.71	141.48	141.86
1942	36.31	32.82	33.45	34.11	34.54	35.33	35.68	35.98	36.95	37.32	38.42	39.19	39.58	1943	145.02	140.50	141.61	141.37	142.02	14							

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														
MANUFACTURING														TRANSPORTATION AND PUBLIC UTILITIES														
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS														GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS														
1955	157.17	152.93	154.31	154.97	154.40	156.78	156.78	156.52	156.83	158.58	160.02	161.82	162.55	1980	351.25	337.33	337.66	340.10	343.65	342.30	345.23	354.71	354.92	358.09	365.76	368.02	372.00	
1956	161.27	161.24	159.82	160.56	160.59	159.89	160.25	158.10	159.51	162.32	162.70	162.73	165.64	1981		367.60	373.28	371.15										
1957	159.46	162.26	161.55	161.57	159.78	159.09	160.17	159.12	159.14	159.51	158.40	158.72	159.08															
1958	157.04	155.21	153.53	153.55	152.54	154.21	156.05	156.72	158.16	159.94	159.21	161.99	164.46															
1959	165.07	163.31	163.31	165.73	166.11	167.14	167.86	165.02	163.44	163.71	162.68	162.93	167.73															
														GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS														
1960	163.82	167.73	165.55	165.18	162.42	164.61	165.30	164.54	162.90	164.09	163.79	162.01	160.69	1964	231.99	225.84	225.53	226.08	227.01	229.16	231.50	233.55	232.79	235.42	235.19	234.62	238.06	
1961	166.36	161.79	161.54	162.54	163.90	166.02	167.83	166.79	166.56	166.02	169.66	171.11	172.44	1965	240.19	234.61	238.95	238.37	235.71	238.57	238.95	240.90	240.77	244.44	243.02	245.11	243.00	
1962	171.40	169.35	169.54	170.02	170.72	171.12	171.90	170.78	169.06	171.53	170.38	171.69	173.09	1966	239.05	236.96	241.44	237.23	235.95	238.65	240.47	237.82	236.73	240.74	239.01	240.92	239.94	
1963	172.77	170.88	170.48	170.95	170.42	173.46	174.61	172.09	170.77	174.18	174.25	174.40	175.94	1967	237.42	236.45	239.41	235.14	229.62	237.24	240.04	239.04	238.47	239.80	240.23	239.96	238.66	
1964	180.04	175.78	177.16	177.57	178.92	180.16	181.27	179.03	180.20	181.66	178.68	181.13	184.53	1968	241.90	237.94	236.76	235.92	239.10	241.46	242.91	244.74	245.15	246.63	245.86	245.40	244.47	
1965	185.76	184.28	184.71	186.22	183.38	185.80	186.23	184.56	184.01	185.88	186.79	188.19	189.39	1969	244.20	243.64	244.29	240.37	241.45	243.28	243.92	247.15	245.48	248.14	246.67	245.65	244.61	
1966	185.32	185.51	184.88	185.20	184.93	186.15	185.85	183.76	183.67	186.19	185.36	185.56	186.17	1970														
1967	183.18	184.31	181.14	182.20	182.05	182.77	183.28	181.65	182.60	185.28	184.12	184.23	187.57	1971	243.26	241.49	241.85	238.86	235.64	239.81	244.41	247.37	245.87	247.85	244.52	245.60	245.12	
1968	185.98	184.04	185.48	186.40	181.32	186.63	187.02	184.43	183.55	187.67	186.86	187.11	188.82	1972	252.72	244.11	251.12	248.52	248.35	246.79	253.08	240.82	256.39	261.86	258.34	259.20	264.09	
1969	184.20	185.00	182.75	184.55	183.56	184.26	184.67	183.20	182.69	185.99	184.15	183.87	185.87	1973	272.26	262.59	263.93	265.45	266.19	269.26	271.73	274.98	277.30	276.12	277.94	278.11	279.74	
														1974	277.37	276.95	278.07	273.80	275.00	275.96	278.71	282.12	281.60	280.46	277.68	275.70	272.92	
1970	180.31	183.04	180.54	182.01	180.11	180.96	181.58	180.65	179.97	180.74	177.70	178.53	181.92	1975	267.17	271.32	268.72	264.15	268.32	266.98	268.49	272.50	268.05	269.17	268.00	262.02	262.70	
1971	185.99	183.68	183.50	185.06	184.20	185.62	186.95	184.75	184.21	185.62	186.13	187.14	192.15	1976	252.72	244.11	251.12	248.52	248.35	246.79	253.08	240.82	256.39	261.86	258.34	259.20	264.09	
1972	196.48	192.05	192.51	194.42	196.07	195.97	197.14	194.86	196.06	199.53	198.24	199.76	203.14	1977	262.88	261.48	259.27	256.87	256.96	256.28	260.84	262.19	268.90	268.80	268.79	267.48	268.12	
1973	195.77	196.51	197.25	196.85	196.76	196.26	196.43	195.90	192.07	195.96	193.52	194.37	196.49	1978	273.39	266.10	268.73	268.58	270.24	269.81	273.21	275.81	279.17	277.33	275.90	277.66	278.89	
1974	186.19	189.55	187.54	186.85	181.45	187.92	188.65	186.74	185.81	187.43	186.51	184.02	186.11	1979	277.80	272.98	275.95	273.17	275.09	275.60	276.83	280.22	280.21	281.35	282.56	285.85	286.30	
1975	187.26	180.15	178.75	180.37	180.54	187.59	189.07	186.63	188.64	192.09	190.34	191.00	195.66	1980	281.41	280.17	285.49	282.75	281.43	279.86	279.46	278.60	282.73	280.47	281.01	278.79	281.91	
1976	193.10	191.20	191.23	192.21	187.98	193.12	193.90	192.28	192.43	194.47	193.03	195.15	198.98	1979	271.54	277.34	276.61	272.35	264.02	266.57	269.12	270.64	274.17	272.80	270.96	272.49	269.30	
1977	200.06	192.16	192.97	194.28	193.51	195.02	203.74	201.17	201.23	205.08	204.94	205.45	208.68	1980	258.08	262.51	259.14	257.26	257.03	253.56	252.92	259.67	258.12	257.99	261.26	260.45	261.05	
1978	199.69	197.32	198.01	200.98	199.93	198.91	199.70	198.06	197.31	200.51	199.58	201.51	205.19	1981		255.99	257.08	254.04										
1979	193.81	200.17	199.12	199.57	189.67	194.53	194.54	191.45	189.64	191.35	190.31	190.28	193.07	SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS														
1980	181.49	185.60	183.73	182.69	179.48	178.24	177.81	177.62	179.09	181.62	181.57	183.89	186.76	1964	96.87	94.03	93.90	94.12	94.68	95.54	96.67	97.68	97.19	98.44	98.53	98.48	100.07	
1981		181.31	178.17	179.59											1965	103.20	99.93	101.73	101.49	100.76	102.14	102.87	103.69	103.44	105.18	104.77	105.85	105.35
TRANSPORTATION AND PUBLIC UTILITIES														GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS														
1964	118.78	115.18	115.02	115.30	116.00	117.10	118.53	119.81	119.19	120.77	120.89	120.83	122.84	1966	103.62	100.92	103.29	101.93	101.77	102.87	104.04	103.28	103.20	105.12	104.94	105.78	105.35	
1965	125.14	121.06	123.30	123.00	122.10	123.82	124.73	125.75	125.44	127.60	127.10	128.44	127.82	1967	105.53	103.58	105.06	103.39	101.22	104.88	106.30	106.43	106.56	107.35	107.73	108.00	107.80	
1966	128.13	124.64	127.72	125.97	125.76	127.20	128.65	127.71	127.60	130.00	129.78	130.82	130.29	1968	109.84	107.55	107.41	107.41	107.06	108.41	109.56	110.87	111.22	112.17	112.38	112.71	112.50	
1967	130.82	128.39	130.24	128.15	125.37	130.01	131.78	131.95	132.11	133.09	133.57	133.90	133.65	1969	115.08	111.93	112.54	111.76	112.89	114.00	114.79	116.69	116.49	118.26	117.95	118.04	118.29	
1968	138.85	133.72	133.53	133.53	135.81	137.63	139.19	140.97	141.45	142.80	143.09	143.56	143.26	1970	123.15	119.12	120.04	119.14	118.32	120.71	123.72	125.56	125.01	126.56	125.65	126.58	126.90	
1969	147.74	143.26	144.13	143.02	144.63	146.21	147.33	150.02	149.74	152.11	151.70	151.81	152.15	1971	135.23	128.55	132.40	131.43	131.74	131.70	135.62	129.51	138.18	141.09	139.42	140.09	143.32	
														1972	150.34	142.73	144.08	145.11	145.94	148.04	149.83	152.05	153.77	153.55	155.22	155.54	156.90	
1970	155.93	150.69	151.88	150.72	149.63	152.76	156.67	159.06	158.34	160.36	159.18	160.38	160.80	1973	159.70	153.59	155.20	154.18	155.83	157.34	159.61	161.83	164.33	164.02	163.91	163.33	163.33	
1971	168.82	160.38	165.24	164.02	164.41	164.36	169.31	161.59	172.55	176.23	174.12	174.96	179.05	1974	170.03	163.79	164.29	163.23	166.61	167.58	169.84	173.39	172.90	175.54	176.19	173.85	175.42	
1972	187.86	178.30	180.00	181.30	182.34	184.98	187.22	190.01	192.17	191.90	194.00	194.40	196.10	1975	182.83	175.42												

