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# SUMMARY OF MANUFACTURING PRODUCTION WORKERS EARNINGS SERIES, 1939-68

May 1969

UNITED STATES DEPARTMENT OF LABOR



# SUMMARY OF MANUFACTURING PRODUCTION WORKERS EARNINGS SERIES, 1939-68



May 1969

UNITED STATES DEPARTMENT OF LABOR / George P. Shultz, Secretary  
BUREAU OF LABOR STATISTICS / Geoffrey H. Moore, Commissioner

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## Preface

This summary presents in tabular form selected trends in earnings and hours of production workers in manufacturing. On tables 5 and 6 the Consumer Price Index is shown. This bulletin includes one series—hourly earnings excluding premium pay for overtime and the effect of interindustry employment shifts—that is not published elsewhere by the Bureau. Supplements will be issued semiannually.

The series was first published in 1953; its format was changed in 1962. This issue of the summary differs from its predecessors in two important respects: (1) Beginning January 1959, separate data is added for the durable and nondurable goods sectors to those for all manufacturing, and (2) the weighting system was revised for the index of average hourly earnings excluding the effects of overtime and the effects of interindustry employment shifts. The new procedure, described in appendix A, has resulted in small changes in the index for a few months; generally, the changes are not more than 1-index point. In addition, this issue of the summary provides monthly data for all manufacturing beginning with January 1947; previous editions provided such data only for the months since January 1959. The added months have been provided to facilitate the analysis of trends during the post-World War II period.

This bulletin was prepared in the Bureau's Division of Trends in Employee Compensation by H. Charles Spring.



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## Summary of Manufacturing Production Workers Earnings Series, 1939-68

### Summary

Hourly earnings have increased in each year since 1939, although the rate of advance has been influenced by factors such as the imposition and relaxation of wage-price controls, changes in the rate of unemployment, the rate of increase in productivity, and the rate of change in prices paid by consumers. Except in a few months, average hourly earnings excluding premium pay for overtime have increased faster than the Consumer Price Index.

From 1939 to about 1958, earnings in manufacturing excluding the effects of premium pay for overtime and shifts in employment among industries rose at an annual rate of about 5.7 percent; in only a few years did the rate fall below 5 percent. From about 1958 to 1966, the rise in earnings slackened—it amounted to about 3 percent or less a year. In each of the 3 years from 1966 to 1968, the rate of increase accelerated substantially; it advanced by 3.9 percent in 1966, 5.2 percent in 1967, and 6.5 percent in 1968.

Separate indexes of changes in average hourly earnings excluding premium pay for overtime and the effects of interindustry employment shifts for durable and nondurable goods industries are available only since 1959. After this time hourly earnings in the nondurable goods industries have risen slightly faster than in the durable goods industries. (Data on gross hourly earnings for earlier years indicate that during the 1940's earnings in the nondurable goods industries also increased more rapidly than in durable goods manufacturing but that during the decade of the 1950's pay in nondurable goods industries lagged.)

Because a substantial portion of the employment in the nondurable goods sector is concentrated in the textile and apparel industries,<sup>1</sup> earnings trends in these groups greatly affect the nondurable goods index. Since 1963, nonunionized workers, who account for the vast majority of those in the textile industry, have received increases about every 9 or 10 months and the changes for unionized workers

also have become more frequent. Earnings of apparel workers also have increased more rapidly since 1965 than in earlier years.

Changes in average hourly earnings in the durable goods sector are influenced appreciably by developments in the automobile and basic steel industries. This influence is illustrated by behavior of the earnings series in August, September, or October of most recent years. Annual improvement-factor wage increases, frequently combined with cost-of-living escalator adjustments, normally go into effect in the fall. Wage increases put into effect under basic steel contracts were reflected in the advance in durable goods average hourly earnings in September 1966. In some years strikes at the time of new contract negotiations have affected earnings. The September 1964 automobile industry strike and the August 1965 basic steel strike reduced average hourly earnings.

The following tabulates separately for the years since 1959 the percentage increase in earnings excluding the effects of premium pay for overtime and interindustry employment shifts in durable and nondurable goods industries; indexes excluding the effects of interindustry employment shifts and premium pay for overtime for these two major manufacturing components are not available for earlier years.

Year	All manu- facturing	Durable goods	Nondurable goods
1959 -----	2.9	NA	NA
1960 -----	3.2	3.2	3.2
1961 -----	2.8	2.5	3.1
1962 -----	2.2	2.3	2.2
1963 -----	2.8	2.6	3.2
1964 -----	2.1	1.8	2.6
1965 -----	3.0	2.9	3.1
1966 -----	3.9	4.0	3.9
1967 -----	5.2	4.8	5.6
1968 -----	6.6	6.8	6.5

<sup>1</sup> Apparel and textile employment accounts for 35.4 percent of all nondurable goods employment. See appendixes A and B.

Table 1. Average Hourly Earnings and Weekly Hours of Production Workers in Manufacturing Industries, Selected Periods, 1941-68

(Indexes, 1957-59 = 100)

Period	Average hourly earnings					Average weekly hours Total	Period	Average hourly earnings					Average weekly hours Total
	Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts			Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts	
	Amount	Index	Amount	Index	Index			Amount	Index	Amount	Index	Index	
1941:							1950:						
January .....	\$0.676	31.9	\$0.654	31.9	32.8	39.0	January .....	\$1.395	65.8	\$1.36	66.3	66.7	39.7
April .....	.696	32.8	.669	32.6	33.4	40.1	February .....	1.398	65.9	1.36	66.3	67.0	39.7
1942:							March .....	1.401	66.1	1.36	66.3	67.0	39.7
April .....	.817	38.5	.765	37.3	37.5	42.7	April .....	1.410	66.5	1.37	66.8	67.2	39.7
October .....	.888	41.9	.826	40.3	39.5	43.7	May .....	1.418	66.9	1.37	66.8	67.3	39.9
1943:							June .....	1.428	67.4	1.38	67.3	67.5	40.4
April .....	.940	44.3	.865	42.2	40.8	45.1	July .....	1.435	67.7	1.39	67.8	68.0	40.5
1944:							August .....	1.438	67.8	1.38	67.3	68.0	41.1
April .....	1.006	47.5	.928	45.3	43.7	45.0	September .....	1.453	68.5	1.40	68.3	68.8	40.9
1945:							October .....	1.474	69.5	1.42	69.3	69.5	41.2
January .....	1.037	48.9	.955	46.6	45.3	45.4	November .....	1.488	70.2	1.43	69.8	70.2	41.1
April .....	1.035	48.8	.956	46.6	45.5	45.2	December .....	1.517	71.6	1.45	70.7	71.1	41.4
September .....	.975	46.0	.932	45.5	46.4	41.3	1951:						
1946:							January .....	1.53	72.2	1.47	71.7	71.8	40.9
February .....	.989	46.7	.953	46.5	48.3	40.4	February .....	1.53	72.2	1.48	72.2	72.2	40.8
April .....	1.046	49.3	1.008	49.2	50.4	40.4	March .....	1.54	72.6	1.48	72.2	72.3	41.0
July .....	1.081	51.0	1.048	51.1	52.4	39.6	April .....	1.55	73.1	1.49	72.7	72.6	40.8
1947:							May .....	1.56	73.6	1.50	73.2	73.0	40.6
January .....	1.156	54.5	1.12	54.6	54.8	40.6	June .....	1.57	74.1	1.51	73.7	73.6	40.7
February .....	1.166	55.0	1.13	55.1	55.4	40.4	July .....	1.57	74.1	1.51	73.7	74.0	40.2
March .....	1.176	55.5	1.14	55.6	55.8	40.4	August .....	1.56	73.6	1.51	73.7	74.0	40.3
April .....	1.183	55.8	1.15	56.1	56.1	40.1	September .....	1.58	74.5	1.52	74.1	74.5	40.6
May .....	1.204	56.8	1.17	57.1	57.1	40.2	October .....	1.58	74.5	1.53	74.6	74.6	40.4
June .....	1.223	57.7	1.18	57.6	57.9	40.3	November .....	1.60	75.5	1.54	75.1	75.1	40.4
July .....	1.228	57.9	1.19	58.0	58.7	39.9	December .....	1.61	75.9	1.54	75.1	75.2	41.1
August .....	1.233	58.2	1.20	58.5	59.1	39.9	1952:						
September .....	1.245	58.7	1.20	58.5	59.4	40.4	January .....	1.61	75.9	1.55	75.6	75.5	40.7
October .....	1.252	59.1	1.21	59.0	59.5	40.6	February .....	1.62	76.4	1.56	76.1	75.9	40.7
November .....	1.263	59.6	1.22	59.5	60.0	40.5	March .....	1.63	76.9	1.57	76.6	76.4	40.6
December .....	1.274	60.1	1.22	59.5	60.0	41.2	April .....	1.63	76.9	1.58	77.1	76.7	39.7
1948:							May .....	1.63	76.9	1.58	77.1	76.6	40.1
January .....	1.282	60.5	1.24	60.5	60.7	40.5	June .....	1.63	76.9	1.57	76.6	76.9	40.5
February .....	1.288	60.8	1.25	61.0	61.2	40.2	July .....	1.62	76.4	1.57	76.6	77.3	39.8
March .....	1.291	60.9	1.25	61.0	61.2	40.3	August .....	1.64	77.4	1.59	77.6	77.8	40.5
April .....	1.293	61.0	1.25	61.5	61.4	40.0	September .....	1.67	78.8	1.60	78.0	78.3	41.2
May .....	1.303	61.5	1.27	62.0	62.0	39.9	October .....	1.68	79.2	1.61	78.5	78.5	41.3
June .....	1.318	62.2	1.28	62.4	62.7	40.1	November .....	1.69	79.7	1.62	79.0	79.1	41.1
July .....	1.333	62.9	1.30	63.4	63.7	39.7	December .....	1.70	80.2	1.63	79.5	79.2	41.6
August .....	1.350	63.7	1.31	63.9	64.4	40.1	1953:						
September .....	1.361	64.2	1.32	64.4	65.2	39.8	January .....	1.71	80.7	1.65	80.5	79.9	41.0
October .....	1.366	64.4	1.32	64.4	65.1	40.0	February .....	1.72	81.1	1.66	81.0	80.3	40.9
November .....	1.374	64.8	1.33	64.9	65.3	39.8	March .....	1.73	81.6	1.66	81.0	80.5	41.1
December .....	1.377	65.0	1.34	65.4	65.3	40.0	April .....	1.73	81.6	1.67	81.5	80.7	40.7
1949:							May .....	1.73	81.6	1.67	81.5	80.9	40.6
January .....	1.382	65.2	1.35	65.9	65.7	39.4	June .....	1.74	82.1	1.68	82.0	81.3	40.7
February .....	1.379	65.0	1.34	65.4	65.7	39.4	July .....	1.75	82.5	1.69	82.4	81.9	40.3
March .....	1.378	65.0	1.35	65.9	65.8	39.0	August .....	1.74	82.1	1.68	82.0	81.9	40.5
April .....	1.378	65.0	1.35	65.9	66.0	38.3	September .....	1.76	83.0	1.71	83.4	83.1	39.9
May .....	1.377	65.0	1.35	65.9	66.0	38.5	October .....	1.76	83.0	1.70	82.9	82.7	40.3
June .....	1.380	65.1	1.35	65.9	66.2	38.8	November .....	1.76	83.0	1.71	83.4	83.1	39.9
July .....	1.383	65.2	1.35	65.9	66.4	38.8	December .....	1.77	83.5	1.71	83.4	83.2	40.1
August .....	1.373	64.8	1.34	65.4	66.2	39.1	1954:						
September .....	1.382	65.2	1.34	65.4	66.3	39.6	January .....	1.78	84.0	1.73	84.4	83.7	39.4
October .....	1.366	64.4	1.33	64.9	66.0	39.7	February .....	1.77	83.5	1.72	83.9	83.7	39.6
November .....	1.367	64.5	1.33	64.9	66.2	39.1	March .....	1.77	83.5	1.72	83.9	83.8	39.4
December .....	1.384	65.3	1.35	65.9	66.4	39.8	April .....	1.77	83.5	1.73	84.4	83.9	39.0

