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# Analysis of Work Stoppages, 1977



U.S. Department of Labor  
Bureau of Labor Statistics  
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Bulletin 2032





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U.S. Department of Labor  
Ray Marshall, Secretary  
Bureau of Labor Statistics  
Janet L. Norwood, Commissioner  
September 1979  
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# Preface

This bulletin, an annual feature of the Bureau of Labor Statistics since 1941, provides a detailed statistical presentation of work stoppages in 1977. Appendix A provides a historical record by industry group.

Preliminary estimates of the level of strike (or lockout) activity for the United States as a whole are issued about 30 days after the end of the month of reference and are available on request. Preliminary estimates for the entire year are available at year end; selected final tabulations are issued in the early summer of the following year. The methods used to prepare work stoppage statistics are described by appendix B.

The Bureau wishes to acknowledge the cooperation of employers and employer associations, labor unions, the Federal Mediation and Conciliation Service, and various State agencies.

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# Work Stoppages, 1977

## Summary

The three major measures of strike activity--the number of strikes, workers, and days idle--declined from 1976. The number of strikes was, nevertheless, the fifth highest reported during the past 50 years. Some 5,506 stoppages began during the year, compared to 5,648 the previous year. The number of workers participating in strikes in 1977 declined by 16 percent, to 2.0 million; they made up about 2.4 percent of the total work force, down from 3.0 percent the year before. Idleness declined from 37.9 to 35.8 million days and the percent of estimated working time lost due to strikes was 0.17 percent (1.7 days idle per thousand), down from 0.19 percent in 1976.

A larger number of strikes occurred during contract renegotiations in 1977 than in 1976, reflecting increased bargaining during the year. More than eight-tenths of these stoppages involved economic issues.

## Duration

Strikes tended to be longer in 1977 than in previous years (table 1). The average duration of strikes was 29 days, the highest recorded by the Bureau since data were first collected in 1927. Just under half the strikes (48.4 percent) in 1977 lasted 14 days or longer, while in 1976 half the strikes ended by the eleventh day.

About one-fifth of the strikes that ended in 1977 lasted between 14 days and a month (table 3); almost one-third of these strikes were in wholesale and retail trade, contract construction, and nonelectrical machinery (table 25).

Mining disputes accounted for about three-fifths of the strikes that were shorter than 4 days. Between 1976 and 1977, strikes in the 1- to 3-day category declined by 438, 411 of which were in the mining industry.

## Size

Following a historical pattern, about half of the strikes involved fewer than 100 workers (table 6). Strikes in the nonmanufacturing sector were smaller than those in manufacturing. For instance, almost two-thirds of the strikes involving fewer than 20 workers occurred in nonmanufacturing industries--primarily in construction and wholesale and retail trade.

Most of the smaller disputes occurred in non-manufacturing industries; so did most major disputes (those involving 10,000 workers or more). The bulk of these walkouts were in mining--8 out of 14.

Major stoppages were not as frequent as in many earlier years (table 4). Between 1976 and 1977 the number dropped from 23 to 18 (table 5). Major stoppages accounted for far fewer days idle in 1977-- 9.9 million days compared with 14.0 million days in 1976. All of the major stoppages in 1977 lasted at least a week, but in 1976 a third of the major stoppages were shorter (table 3).

## Major issue

Economic issues continued to be the most important, accounting for three-fifths of the strikes that began in the year (table 11.). They include general wage changes, supplementary benefits, wage adjustments, and hours of work. Except for 1974, economic issues were they key points of contention in a larger proportion of strikes in 1977 than in any year since 1961. Fewer workers were involved in these disputes than in most previous years, however. Most of the economic disputes (more than nine-tenths) involved general wage issues.

Plant administration issues were the second major cause of strikes, largely because of a large number of disputes in coal mining (table 12). Most of the idleness from plant administration disputes this year resulted from the walkout of 170,000 coal miners after the United Mine Workers contract expired in December.

Among the major stoppages in 1977, 10 involved economic issues, 5 involved administration issues, and 1 involved working conditions. The longshore dispute arose over the handling of containerized cargo which posed a threat to job security.

## Monthly pattern

Strike indices are influenced by the timing of contract negotiations. About two-thirds of the workers whose contracts expired in 1977 had agreements which terminated between March and September;<sup>1</sup> similarly, two-thirds of the strikers walked out during this period.

Idleness peaked in December because the major bituminous coal strike began in this month. But the number of strikes was lowest in December, continuing a pattern that has been observed since 1950.

## Contract status

As usual, most strikes (59 percent) occurred after the expiration or reopening of an agreement (table 10).