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														
TRANSPORTATION AND PUBLIC UTILITIES														TRANSPORTATION AND PUBLIC UTILITIES														
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS														
1964	189.20	184.37	184.12	184.55	185.28	186.97	188.81	190.41	189.82	191.89	191.69	191.22	193.93	1970	208.30	207.04	207.29	204.79	202.11	205.49	209.25	211.66	210.40	212.01	209.22	210.09	209.65	
1965	198.08	193.66	197.15	196.69	194.52	196.80	197.07	198.64	198.54	201.49	200.33	202.00	200.29	1971	218.07	211.00	216.85	214.65	214.49	213.14	218.36	208.11	221.08	225.65	222.70	223.41	227.45	
1966	193.32	191.86	195.26	191.96	190.94	193.00	194.47	192.33	191.47	194.67	193.26	194.81	194.01	1972	235.04	227.04	228.14	229.40	230.00	232.56	234.60	237.31	239.24	238.23	239.73	239.86	241.21	
1967	191.52	190.76	193.13	189.71	185.38	191.39	193.62	192.81	192.35	193.42	193.76	193.55	192.50	1973	234.98	235.43	236.16	232.67	233.47	234.08	236.13	238.74	238.15	237.19	234.83	233.17	230.83	
1968	191.36	191.37	190.44	189.77	188.49	190.19	191.20	192.48	192.76	193.73	193.09	192.67	191.98	1974	225.17	229.38	227.12	223.38	226.52	225.27	226.30	229.31	225.62	226.29	225.24	220.45	220.86	
1969	190.21	190.36	190.75	187.83	188.46	189.68	190.05	192.24	190.97	192.92	191.79	191.00	190.18	1975	223.54	219.84	218.00	216.08	216.05	220.32	223.56	224.43	229.62	229.46	229.32	228.19	228.61	
1970	192.12	190.90	191.15	188.81	186.33	189.50	193.01	195.27	194.11	195.61	193.01	193.84	193.45	1976	231.54	226.39	228.36	228.19	229.39	228.94	231.45	233.33	235.84	234.33	233.14	234.45	235.35	
1971	202.44	195.66	201.22	199.14	199.00	197.75	202.72	193.01	205.32	209.64	206.85	207.54	211.39	1977	237.96	230.66	232.77	230.49	231.82	232.12	238.83	241.17	241.02	241.71	242.49	244.75	244.92	
1972	217.88	210.21	211.26	212.46	213.05	215.49	217.46	220.04	221.89	220.94	222.38	222.52	223.82	1978	236.86	237.41	241.06	238.84	237.56	236.10	235.46	234.58	237.40	235.53	235.64	233.87	235.92	
1973	217.87	218.17	218.90	215.64	216.43	217.02	218.94	221.38	220.87	219.97	217.80	216.24	214.06	1979	228.91	235.09	234.18	230.74	224.28	225.76	227.25	227.99	230.29	228.97	227.39	228.24	225.60	
1974	208.88	212.71	210.63	207.14	210.10	208.95	209.94	212.75	209.32	209.98	209.00	204.53	204.93	1980	215.41	220.25	217.39	215.61	215.13	212.33	211.56	216.46	215.16	214.81	216.96	216.13	216.34	
1975	205.89	203.98	202.27	200.48	200.47	201.88	205.11	205.96	210.82	210.70	210.60	209.56	209.99	1981		211.12	211.63	209.27										
1976	215.72	210.94	212.79	212.63	213.73	213.32	215.64	217.37	219.68	218.28	217.17	218.37	219.21	WHOLESALE AND RETAIL TRADE														
1977	217.79	214.87	216.78	214.67	215.89	216.16	215.93	217.95	217.79	218.37	219.03	220.97	221.13	GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS														
1978	216.48	217.14	220.36	218.34	217.16	215.81	215.20	214.40	216.92	215.22	215.30	213.69	215.53	1947	38.07													
1979	208.64	214.56	213.66	210.56	204.80	206.00	207.21	207.77	209.71	208.47	207.02	207.70	205.31	1948	40.80													
1980	195.85	200.51	197.90	196.24	195.74	193.21	192.46	196.75	195.56	195.19	197.01	196.22	196.28	1949	42.93													
1981		191.56	191.82	189.77																								
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS														1950	44.55													
1964	105.27	102.25	102.12	102.35	102.94	103.86	105.06	106.13	105.61	106.94	107.04	106.99	108.67	1951	47.79													
1965	111.64	108.19	110.09	109.83	109.07	110.53	111.30	112.16	111.90	113.73	113.30	114.44	113.91	1952	49.20													
1966	112.20	109.34	111.85	110.41	111.41	112.64	111.84	111.75	113.78	113.59	114.47	114.03	114.03	1953	51.35													
1967	114.22	112.17	113.73	111.96	109.67	113.54	115.04	115.18	115.32	116.15	116.55	116.83	116.62	1954	53.33													
1968	119.54	116.38	116.22	116.22	116.88	118.29	119.48	120.85	121.22	122.26	122.48	122.84	122.61	1955	55.16													
1969	125.47	122.05	122.71	121.86	123.09	124.30	125.16	127.21	127.00	128.91	128.58	128.66	128.94	1956	57.48													
1970	133.52	129.19	130.18	129.22	128.34	130.90	134.13	136.10	135.50	137.17	136.20	137.19	137.53	1957	59.60													
1971	145.67	138.63	142.69	141.67	141.99	141.95	146.08	139.64	148.79	151.86	150.10	150.80	154.21	1958	61.76													
1972	162.18	154.16	155.59	156.68	157.55	159.77	161.64	163.98	165.79	165.57	167.33	167.66	169.09	1959	64.41													
1973	172.24	165.74	167.44	166.36	168.10	169.71	172.14	174.52	177.18	177.18	176.83	176.74	176.12	1960	66.01													
1974	183.29	176.62	177.15	176.02	179.63	180.67	183.08	186.89	186.36	189.18	189.88	187.38	189.06	1961	67.41													
1975	198.50	189.06	188.79	187.77	188.83	193.44	197.85	200.64	205.97	206.74	207.99	208.11	209.41	1962	69.91													
1976	217.42	207.83	210.32	210.62	212.64	213.37	216.87	220.03	223.34	222.85	222.65	224.60	225.94	1963	72.01													
1977	237.96	222.82	227.18	226.34	229.50	230.96	239.31	242.62	243.43	245.09	246.61	249.89	251.04	1964	74.66	72.94	73.52	73.52	73.89	74.09	74.87	75.85	75.66	75.22	74.84	75.00	75.64	
1978	254.86	244.77	250.22	249.59	250.63	251.45	253.35	254.29	258.53	258.38	260.62	260.06	263.76	1965	76.91	75.58	75.38	75.58	76.15	76.33	76.94	78.34	78.13	77.25	77.79	77.17	77.66	
1979	274.46	265.18	267.20	266.04	261.73	266.62	271.56	275.64	280.95	282.32	282.64	286.21	285.84	1966	79.39	77.91	78.28	78.07	78.23	78.60	80.04	81.32	80.73	79.92	80.22	79.57	80.14	
1980	293.17	283.02	283.26	285.04	287.63	286.64	288.78	295.69	295.84	298.15	303.74	305.39	308.29	1967	82.35	80.67	80.95	81.17	81.31	81.09	82.80	84.15	83.78	83.45	82.90	83.03	83.45	
1981		303.17	307.28	305.74																								
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS														1968	87.00	84.01	84.72	84.85	85.20	85.32	87.72	89.17	88.33	87.71	87.93	88.20		
1964	205.61	200.49	200.24	200.69	201.45	203.25	205.20	206.88	206.27	208.46	208.25	207.75	210.60	1969	91.39	88.40	88.96	89.46	89.31	89.92	91.90	93.44	93.70	92.82	92.49	92.58	93.53	
1965	214.28	209.67	213.35	212.85	210.56	212.97	213.22	214.87	214.78	217.87	216.63	218.40	216.56	1970	96.02	93.37	93.80	94.15	93.61	94.85	96.48	98.46	98.74	97.43	96.95	96.67	97.08	
1966	209.33	207.87	211.44	207.93	206.83	209.02	210.54	208.27	207.33	210.70	209.19	210.81	210.00	1971	101.09	97.85	97.92	98.55	98.90	100.22	101.95	104.04	104.04	102.78	102.55	101.96	104.37	
1967	207.30	206.57	209.06	205.43	200.86	207.19	209.54	208.66	208.16	209.28	209.62	209.37	208.25	1972	106.45	103.80	103.85	104.79	105.14	104.84	106.66	108.89	108.58	107.84	107.57	106.95	108.85	
1968	208.26	207.08	206.06	205.34	205.77	207.53	208.52	209.81	210.09	211.16	210.45	209.98	209.23	1973	111.76	107.73	108.73	109.39	109.76	110.08	112.70	114.67	114.02	113.49	112.85	112.85	114.51	
1969	207.39	207.57	207.98	204.81	205.49	206.82	207.22	209.57	208.20	210.29	209.07	208.19	207.30	1974	119.02	113.57	114.24	115.26	116.28	117.65	120.75	122.50	122.50	121.75	121.36	121.00	122.78	
														1975	126.45	121.91	123.28	123.65	123.95	125.40	127.22	129.06	129.78	128.14	128.44	128.73	130.30	
														1976	133.79	130.32	130.65	130.26	131.77	132.05	133.96	136.28	135.77	135.34	135.53	135.46	137.90	
														1977	142.52	136.45	138.27	139.02	139.68	140.77	142.80	145.95	145.18	144.09	145.08	144.10	146.29	

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
WHOLESALE AND RETAIL TRADE														WHOLESALE AND RETAIL TRADE													
GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS													
1978	153.64	146.51	146.97	149.11	150.75	150.75	153.72	157.38	156.78	155.80	156.63	156.33	159.21	1947	33.01												
1979	164.96	159.04	159.86	161.68	162.83	162.32	165.49	168.17	167.99	167.56	166.86	167.83	170.42	1948	36.22												
														1949	38.01												
1980	176.46	170.67	170.98	172.80	172.58	173.44	175.71	178.65	179.52	179.03	179.44	181.04	182.65	1950	38.92												
1981		183.86	185.13	186.62										1951	40.65												
														1952	41.19												
														1953	42.88												
														1954	44.97												
														1955	46.44												
														1956	48.26												
														1957	49.77												
														1958	51.45												
														1959	53.36												
														1960	54.27												
														1961	55.35												
														1962	57.19												
														1963	58.45												
														1964	61.97	60.63	61.08	61.08	61.37	61.53	62.14	62.91	62.76	62.41	62.12	62.24	62.74
														1965	64.51	63.46	63.30	63.46	63.91	64.05	64.53	65.64	65.48	64.78	65.21	64.72	65.10
														1966	66.02	64.86	65.15	64.98	65.11	65.40	66.53	67.54	67.07	66.44	66.67	66.16	66.61
														1967	68.18	66.87	67.09	67.26	67.37	67.20	68.54	69.60	69.31	69.05	68.62	68.72	69.05
														1968	70.99	69.49	70.05	70.15	69.32	69.41	71.25	72.36	72.36	71.72	71.24	71.41	71.62
														1969	73.70	71.42	71.85	72.23	72.11	72.58	74.09	75.27	75.47	74.80	74.54	74.61	75.34
														1970	78.30	76.24	76.57	76.85	76.43	77.39	78.66	80.19	80.41	79.39	79.02	78.80	79.12
														1971	84.28	81.82	81.87	82.35	82.62	83.62	84.93	86.51	86.51	85.56	85.38	84.94	86.76
														1972	89.53	87.52	87.56	88.27	88.54	88.31	89.69	91.38	91.14	90.58	90.38	89.91	91.35
														1973	92.83	89.80	90.55	91.05	91.32	91.57	93.53	95.01	94.53	94.13	93.65	93.65	94.89
														1974	98.22	94.19	94.69	95.46	96.22	97.22	99.49	100.77	100.77	100.22	99.93	99.67	100.97
														1975	105.45	100.34	101.34	101.61	101.83	105.58	106.91	108.26	108.78	107.58	107.80	108.02	109.16
														1976	112.38	109.78	110.02	109.73	110.87	111.08	112.51	114.25	113.87	113.55	113.69	113.64	115.47
														1977	120.77	114.38	115.75	116.31	116.81	117.63	122.29	124.66	124.08	123.26	124.01	123.27	124.92
														1978	128.82	123.48	123.82	125.43	126.66	126.66	128.88	131.63	131.18	130.44	131.06	130.84	133.00
														1979	137.60	133.16	133.78	135.14	136.00	135.62	137.99	140.00	139.86	139.54	139.02	139.74	141.68
														1980	146.21	141.87	142.10	143.47	143.30	143.94	145.64	147.85	148.50	148.13	148.44	149.63	150.84
														1981	150.77	151.69	152.77										
														SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS													
														1947	89.46												
														1948	91.23												
														1949	96.72												
														1950	98.04												
														1951	94.76												
														1952	94.04												
														1953	97.23												
														1954	101.28												
														1955	105.07												
														1956	107.72												
1980	129.65	132.82	131.22	130.71	129.08	128.47	128.73	130.78	130.56	128.98	128.17	128.12	128.18	1950	98.04												
1981		128.04	127.50	127.73										1951	94.76												
														1952	94.04												
														1953	97.23												
														1954	101.28												
														1955	105.07												
														1956	107.72												

See footnotes at end of tables.