Table 1. Average Hourly Earnings and Weekly Hours of Production Workers in Manufacturing Industries, Selected Periods, 1941-68—Continued

(Indexes, 1957-59 = 100)

Period	Average hourly earnings					Average weekly hours	Period	Average hourly earnings					Average weekly hours	Overtime <sup>1</sup>						
	Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts			Gross	Excluding overtime		Excluding the effects of overtime and interindustry employment shifts									
	Amount	Index	Amount	Index					Index	Amount		Index			Amount	Index	Index	Total		
1954—Continued																				
May	\$ 1.78	84.0	\$ 1.73	84.4	84.2	39.3	1959: January	\$ 2.17	102.4	\$ 2.11	102.5	102.3	39.9	2.3						
June	1.78	84.0	1.73	84.4	84.2	39.5	February	2.17	102.4	2.11	102.7	102.5	39.9	2.4						
July	1.77	83.5	1.73	84.4	84.2	39.4	March	2.19	103.3	2.12	103.3	102.8	40.2	2.6						
August	1.76	83.0	1.72	83.9	84.1	39.7	April	2.20	103.8	2.13	103.6	103.0	40.3	2.6						
September	1.78	84.0	1.73	84.4	85.0	39.7	May	2.20	103.8	2.13	103.8	103.1	40.5	2.8						
October	1.78	84.0	1.73	84.4	85.0	39.8	June	2.21	104.2	2.13	103.8	103.3	40.7	2.9						
November	1.80	84.9	1.74	84.9	85.1	40.2	July	2.21	104.2	2.13	103.8	103.5	40.2	2.8						
December	1.81	85.4	1.75	85.4	85.0	40.5	August	2.16	101.9	2.09	101.6	103.4	40.5	3.0						
1955:																				
January	1.82	85.8	1.76	85.9	85.4	40.2	September	2.19	103.3	2.11	102.7	104.1	40.3	3.0						
February	1.82	85.8	1.76	85.9	85.6	40.4	October	2.18	102.8	2.11	102.7	104.0	40.2	2.8						
March	1.82	85.8	1.76	85.9	85.4	40.6	November	2.20	103.8	2.13	103.7	104.2	39.9	2.6						
April	1.84	86.8	1.77	86.3	85.9	40.2	December	2.24	105.7	2.17	105.4	105.1	40.5	2.7						
May	1.85	87.3	1.78	86.8	86.1	40.7	1960:													
June	1.84	86.5	1.78	86.8	86.4	40.6	January	2.26	106.6	2.19	106.5	105.4	40.3	2.8						
July	1.86	87.7	1.80	87.8	87.1	40.4	February	2.26	106.6	2.19	106.5	105.7	39.8	2.6						
August	1.85	87.3	1.79	87.3	87.2	40.6	March	2.26	106.6	2.19	106.8	106.0	39.7	2.5						
September	1.88	88.7	1.81	88.3	87.9	40.9	April	2.25	106.1	2.19	106.7	106.2	39.4	2.2						
October	1.88	88.7	1.81	88.3	88.2	41.1	May	2.26	106.6	2.19	106.6	106.3	40.0	2.5						
November	1.90	89.6	1.83	89.3	88.5	41.2	June	2.26	106.6	2.19	106.7	106.6	40.1	2.5						
December	1.90	89.6	1.83	89.3	88.5	41.3	July	2.26	106.6	2.19	106.8	106.9	39.9	2.4						
1956:																				
January	1.91	90.1	1.84	89.8	89.2	40.6	August	2.25	106.1	2.18	106.0	106.9	39.8	2.5						
February	1.90	89.6	1.84	89.8	89.3	40.4	September	2.27	107.1	2.20	107.0	107.6	39.6	2.5						
March	1.92	90.6	1.86	90.7	90.1	40.3	October	2.27	107.1	2.20	107.1	107.5	39.7	2.5						
April	1.94	91.5	1.87	91.2	90.7	40.3	November	2.27	107.1	2.21	107.5	107.8	39.3	2.2						
May	1.94	91.5	1.88	91.7	90.9	40.0	December	2.29	108.0	2.23	108.6	108.5	38.6	2.1						
June	1.95	92.0	1.89	92.2	91.4	40.1	1961:													
July	1.94	91.5	1.88	91.7	91.5	40.1	January	2.29	108.0	2.23	108.8	108.8	38.9	1.9						
August	1.95	92.0	1.89	92.2	91.9	40.2	February	2.28	107.5	2.23	108.6	108.8	39.0	1.9						
September	1.98	93.4	1.91	93.2	92.7	40.7	March	2.29	108.0	2.23	108.8	109.1	39.1	2.0						
October	1.99	93.9	1.92	93.7	93.1	40.7	April	2.30	108.5	2.25	109.3	109.4	39.3	2.1						
November	2.00	94.3	1.93	94.1	93.6	40.5	May	2.31	109.0	2.25	109.7	109.6	39.7	2.2						
December	2.02	95.3	1.95	95.1	94.0	41.0	June	2.32	109.4	2.25	109.5	109.6	40.1	2.4						
1957:																				
January	2.02	95.3	1.96	95.6	94.3	40.2	July	2.32	109.4	2.25	109.8	109.9	40.0	2.5						
February	2.02	95.3	1.96	95.6	94.6	40.2	August	2.31	109.0	2.24	109.8	109.8	40.2	2.6						
March	2.03	95.8	1.97	96.1	95.0	40.1	September	2.32	109.4	2.25	109.4	110.1	39.8	2.8						
April	2.03	95.8	1.97	96.1	95.2	39.8	October	2.34	110.4	2.26	110.0	110.7	40.4	2.8						
May	2.03	95.8	1.98	96.6	95.5	39.7	November	2.36	111.3	2.28	110.8	111.1	40.6	2.9						
June	2.04	96.2	1.98	96.6	96.0	40.0	December	2.37	111.8	2.29	111.6	111.5	40.6	2.9						
July	2.05	96.7	1.99	97.1	96.3	39.8	1962:													
August	2.04	96.2	1.98	96.6	96.7	40.0	January	2.38	112.3	2.31	112.3	111.9	39.7	2.6						
September	2.06	97.2	1.99	97.1	97.0	39.9	February	2.37	111.8	2.30	112.1	111.8	40.0	2.5						
October	2.06	97.2	2.01	98.0	97.5	39.5	March	2.38	112.3	2.30	112.1	112.0	40.3	2.6						
November	2.08	98.1	2.02	98.5	98.0	39.3	April	2.39	112.7	2.31	112.5	112.3	40.4	2.7						
December	2.08	98.1	2.03	99.0	98.3	39.4	May	2.39	112.7	2.31	112.3	112.3	40.5	2.8						
1958:																				
January	2.08	98.1	2.04	99.5	98.8	38.6	June	2.39	112.7	2.30	112.1	112.4	40.7	2.9						
February	2.08	98.1	2.03	99.0	99.0	38.4	July	2.38	112.3	2.30	112.2	112.6	40.5	2.8						
March	2.08	98.1	2.04	99.5	99.3	38.5	August	2.37	111.8	2.29	111.5	112.6	40.4	2.8						
April	2.09	98.6	2.04	99.5	99.5	38.3	September	2.39	112.7	2.31	112.4	113.2	40.7	3.0						
May	2.09	98.6	2.05	100.0	99.8	38.6	October	2.40	113.2	2.31	112.7	113.3	40.3	2.8						
June	2.10	99.1	2.05	100.0	100.0	39.2	November	2.41	113.7	2.33	113.4	113.6	40.4	2.9						
July	2.10	99.1	2.05	100.0	100.5	39.2	December	2.43	114.6	2.34	114.1	114.0	40.5	2.9						
August	2.10	99.1	2.04	99.5	100.3	39.6	1963:													
September	2.12	100.0	2.05	100.0	100.8	39.8	January	2.43	114.6	2.35	114.6	114.3	40.1	2.5						
October	2.11	99.5	2.05	100.0	100.6	39.7	February	2.43	114.6	2.36	114.7	114.5	40.0	2.5						
November	2.15	101.4	2.08	101.5	101.6	39.9	March	2.44	115.1	2.36	114.9	114.8	40.2	2.6						
December	2.17	102.4	2.10	102.4	102.1	40.2	April	2.44	115.1	2.37	115.5	115.0	39.9	2.4						
1959:																				
January	2.17	102.4	2.11	102.7	102.5	39.9	May	2.45	115.6	2.37	115.4	115.0	40.5	2.8						
February	2.17	102.4	2.11	102.7	102.5	39.9	June	2.46	116.0	2.37	115.5	115.2	40.8	3.0						
March	2.19	103.3	2.12	103.3	102.8	40.2	July	2.46	116.0	2.37	115.5	115.3	40.5	2.9						
April	2.20	103.8	2.13	103.6	103.0	40.3	August	2.43	114.6	2.35	114.4	115.3	40.5	2.9						