<sup>1</sup> *Wage Calendar 1977*, Bulletin 1943, (Bureau of Labor Statistics, 1977), p.1.

While strikes in general declined slightly, renegotiation disputes increased, and economic issues accounted for a larger proportion of these strikes (86 percent) than of all strikes (61 percent).

The next largest group of strikes occurred during the term of agreement, with 65 percent occurring over administration issues in the coal industry. A substantial increase in strikes occurred at firms where no contracts were in effect (from 59 in 1976 to 129 in 1977); strikes involving union organization and security matters were responsible for this jump.

Among the major stoppages in 1977, all but the 1977-78 coal strike occurred during the contract term. The other major strikes occurred after contract negotiations failed.

### Union affiliation

Unions affiliated with the AFL-CIO called 55 percent of the strikes in 1977, compared with 39 percent for unaffiliated unions, and 3 percent for professional employee associations. Idleness among AFL-CIO affiliates was almost twice that among nonaffiliates. However, six major strikes in the bituminous coal industry accounted for 40 percent of the idleness among nonaffiliates.

Strike activity among AFL-CIO affiliates has declined relative to nonaffiliates since 1965, but affiliated unions have initiated at least half of the strikes in each year. These strikes involved over half of the workers who struck each year until 1976, when they involved only 40 percent of the workers. In 1977 the proportion of workers rose to 47 percent.

The role of unaffiliated unions increased during these same years. Although the number of strikes, workers, and days idle among nonaffiliates declined in 1977, strike activity remained well above that of the sixties, in absolute and relative terms.

Professional employee associations have also increased their involvement in recent years. The proportion of strikes initiated by professional associations ranged from 1.2 percent to 2.5 percent during the 1966-69 period and from 2.2 percent to 5.0 percent during the 1970-77 period.

### Industry

Four industries accounted for 50 percent of the strike-related idleness during 1977 (table 14). In order of days lost, these industries were mining, transportation equipment, contract construction, and nonelectrical machinery.

The disproportionately high idleness levels in mining stemmed from the timing of contract negotiations in the coal and copper industries, and from a large number of major stoppages in coal. The December coal strike was the largest of the major stoppages in 1977. More than 3 million days were lost during the 1977 portion of that

strike. Major issues still unsettled at the time the strike began included the Bituminous Coal Operators Association's demand that fines be levied on workers engaging in wildcat strikes and union demands for the right to strike over local grievances.<sup>2</sup>

In transportation equipment, days idle were boosted by two major stoppages in the aerospace industry. In addition, there were numerous short stoppages in the motor vehicle and equipment industry, and longer stoppages in shipbuilding and repairing. Idleness was slightly below the 1976 level, but higher than in the five preceding years (appendix A).

In construction, although nearly half of the workers in major collective bargaining units (1,000 workers or more) were covered by contracts which expired in 1977,<sup>3</sup> the number of strikes in this usually strike-prone industry declined for the third year in a row. The proportion of estimated working time lost to strikes was the lowest since 1963, the result, perhaps, of employment gains by nonunion firms. Unions kept their demands moderate and in some areas even agreed to cuts in compensation in an effort to reduce unemployment among their members.<sup>4</sup> Major stoppages in the industry fell to 3, from a high of 11 in 1974 (table 6).

Despite heavy bargaining schedules, significantly fewer workers in the transportation, communication, electric, gas, and sanitary services group struck than in previous years, bringing the proportion of estimated working time lost in these industries to the lowest level since 1964 (appendix A). Nine-tenths of these workers struck during contract renegotiations (table 9).

### Occupation

As in the past, production and maintenance workers, who are the most highly unionized, were involved in more strikes than other occupational groups (table 15). Only in the government sector were professional and technical employees well represented among strikers.

All three major strike measures for professional and technical workers fell in 1977 for the second consecutive year. Among professional and technical workers in government, the decline was due to decreased strike activity among teachers (table 19). Between 1976 and 1977, the number of teacher disputes declined by 20 percent, teachers on strike by 16 percent, and days idle by 15 percent.

### Location

Pennsylvania continued to experience more strikes than any other State, while West Virginia had the largest

<sup>2</sup>National Emergency Disputes Under the Taft-Hartley Act, 1947-77, Report 542 (Bureau of Labor Statistics, 1978), appendix B, pp. 6-14.

<sup>3</sup>Wage Calendar 1977, p.3.