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS																
WHOLESALE AND RETAIL TRADE														WHOLESALE AND RETAIL TRADE																
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS																
1957	107.26													1967	75.22	73.87	74.10	74.27	74.39	74.21	75.59	76.67	76.38	76.11	75.67	75.77	76.11			
1958	107.86													1968	78.97	76.56	77.13	77.24	77.52	77.62	79.55	80.72	80.72	80.04	79.54	79.72	79.94			
1959	110.94													1969	82.14	79.75	80.20	80.60	80.48	80.97	82.55	83.79	84.00	83.29	83.03	83.10	83.86			
1960	110.98													1970	86.15	84.02	84.37	84.65	84.22	85.21	86.52	88.09	88.31	87.28	86.89	86.67	87.00			
1961	112.04													1971	91.68	89.09	89.15	89.65	89.93	90.99	92.37	94.03	94.03	93.03	92.84	92.37	94.30			
1962	114.61													1972	97.55	95.43	95.47	96.22	96.50	96.26	97.71	99.49	99.25	98.66	98.44	97.95	99.46			
1963	115.74													1973	101.06	97.87	98.66	99.18	99.48	99.73	101.80	103.36	102.85	102.43	101.92	101.92	103.23			
1964	121.04	118.88	119.76	119.76	120.10	120.41	121.37	122.63	122.58	121.66	120.86	120.85	121.59	1974	106.80	102.49	103.02	103.83	104.64	105.72	108.17	109.53	109.53	108.95	108.64	108.37	109.75			
1965	123.82	122.98	122.67	122.98	123.38	123.41	123.62	125.75	125.68	124.10	124.68	123.51	123.76	1975	119.05	109.07	110.14	110.43	110.67	118.06	119.78	121.51	122.19	120.64	120.93	121.20	122.68			
1966	123.17	123.31	123.16	122.37	122.16	122.70	124.36	125.77	124.43	123.04	122.78	121.84	122.67	1976	125.50	122.70	123.01	122.64	124.06	124.29	125.61	127.22	126.86	126.57	126.70	126.65	128.32			
1967	123.74	123.15	123.33	123.41	123.39	122.63	124.85	126.09	125.11	124.41	123.42	123.15	123.30	1977	134.18	127.34	128.57	129.08	129.53	130.27	134.45	137.41	136.69	135.66	136.59	135.67	137.73			
1968	123.68	123.65	124.20	123.94	122.04	121.77	124.35	125.63	125.41	123.87	122.41	122.07	122.22	1978	142.08	137.17	137.49	138.96	140.09	140.09	142.14	145.02	144.55	143.77	144.43	144.19	146.44			
1969	121.82	121.46	121.78	121.39	120.38	120.77	122.67	124.00	123.72	122.02	121.20	120.73	121.13	1979	154.97	149.29	150.06	151.77	152.85	152.37	155.35	157.26	157.13	156.85	156.37	157.03	158.77			
1970	122.15	122.18	121.93	121.79	120.36	121.49	122.71	124.71	124.86	122.70	121.38	120.67	120.61	1980	162.84	158.94	159.15	160.38	160.23	160.81	162.34	164.32	164.90	164.57	164.85	165.93	167.01			
1971	126.17	124.54	124.42	124.77	124.80	125.56	126.95	128.93	128.54	127.13	126.68	125.84	127.96	1981		166.85	167.68	168.64												
1972	129.75	128.90	128.39	129.24	129.26	128.54	130.17	132.24	131.52	130.33	129.48	128.63	130.31	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS																
1973	126.64	127.56	127.72	127.34	126.83	126.30	128.30	129.97	127.06	126.01	124.37	123.55	124.36	1947	102.14															
1974	120.66	122.32	121.40	121.14	121.34	121.22	122.98	123.64	122.00	119.88	118.54	117.26	117.96	1948	101.74															
1975	118.75	116.67	117.02	116.93	116.51	120.25	120.80	121.10	121.27	119.40	118.85	118.44	119.17	1949	108.14															
1976	119.68	119.59	119.46	118.88	119.60	119.18	120.07	121.16	120.24	119.40	119.05	118.62	120.28	1950	110.53															
1977	120.77	118.41	118.60	118.44	117.99	118.22	122.05	123.92	122.85	121.56	121.94	120.73	121.87	1951	109.72															
1978	119.72	119.77	119.29	120.03	120.06	118.93	119.78	121.43	120.46	118.91	118.50	117.66	118.96	1952	110.64															
1979	114.76	118.05	117.25	117.21	116.54	114.83	115.47	115.80	114.64	113.17	111.84	111.44	111.82	1953	114.67															
1980	107.43	110.40	109.06	108.52	107.18	106.62	106.70	108.24	108.00	106.72	106.03	105.90	105.85	1954	116.87															
1981		104.99	104.47	104.57										1955	120.72															
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS														1956	123.24															
1947	37.69													1957	122.33															
1948	40.39													1958	122.60															
1949	42.50													1959	125.65															
1950	43.88													1960	125.52															
1951	47.07													1961	126.48															
1952	48.46													1962	129.00															
1953	50.57													1963	130.04															
1954	51.89													1964	135.23	133.06	133.96	133.96	134.29	134.60	135.57	136.82	136.80	135.85	134.98	134.97	135.72			
1955	53.36													1965	136.56	135.78	135.45	135.78	136.14	136.17	136.90	139.08	139.02	137.38	137.95	136.74	136.98			
1956	55.21													1966	136.19	136.50	136.29	135.46	135.20	135.76	137.42	138.85	137.44	135.98	135.67	134.70	135.54			
1957	56.76													1967	136.52	136.04	136.21	136.28	136.25	135.42	137.69	138.89	137.87	137.14	136.10	135.79	135.91			
1958	58.48													1968	137.58	136.23	136.76	136.47	136.48	136.18	138.83	140.14	139.90	138.24	136.67	136.27	136.42			
1959	60.44													1969	135.77	135.63	135.93	135.46	134.36	134.73	136.67	138.04	137.70	135.87	135.01	134.47	134.82			
1960	61.38													1970	134.40	134.65	134.35	134.15	132.63	133.77	134.98	137.00	137.13	134.90	133.47	132.73	132.62			
1961	62.48													1971	137.25	135.60	135.49	135.83	135.85	136.62	138.07	140.13	139.72	138.23	137.74	136.84	139.09			
1962	64.37													1972	141.38	140.54	139.99	140.88	140.88	140.12	141.81	143.98	143.22	141.96	141.03	140.13	141.88			
1963	65.67													1973	137.87	139.02	139.15	138.71	138.17	137.56	139.64	141.40	138.24	137.12	135.35	134.46	135.29			
1964	69.24	67.86	68.32	68.32	68.62	68.78	69.41	70.19	70.04	69.69	69.38	69.51	70.03	1974	131.20	133.10	132.08	131.76	131.95	131.82	133.71	134.39	132.60	130.32	128.87	127.49	128.21			
1965	71.15	70.06	69.89	70.06	70.52	70.67	71.46	72.60	72.43	71.71	72.15	71.65	72.05	1975	134.07	126.83	127.18	127.08	126.62	134.46	135.34	135.92	136.22	133.90	133.33	132.89	133.93			
1966	73.00	71.80	72.10	71.93	72.06	72.36	73.52	74.56	74.08	73.43	73.67	73.14	73.60	1976	133.65	133.66	133.56	132.87	133.83	133.36	134.06	134.91	133.96	133.09	132.67	132.20	133.67			

See footnotes at end of tables.

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.					
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS																		
WHOLESALE AND RETAIL TRADE														FINANCE, INSURANCE AND REAL ESTATE ¹⁷																		
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS														GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS																		
1977	134.18	131.82	131.73	131.45	130.84	130.92	134.18	136.59	135.34	133.79	134.31	132.88	134.37	1947	117.10																	
1978	132.04	133.05	132.46	132.98	132.79	131.54	132.10	133.78	132.74	131.06	130.59	129.67	130.98	1948	114.56																	
1979	129.25	132.35	131.52	131.63	130.98	129.02	130.00	130.07	128.80	127.21	125.80	125.22	125.31	1949	121.20																	
1980	119.65	123.69	122.14	121.32	119.84	119.12	118.93	120.29	119.93	118.57	117.75	117.43	117.20	1950	127.25																	
1981		116.19	115.48	115.43										1951	127.44																	
FINANCE, INSURANCE AND REAL ESTATE ¹⁷														1952	130.32																	
GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS														1953	135.08																	
1947	43.21													1954	139.73																	
1948	45.48													1955	144.62																	
1949	47.63													1956	146.61																	
1950	50.52													1957	145.54																	
1951	54.67													1958	147.00																	
1952	57.08													1959	151.23																	
1953	59.57													1960	153.66																	
1954	62.04													1961	156.11																	
1955	63.92													1962	162.20																	
1956	65.68													1963	167.09																	
1957	67.53													1964	167.56	166.31	167.94	166.75	166.42	167.16	166.39	167.68	167.56	167.06	169.09	168.56	169.15					
1958	70.12													1965	170.65	169.88	170.60	170.60	170.19	171.31	169.16	170.06	170.65	170.57	171.41	172.27	172.78					
1959	72.74													1966	171.88	174.45	174.16	172.81	173.55	174.26	171.74	172.03	170.24	169.70	170.35	170.59	171.05					
1960	75.14													1967	173.72	172.85	173.22	172.90	174.16	173.52	173.88	174.08	172.78	173.33	174.82	174.39	174.43					
1961	77.12													1968	177.26	175.12	175.34	175.19	175.40	177.21	177.57	177.78	178.29	178.49	178.36	179.80						
1962	80.94													1969	179.67	181.56	182.85	180.82	178.38	178.54	180.58	178.47	177.72	177.46	178.57	179.98	177.86					
1963	84.38													1970	175.77	178.59	179.70	178.84	176.66	175.24	174.15	175.13	175.43	174.33	175.33	175.44	174.16					
1964	85.79	84.82	85.65	85.04	85.04	85.42	85.19	86.02	85.79	85.70	86.91	86.81	87.28	1971	176.42	175.56	177.99	178.50	177.96	178.60	176.64	176.60	177.10	175.19	175.88	174.67	175.50					
1965	88.91	87.66	88.03	88.03	88.16	88.91	88.30	88.77	88.91	89.04	89.65	90.27	90.88	1972	178.23	179.40	178.17	177.38	179.97	176.97	176.89	179.52	177.42	178.00	178.77	177.05	179.60					
1966	92.13	91.76	92.13	91.76	92.50	92.88	91.88	92.38	91.76	91.64	92.50	92.63	92.88	1973	176.26	179.89	180.68	178.64	179.42	175.72	175.24	178.21	173.15	175.39	173.04	173.34	175.09					
1967	95.72	93.86	94.23	94.23	95.09	95.09	95.46	96.09	95.72	96.20	97.20	97.31	97.68	1974	169.05	173.49	172.68	170.46	169.37	168.84	170.10	169.30	167.93	168.94	166.67	165.75	167.58					
1968	101.75	98.42	98.89	99.16	99.63	101.01	101.75	102.40	102.40	103.23	103.88	104.34	105.36	1975	166.88	168.57	170.36	169.69	166.97	167.07	167.86	164.50	166.02	163.97	164.19	166.55	164.12					
1969	108.70	106.76	107.88	107.59	106.85	107.30	109.07	108.33	108.41	108.78	109.82	111.23	110.63	1976	165.53	165.81	168.56	165.18	165.31	166.45	164.32	164.89	166.90	164.44	164.96	164.83	165.70					
1970	112.67	111.44	112.85	112.85	112.18	111.63	111.63	112.61	112.98	112.79	114.14	114.56	114.25	1977	165.26	169.36	167.08	165.32	164.72	165.36	163.11	164.72	164.07	163.95	166.53	164.61	165.84					
1971	117.85	115.34	117.12	117.81	117.81	118.95	118.17	118.50	119.19	117.90	118.54	117.90	118.99	1978	165.43	168.05	166.92	165.35	167.56	164.52	164.75	166.12	164.23	164.58	165.34	163.54	164.29					
1972	122.98	121.81	121.51	121.15	123.28	121.58	121.88	124.05	122.95	123.71	124.78	123.76	125.90	1979	159.11	165.22	164.93	161.82	162.06	158.51	157.39	158.40	156.24	157.66	156.10	156.60	157.43					
1973	129.20	126.64	128.10	127.73	129.18	127.40	127.75	130.27	128.82	131.02	130.30	131.39	133.59	1980	153.74	156.07	156.29	155.96	153.79	152.42	153.87	152.91	153.91	152.67	153.24	154.66	152.84					
1974	137.61	133.59	134.69	134.32	134.31	135.41	137.61	137.98	138.71	141.23	140.50	140.89	143.45	1981		154.62	155.67	154.22														
1975	148.19	144.97	147.53	147.46	145.93	146.69	148.56	147.06	148.92	147.74	148.92	151.89	150.33	SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS																		
1976	155.43	152.21	155.24	152.46	153.24	153.97	155.49	158.05	156.38	157.54	157.91	159.07	159.07	1947	37.22																	
1977	165.26	163.60	163.07	162.34	163.07	164.53	163.44	165.71	165.71	166.25	169.36	168.07	169.99	1948	40.15																	
1978	178.00	173.26	173.26	172.79	176.78	175.21	177.27	180.07	178.85	180.54	182.87	181.86	183.68	1949	41.96																	
1979	190.77	186.37	188.19	186.58	189.12	187.20	188.08	191.50	190.61	194.39	194.03	196.38	199.47	1950	43.86																	
1980	209.24	200.55	203.64	206.18	205.62	205.77	210.03	208.87	211.63	211.91	214.53	218.53	217.80	1951	46.16																	
1981		222.04	226.04	225.32										1952	47.35																	
														1953	49.25																	
														1954	51.83																	
														1955	53.30																	
														1956	54.67																	