See footnote at end of table.

Table 1. Average Hourly Earnings and Weekly Hours of Production Workers in Manufacturing Industries, Selected Periods, 1941-68—Continued

(Indexes, 1957-59 = 100)

Period	Average hourly earnings					Average weekly hours		Period	Average hourly earnings					Average weekly hours	
	Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts				Gross	Excluding overtime		Excluding the effects of overtime and interindustry employment shifts			
	Amount	Index	Amount	Index						Index	Amount		Index		
1963—Continued						Total	Overtime <sup>1</sup>	1966—Continued						Total	Overtime <sup>1</sup>
September	\$ 2.47	116.5	\$ 2.38	115.9	116.3	40.7	3.1	April	\$ 2.70	127.4	\$ 2.58	125.6	124.7	41.2	3.9
October	2.47	116.5	2.38	115.9	116.5	40.8	3.0	May	2.71	127.8	2.58	125.7	124.9	41.5	4.0
November	2.49	117.5	2.40	117.0	116.8	40.5	3.0	June	2.71	127.8	2.58	125.9	125.2	41.6	4.0
December	2.51	118.4	2.42	117.7	117.2	40.9	3.1	July	2.71	127.8	2.59	126.0	125.3	41.1	3.9
1964:								August	2.70	127.4	2.58	125.4	125.5	41.4	4.0
January	2.51	118.4	2.43	118.3	117.5	39.8	2.7	September	2.75	129.7	2.61	127.3	126.8	41.5	4.2
February	2.50	117.9	2.42	117.8	117.6	40.3	2.7	October	2.75	129.7	2.62	127.7	127.1	41.4	4.1
March	2.51	118.4	2.43	118.3	117.8	40.4	2.8	November	2.76	130.2	2.64	128.4	127.6	41.3	3.9
April	2.52	118.9	2.43	118.3	118.1	40.5	2.9	December	2.77	130.7	2.65	129.2	128.1	41.3	3.7
May	2.53	119.3	2.44	118.8	118.2	40.7	3.0	1967:							
June	2.53	119.3	2.43	118.3	118.2	41.0	3.2	January	2.78	131.1	2.67	130.0	128.9	40.8	3.4
July	2.53	119.3	2.43	118.3	118.4	40.7	3.0	February	2.79	131.6	2.68	130.5	129.5	40.1	3.2
August	2.52	118.9	2.42	117.8	118.4	40.9	3.3	March	2.79	131.6	2.69	130.8	129.8	40.3	3.2
September	2.56	120.8	2.46	119.8	119.3	40.7	3.5	April	2.80	132.1	2.70	131.4	130.4	40.2	3.1
October	2.52	118.9	2.42	117.8	118.7	40.8	3.3	May	2.81	132.5	2.70	131.7	130.6	40.5	3.2
November	2.55	120.3	2.45	119.3	119.2	40.9	3.3	June	2.82	133.0	2.71	131.8	131.0	40.6	3.3
December	2.58	121.7	2.47	120.3	119.7	41.5	3.6	July	2.82	133.0	2.71	132.1	131.4	40.3	3.2
1965:								August	2.82	133.0	2.71	131.9	131.7	40.6	3.4
January	2.58	121.7	2.48	121.0	120.1	40.9	3.3	September	2.85	134.4	2.73	132.8	132.6	41.0	3.7
February	2.59	122.2	2.49	121.0	120.3	41.0	3.3	October	2.85	134.4	2.73	132.8	133.0	40.8	3.5
March	2.59	122.2	2.49	121.2	120.5	41.2	3.5	November	2.88	135.8	2.76	134.3	133.9	40.8	3.4
April	2.60	122.6	2.50	121.8	120.8	40.7	3.1	December	2.91	137.3	2.79	135.8	134.7	41.1	3.6
May	2.61	123.1	2.50	121.7	121.0	41.2	3.5	1968:							
June	2.61	123.1	2.50	121.8	121.2	41.3	3.6	January	2.94	138.7	2.83	137.8	136.1	40.0	3.3
July	2.61	123.1	2.51	122.0	121.4	41.0	3.4	February	2.94	138.7	2.83	137.8	136.9	40.6	3.3
August	2.59	122.2	2.49	121.1	121.4	41.1	3.6	March	2.96	139.6	2.85	138.7	137.5	40.6	3.3
September	2.63	124.1	2.51	122.5	122.4	41.1	3.8	April	2.97	140.1	2.86	139.2	138.2	39.8	2.9
October	2.64	124.5	2.52	122.6	122.6	41.3	3.9	May	2.99	141.0	2.87	139.7	138.6	40.9	3.6
November	2.65	125.0	2.53	123.1	122.9	41.4	3.9	June	3.00	141.5	2.87	139.7	138.8	41.1	3.7
December	2.66	125.5	2.54	123.8	123.3	41.7	4.0	July	3.00	141.5	2.88	140.2	139.1	40.7	3.5
1966:								August	2.99	141.0	2.86	139.2	139.8	40.7	3.6
January	2.67	125.9	2.56	124.5	123.6	41.2	3.7	September	3.05	143.9	2.90	141.2	141.2	41.2	4.0
February	2.68	126.4	2.56	124.6	123.9	41.4	3.8	October	3.06	144.3	2.92	142.2	141.7	41.1	3.9
March	2.68	126.4	2.56	124.8	124.2	41.4	3.9	November	3.08	145.3	2.94	143.2	142.6	40.9	3.9
								December	3.11	146.7	2.97	144.6	143.6	41.1	3.9

<sup>1</sup> Data on overtime hours were not available on a monthly basis prior to 1959.