<sup>4</sup>Leon Bornstein, "Industrial Relations in 1977: Highlights of Key Developments", *Monthly Labor Review*, Feb. 1978, pp. 30-31.

number of workers involved, and Ohio and Pennsylvania had the most days idle (table 21). Production and maintenance workers called nine-tenths of the strikes in these States (table 22).

One-third of all days idle resulted from stoppages in Region V, which includes Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin. None of the States had fewer than 100 strikes. Seven-tenths of the idleness in Michigan during the year resulted from the major iron ore strike in August. Strikes in government accounted for a third of Wisconsin's idleness, while strikes in nonelectrical machinery and mining boosted idleness in the other States in the region.

The proportion of working time lost (the idleness rate) was higher in West Virginia (Region III) than in any other State--and three times the rate for the States of Washington (Region X) and Kentucky (Region IV), which were next in line. Miners made up nine-tenths of the workers who struck in West Virginia.

Six metropolitan areas, one more than in 1976, experienced over 100 stoppages: Detroit (153), Pittsburgh (135), Chicago (132), Los Angeles-Long Beach (128), New York City (128) and Philadelphia (126) (table 24). These areas were also among the highest in workers and days idle. Los Angeles-Long Beach and Seattle-Everett were the only metropolitan areas to incur more than a million days of idleness.

### **Type of settlement**

Three-fourths of the stoppages ended with either a formal settlement or an established procedure for handling the remaining differences (table 31). More than half of the stoppages that ended without a formal settlement were short protest or sympathy disputes, and almost all of these--96 percent--involved miners.

Formal agreements resolved all issues in more than eight-tenths of the economic disputes, compared with four-tenths in noneconomic disputes (table 30). A large number of the noneconomic disputes were in mining,

where disputes often were not formally resolved.

Nine-tenths of the renegotiation disputes and over eight-tenths of the stoppages during initial contract bargaining ended in formal settlements (table 29). More than half of the strikes during the contract term were short protest or sympathy disputes which resulted in no formal settlement.

### **Impasse procedures**

A number of approaches have been used in dealing with collective bargaining impasses; typically these involve the use of outside parties.

In 1977, mediation was used in half the disputes (table 28). Of these, government agencies mediated 96 percent. Numerous governmental agencies have been established for this purpose at the Federal, State, and local levels. In a small number of cases the combined resources of the Federal and State governments were brought into play.

As in prior years, strikes that took place during contract renegotiations were more likely to involve mediation than those that occurred during initial contract bargaining or during the contract term. Mediation was used in 69 percent of the renegotiation disputes.

Workers terminated 504 strikes with the understanding that unresolved issues would be handled at a later date in ways agreed upon by the parties. Information was available for 356 of these strikes. Direct negotiations were agreed to in 26 percent of the cases and referral to a government agency in 24 percent.

In disputes stemming from the negotiation of a first agreement or the attempt of a union to gain recognition, direct negotiations were requested in just over half of the settlements. In renegotiation disputes, settlements provided for direct negotiations a little less than half the time. Other means were most frequently employed to resolve mid-contract disputes; only one-fourth of these settlements called for direct negotiations.

**Table 1. Work stoppages in the United States, 1927-77<sup>1</sup>**

(Workers and days idle in thousands)