See footnotes at end of tables.

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS															
FINANCE, INSURANCE AND REAL ESTATE ¹⁷														FINANCE, INSURANCE AND REAL ESTATE ¹⁷															
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS															
1957	55.95													1967	142.79	142.21	142.48	142.22	143.21	142.68	142.95	143.06	142.02	142.45	143.60	143.24	143.25		
1958	57.97													1968	143.33	143.75	143.88	143.73	141.48	142.77	142.97	143.06	142.81	143.37	143.45	143.30	144.35		
1959	59.83													1969	143.17	144.88	145.80	144.20	142.34	142.41	143.86	142.26	141.64	141.40	142.18	143.17	141.53		
1960	61.32													1970	141.73	144.12	144.87	144.18	142.49	141.40	140.51	141.21	141.43	140.56	141.24	141.30	140.29		
1961	62.85													1971	144.94	144.55	146.32	146.65	146.21	146.61	145.08	145.01	145.33	143.92	144.41	143.50	144.04		
1962	65.69													1972	147.71	148.84	147.84	147.25	149.11	146.86	146.75	148.64	147.04	147.42	147.92	146.62	148.46		
1963	67.92													1973	144.16	147.44	147.91	146.28	146.75	143.93	143.50	145.62	141.65	143.24	141.39	141.52	142.70		
1964	70.70	69.94	70.59	70.11	70.11	70.41	70.23	70.88	70.70	70.63	71.58	71.50	71.87	1974	137.37	141.40	140.63	138.86	137.97	137.42	138.22	137.53	136.36	136.93	135.16	134.38	135.62		
1965	74.02	73.03	73.33	73.33	73.43	74.02	73.54	73.91	74.02	74.13	74.61	75.10	75.59	1975	136.66	136.29	137.51	136.97	134.91	137.98	138.44	135.82	136.88	135.32	135.37	137.02	135.17		
1966	76.05	75.76	76.05	75.76	76.34	76.64	75.85	76.24	75.76	75.66	76.34	76.44	76.64	1976	137.01	137.51	139.52	136.96	137.00	137.79	136.13	136.47	137.92	136.03	136.37	136.23	136.85		
1967	78.68	77.22	77.51	77.51	78.19	78.19	78.48	78.97	78.68	79.06	79.84	79.93	80.22	1977	137.86	139.49	137.67	136.29	135.73	136.10	137.54	138.75	138.20	138.06	140.02	138.49	139.40		
1968	82.27	80.79	81.15	81.35	80.36	81.38	81.92	82.40	82.40	83.01	83.49	83.83	84.59	1978	136.52	139.18	138.24	136.99	138.41	136.05	136.04	136.89	135.45	135.58	135.99	134.60	135.05		
1969	86.62	85.19	86.02	85.80	85.26	85.59	86.89	86.35	86.40	86.68	87.44	88.48	88.03	1979	130.74	136.13	135.74	133.31	133.30	130.53	129.54	130.11	128.40	129.28	128.03	128.27	128.73		
1970	90.85	89.93	90.98	90.98	90.48	90.07	90.07	90.80	91.08	90.94	91.95	92.27	92.03	1980	125.07	127.54	127.51	127.07	125.35	124.21	125.13	124.41	125.06	124.04	124.34	125.26	123.83		
1971	96.82	94.97	96.28	96.79	96.79	97.64	97.06	97.30	97.81	96.86	97.33	96.86	97.66	1981		124.23	124.86	123.73											
1972	101.92	101.06	100.83	100.57	102.14	100.89	101.11	102.71	101.90	102.46	103.25	102.49	104.07	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS															
1973	105.67	103.80	104.87	104.59	105.66	104.35	104.61	106.45	105.39	107.00	106.47	107.27	108.88	1947	42.70														
1974	111.82	108.88	109.69	109.42	109.41	110.21	111.82	112.09	112.63	114.47	113.94	114.22	116.09	1948	45.03														
1975	121.35	117.21	119.08	119.03	117.91	121.15	122.52	121.42	122.78	121.92	122.78	124.96	123.82	1949	47.15														
1976	128.65	126.23	128.50	126.41	127.00	128.42	127.55	128.69	130.61	129.36	130.23	130.51	131.38	1950	49.76														
1977	137.86	134.75	134.37	133.84	134.37	135.42	137.82	139.58	139.58	139.99	142.40	141.40	142.89	1951	53.23														
1978	146.90	143.49	143.49	143.15	146.02	144.89	146.38	148.39	147.51	148.73	150.40	149.68	150.99	1952	55.07														
1979	156.76	153.56	154.88	153.71	155.56	154.16	154.80	157.30	156.65	159.40	159.14	160.85	163.10	1953	57.02														
1980	170.22	163.89	166.14	167.99	167.59	167.69	170.80	169.95	171.96	172.17	174.08	176.99	176.46	1954	58.86														
1981		178.40	181.29	180.77										1955	60.37														
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS														1956	61.77														
1947	100.87													1957	63.09														
1948	101.13													1958	65.15														
1949	106.77													1959	67.06														
1950	110.48													1960	68.59														
1951	107.60													1961	70.15														
1952	108.11													1962	73.07														
1953	111.68													1963	75.36														
1954	116.73													1964	78.14	77.37	78.03	77.55	77.55	77.85	77.67	78.33	78.14	78.07	79.04	78.96	79.33		
1955	120.59													1965	81.20	80.18	80.48	80.48	80.59	81.20	80.70	81.09	81.20	81.31	81.80	82.31	82.80		
1956	122.03													1966	83.29	82.99	83.29	82.99	83.59	83.90	83.09	83.49	82.99	82.90	83.59	83.70	83.90		
1957	120.58													1967	86.00	84.50	84.80	84.80	85.49	85.49	85.79	86.30	86.00	86.38	87.17	87.26	87.55		
1958	121.53													1968	90.66	88.14	88.52	88.73	89.01	90.06	90.63	91.12	91.12	91.76	92.25	92.61	93.39		
1959	124.39													1969	95.50	94.03	94.88	94.66	94.10	94.44	95.78	95.22	95.28	95.56	96.35	97.42	96.97		
1960	125.40													1970	99.23	98.27	99.37	99.37	98.85	98.42	98.42	99.19	99.48	99.33	100.39	100.72	100.47		
1961	127.23													1971	104.98	103.00	104.40	104.94	104.94	105.84	105.23	105.49	106.03	105.02	105.52	105.02	105.87		
1962	131.64													1972	110.71	109.79	109.55	109.28	110.94	109.61	109.84	111.55	110.68	111.28	112.13	111.32	113.01		
1963	134.50													1973	114.77	112.77	113.91	113.62	114.75	113.36	113.64	115.61	114.47	116.19	115.63	116.48	118.20		
1964	138.09	137.14	138.41	137.47	137.20	137.79	137.17	138.17	138.09	137.68	139.26	138.83	139.28	1974	121.34	118.20	119.06	118.77	118.76	119.62	121.34	121.63	122.20	124.17	123.61	123.91	125.88		
1965	142.07	141.53	142.11	142.11	141.76	142.62	140.88	141.59	142.07	142.01	142.66	143.32	143.71	1975	134.33	127.05	129.03	128.98	127.79	135.78	136.97	136.01	137.20	136.45	137.20	139.09	138.10		
1966	141.88	144.03	143.76	142.67	143.23	143.79	141.78	141.97	140.56	140.11	140.59	140.77	141.14	1976	140.43	138.07	140.28	138.24	138.77	140.19	139.29	140.48	142.46	141.17	142.06	142.35	143.24		

See footnotes at end of tables.