Table 2. Average Hourly Earnings and Weekly Hours of Production Workers in Durable and Nondurable Goods<sup>1</sup> Manufacturing Industries, Selected Periods, 1959-68

(Indexes, 1957-59 = 100)

Period	Average hourly earnings					Average weekly hours		Period	Average hourly earnings					Average weekly hours	
	Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts				Gross	Excluding overtime		Excluding the effects of overtime and interindustry employment shifts			
	Amount	Index	Amount	Index	Index	Amount	Index			Amount	Index	Index	Total	Overtime	
Durable goods <sup>1</sup>								Nondurable goods <sup>1</sup>							
1959:								1959:							
January	\$2.33	102.6	\$2.27	103.2	102.4	40.3	2.3	January	\$1.95	102.1	\$1.90	102.2	102.0	39.4	2.4
February	2.34	103.1	2.27	103.2	102.7	40.3	2.4	February	1.95	102.1	1.90	102.2	102.2	39.4	2.5
March	2.36	104.0	2.28	103.6	102.9	40.7	2.6	March	1.97	103.1	1.91	102.7	102.6	39.5	2.6
April	2.37	104.4	2.29	104.1	103.2	40.9	2.7	April	1.97	103.1	1.91	102.7	102.6	39.5	2.5
May	2.37	104.4	2.29	104.1	103.4	41.1	2.8	May	1.97	103.1	1.91	102.7	102.6	39.7	2.7
June	2.38	104.8	2.30	104.5	103.7	41.4	3.0	June	1.97	103.1	1.91	102.7	102.7	39.9	2.8
July	2.37	104.4	2.29	104.1	103.8	40.5	2.8	July	1.99	104.2	1.92	103.2	103.1	39.9	2.8
August	2.32	102.2	2.24	101.8	103.5	40.8	3.0	August	1.97	103.1	1.90	102.2	103.2	40.1	2.9
September	2.34	103.1	2.26	102.7	104.2	40.7	3.0	September	2.00	104.7	1.93	103.8	104.1	39.8	3.1
October	2.34	103.1	2.26	102.7	104.1	40.8	2.9	October	1.99	104.2	1.92	103.2	103.8	39.6	2.8
November	2.36	104.0	2.29	104.1	104.3	41.0	2.5	November	2.00	104.7	1.93	103.8	104.2	39.7	2.7
December	2.41	106.2	2.33	105.9	105.3	41.0	2.8	December	2.01	105.2	1.95	104.8	104.8	39.9	2.7
1960:								1960:							
January	2.43	107.0	2.35	106.8	105.5	40.9	2.9	January	2.02	105.8	1.96	105.4	105.3	39.4	2.6
February	2.43	107.0	2.35	106.8	105.8	40.3	2.7	February	2.03	106.3	1.96	105.4	105.5	39.1	2.5
March	2.43	107.0	2.36	107.3	106.1	40.2	2.5	March	2.03	106.3	1.97	105.9	105.9	38.9	2.5
April	2.41	106.2	2.35	106.8	106.3	40.0	2.1	April	2.04	106.8	1.98	106.5	106.0	38.7	2.3
May	2.42	106.6	2.35	106.8	106.4	40.4	2.4	May	2.04	106.8	1.98	106.5	106.1	39.5	2.5
June	2.42	106.6	2.35	106.8	106.7	40.0	2.4	June	2.05	107.3	1.98	106.5	106.4	39.6	2.6
July	2.42	106.6	2.35	106.8	107.0	40.0	2.3	July	2.06	107.9	1.99	107.0	106.9	39.7	2.6
August	2.41	106.2	2.34	106.4	106.9	40.0	2.4	August	2.04	106.8	1.98	106.5	106.9	39.6	2.6
September	2.44	107.5	2.36	107.3	107.7	40.0	2.5	September	2.06	107.9	1.99	107.0	107.5	39.2	2.6
October	2.43	107.0	2.36	107.3	107.5	40.2	2.5	October	2.06	107.9	2.00	107.5	107.6	39.1	2.5
November	2.43	107.0	2.37	107.7	107.7	39.6	2.1	November	2.07	108.4	2.01	108.1	107.8	38.8	2.3
December	2.46	108.4	2.39	108.6	108.7	39.1	2.0	December	2.09	109.4	2.03	109.1	108.2	38.1	2.2
1961:								1961:							
January	2.45	107.9	2.39	108.6	108.7	39.3	1.8	January	2.09	109.4	2.04	109.7	108.9	38.5	2.1
February	2.45	107.9	2.39	108.6	108.8	39.3	1.8	February	2.09	109.4	2.03	109.1	108.9	38.5	2.1
March	2.45	107.9	2.40	109.1	109.1	39.5	1.8	March	2.09	109.4	2.04	109.7	109.2	38.7	2.2
April	2.47	108.8	2.41	109.5	109.4	39.8	2.0	April	2.10	109.9	2.04	109.7	109.3	38.7	2.2
May	2.48	109.3	2.42	110.0	109.7	40.2	2.1	May	2.11	110.5	2.04	109.7	109.5	39.0	2.3
June	2.48	109.3	2.42	110.0	109.8	40.6	2.3	June	2.11	110.5	2.04	109.7	109.4	39.6	2.6
July	2.49	109.7	2.42	110.0	109.9	40.3	2.3	July	2.12	110.0	2.05	110.2	109.7	39.7	2.6
August	2.48	109.7	2.41	109.5	109.8	40.5	2.5	August	2.10	109.9	2.03	109.1	109.8	39.8	2.8
September	2.49	109.7	2.41	109.5	109.8	40.1	2.7	September	2.12	111.0	2.05	110.2	110.6	39.4	2.8
October	2.51	110.6	2.43	110.5	110.5	40.9	2.7	October	2.13	111.5	2.05	110.2	110.9	39.7	2.9
November	2.53	111.5	2.47	111.4	111.0	41.1	2.9	November	2.13	111.5	2.06	110.8	111.1	39.9	2.8
December	2.55	112.3	2.46	111.8	111.4	41.3	3.0	December	2.14	112.0	2.07	111.3	111.6	39.8	2.7
1962:								1962:							
January	2.56	112.8	2.48	112.7	111.7	40.3	2.6	January	2.16	113.1	2.09	112.4	112.1	39.0	2.5
February	2.55	112.3	2.47	112.3	111.7	40.6	2.5	February	2.15	112.6	2.08	111.8	112.1	39.2	2.5
March	2.55	112.3	2.47	112.3	111.7	40.8	2.7	March	2.15	112.6	2.08	111.8	112.4	39.5	2.6
April	2.56	112.8	2.48	112.7	112.2	41.1	2.7	April	2.16	113.1	2.09	112.4	112.5	39.6	2.6
May	2.55	112.3	2.47	112.3	112.1	41.1	2.8	May	2.16	113.1	2.09	112.4	112.5	39.8	2.8
June	2.55	112.3	2.47	112.3	112.2	41.2	3.0	June	2.17	113.6	2.09	112.4	112.6	40.1	2.9
July	2.55	112.3	2.47	112.3	112.4	40.8	2.8	July	2.17	113.6	2.10	112.9	112.8	40.0	2.8
August	2.54	111.9	2.45	111.4	112.3	40.9	2.8	August	2.16	113.1	2.09	112.4	113.0	39.9	2.7
September	2.57	113.2	2.48	112.7	113.0	41.2	3.1	September	2.17	113.6	2.10	112.9	113.4	40.0	2.9
October	2.57	113.2	2.48	112.7	113.2	41.0	2.9	October	2.17	113.6	2.10	112.9	113.5	39.4	2.7
November	2.59	114.1	2.50	113.6	113.5	41.0	3.0	November	2.19	114.7	2.11	113.4	113.7	39.6	2.7
December	2.61	115.0	2.51	114.1	114.0	41.2	3.1	December	2.19	114.7	2.12	114.0	114.0	39.7	2.6
1963:								1963:							
January	2.60	114.5	2.52	114.5	114.2	40.8	2.6	January	2.20	115.2	2.13	114.5	114.5	39.2	2.4
February	2.61	115.0	2.53	115.0	114.4	40.7	2.6	February	2.20	115.2	2.13	114.5	114.6	39.2	2.5
March	2.61	115.0	2.53	115.0	114.7	40.7	2.7	March	2.21	115.7	2.14	115.1	115.0	39.4	2.6
April	2.62	115.4	2.54	115.5	115.0	40.6	2.5	April	2.21	115.7	2.15	115.6	115.1	38.9	2.4
May	2.63	115.9	2.54	115.5	115.0	41.2	2.9	May	2.21	115.7	2.14	115.1	115.0	39.6	2.6
June	2.64	116.3	2.54	115.5	115.1	41.6	3.2	June	2.22	116.2	2.14	115.1	115.3	39.9	2.8

See footnote at end of table.

Table 2. Average Hourly Earnings and Weekly Hours of Production Workers in Durable and Nondurable Goods<sup>1</sup> Manufacturing Industries, Selected Periods, 1959-68—Continued

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(Indexes, 1957-59 = 100)															
Period	Average hourly earnings					Average weekly hours		Period	Average hourly earnings					Average weekly hours	
	Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts				Gross	Excluding overtime		Excluding the effects of overtime and interindustry employment shifts			
	Amount	Index	Amount	Index	Index	Total	Overtime		Amount	Index	Amount	Index	Index	Total	Overtime
Durable goods <sup>1</sup>							Nondurable goods <sup>1</sup>								
1963—Continued							1963—Continued								
July	\$2.63	115.9	\$2.54	115.5	115.2	41.1	2.9	July	\$2.22	116.2	\$2.15	115.6	115.4	39.8	2.8
August	2.61	115.0	2.52	114.5	115.1	41.0	3.0	August	2.21	115.7	2.13	114.5	115.6	40.0	2.8
September	2.65	116.7	2.55	115.9	116.0	41.3	3.2	September	2.24	117.3	2.16	116.1	116.9	39.9	3.0
October	2.65	116.7	2.56	116.4	116.2	41.4	3.2	October	2.24	117.3	2.16	116.1	116.8	39.9	2.9
November	2.67	117.6	2.57	116.8	116.6	41.2	3.2	November	2.25	117.8	2.18	117.2	117.2	39.7	2.8
December	2.69	118.5	2.58	117.3	117.0	41.6	3.3	December	2.26	118.3	2.19	117.7	117.6	39.9	2.8
1964:							1964:								
January	2.68	118.1	2.59	117.7	117.1	40.6	2.9	January	2.28	119.4	2.20	118.3	118.1	38.8	2.5
February	2.68	118.1	2.59	117.7	117.2	41.0	2.8	February	2.27	118.8	2.19	117.7	118.3	39.4	2.6
March	2.68	118.1	2.59	117.7	117.4	41.1	2.9	March	2.27	118.8	2.20	118.3	118.5	39.5	2.6
April	2.70	118.9	2.60	118.2	117.7	41.4	3.1	April	2.28	119.4	2.21	118.8	118.7	39.5	2.7
May	2.70	118.9	2.60	118.2	117.9	41.5	3.2	May	2.29	119.9	2.21	118.8	118.6	39.7	2.8
June	2.71	119.4	2.60	118.2	117.9	41.8	3.4	June	2.29	119.9	2.20	118.3	118.6	39.9	2.9
July	2.70	118.9	2.60	118.2	118.1	41.3	3.2	July	2.29	119.9	2.21	118.8	118.9	39.9	2.9
August	2.70	118.9	2.59	117.7	118.0	41.6	3.5	August	2.28	119.4	2.20	118.3	119.1	40.1	3.1
September	2.74	120.7	2.62	119.1	118.8	41.6	3.7	September	2.32	121.5	2.23	119.9	120.1	39.6	3.2
October	2.69	118.5	2.58	117.3	117.9	41.3	3.4	October	2.30	120.4	2.21	118.8	119.9	40.0	3.1
November	2.73	120.3	2.61	118.6	118.5	41.7	3.5	November	2.31	120.9	2.23	119.9	120.3	39.9	3.0
December	2.76	121.6	2.64	120.0	119.1	42.4	4.0	December	2.32	121.5	2.24	120.4	120.6	40.3	3.1
1965:							1965:								
January	2.76	121.6	2.65	120.5	119.4	41.8	3.6	January	2.33	122.0	2.25	121.0	121.3	39.7	2.8
February	2.77	122.0	2.65	120.5	119.7	41.8	3.7	February	2.33	122.0	2.25	121.0	121.5	39.8	2.9
March	2.78	122.5	2.66	120.9	119.9	42.1	3.8	March	2.34	122.5	2.25	121.0	121.6	40.0	3.0
April	2.78	122.5	2.67	121.4	120.2	41.7	3.5	April	2.34	122.5	2.26	121.5	121.8	39.4	2.7
May	2.79	122.9	2.67	121.4	120.5	42.1	3.9	May	2.35	123.0	2.26	121.5	122.0	40.0	3.1
June	2.79	122.9	2.67	121.4	120.6	42.2	4.0	June	2.35	123.0	2.26	121.5	122.2	40.2	3.2
July	2.79	122.9	2.67	121.4	120.7	41.7	3.7	July	2.36	123.6	2.28	122.6	122.6	40.2	3.1
August	2.77	122.0	2.65	120.5	120.5	41.7	3.8	August	2.36	123.6	2.27	122.0	122.8	40.3	3.3
September	2.81	123.8	2.68	121.8	121.6	41.7	4.0	September	2.38	124.6	2.29	123.1	123.8	40.2	3.5
October	2.82	124.2	2.68	121.8	121.9	42.1	4.2	October	2.38	124.6	2.28	122.6	123.6	40.2	3.5
November	2.83	124.7	2.69	122.3	122.2	42.2	4.3	November	2.39	125.1	2.29	123.1	123.9	40.3	3.4
December	2.84	125.1	2.70	122.7	122.6	42.6	4.4	December	2.40	125.7	2.31	124.2	124.4	40.4	3.4
1966:							1966:								
January	2.85	125.6	2.72	123.6	123.0	42.1	4.1	January	2.40	125.7	2.31	124.2	124.7	39.8	3.1
February	2.86	126.0	2.72	123.6	123.1	42.2	4.2	February	2.41	126.2	2.31	124.2	125.2	40.2	3.3
March	2.87	126.4	2.73	124.1	123.5	42.2	4.3	March	2.41	126.2	2.32	124.7	125.3	40.2	3.3
April	2.88	126.9	2.74	124.5	124.0	42.2	4.3	April	2.43	127.2	2.33	125.3	125.9	39.9	3.3
May	2.88	126.9	2.74	124.5	124.2	42.3	4.4	May	2.43	127.2	2.34	125.8	126.0	40.3	3.4
June	2.89	127.3	2.75	125.0	124.5	42.3	4.4	June	2.45	128.3	2.34	125.8	126.5	40.5	3.5
July	2.88	126.9	2.75	125.0	124.5	41.6	4.1	July	2.46	128.8	2.35	126.3	126.6	40.3	3.5
August	2.88	126.9	2.74	124.5	124.7	42.0	4.3	August	2.45	128.3	2.34	125.8	127.0	40.5	3.5
September	2.93	129.1	2.78	126.4	126.1	42.3	4.6	September	2.47	129.3	2.36	126.9	127.8	40.3	3.7
October	2.94	129.5	2.79	126.8	126.5	42.2	4.5	October	2.48	129.8	2.37	127.4	128.2	40.3	3.6
November	2.94	129.5	2.80	127.3	126.9	42.1	4.3	November	2.49	130.4	2.39	128.5	128.7	40.2	3.4
December	2.96	130.4	2.82	128.2	127.5	42.1	4.1	December	2.50	130.9	2.40	129.0	129.2	40.1	3.3
1967:							1967:								
January	2.96	130.4	2.84	129.1	128.1	41.5	3.7	January	2.51	131.4	2.42	130.1	130.2	39.7	3.0
February	2.96	130.4	2.84	129.1	128.4	40.7	3.4	February	2.53	132.5	2.44	131.2	131.2	39.2	2.9
March	2.96	130.4	2.85	129.5	128.7	41.0	3.4	March	2.54	133.0	2.45	131.7	131.7	39.4	3.9
April	2.97	130.8	2.86	130.0	129.3	40.8	3.2	April	2.55	133.5	2.46	132.3	132.2	39.3	3.0
May	2.99	131.7	2.87	130.5	129.7	41.1	3.3	May	2.55	133.5	2.46	132.3	132.3	39.5	3.9
June	2.99	131.7	2.88	130.9	130.1	41.1	3.4	June	2.56	134.0	2.46	132.3	132.6	39.7	3.1
July	3.00	132.2	2.88	130.9	130.5	40.8	3.3	July	2.57	134.6	2.47	132.8	132.9	39.7	3.1
August	3.00	132.2	2.88	130.9	130.7	41.1	3.5	August	2.57	134.6	2.47	132.8	133.3	40.0	3.3
September	3.03	133.5	2.89	131.4	131.2	41.5	3.9	September	2.61	136.6	2.50	134.4	134.9	40.2	3.6
October	3.03	133.5	2.90	131.8	131.7	41.4	3.7	October	2.61	136.6	2.50	134.4	135.1	39.9	3.4
November	3.05	134.4	2.93	133.2	132.8	41.2	3.5	November	2.62	137.2	2.52	135.5	135.8	40.1	3.3
December	3.09	136.1	2.96	134.5	133.6	41.8	3.8	December	2.64	138.2	2.54	136.6	136.4	40.1	3.3

See footnote at end of table.

Table 2. Average Hourly Earnings and Weekly Hours of Production Workers in Durable and Nondurable Goods<sup>1</sup> Manufacturing Industries, Selected Periods, 1959-68—Continued

(Indexes, 1957-59 = 100)

Period	Average hourly earnings					Average weekly hours		Period	Average hourly earnings					Average weekly hours		
	Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts				Amount	Index	Gross		Excluding overtime			Excluding the effects of overtime and interindustry employment shifts
	Amount	Index	Amount	Index		Index	Amount				Index	Amount	Index	Index	Total	
	Durable goods <sup>1</sup>								Nondurable goods <sup>1</sup>							
1968:								1968:								
January -----	\$3.13	137.9	\$3.00	136.4	135.1	40.8	3.5	January -----	\$2.67	139.8	\$2.57	138.2	137.7	38.9	3.0	
February -----	3.12	137.4	3.00	136.4	135.5	41.2	3.4	February -----	2.68	140.3	2.58	138.7	139.4	39.7	3.0	
March -----	3.14	138.3	3.02	137.3	136.1	41.3	3.5	March -----	2.69	140.8	2.59	139.2	139.8	39.7	3.1	
April -----	3.15	138.8	3.03	137.7	136.9	40.5	3.0	April -----	2.70	141.4	2.61	140.3	140.4	38.8	2.7	
May -----	3.18	140.1	3.04	138.2	137.2	41.6	3.8	May -----	2.72	142.4	2.62	140.9	140.8	39.8	3.2	
June -----	3.18	140.1	3.04	138.2	137.3	41.8	3.9	June -----	2.73	142.9	2.62	140.9	141.2	40.1	3.4	
July -----	3.18	140.1	3.05	138.6	137.6	41.2	3.6	July -----	2.75	144.0	2.63	141.4	141.5	40.0	3.4	
August -----	3.17	139.6	3.03	137.7	138.2	41.1	3.7	August -----	2.75	144.0	2.64	141.9	142.5	40.2	3.5	
September -----	3.23	142.3	3.08	140.0	139.6	41.8	4.2	September -----	2.78	145.5	2.66	143.0	143.8	40.3	3.8	
October -----	3.25	143.2	3.09	140.5	140.2	41.8	4.2	October -----	2.79	146.1	2.67	143.5	144.2	40.1	3.5	
November -----	3.27	144.5	3.12	141.8	141.3	41.7	4.2	November -----	2.81	147.1	2.69	144.6	144.7	39.9	3.5	
December -----	3.29	145.8	3.15	143.2	142.7	41.7	4.1	December -----	2.82	147.6	2.71	145.7	145.3	40.1	3.5	

<sup>1</sup> For classification of industries, see appendix B.