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
FINANCE, INSURANCE AND REAL ESTATE ¹⁷														SERVICES													
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS														GROSS AVERAGE WEEKLY EARNINGS IN CURRENT DOLLARS													
1977	151.49	146.74	146.33	145.77	146.33	147.45	152.53	154.32	154.32	154.74	157.20	156.18	157.69	1964	70.03	68.95	68.57	68.95	69.50	68.93	70.03	70.79	70.42	70.53	70.92	71.08	72.20
1978	161.09	157.40	157.40	157.03	160.14	158.92	160.53	162.68	161.75	163.05	164.84	164.06	165.46	1965	73.60	71.44	72.16	72.52	72.52	72.83	73.95	74.37	74.37	74.26	74.40	74.61	75.54
1979	172.33	169.45	170.64	169.59	171.25	169.99	170.57	172.80	172.22	174.95	174.67	176.50	178.91	1966	77.04	75.12	75.12	75.68	76.18	76.11	76.90	78.04	77.83	77.66	77.88	78.01	78.59
														1967	80.38	78.50	78.98	78.85	79.33	79.10	80.26	81.19	81.19	80.97	81.32	81.67	82.02
1980	186.52	179.75	182.15	184.13	183.70	183.81	187.13	186.23	188.38	188.59	190.63	193.75	193.18	1968	83.97	81.55	82.24	82.24	82.35	82.46	83.76	85.54	85.54	85.46	85.56	85.66	86.34
1981	195.33	198.35	197.81											1969	90.57	86.94	87.81	88.58	88.67	89.36	90.48	92.49	92.13	92.04	92.38	93.42	93.07
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS																											
1947	115.72													1970	96.66	92.95	93.98	94.94	94.67	94.73	95.35	97.44	98.42	98.78	98.50	98.89	99.86
1948	113.43													1971	103.06	99.67	100.05	100.39	101.06	101.44	102.34	104.84	104.88	104.78	105.12	105.14	106.79
1949	119.97													1972	110.85	107.52	108.18	108.51	109.84	108.86	109.16	111.13	111.48	112.55	113.56	112.89	113.91
														1973	117.29	113.57	114.24	115.26	115.93	115.59	117.65	119.72	118.34	119.64	118.93	119.95	120.96
														1974	126.00	120.57	122.28	122.95	123.62	124.92	127.50	127.22	127.53	129.41	128.98	129.26	130.99
														1975	134.67	130.59	131.93	132.26	131.54	132.53	134.52	135.66	136.06	136.68	136.94	139.03	139.36
1950	125.34													1976	143.52	140.28	141.28	140.10	141.10	142.10	142.62	143.56	144.57	145.31	146.30	147.51	148.95
1951	124.08													1977	153.45	149.24	150.68	150.22	150.88	151.54	152.72	154.10	154.44	155.43	157.56	157.26	158.40
1952	125.73													1978	163.67	160.39	160.56	161.05	162.36	161.87	163.18	164.84	163.68	165.46	167.42	167.24	167.70
1953	129.30													1979	175.27	169.78	170.75	171.80	171.93	171.28	173.71	176.49	176.29	178.22	178.65	180.60	184.01
1954	132.57																										
1955	136.58													1980	190.71	183.63	185.25	186.88	186.88	187.60	190.57	191.32	192.31	193.32	195.60	198.53	199.51
1956	137.88													1981	201.83	204.40	205.05										
1957	135.97													GROSS AVERAGE WEEKLY EARNINGS IN 1977 DOLLARS													
1958	136.58													1964	136.78	135.20	134.45	135.20	136.01	134.89	136.78	137.99	137.54	137.49	137.98	138.02	139.92
1959	139.42													1965	141.27	138.45	139.84	140.54	140.00	140.33	141.67	142.47	142.74	142.26	142.26	142.39	143.61
														1966	143.73	142.81	142.00	142.52	142.93	142.80	143.74	145.33	144.40	143.81	143.43	143.66	144.73
1960	140.27													1967	145.88	144.57	145.18	144.68	145.29	144.34	146.19	147.08	146.55	145.89	146.26	146.36	146.46
1961	142.00													1968	146.29	145.11	145.82	145.30	144.98	144.67	146.18	148.51	148.25	147.60	147.01	146.43	147.34
1962	146.43													1969	149.70	147.86	148.83	148.87	148.03	148.69	149.80	152.37	151.03	150.15	150.21	151.17	149.63
1963	149.23													1970	150.80	148.96	149.65	150.46	149.09	148.71	148.75	151.54	152.83	152.67	151.31	151.44	152.23
1964	152.62	151.71	153.00	152.06	151.76	152.35	151.70	152.69	152.62	152.18	153.77	153.32	153.74	1971	154.28	151.70	152.05	152.11	152.66	152.31	152.97	156.24	155.84	155.69	155.76	157.51	
1965	155.85	155.39	155.97	155.97	155.58	156.45	154.60	155.34	155.85	155.77	156.41	157.08	157.41	1972	160.65	158.35	158.62	158.87	160.35	158.46	158.43	160.82	160.87	161.94	162.69	161.50	162.50
1966	155.39	157.78	157.45	156.29	156.83	157.41	155.31	155.47	153.97	153.52	153.94	154.14	154.51	1973	160.01	161.32	161.13	161.20	161.01	159.43	161.39	163.78	159.06	160.16	157.94	158.25	158.53
1967	156.08	155.62	155.88	155.60	156.58	156.00	156.27	156.34	155.23	155.64	156.78	156.38	156.34	1974	154.79	156.58	156.77	156.03	155.89	155.76	157.60	156.10	154.39	154.80	153.00	152.07	153.03
1968	157.94	156.83	156.95	156.77	156.71	158.00	158.17	158.19	157.92	158.48	158.51	158.31	159.37	1975	151.66	151.85	152.34	152.20	150.50	150.95	152.00	151.74	151.68	151.70	150.98	152.45	152.14
1969	157.85	159.91	160.81	159.09	157.10	157.14	158.58	156.87	156.20	155.89	156.67	157.64	155.90	1976	152.84	152.81	153.40	151.79	152.21	152.47	152.21	152.24	152.66	152.80	153.19	153.98	155.16
														1977	153.45	154.49	154.39	152.97	152.40	152.30	152.42	153.18	152.91	153.28	154.93	154.03	154.54
1970	154.80	157.48	158.23	157.48	155.67	154.51	153.54	154.26	154.47	153.52	154.21	154.24	153.16	1978	152.11	155.57	154.68	154.11	153.90	151.99	151.65	152.07	150.30	150.83	151.37	150.40	150.00
1971	157.16	156.77	158.66	159.00	158.52	158.92	157.29	157.21	157.55	156.05	156.56	155.59	156.15	1979	146.18	150.51	149.65	149.00	147.33	145.03	145.36	145.98	144.50	144.54	143.72	144.02	145.23
1972	160.45	161.69	160.63	160.00	161.96	159.55	159.42	161.43	159.71	160.12	160.64	159.26	161.21	1980	140.12	142.90	142.17	141.36	139.78	138.96	139.61	140.06	139.86	139.28	139.71	140.50	140.01
1973	156.58	160.18	160.66	158.91	159.38	156.36	155.88	158.15	153.86	155.54	153.56	153.67	154.91	1981	140.55	140.77	140.35										
1974	149.07	153.51	152.64	150.72	149.76	149.15	149.99	149.24	147.94	148.53	146.63	145.78	147.06	SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS													
1975	151.27	147.73	149.00	148.42	146.21	154.65	154.77	152.14	152.95	151.44	151.27	152.51	150.76	1964	58.35	57.50	57.20	57.50	57.93	57.48	58.35	58.94	58.65	58.74	59.04	59.17	60.05
1976	149.55	150.40	152.31	149.77	149.70	150.42	148.66	148.97	150.43	148.44	148.75	148.59	149.21	1965	61.89	60.17	60.74	61.03	61.03	61.28	62.16	62.50	62.50	62.41	62.52	62.69	63.42
1977	151.49	151.90	149.93	148.44	147.81	148.19	152.23	153.40	152.79	152.60	154.57	152.97	153.84	1966	64.17	62.66	62.66	63.10	63.49	63.44	64.06	64.96	64.66	64.83	64.93	65.39	
1978	149.71	152.67	151.64	150.27	151.79	149.22	149.19	150.07	148.53	148.63	149.04	147.54	148.00	1967	66.64	65.16	65.54	65.44	65.81	65.63	66.54	67.27	67.27	67.10	67.38	67.65	67.93
1979	143.73	150.22	149.55	147.09	146.74	143.94	142.74	142.93	141.16	141.89	140.52	140.75	141.21	1968	68.65	67.56	68.10	68.10	67.13	67.21	68.21	69.58	69.58	69.51	69.59	69.67	70.19
														1969	73.08	70.30	70.97	71.56	71.63	72.15	73.01	74.54	74.27	74.20	74.46	75.25	74.99
1980	137.05	139.88	139.79	139.28	137.40	136.16	137.09	136.33	137.00	135.87	136.16	137.12	135.56	1964	58.35	57.50	57.20	57.50	57.93	57.48	58.35	58.94	58.65	58.74	59.04	59.17	60.05
1981	136.02	136.60	135.39											1965	61.89	60.17	60.74										

See footnotes at end of tables.