Table 3. Average Hourly Earnings and Weekly Hours of Production Workers in Manufacturing Industries, Annual Averages, 1939-68

(Indexes, 1957-59 = 100)

Year	Average hourly earnings					Average weekly hours	
	Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts	Total	Overtime
	Amount	Index	Amount	Index			
1939	\$0.627	29.6	\$0.627	30.6	32.2	37.7	( <sup>1</sup> )
1940	.655	30.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	38.1	( <sup>1</sup> )
1941	.726	34.2	.691	33.7	( <sup>1</sup> )	40.6	( <sup>1</sup> )
1942	.851	40.1	.793	38.7	( <sup>1</sup> )	43.1	( <sup>1</sup> )
1943	.957	45.1	.881	43.0	( <sup>1</sup> )	45.0	( <sup>1</sup> )
1944	1.011	47.7	.933	45.5	( <sup>1</sup> )	45.2	( <sup>1</sup> )
1945	1.016	47.9	.949	46.3	( <sup>1</sup> )	43.5	( <sup>1</sup> )
1946	1.075	50.7	1.035	50.5	( <sup>1</sup> )	40.3	( <sup>1</sup> )
1947	1.217	57.4	1.18	57.6	57.8	40.4	( <sup>1</sup> )
1948	1.328	62.6	1.29	62.9	63.2	40.0	( <sup>1</sup> )
1949	1.378	65.0	1.34	65.4	66.1	39.1	( <sup>1</sup> )
1950	1.440	67.9	1.39	67.8	68.2	40.5	( <sup>1</sup> )
1951	1.56	73.6	1.51	73.7	73.6	40.6	( <sup>1</sup> )
1952	1.65	77.8	1.59	77.6	77.4	40.7	( <sup>1</sup> )
1953	1.74	82.1	1.68	82.0	81.6	40.5	( <sup>1</sup> )
1954	1.78	84.0	1.73	84.4	84.3	39.6	( <sup>1</sup> )
1955	1.86	87.7	1.79	87.3	86.9	40.7	( <sup>1</sup> )
1956	1.95	92.0	1.89	92.2	91.5	40.4	2.8
1957	2.05	96.7	1.99	97.1	96.2	39.8	2.3
1958	2.11	99.5	2.05	100.0	100.2	39.2	2.0
1959	2.19	103.3	2.12	103.3	103.4	40.3	2.7
1960	2.26	106.6	2.20	106.9	106.8	39.7	2.4
1961	2.32	109.4	2.25	109.6	109.9	39.8	2.4
1962	2.39	112.7	2.31	112.5	112.7	40.4	2.8
1963	2.46	116.0	2.37	115.6	115.5	40.5	2.8
1964	2.53	119.3	2.44	118.8	118.4	40.7	3.1
1965	2.61	123.1	2.51	122.2	121.5	41.2	3.6
1966	2.72	128.3	2.59	126.1	125.6	41.3	3.9
1967	2.83	133.5	2.72	132.4	131.5	40.6	3.4
1968	3.01	142.0	2.88	140.2	139.5	40.7	3.6

<sup>1</sup> Data are not available.

Table 4. Average Hourly Earnings and Weekly Hours of Production Workers in Durable and Nondurable Goods Manufacturing Industries, Annual Averages, 1939-68

(Indexes, 1957-59 = 100)

Year	Average hourly earnings					Average weekly hours	
	Gross		Excluding overtime		Excluding the effects of overtime and interindustry employment shifts	Total	Overtime
	Amount	Index	Amount	Index			
Durable goods							
1959	\$2.36	104.0	\$2.28	103.6	103.6	40.7	2.7
1960	2.43	107.0	2.36	107.3	106.9	40.1	2.4
1961	2.49	109.7	2.42	110.0	109.8	40.3	2.3
1962	2.56	112.8	2.48	112.7	112.5	40.9	2.8
1963	2.63	115.9	2.54	115.5	115.4	41.1	2.9
1964	2.71	119.4	2.60	118.2	118.0	41.4	3.3
1965	2.79	122.9	2.67	121.4	120.8	42.0	3.9
1966	2.90	127.8	2.76	125.5	124.9	42.1	4.3
1967	3.00	132.2	2.88	130.9	130.4	41.2	3.5
1968	3.19	140.5	3.06	139.1	138.1	41.4	3.8
Nondurable goods							
1959	\$1.98	103.7	\$1.92	103.2	103.2	39.7	2.7
1960	2.05	107.3	1.99	107.0	106.7	39.2	2.5
1961	2.11	110.5	2.05	110.2	109.9	39.3	2.5
1962	2.17	113.6	2.09	112.4	112.9	39.6	2.7
1963	2.22	116.2	2.15	115.6	115.8	39.6	2.7
1964	2.29	119.9	2.21	118.8	119.1	39.7	2.9
1965	2.36	123.6	2.27	122.0	122.6	40.1	3.2
1966	2.45	128.3	2.35	126.3	126.8	40.2	3.4
1967	2.57	134.6	2.47	132.8	133.2	39.7	3.1
1968	2.74	143.5	2.63	141.4	141.8	39.8	3.3







Table 5. Average Weekly Earnings of Production Workers in Manufacturing Industries and the Consumer Price Index, Selected Periods, 1941-68—Continued

Period		Average weekly earnings						Consumer Price Index	Period		Average weekly earnings						Consumer Price Index		
		Gross			Net spendable						Gross			Net spendable					
				Real index	Worker with no dependents		Worker with 3 dependents						Real index	Worker with no dependents		Worker with 3 dependents			
		Actual	Index		Current dollars	1957-59 dollars	Current dollars				1957-59 dollars	Actual		Index	Current dollars	1957-59 dollars		Current dollars	1957-59 dollars
Amount	Index					Amount	Index												
1964—Continued																			
November	\$104.30	123.9	114.0	\$85.45	\$78.61	\$93.28	\$85.81	108.7	1967:										
December	107.07	127.2	116.9	87.63	80.54	95.56	87.83	108.8	January	\$113.42	134.7	117.4	\$92.16	\$80.35	\$100.08	\$87.25	114.7		
1965:									February	111.88	132.9	115.8	91.00	79.27	98.86	86.11	114.8		
January	105.52	125.3	115.1	87.47	80.32	95.09	87.32	108.9	March	112.44	133.6	116.2	91.42	79.50	99.30	86.35	115.0		
February	106.19	126.1	115.8	88.00	80.81	95.65	87.83	108.9	April	112.56	133.7	116.0	91.51	79.37	99.40	86.21	115.3		
March	106.71	126.7	116.2	88.42	81.12	96.09	88.16	109.0	May	113.81	135.2	117.0	92.46	79.98	100.39	86.64	115.6		
April	105.82	125.7	115.0	87.71	80.25	95.34	87.23	109.3	June	114.49	136.0	117.2	92.97	80.15	100.93	87.01	116.0		
May	107.53	127.7	116.5	89.08	81.28	96.78	88.30	109.6	July	113.65	135.0	115.9	92.34	79.26	100.27	86.07	116.5		
June	107.79	128.0	116.3	89.29	81.10	96.99	88.09	110.1	August	113.39	136.0	116.3	92.97	79.53	100.93	86.34	116.9		
July	107.01	127.1	115.3	88.66	80.45	96.34	87.42	110.2	September	116.85	138.8	118.5	94.76	80.92	102.83	87.81	117.1		
August	106.45	126.4	114.9	88.21	80.19	95.87	87.15	110.0	October	116.28	138.1	117.5	94.33	80.28	102.37	87.12	117.5		
September	108.09	128.4	116.5	89.53	81.24	97.25	88.25	110.2	November	117.50	139.6	118.5	95.26	80.87	103.35	87.73	117.8		
October	109.03	129.5	117.3	90.28	81.78	98.04	88.80	110.4	December	119.60	142.1	120.2	96.85	81.94	105.04	88.87	118.2		
November	109.71	130.3	117.8	90.83	82.12	98.61	89.16	110.6	1968:										
December	110.92	131.7	118.6	91.80	82.70	99.62	89.75	111.0	January	117.60	139.7	117.8	95.33	80.38	103.43	87.21	118.6		
1966:									February	119.36	141.8	119.2	96.66	81.23	104.85	88.11	119.0		
January	110.00	130.7	117.7	89.79	80.89	97.58	87.91	111.0	March	120.18	142.7	119.4	97.29	81.41	105.50	88.28	119.5		
February	110.95	131.8	118.1	90.51	81.10	98.34	88.12	111.6	April	118.21	140.4	117.1	94.07	78.46	103.23	86.10	119.9		
March	110.95	131.8	117.7	90.51	80.81	98.34	87.80	112.0	May	122.29	145.3	120.8	97.08	80.70	106.38	88.43	120.3		
April	111.24	132.1	117.4	90.73	80.65	98.57	87.62	112.5	June	123.30	146.5	121.2	97.83	80.92	107.16	88.64	120.9		
May	112.47	133.6	118.7	91.67	81.41	99.55	88.41	112.6	July	122.10	145.0	119.3	96.94	79.79	106.23	87.43	121.5		
June	112.74	133.9	118.6	91.87	81.37	99.77	88.37	112.9	August	121.69	144.5	118.5	96.64	79.28	105.91	86.88	121.9		
July	111.38	132.3	116.8	90.84	80.18	98.68	87.10	113.3	September	125.66	149.3	122.2	99.57	81.48	108.98	89.18	122.2		
August	111.78	132.8	116.7	91.14	80.09	99.00	86.99	113.8	October	125.77	149.4	121.6	99.65	81.08	109.06	88.74	122.9		
September	114.13	135.6	118.8	92.93	81.45	100.88	88.41	114.1	November	125.97	149.6	121.2	99.80	80.88	109.22	88.51	123.4		
October	113.85	135.2	118.1	92.72	80.98	100.65	87.90	114.5	December	127.82	151.8	122.7	101.17	81.79	110.65	89.45	123.7		
November	113.99	135.4	118.2	92.82	80.99	100.76	87.92	114.6											
December	114.40	135.9	118.5	93.13	81.19	101.09	88.13	114.7											

Table 6. Average Weekly Earnings of Production Workers in Manufacturing Industries and the Consumer Price Index, Annual Averages, 1939-68

(Indexes, 1957-59 = 100)

Year	Average weekly earnings								Con- sumer Price Index	Year	Average weekly earnings								Con- sumer Price Index
	Gross			Net spendable							Gross			Net spendable					
			Real index	Worker with no dependents		Worker with 3 dependents							Real index	Worker with no dependents		Worker with 3 dependents			
	Actual			Current dollars	1957-59 dollars	Current dollars	1957-59 dollars				Actual			Current dollars	1957-59 dollars	Current dollars	1957-59 dollars		
	Amount	Index						Amount			Index								
1939-----	\$23.64	28.1	58.1	\$23.37	\$48.29	\$23.40	\$48.35	48.4	1954-----	\$70.49	83.7	89.4	\$58.45	\$62.45	\$65.65	\$70.14	93.6		
1940-----	24.96	29.6	60.7	24.46	50.12	24.70	50.64	48.8	1955-----	75.70	89.9	96.4	62.51	67.00	69.79	74.80	93.3		
1941-----	29.48	35.0	68.2	27.96	54.50	29.19	56.90	51.3	1956-----	78.78	93.6	98.8	64.92	68.55	72.25	76.29	94.7		
1942-----	36.68	43.6	76.8	31.80	55.99	36.31	63.93	56.8	1957-----	81.59	96.9	98.9	66.93	68.30	74.31	75.83	98.0		
1943-----	43.07	51.2	84.9	35.95	59.62	41.33	68.54	60.3	1958-----	82.71	98.2	97.5	67.82	67.35	75.23	74.71	100.7		
1944-----	45.70	54.3	88.6	37.99	61.97	43.76	71.39	61.3	1959-----	88.26	104.8	103.3	71.89	70.83	79.40	78.23	101.5		
1945-----	44.20	52.5	83.7	36.82	58.72	42.59	67.93	62.7	1960-----	89.72	106.6	103.4	72.57	70.39	80.11	77.70	103.1		
1946-----	43.32	51.5	75.7	37.31	54.87	42.79	62.93	68.0	1961-----	92.34	109.7	105.3	74.60	71.59	82.18	78.87	104.2		
1947-----	49.17	58.4	75.1	42.10	54.11	47.58	61.16	77.8	1962-----	96.56	114.7	108.8	77.86	73.87	85.53	81.15	105.4		
1948-----	53.12	63.1	75.3	46.57	55.57	52.31	62.42	83.8	1963-----	99.63	118.3	110.9	79.82	74.81	87.58	82.08	106.7		
1949-----	53.88	64.0	77.1	47.21	56.88	52.95	63.80	83.0	1964-----	102.97	122.3	113.1	84.40	78.08	92.18	85.27	108.1		
1950-----	58.32	69.3	82.7	50.26	59.98	56.36	67.26	83.8	1965-----	107.53	127.7	116.2	89.08	81.06	96.78	88.06	109.9		
1951-----	63.34	75.2	83.1	52.97	58.53	60.18	66.50	90.5	1966-----	112.34	133.4	117.9	91.57	80.96	99.45	87.93	113.1		
1952-----	67.16	79.8	86.3	55.04	59.50	62.98	68.09	92.5	1967-----	114.90	136.5	117.4	93.28	80.21	101.26	87.07	116.3		
1953-----	70.47	83.7	89.8	57.59	61.79	65.60	70.39	93.2	1968-----	122.51	145.5	120.0	97.70	80.61	106.75	88.08	121.2		

## Appendix A

### Scope and Method of Index Construction

#### Average Weekly and Hourly Earnings and Weekly Hours

These data were obtained from Employment and Earnings Statistics for the United States, 1909-68, BLS Bulletin 1312-6, issued in August 1968. A discussion of the method, concepts, and coverage of the earnings series is provided in the technical note of the bulletin.

#### Average Hourly Earnings Excluding the Effects of Overtime and Interindustry Employment Shifts

The present indexes. These indexes are compiled by assigning constant weights, based on 1966 production worker employment, to the earnings figures for these workers excluding overtime premium pay for each (3-digit SIC) industry. The industries were based on the 1967 Standard Industrial Classification Manual. The effects of employment shifts among the industries thus are eliminated, but any shifts within these groups (i. e., at the 4-digit level) do affect the data.

Data were not available for all 3-digit industries prior to 1959. Hence, the previous index, in which major industry group (2-digit SIC) earnings were given constant employment weights, was linked with the new index to provide a continuous statistical series.

In the manufacturing wage index, presented here for the period beginning January 1959, durable goods account for 58.5 percent, and nondurable goods 41.5 percent, of the total weight. The weights assigned to each industry group are presented in appendix B. The durable goods index includes data for the ordnance; lumber; furniture; stone, clay, and glass; metalworking; and miscellaneous manufacturing industries. The nondurable goods index includes data for the food, tobacco, textiles, apparel, paper, printing, chemicals, petroleum, rubber, and leather industries.

Indexes for years prior to 1959. These indexes were compiled by assigning constant weights to the earnings figures excluding overtime premium pay for each major industry (2-digit SIC) group. Except for a relatively small number of industry groups in which there are several important (3-digit SIC) industries to which separate constant weights have been assigned, the indexes exclude the effects of shifts among major (2-digit level) industry groups, but are affected by any shifts among industries within these groups.

The only industry groups within which constant weights were assigned to exclude the effects on earnings of interindustry employment shifts were transportation equipment and electrical machinery. Within these two industry groups, man-hours were held constant for each 3-digit SIC classification. The industries were based on the 1945 Standard Industrial Classification Manual and the weights were average 1954 production man-hours.

#### Consumer Price Index

For a history and description of the Consumer Price Index, see The Consumer Price Index, a Short Description, 1967, available on request.

## Major Factors Influencing Bureau of Labor Statistics Measures of Wage Changes

Factor	Weekly earnings			Average hourly earnings		
	Gross	Real	Net spendable	Gross	Excluding overtime with industry weights as currently reported	Excluding overtime and adjusted for interindustry shifts in employment
General changes in hourly rates -----	x	x	x	x	x	x
Adjustments in the hourly rates of individual workers (or small groups) in recognition of merit, length of service, etc -----	x	x	x	x	x	x
Changes in:						
Liberality of basis for incentive pay -----	x	x	x	x	x	x
Output of workers paid on an incentive basis -----	x	x	x	x	x	x
Prevalence of incentive payment -----	x	x	x	x	x	x
Relative importance of individual companies or establishments -----	x	x	x	x	x	x
Composition of the labor force -----	x	x	x	x	x	x
Occupational structure -----	x	x	x	x	x	x
Relative importance of individual regions or localities -----	x	x	x	x	x	x
Provisions for premium pay for work on extra shifts -----	x	x	x	x	x	x
Extent of extra-shift work at premium pay -----	x	x	x	x	x	x
Provisions for premium pay for overtime work -----	x	x	x	x	x	x
Relative importance of individual industries -----	x	x	x	x	x	
Prevalence of overtime work at premium pay -----	x	x	x	x		
Weekly hours of work -----	x	x	x			
Payroll deductions for taxes -----			x			
Consumer Price Index -----		x	(1)			

<sup>1</sup> Influences net spendable earnings shown in terms of 1957-59 dollars.