SPENDABLE EARNINGS

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS														GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, IN CURRENT AND 1977 DOLLARS													
SERVICES														SERVICES													
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN CURRENT DOLLARS														SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS													
1970	78.80	75.91	76.71	77.46	77.25	77.30	77.78	79.40	80.16	80.44	80.22	80.53	81.26	1976	132.15	129.94	130.62	129.82	130.50	131.18	131.54	132.18	132.86	133.37	134.04	134.87	135.85
1971	85.77	83.20	83.49	83.75	84.25	84.54	85.22	87.12	87.15	87.07	87.33	87.35	88.60	1977	142.26	136.05	137.03	136.71	137.16	137.61	143.79	145.09	145.40	146.19	147.91	147.67	148.55
1972	92.86	90.34	90.84	91.09	92.10	91.36	91.58	93.08	93.34	94.15	94.92	94.41	95.18	1978	149.92	147.36	147.50	147.88	148.90	148.52	149.54	150.83	149.93	151.32	152.84	152.70	153.06
1973	96.96	94.19	94.69	95.46	95.96	95.71	97.22	98.74	97.73	98.68	98.16	98.90	99.64	1979	162.04	158.34	158.99	159.70	159.79	159.35	160.99	162.86	162.73	164.03	164.32	165.63	167.91
1974	103.33	99.36	100.61	101.10	101.59	102.54	104.43	104.22	104.45	105.82	105.51	105.71	106.98	1980	172.29	167.66	168.72	169.78	169.78	170.25	172.20	172.69	173.33	174.12	175.89	178.18	178.94
1975	111.46	106.69	107.67	107.91	107.38	110.80	112.25	113.09	113.38	113.83	114.02	115.55	115.79	1981		179.70	181.68	182.19									
1976	119.70	117.26	118.01	117.13	117.88	118.63	119.02	119.73	120.48	121.04	121.78	122.69	123.78	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS													
1977	128.99	123.99	125.08	124.73	125.23	125.72	129.75	130.79	131.04	131.79	133.39	133.16	134.02	1964	127.97	126.76	126.16	126.76	127.38	126.48	127.97	128.91	128.57	128.50	128.85	128.85	130.35
1978	136.34	133.88	134.01	134.38	135.36	134.99	135.97	137.22	136.35	137.68	139.15	139.02	139.36	1965	131.34	129.19	130.33	130.91	130.41	130.64	131.65	132.30	132.55	132.13	132.10	132.18	133.12
1979	145.31	141.20	141.93	142.72	142.81	142.33	144.15	146.23	146.08	147.52	147.85	149.31	151.84	1966	132.65	132.19	131.44	131.81	132.08	131.97	132.67	133.91	133.10	132.59	132.19	132.38	133.24
1980	156.72	151.56	152.74	153.93	153.93	154.45	156.62	157.16	157.89	158.62	160.28	162.42	163.13	1967	133.65	132.82	133.29	132.84	133.32	132.48	133.95	134.58	134.10	133.53	133.79	133.84	133.86
1981		163.77	165.63	166.10										1968	133.33	132.70	133.23	132.76	132.43	132.12	133.26	135.07	134.84	134.25	133.69	133.15	133.86
SPENDABLE AVERAGE WEEKLY EARNINGS—WORKER WITH NO DEPENDENTS IN 1977 DOLLARS														1969	134.69	133.64	134.36	134.27	133.49	133.98	134.78	136.79	135.64	134.86	134.86	135.55	134.23
1964	113.96	112.75	112.16	112.75	113.37	112.49	113.96	114.89	114.55	114.50	114.86	114.89	116.38	1970	135.20	134.12	134.57	135.15	133.97	133.61	133.56	135.75	136.74	136.54	135.36	135.42	135.96
1965	118.79	116.61	117.71	118.28	117.82	118.07	119.08	119.73	119.96	119.56	119.54	119.64	120.57	1971	139.60	137.82	138.07	138.06	138.46	138.08	138.54	141.09	140.71	140.59	140.80	140.61	141.93
1966	119.72	119.13	118.45	118.83	119.12	119.02	119.74	120.97	120.20	119.74	119.39	119.58	120.42	1972	146.46	144.92	145.06	145.23	146.35	144.79	144.72	146.57	146.55	147.35	147.88	146.91	147.65
1967	120.94	120.00	120.48	120.07	120.53	119.76	121.20	121.87	121.43	120.90	121.19	121.24	121.30	1973	143.85	145.58	145.30	145.22	144.94	143.57	145.02	146.87	142.84	143.64	141.74	141.87	141.99
1968	119.60	120.21	120.74	120.32	118.19	117.91	119.04	120.80	120.59	120.05	119.57	119.09	119.78	1974	137.92	140.30	140.21	139.45	139.23	138.93	140.22	138.92	137.36	137.48	135.94	135.08	135.71
1969	120.79	119.56	120.29	120.27	119.58	120.05	120.88	122.80	121.75	121.04	121.07	121.76	120.56	1975	140.90	134.72	134.99	134.82	133.41	142.12	143.11	142.86	142.81	142.82	142.15	143.53	143.14
1970	122.93	121.65	122.15	122.76	121.65	121.35	121.34	123.48	124.47	124.33	123.23	123.32	123.87	1976	140.73	141.55	141.82	140.65	140.78	140.75	140.38	140.17	140.30	140.24	140.36	140.78	141.51
1971	128.40	126.64	126.88	126.89	127.27	126.94	127.38	129.84	129.49	129.38	129.57	129.41	130.68	1977	142.26	140.84	140.40	139.22	138.55	138.30	143.50	144.22	143.96	144.17	145.44	144.63	144.93
1972	134.58	133.05	133.20	133.37	134.45	132.98	132.92	134.70	134.69	135.47	135.99	135.06	135.78	1978	139.33	142.93	142.10	141.51	141.14	139.46	138.98	139.14	137.68	137.94	138.19	137.32	136.91
1973	132.28	133.79	133.55	133.51	133.28	132.01	133.36	135.08	131.36	132.10	130.36	130.47	130.59	1979	135.15	140.37	139.34	138.51	136.92	134.93	134.72	134.71	133.39	133.03	132.20	132.08	132.53
1974	126.94	129.04	128.99	128.30	128.11	127.86	129.09	127.88	126.45	126.58	125.16	124.36	124.98	1980	126.59	130.47	129.49	128.43	126.99	126.11	126.15	126.42	126.06	125.45	125.64	126.10	125.57
1975	125.52	124.06	124.33	124.18	122.86	126.20	126.84	126.50	126.40	126.34	125.71	126.70	126.41	1981		125.14	125.12	124.70									
1976	127.48	127.73	128.13	126.90	127.16	127.29	127.02	126.97	127.22	127.28	127.52	128.07	128.94	SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN CURRENT DOLLARS													
1977	128.99	128.35	128.16	127.02	126.49	126.35	129.49	130.01	129.74	129.97	131.16	130.42	130.75	1964	65.52	64.65	64.34	64.65	65.09	64.63	65.52	66.13	65.83	65.92	66.23	66.36	67.26
1978	126.71	129.85	129.10	128.59	128.30	126.75	126.37	126.59	125.21	125.51	125.81	125.02	124.65	1965	68.43	66.66	67.25	67.55	67.55	67.80	68.72	69.06	68.97	69.09	69.26	70.02	
1979	121.19	125.18	124.39	123.78	122.37	120.52	120.63	120.95	119.74	119.64	118.95	119.07	119.84	1966	71.10	69.53	69.53	69.99	70.40	70.34	70.98	71.91	71.74	71.60	71.78	71.88	72.35
1980	115.15	117.95	117.22	116.44	115.13	114.41	114.74	115.05	114.83	114.28	114.49	114.95	114.48	1967	73.64	72.12	72.51	72.40	72.79	72.60	73.54	74.29	74.11	74.39	74.68	74.96	
1981		114.05	114.07	113.69										1968	76.53	74.58	75.14	75.14	75.22	75.31	76.36	77.80	77.73	77.81	77.89	78.44	
SPENDABLE AVERAGE WEEKLY EARNINGS—MARRIED WORKER WITH 3 DEPENDENTS IN 1977 DOLLARS														1969	81.49	78.58	79.27	79.89	79.96	80.52	81.41	83.03	82.74	82.67	82.94	83.77	83.49
1964	65.52	64.65	64.34	64.65	65.09	64.63	65.52	66.13	65.83	65.92	66.23	66.36	67.26	1970	86.66	83.69	84.51	85.28	85.07	85.11	85.61	87.29	88.06	88.34	88.12	88.43	89.19
1965	68.43	66.66	67.25	67.55	67.55	67.80	68.72	69.06	68.97	69.09	69.26	70.02		1971	93.25	90.55	90.85	91.12	91.66	91.96	92.68	94.67	94.70	94.62	94.90	94.91	96.23
1966	71.10	69.53	69.53	69.99	70.40	70.34	70.98	71.91	71.74	71.60	71.78	71.88	72.35	1972	101.06	98.40	98.93	99.19	100.25	99.47	99.71	101.28	101.56	102.41	103.22	102.69	103.50
1967	73.64	72.12	72.51	72.40	72.79	72.60	73.54	74.29	74.11	74.39	74.68	74.96		1973	105.44	102.49	103.02	103.83	104.36	104.09	105.72	107.36	106.27	107.30	106.73	107.54	108.34
1968	76.53	74.58	75.14	75.14	75.22	75.31	76.36	77.80	77.73	77.81	77.89	78.44		1974	112.27	108.03	109.36	109.89	110.41	111.42	113.44	113.22	113.46	114.93	114.60	114.82	116.17
1969	81.49	78.58	79.27	79.89	79.96	80.52	81.41	83.03	82.74	82.67	82.94	83.77	83.49	1975	125.12	115.86	116.90	117.16	116.60	124.78	126.65	127.72	128.10				

See footnotes at end of tables.

EARNINGS EXCLUDING OVERTIME PAY

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS²²														AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS²²													
MANUFACTURING														SIC 34—FABRICATED METAL PRODUCTS													
1977	5.44	5.29	5.27	5.30	5.35	5.38	5.41	5.46	5.45	5.53	5.56	5.60	5.67	1977	5.66	5.51	5.50	5.54	5.55	5.60	5.65	5.65	5.67	5.73	5.78	5.81	5.84
1978	5.91	5.73	5.73	5.76	5.79	5.82	5.86	5.92	5.91	6.00	6.05	6.10	6.19	1978	6.07	5.86	5.87	5.93	5.98	6.01	6.02	6.07	6.08	6.15	6.21	6.25	6.33
1979	6.43	6.23	6.26	6.29	6.34	6.37	6.40	6.46	6.43	6.52	6.55	6.60	6.70	1979	6.57	6.35	6.39	6.46	6.47	6.52	6.55	6.57	6.58	6.66	6.70	6.74	6.86
1980	7.02	6.71	6.76	6.81	6.86	6.91	6.99	7.07	7.06	7.16	7.23	7.32	7.40	1980	7.20	6.83	6.90	6.99	7.04	7.11	7.22	7.22	7.26	7.37	7.43	7.49	7.58
1981		7.46	7.48	7.53										1981		7.62	7.65	7.74									
SIC 24,25,32-39—DURABLE GOODS														SIC 35—MACHINERY, EXCEPT ELECTRICAL													
1977	5.80	5.63	5.61	5.65	5.69	5.74	5.78	5.82	5.81	5.89	5.94	5.97	6.05	1977	5.97	5.79	5.80	5.81	5.86	5.89	5.94	5.97	5.99	6.07	6.13	6.16	6.21
1978	6.29	6.09	6.09	6.12	6.16	6.20	6.23	6.29	6.29	6.39	6.45	6.50	6.60	1978	6.45	6.23	6.27	6.30	6.31	6.34	6.40	6.44	6.45	6.55	6.61	6.66	6.76
1979	6.83	6.62	6.65	6.69	6.74	6.78	6.82	6.87	6.84	6.93	6.95	7.00	7.12	1979	6.99	6.75	6.80	6.84	6.88	6.92	7.00	7.03	7.03	7.13	7.10	7.14	7.24
1980	7.48	7.12	7.19	7.26	7.30	7.37	7.45	7.54	7.52	7.64	7.73	7.82	7.90	1980	7.69	7.31	7.35	7.42	7.49	7.57	7.65	7.74	7.73	7.89	7.99	8.06	8.13
1981		7.95	7.98	8.04										1981		8.19	8.23	8.29									
SIC 24—LUMBER AND WOOD PRODUCTS														SIC 36—ELECTRIC AND ELECTRONIC EQUIPMENT													
1977	4.87	4.76	4.72	4.71	4.76	4.78	4.82	4.86	4.90	4.99	5.01	5.03	5.04	1977	5.22	5.08	5.07	5.09	5.11	5.13	5.17	5.24	5.26	5.31	5.32	5.36	5.44
1978	5.35	5.18	5.16	5.17	5.19	5.25	5.40	5.45	5.41	5.47	5.49	5.49	5.52	1978	5.63	5.48	5.47	5.49	5.52	5.54	5.55	5.64	5.67	5.72	5.74	5.76	5.87
1979	5.81	5.55	5.57	5.58	5.66	5.71	5.88	5.95	5.93	6.00	5.94	5.96	5.98	1979	6.11	5.91	5.93	5.96	5.98	6.02	6.05	6.09	6.17	6.24	6.26	6.28	6.40
1980	6.30	5.97	6.08	6.09	6.05	6.17	6.31	6.46	6.47	6.51	6.47	6.51	6.48	1980	6.76	6.45	6.50	6.56	6.60	6.61	6.70	6.80	6.83	6.92	6.99	7.05	7.13
1981		6.56	6.59	6.56										1981		7.20	7.23	7.27									
SIC 25—FURNITURE AND FIXTURES														SIC 37—TRANSPORTATION EQUIPMENT													
1977	4.21	4.08	4.09	4.12	4.14	4.15	4.19	4.23	4.25	4.27	4.28	4.32	4.35	1977	6.88	6.67	6.66	6.71	6.72	6.76	6.85	6.85	6.84	6.95	7.08	7.13	7.26
1978	4.52	4.42	4.40	4.41	4.44	4.47	4.50	4.54	4.56	4.59	4.61	4.64	4.68	1978	7.47	7.20	7.21	7.29	7.32	7.33	7.38	7.41	7.38	7.55	7.70	7.76	7.91
1979	4.92	4.73	4.79	4.81	4.85	4.86	4.92	4.92	4.96	5.02	5.03	5.07	5.11	1979	8.12	7.87	7.86	7.94	7.98	8.09	8.11	8.12	8.04	8.19	8.30	8.36	8.57
1980	5.37	5.14	5.20	5.25	5.28	5.33	5.40	5.45	5.43	5.46	5.47	5.51	5.54	1980	8.96	8.45	8.53	8.67	8.70	8.75	8.93	9.00	9.00	9.17	9.33	9.42	9.60
1981		5.57	5.60	5.62										1981		9.59	9.57	9.70									
SIC 32—STONE, CLAY, AND GLASS PRODUCTS														SIC 38—INSTRUMENTS AND RELATED PRODUCTS													
1977	5.51	5.29	5.32	5.33	5.41	5.46	5.51	5.54	5.55	5.58	5.61	5.67	5.70	1977	5.14	5.04	5.03	5.03	5.05	5.07	5.07	5.15	5.18	5.21	5.22	5.27	5.34
1978	5.98	5.75	5.74	5.77	5.84	5.91	5.97	6.01	6.04	6.10	6.12	6.18	6.23	1978	5.54	5.39	5.41	5.43	5.47	5.51	5.50	5.56	5.57	5.58	5.60	5.65	5.75
1979	6.49	6.25	6.26	6.30	6.40	6.41	6.48	6.53	6.53	6.61	6.64	6.72	6.77	1979	5.99	5.81	5.83	5.85	5.90	5.94	5.94	6.01	5.97	6.00	6.12	6.17	6.27
1980	7.17	6.75	6.82	6.93	7.03	7.14	7.21	7.27	7.29	7.32	7.37	7.45	7.48	1980	6.61	6.37	6.38	6.42	6.45	6.53	6.62	6.70	6.68	6.71	6.75	6.80	6.90
1981		7.54	7.56	7.59										1981		6.98	7.00	7.03									
SIC 33—PRIMARY METAL INDUSTRIES														SIC 39—MISCELLANEOUS MANUFACTURING INDUSTRIES													
1977	7.08	6.70	6.73	6.78	6.87	7.03	7.07	7.14	7.22	7.29	7.33	7.37	7.40	1977	4.24	4.16	4.15	4.17	4.19	4.22	4.23	4.28	4.24	4.27	4.27	4.31	4.40
1978	7.81	7.49	7.58	7.59	7.63	7.68	7.72	7.81	7.91	8.00	8.01	8.11	8.14	1978	4.55	4.47	4.42	4.46	4.49	4.52	4.53	4.58	4.56	4.58	4.60	4.64	4.72
1979	8.57	8.20	8.32	8.32	8.55	8.44	8.50	8.64	8.71	8.76	8.72	8.88	8.91	1979	4.89	4.80	4.82	4.81	4.86	4.88	4.87	4.91	4.89	4.90	4.94	4.97	5.06
1980	9.44	8.95	9.08	9.10	9.20	9.34	9.40	9.57	9.57	9.64	9.77	9.91	9.95	1980	5.34	5.16	5.18	5.22	5.27	5.31	5.34	5.38	5.36	5.39	5.42	5.46	5.57
1981		9.96	10.16	10.13										1981		5.69	5.69	5.71									