## Appendix B

Industry Weights<sup>2</sup> Used in Constructing the Index of Average Hourly  
Earnings Excluding the Effect of Overtime and Interindustry  
Employment Shifts for the Period Beginning January 1959

<u>SIC code</u>	<u>Industry title</u>	<u>Weight</u>
<u>Durable Goods</u>		
19	Ordnance and Accessories	0.848
192	Ammunition, except for small arms	.553
194	Sighting and fire control equipment	.042
191, 3, 5, 9	Other ordnance and accessories	.253
24	Lumber and Wood Products	3.829
241	Logging camps and logging contractors	.574
242	Sawmills and planing mills	1.600
243	Millwork, plywood, and related products	.971
244	Wooden containers	.223
249	Miscellaneous wood products	.461
25	Furniture and Fixtures	2.665
251	Household furniture	1.983
252	Office furniture	.180
254	Partitions and fixtures	.241
259	Other furniture and fixtures	.261
32	Stone, Clay, and Glass Products	3.625
321	Flat glass	.182
322	Glass and glassware, pressed or blown	.753
323	Products of purchased glass	.139
324	Cement, hydraulic	.204
325	Structural clay products	.411
326	Pottery and related products	.261
327	Concrete, gypsum and plaster products	.971
328	Cut stone and stone products	.704
33	Primary Metal Industries	7.611
331	Blast furnace and basic steel products	3.724
332	Iron and steel foundries	1.421
333	Nonferrous smelting and refining	.423
335	Nonferrous rolling and drawing	1.133
336	Nonferrous foundries	.517
339	Miscellaneous primary metal products	.393
34	Fabricated Metal Products	7.412
341	Metal cans	.375
342	Cutlery, handtools, and hardware	.908
343	Plumbing and heating, except electric	.423
344	Fabricated structural metal products	2.046
345	Screw machine products, bolts, etc.	.604
346	Metal stampings	1.371
347	Metal services, n. e. c.	.493
348	Miscellaneous fabricated wire products	.385
349	Miscellaneous fabricated metal products	.807

<sup>2</sup> Based on 1966 production worker employment.

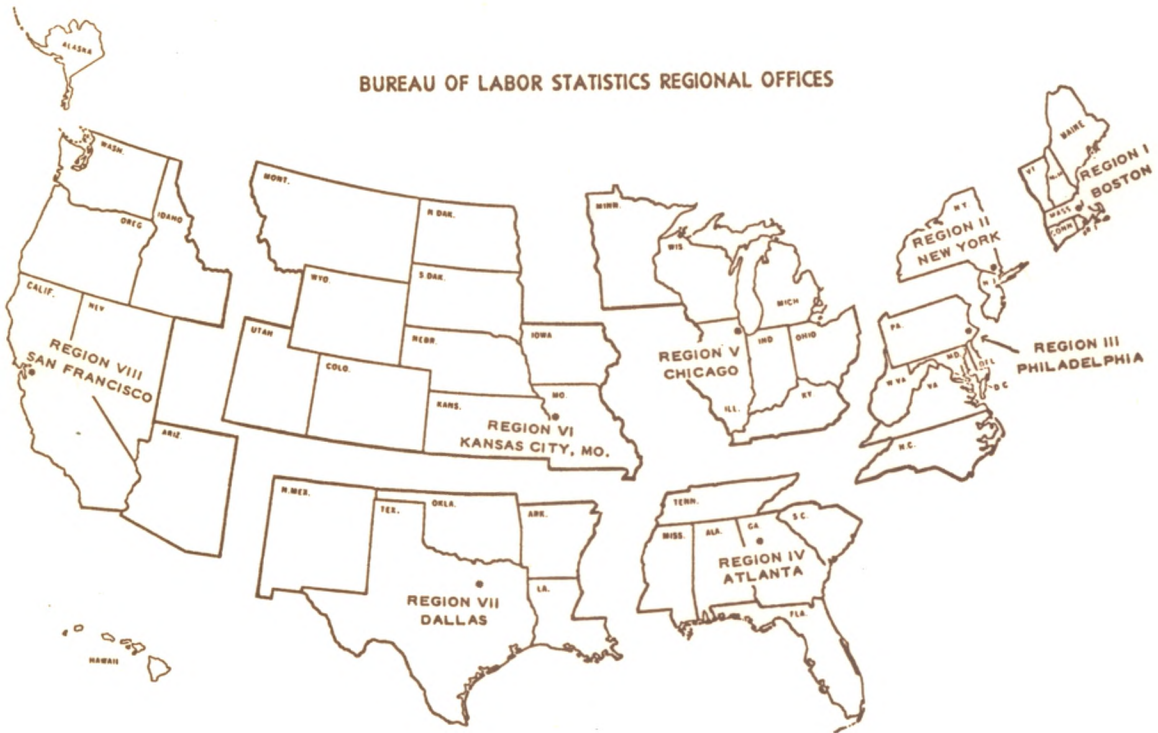
<u>SIC code</u>	<u>Industry title</u>	<u>Weight</u>
	<u>Durable Goods—Continued</u>	
	<u>Machinery, Except Electrical</u>	<u>9.255</u>
35		
351	Engines and turbines	.463
352	Farm machinery	.761
353	Construction and related machinery	1.325
354	Metalworking machinery	1.775
355	Special industry machinery	.982
356	General industry machinery	1.317
357	Office and computing machines	.892
358	Services industry machines	.571
359	Miscellaneous machinery, except electrical	1.169
36	<u>Electrical Equipment and Supplies</u>	<u>9.268</u>
361	Electric test and distributing equipment	.930
362	Electrical industrial apparatus	1.072
363	Household appliances	1.013
364	Electric lighting and wiring equipment	1.051
365	Radio and television receiving equipment	.951
366	Communication equipment	1.645
367	Electronic components and accessories	2.023
369	Miscellaneous electrical equipment and supplies	.583
37	<u>Transportation Equipment</u>	<u>9.542</u>
371	Motor vehicles and equipment	4.726
372	Aircraft and parts	3.155
373	Ship and boat building and repairing	1.004
374	Railroad equipment	.331
379	Other transportation equipment	.326
38	<u>Instruments and Related Products</u>	<u>1.933</u>
381	Engineering and scientific instruments	.271
382	Mechanical measuring and control devices	.487
383	Optical instruments and lenses	.248
384	Medical instruments and supplies	.318
386	Photographic equipment and supplies	.396
387	Watches, clocks and watchcases	.213
39	<u>Miscellaneous Manufacturing Industries</u>	<u>2.476</u>
391	Jewelry, silverware, and plated ware	.266
394	Toys and sporting goods	.716
395	Pens, pencils, office and art supplies	.185
396	Costume jewelry and notions	.335
399	Other manufacturing industries	.974
	<u>Nondurable Goods</u>	
	<u>Food and Kindred Products</u>	<u>8.214</u>
20		
201	Meat products	1.797
202	Dairy products	.894
203	Canned, cured, and frozen foods	1.648
204	Grain mill products	.612
205	Bakery products	1.148
206	Sugar	.209
207	Confectionery and related products	.437
208	Beverages	.825
209	Miscellaneous food and kindred products	.644
21	<u>Tobacco Manufactures</u>	<u>.502</u>
211	Cigarettes	.226
212	Cigars	.146
213	Chewing and smoking tobacco	.065
214	Tobacco stemming and redrying	.065



<u>SIC code</u>	<u>Industry title</u>	<u>Weight</u>
	<u>Nondurable Goods—Continued</u>	
	<u>Textile Mill Products</u>	<u>5.973</u>
22		
221	Weaving mills, cotton	1.536
222	Weaving mills, synthetics	.606
223	Weaving and finishing mills, wool	.271
224	Narrow fabric mills	.198
225	Knitting mills	1.477
226	Textile finishing, except wool	.452
227	Floor covering mills	.243
228	Yarn and thread mills	.753
229	Miscellaneous textile goods	.437
23	<u>Apparel and Other Textile Products</u>	<u>8.733</u>
231	Men's and boys' suits and coats	.759
232	Men's and boys' furnishings	2.332
233	Women's and misses' outerwear	2.683
234	Women's and children's undergarments	.787
235	Hats, caps, and millinery	.175
236	Children's outerwear	.506
237	Fur goods and miscellaneous apparel	.480
239	Miscellaneous fabricated textile products	1.011
26	<u>Paper and Allied Products</u>	<u>3.675</u>
261	Pulp mills	1.217
263	Paperboard mills	.383
264	Miscellaneous converted paper products	.882
265	Paperboard containers and boxes	1.193
27	<u>Printing and Publishing</u>	<u>4.595</u>
271	Newspapers	1.260
272	Periodicals	.182
273	Books	.386
275	Commerical printing	1.802
278	Blankbooks and bookbinding	.320
274, 6, 9	Other publishing and printing industries	.645
28	<u>Chemicals and Allied Products</u>	<u>4.017</u>
281	Industrial chemicals	1.194
282	Plastics materials and synthetics	.975
283	Drugs	.470
284	Soap, cleaners, and toilet goods	.463
285	Paints and allied products	.262
287	Agricultural chemicals	.249
289	Other chemical products	.404
29	<u>Petroleum and Coal Products</u>	<u>.802</u>
291	Petroleum refining	.625
295, 9	Other petroleum and coal products	.177
30	<u>Rubber and Plastics Products, n. e. c.</u>	<u>2.821</u>
301	Tires and inner tubes	.537
306	Fabricated rubber products, n. e. c.	1.011
307	Miscellaneous plastics products	1.273
31	<u>Leather and Leather Products</u>	<u>2.203</u>
311	Leather tanning and finishing	.194
314	Footwear, except rubber	1.481
317, 9	Other leather products	.528



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