See footnotes at end of tables.

EARNINGS EXCLUDING OVERTIME PAY

Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ann. Avg.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS ²²														AVERAGE HOURLY EARNINGS EXCLUDING OVERTIME OF PRODUCTION WORKERS IN MANUFACTURING, BY MAJOR INDUSTRY GROUP IN DOLLARS ²²													
SIC 20-23,26-31—NONDURABLE GOODS														SIC 28—CHEMICALS AND ALLIED PRODUCTS													
1977	4.91	4.79	4.78	4.80	4.84	4.84	4.87	4.94	4.94	4.99	5.00	5.04	5.10	1977	6.18	5.97	5.97	5.98	6.04	6.08	6.14	6.21	6.23	6.29	6.36	6.41	6.46
1978	5.32	5.18	5.18	5.19	5.22	5.24	5.27	5.35	5.34	5.38	5.42	5.47	5.52	1978	6.73	6.52	6.54	6.56	6.59	6.67	6.69	6.77	6.78	6.83	6.90	6.93	7.00
1979	5.78	5.60	5.61	5.64	5.72	5.70	5.72	5.82	5.81	5.87	5.91	5.97	6.03	1979	7.30	7.03	7.05	7.08	7.21	7.19	7.24	7.31	7.35	7.41	7.51	7.56	7.62
1980	6.33	6.07	6.07	6.10	6.17	6.24	6.30	6.40	6.41	6.46	6.50	6.57	6.63	1980	8.00	7.67	7.71	7.75	7.82	7.90	7.98	8.09	8.11	8.16	8.21	8.27	8.35
1981		6.72	6.74	6.77										1981		8.40	8.46	8.51									
SIC 20—FOOD AND KINDRED PRODUCTS														SIC 29—PETROLEUM AND COAL PRODUCTS													
1977	5.11	4.99	4.99	5.01	5.06	5.08	5.06	5.10	5.10	5.15	5.17	5.26	5.34	1977	7.48	7.19	7.45	7.51	7.47	7.44	7.44	7.49	7.47	7.51	7.55	7.58	7.65
1978	5.53	5.37	5.41	5.44	5.47	5.50	5.48	5.51	5.51	5.56	5.60	5.68	5.74	1978	8.23	8.08	8.23	8.17	8.16	8.17	8.15	8.20	8.21	8.26	8.26	8.36	8.44
1979	5.97	5.81	5.83	5.85	5.94	5.94	5.94	5.97	5.95	5.97	6.03	6.17	6.24	1979	8.92	8.58	8.68	8.89	8.99	8.92	8.88	8.94	8.91	9.01	9.04	9.09	9.06
1980	6.54	6.31	6.36	6.40	6.47	6.52	6.54	6.57	6.54	6.58	6.62	6.75	6.81	1980	9.67	9.06	8.93	8.84	9.42	9.65	9.86	9.85	9.80	9.88	9.90	10.05	9.95
1981		6.87	6.93	6.99										1981		10.63	10.86	10.78									
SIC 21—TOBACCO MANUFACTURES														SIC 30—RUBBER AND MISC. PLASTICS PRODUCTS													
1977	5.40	5.15	5.39	5.40	5.50	5.46	5.67	5.62	5.36	5.30	5.22	5.40	5.51	1977	4.95	4.88	4.85	4.86	4.90	4.89	4.95	4.98	4.97	4.99	5.00	5.04	5.09
1978	5.96	5.78	5.82	6.00	6.10	6.15	6.30	6.31	5.99	5.75	5.69	5.84	6.00	1978	5.28	5.14	5.13	5.12	5.15	5.22	5.25	5.30	5.32	5.34	5.41	5.46	5.50
1979	6.55	6.28	6.44	6.54	6.75	6.74	6.73	6.74	6.41	6.28	6.23	6.84	6.81	1979	5.76	5.56	5.58	5.60	5.65	5.66	5.69	5.79	5.78	5.85	5.94	5.97	6.04
1980	7.56	7.00	7.32	7.50	7.63	7.52	7.92	8.01	7.64	7.35	7.44	7.60	7.85	1980	6.34	6.09	6.10	6.10	6.17	6.24	6.30	6.37	6.43	6.47	6.54	6.61	6.69
1981		8.22	8.29	8.49										1981		6.78	6.79	6.81									
SIC 22—TEXTILE MILL PRODUCTS														SIC 31—LEATHER AND LEATHER PRODUCTS													
1977	3.82	3.70	3.70	3.70	3.73	3.71	3.74	3.88	3.90	3.92	3.92	3.94	3.96	1977	3.52	3.46	3.48	3.51	3.50	3.51	3.50	3.49	3.50	3.55	3.57	3.59	3.60
1978	4.11	4.00	3.98	3.99	4.00	4.01	4.02	4.14	4.19	4.22	4.23	4.26	4.28	1978	3.80	3.72	3.75	3.76	3.77	3.78	3.78	3.81	3.78	3.83	3.85	3.89	3.92
1979	4.47	4.33	4.32	4.33	4.35	4.34	4.35	4.48	4.57	4.61	4.62	4.65	4.65	1979	4.14	4.05	4.06	4.09	4.12	4.10	4.09	4.11	4.13	4.19	4.23	4.25	4.27
1980	4.88	4.69	4.70	4.71	4.72	4.73	4.77	4.92	5.02	5.06	5.07	5.10	5.12	1980	4.49	4.39	4.41	4.42	4.44	4.45	4.45	4.48	4.51	4.53	4.56	4.60	4.65
1981		5.14	5.15	5.16										1981		4.76	4.79	4.81									
SIC 23—APPAREL AND OTHER TEXTILE PRODUCTS																											
1977	3.56	3.51	3.48	3.51	3.51	3.50	3.55	3.54	3.55	3.61	3.62	3.63	3.70														
1978	3.87	3.80	3.79	3.82	3.84	3.83	3.84	3.85	3.86	3.91	3.93	3.95	4.00														
1979	4.17	4.11	4.10	4.12	4.14	4.13	4.14	4.17	4.14	4.20	4.24	4.25	4.31														
1980	4.51	4.38	4.39	4.41	4.40	4.39	4.45	4.45	4.53	4.62	4.66	4.67	4.73														
1981		4.82	4.81	4.86																							
SIC 26—PAPER AND ALLIED PRODUCTS																											
1977	5.64	5.44	5.44	5.47	5.51	5.53	5.59	5.69	5.71	5.77	5.80	5.84	5.89														
1978	6.16	5.92	5.96	5.97	5.98	6.03	6.15	6.25	6.21	6.27	6.30	6.37	6.42														
1979	6.75	6.44	6.49	6.53	6.61	6.62	6.69	6.79	6.84	6.91	6.95	7.02	7.09														
1980	7.47	7.12	7.16	7.19	7.27	7.32	7.45	7.58	7.59	7.64	7.68	7.75	7.83														
1981		7.84	7.87	7.90																							
SIC 27—PRINTING AND PUBLISHING																											
1977	5.90	5.77	5.79	5.80	5.81	5.85	5.88	5.90	5.93	5.97	6.00	6.03	6.04														
1978	6.26	6.13	6.13	6.14	6.16	6.19	6.23	6.26	6.29	6.33	6.35	6.41	6.45														
1979	6.69	6.51	6.52	6.54	6.55	6.64	6.68	6.70	6.71	6.79	6.83	6.86	6.93														
1980	7.29	6.99	7.05	7.08	7.11	7.22	7.25	7.31	7.37	7.45	7.48	7.53	7.59														
1981		7.68	7.72	7.77																							

See footnotes at end of tables.

Footnotes

- 1- Includes all divisions except government.
- 2- Data relate to production workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.
- 3- Includes mining, construction, and manufacturing.
- 4- Data relate to production workers in mining and manufacturing, and to construction workers in construction.
- 5- Less than 0.05 percent.
- 6- 11-month average.
- 7- Not available.
- 8- Not comparable with previously published data. Based on definitions in the 1977 Supplement to the *1972 Standard Industrial Classification Manual*.
- 9- Includes transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; services; and government.
- 10- Includes transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.
- 11- Data relate to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.
- 12- Data are based on reports summarized in the M-300 report by the Interstate Commerce Commission and relate to employment at the middle of the month. Hours and earnings averages are based upon monthly data (exclusive of switching and terminal companies) and relate to all employees who received pay during the month, with the exception of executives, officials, and staff assistants (ICC Group 1). Beginning with January 1978, data relate to line haul railroads with annual operating revenues of \$50 million or more. This class included all railroads with operating revenues of \$10 million or more for the years 1976 and 1977.
- 13- Excludes data for telegraph messengers.
- 14- Data relate to employees in such occupations in the telephone industry as switchboard operators, service assistants, operating room instructors, and pay-station attendants.
- 15- Data relate to employees in such occupations in the telephone industry as central office craftworkers; installation and exchange repair craftworkers; line, cable, and conduit craftworkers; and laborers.
- 16- Money payments only; tips not included.
- 17- Excludes data on nonoffice sales agents.
- 18- Money payments only; additional value of board, room, uniforms, and tips not included.
- 19- "All employees" estimates prepared by the Office of Personnel Management; "women employees" estimates derived from the BLS sample. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.
- 20- Data exclude, as nominal employees, elected officials of small local units and paid volunteers firefighters. Data for the summer period are adjusted to include regular full-time teachers whether or not paid in those months.

²¹- Beginning with February 1977, data not strictly comparable with previous months due to change in pay practices of a large reporter.

²²- Derived by assuming that overtime hours are paid at the rate of time and one-half.

Technical Note

This technical note describes the method of collection, concepts, scope, and estimating methods used in the preparation of the employment, hours, earnings, and labor turnover series shown in this supplement.

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in nonagricultural establishments, by industry and geographic location.

Federal-State cooperation

As a result of cooperative arrangements between the State agencies and the Bureau of Labor Statistics, respondents need to fill out only one employment or labor turnover reporting form, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents and, together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the establishment data to the BLS (Washington Office) for use in preparing the national series.

Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. The collecting agency returns the schedule to the respondent each month so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of workers, both full- and part-time, on the payrolls of nonagricultural establishments and, for most industries, payroll and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and total employment during the pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All national, State, and area employment, hours, earnings, and labor turnover series are classified according to the *Standard Industrial Classification Manual*, 1972, Office of Management and Budget.

Industry employment

Employment data, except those for employees of the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period, or who are hired but have not been paid during the period.

Industry hours and earnings

Hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in the remaining private nonagricultural components. These terms are defined below. When the pay period reported is longer than 1 week, the figures are converted to a weekly basis.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for a plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs ordinarily performed by members of the construction trades (such as precutting and preassembling).

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, teachers, research aides, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers, laborers, janitors, guards, and other employees at similar occupational levels, whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construc-

tion, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding taxes, bonds, or union dues; also included is pay for overtime, holidays, vacations and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. Moreover, "fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

Hours cover hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Overtime hours cover hours worked by production or related workers for which overtime premiums were paid because the hours exceeded the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings

Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are

affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. In addition, monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the service industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

Average weekly hours

The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average overtime hours

The overtime hours represent that portion of gross average weekly hours which exceeds regular hours and for which overtime premiums are paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours exceeding the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime as on gross hours.

Railroad hours and earnings

The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC Group I), who received pay during the month. Gross average hourly earnings are com-

puted by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, converted to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

Spendable average weekly earnings

Spendable average weekly earnings in current dollars are obtained by deducting from the gross average weekly earnings of all production and nonsupervisory workers estimated Federal social security and income taxes for a worker who earned the average amount. The amount of income tax liability depends on the number of dependents supported by the worker and his or her marital status, as well as on the worker's gross income. To reflect these variables, the Bureau calculates two sets of spendable earnings series based on the assumptions that the worker earned the gross average weekly earnings and was taxed at the rates applicable to either (1) a worker with no dependents, or (2) a married worker with three dependents who files a joint return. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflects the spendable earnings of only those workers, with no dependents or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all workers with three dependents; such workers in fact have higher average gross earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising in some industries, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul Ryscavage, "Two Divergent Measures of Purchasing Power," in the *Monthly Labor Review* for August 1979. Reprints of this article are available from the Bureau of Labor Statistics.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month by using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

Average hourly earnings excluding overtime

Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry

group by the sum of total production-worker hours and one-half of total overtime hours. Only earnings due to overtime paid for at 1-1/2 times the straight-time rates are eliminated. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours

The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for 1977. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of aggregation, hour and payroll aggregates are the sum of the component aggregates.

Labor turnover

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included.

Accessions are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

New hires are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

Recalls are permanent or temporary additions to the employment roll of persons specifically recalled to a job in the same establishment of the company following a period of layoff lasting more than 7 consecutive days. (The collection of recalls, as a separate item, began January 1976.)

Other accessions are all additions to the employment roll which are not classified as new hires or recalls. These include transfers from other establishments of the company and former employees returning from military leave or other absences without pay who have been counted as

separations. Data on other accessions are not published separately but are included in total accessions.

Separations are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, as defined below.

Quits are terminations of employment initiated by employees, failure to report after being hired (if counted as new hires previously), and unauthorized absences, if on the last day of the month the person has been absent more than 7 consecutive calendar days.

Layoffs are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

Other separations, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month, whereas the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) the use of size and regional stratification, and (3) periodic adjustment of employment levels to new benchmarks.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current-month employment to that

of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and non-production workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are summarized later in table F. Further details are given in the *BLS Handbook of Methods*, Bulletin 1910 (1976), chapters 3 and 4. Reprints are available upon request.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in table F, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various non-agricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1980 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are the employment data by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted at levels between the new benchmark and the preceding one, and the new benchmark for each industry then is carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level.

Data for all months since the last benchmark to which the series has

been adjusted are therefore subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is an optimum allocation design known as "sampling proportionate to average size of establishment." Under this type of design, large establishments fall into the sample with certainty. The size of the samples for the various industries is determined empirically on the basis of experience and of cost consideration. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the larger establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the smaller ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents and, at a somewhat later date, statistics in considerably greater industrial detail. The tendency of such a sample to produce biased estimates of the level of earnings for certain industries is counteracted by the stratified estimating procedure described under "Estimating Methods."

Table A. Approximate size and coverage of BLS employment and payrolls sample, March 1980¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	166,300	35,270,000	38
Mining	2,100	369,000	37
Construction	16,100	739,000	18
Manufacturing	44,200	11,175,000	54
Transportation and public utilities:			
Railroad transportation (ICC)	40	482,000	90
Other transportation and public utilities	7,600	2,623,000	57
Wholesale and retail trade	41,100	3,288,000	16
Finance, insurance, and real estate	11,200	1,826,000	36
Services	25,500	3,516,000	20
Government:			
Federal ²	4,500	2,869,000	100
State and local	13,900	8,383,000	61

¹ Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

² National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,500 reports covering about 55 percent of employment in Federal establishments.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table A shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Table B shows the approximate coverage, in terms of employment, of the labor turnover sample.

Reliability of employment estimates

The estimates derived from the establishment survey may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's

Table B. Approximate size and coverage of BLS labor turnover sample, March 1980

Industry	Employees	
	Number reported	Percent of total
Total	9,252,000	40
Manufacturing	8,461,000	41
Mining	227,000	23
Telephone communication	744,000	70

estimate, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to the sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table C presents the average percent revisions of the five most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table C and for individual industries with the specified number of employees in table D. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of ratio estimates is the root-mean-square error (RMSE). This measure is the standard deviation adjusted for the bias in ratio estimates:

$$RMSE = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-

Table C. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment ¹	Relative errors ²	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	-	-
Total private	.3	0.1	0.2
Mining	1.0	.5	.5
Construction	1.7	.2	.3
Manufacturing	.3	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.4	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.4	.1	.2
Wholesale	.7	.2	.3
Retail	.4	.2	.2
Finance, insurance, and real estate	.5	.2	.4
Services	.7	.4	.8
Government ³	.5	-	-

¹ The average percent revision in employment for the following benchmarks: 1970, 1971, 1974, 1978, 1979 and 1980.

² Relative errors relate to March 1971 data.

³ Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the experience of the last 5 years) of differences between final estimates and benchmarks are presented in table D.

Since the differences are those that have accumulated at the end of 12 monthly estimates, the amount of difference that accumulates in 1 month is much smaller, or approximately 1/12 of the amount indicated. Customarily, benchmarks are done annually; however, benchmarks were not done for 1975 and 1976 because the Bureau was in the process of recoding to the 1972 SIC codes.

A comparison of the actual amounts of revisions made at the time of the March 1980 benchmark adjustment is shown in table E.

SEASONAL ADJUSTMENT

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminat-

ing that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but, in addition, are affected by the uncertainties of the seasonal adjustment process itself. The revised seasonally adjusted series shown in this supplement reflect the experience through March 1981. Current seasonally adjusted data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series is an adaptation of the standard ratio-to-moving average method. It provides for “moving” adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967). In addition, a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method is being used. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, February 1980.

Beginning in July 1980, the BLS used the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the BLS Seasonal Factor Method. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current year's estimates are based

Table D. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates ¹	Relative errors ² (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

¹ Assuming 12-month intervals between benchmark revisions.

² Relative errors relate to March 1971 data.

Table E. Comparison of nonagricultural employment benchmarks and estimates for March 1980

Industry division	Benchmark March 1980	Estimate, March 1980	Percent difference
Total	90,253,000	90,316,000	0.1
Mining	990,000	996,000	.6
Construction	4,087,000	4,150,000	1.5
Manufacturing	20,722,000	20,793,000	.3
Transportation and public utilities	5,127,000	5,143,000	.3
Wholesale and retail trade	20,068,000	20,226,000	.7
Finance, insurance, and real estate	5,090,000	5,085,000	-.1
Services	17,636,000	17,478,000	-.9
Government	16,533,000	16,445,000	-.5

on actual data through March of 1981 and projected data through March 1982. Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonal factors were not computed for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These series are not shown the original or unadjusted series are used in the aggregation to broader level seasonally adjusted series.

The seasonally adjusted data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such

employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

For labor turnover rates, seasonal adjustment factors are applied directly to the component series. These series are then aggregated to obtain total levels (total accessions and total separations). These factors are derived by the X-11 ARIMA method using the trading day option except for recalls. As a result these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

COMPARABILITY OF DATA WITH OTHER SERIES

Current Population Survey

Data based on household interviews are obtained from a sample survey of the population. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides a comprehensive measure of the labor force, i.e., the total number of persons 16 years of age and over who are employed or unemployed. It also provides data on their personal and economic characteristics such as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The information is collected by trained interviewers from a sample of about 60,000 households throughout the country and is based on the activity or status reported for the calendar week including the 12th of the month. These data are published monthly in *Employment and Earnings*.

Data from payroll reports and household interviews differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. For a comprehensive discussion of these differences, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969. Reprints of this article are available upon request from the Bureau of Labor Statistics.

Some specific factors which have a differential effect on levels and trends of the two series are described as follows:

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises.

Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Population undercounting. The decennial census population undercounts have a significant effect on the labor force and employment estimates in the household survey, which is directly related to the census of population. In particular, undercounting leads to a substantial understatement of employment levels, introducing a major discrepancy when these data are related to other time series, including the establishment employment figures. For a detailed discussion of this problem, see the article, "Effects of the Census Undercount on Labor Force Estimates," by Denis F. Johnston and James R. Wetzel in the March 1969 issue of the *Monthly Labor Review*.

Multiple jobholding. The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. Payroll reports include persons on leave which is paid for by the company and exclude those on leave without pay for the entire payroll period.

Hours of work. The household survey measures hours actually worked, whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are ex-

cluded from the hours distributions and the computations of average hours. In the payroll survey, employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

County Business Patterns

Data in *County Business Patterns*, published by the Bureau of the Census, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences also may arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs

Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities which had not been covered previously. However, certain activities, such as interstate railroads, unpaid members of religious orders working in parochial schools, and churches are not covered by unemployment insurance whereas these are included in BLS establishment statistics. Beginning in January 1978, coverage was extended to include almost all State and local government employees.

Statistics on manufactures and business, Bureau of the Census

BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

Table F. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover

Item	Basic estimating cells (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups, and where stratified, individual cells)
Monthly data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. ¹	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees.	All-employee estimate for current month multiplied by (1) estimated ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. ²	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers. ²	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers. ²	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours. ²	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	The number of particular actions (e.g., quits) in reporting firms divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
Annual average data		
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total of aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	Annual average aggregate (of each labor turnover action) divided by annual average employment.	Annual average aggregate (of each labor turnover action) divided by annual average employment.

¹The estimates result from multiplying the product shown by business birth adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample.

²The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by a wedging technique designed to compensate for

changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and, at the same time, tapers or wedges the estimate toward the level of the latest sample average.

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Bureau of Labor Statistics**

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