Year	Work stoppages			Workers involved		Days idle during year		
	Number	Duration		Number	Percent of total employed <sup>2/</sup>	Number	Percent of est. total working time <sup>3/</sup>	Per worker involved
		Mean <sup>2/</sup>	Median					
1927.....	707	26.5	3	330	1.4	26,200	(4)	79.5
1928.....	604	27.6	(4)	314	1.3	12,600	(4)	40.2
1929.....	921	22.6	(4)	289	1.2	5,350	(4)	18.5
1930.....	637	22.3	(4)	183	.8	3,320	(4)	18.1
1931.....	810	18.8	(4)	342	1.6	6,890	(4)	20.2
1932.....	841	19.6	(4)	324	1.8	10,500	(4)	32.4
1933.....	1,695	16.9	(4)	1,170	6.3	16,900	(4)	14.4
1934.....	1,856	19.5	(4)	1,470	7.2	19,600	(4)	13.4
1935.....	2,014	23.8	(4)	1,120	5.2	15,500	(4)	13.8
1936.....	2,172	23.3	(4)	789	3.1	13,900	(4)	17.6
1937.....	4,740	20.3	(4)	1,860	7.2	28,400	(4)	15.3
1938.....	2,772	23.6	(4)	688	2.8	9,150	(4)	13.3
1939.....	2,613	23.4	(4)	1,170	3.5	17,900	.21	15.2
1940.....	2,508	20.9	(4)	577	1.7	6,700	-.08	11.6
1941.....	4,288	18.3	(4)	2,360	6.1	23,000	-.23	9.8
1942.....	2,968	11.7	(4)	840	2.0	4,180	-.04	5.0
1943.....	3,752	5.0	(4)	1,980	4.6	13,500	-.10	6.8
1944.....	4,956	5.6	(4)	2,120	4.8	8,720	-.07	4.1
1945.....	4,750	9.9	(4)	3,470	8.2	38,000	-.31	11.0
1946.....	4,985	24.2	(4)	4,600	10.5	116,000	1.04	25.2
1947.....	3,693	25.6	(4)	2,170	4.7	34,600	-.30	15.9
1948.....	3,419	21.8	(4)	1,960	4.2	30,100	-.28	17.4
1949.....	3,606	22.5	(4)	3,030	6.7	50,500	-.44	16.7
1950.....	4,843	19.2	8	2,410	5.1	38,800	-.33	16.1
1951.....	4,737	17.4	7	2,220	4.5	22,900	-.18	10.3
1952.....	5,117	19.6	7	3,540	7.3	59,100	-.48	16.7
1953.....	5,091	20.3	9	2,400	4.7	28,300	-.22	11.8
1954.....	3,468	22.5	9	1,530	3.1	22,600	-.18	14.7
1955.....	4,320	18.5	8	2,650	5.2	28,200	-.22	10.7
1956.....	3,825	18.9	7	1,900	3.6	33,100	-.24	17.4
1957.....	3,673	19.2	8	1,390	2.6	16,500	-.12	11.4
1958.....	3,694	19.7	8	2,060	3.9	23,900	-.18	11.6
1959.....	3,708	24.6	10	1,880	3.3	69,000	-.50	36.7
1960.....	3,333	23.4	10	1,320	2.4	19,100	-.14	14.5
1961.....	3,367	23.7	9	1,450	2.6	16,300	-.11	11.2
1962.....	3,614	24.6	9	1,230	2.2	18,600	-.13	15.0
1963.....	3,362	23.0	8	941	1.1	16,100	-.11	17.1
1964.....	3,655	22.9	8	1,640	2.7	22,900	-.15	14.0
1965.....	3,963	25.0	9	1,550	2.5	23,300	-.15	15.1
1966.....	4,405	22.2	9	1,960	3.0	25,400	-.15	12.9
1967.....	4,595	22.8	9	2,870	4.3	42,100	-.25	14.7
1968.....	5,045	24.5	10	2,649	3.8	49,018	-.28	18.5
1969.....	5,700	22.5	10	2,881	3.5	42,869	-.24	17.3
1970.....	5,716	25.0	11	3,305	4.7	66,414	-.37	20.1
1971.....	5,138	27.0	11	3,280	4.5	47,589	-.26	14.5
1972.....	5,010	24.0	8	1,714	2.3	27,066	-.15	15.8
1973.....	5,353	24.0	9	2,251	2.9	27,948	-.14	12.4
1974.....	6,074	27.1	14	2,778	3.5	47,991	-.24	17.3
1975.....	5,031	26.8	11	1,746	2.2	31,237	-.16	17.9
1976.....	5,648	28.0	11	2,420	3.0	37,859	-.19	15.6
1977.....	5,506	29.3	14	2,040	2.4	35,822	-.17	17.6

<sup>1</sup> The number of stoppages and workers relate to stoppages beginning in the year; average duration, to those ending in the year. Days of idleness include all stoppages in effect. Workers are counted more than once if they were involved in more than 1 stoppage during the year.

Available information for earlier periods appears in *Handbook of Labor Statistics, 1978 Reference Edition*, BLS Bulletin 2000 (1979), tables 151-56. For a discussion of the procedures involved in the collection and compilation of work stoppage statistics, see *BLS Handbook of Methods*, BLS Bulletin 1910 (1976), chapter 27.

<sup>2</sup> Figures are simple averages; each stoppage is given equal weight regardless of its size.

<sup>3</sup> Agricultural and government employees are included in the total employed and total working time; private household, forestry, and fishery employees are excluded. An explanation of the measurement of idleness as a percentage of the total employed labor force and of the total time worked is found in "Total Economy Measure of Strike Idleness," *Monthly Labor Review*, Oct. 1968.

<sup>4</sup> Not available.

**Table 2. Work stoppages by month, 1976-77**

(Workers and days idle in thousands)

Month	Stoppages				Workers involved				Days idle during month		
	Beginning in month		In effect during month		Beginning in month		In effect during month		Number	Percent	Percent of est. total working time <sup>1/</sup>
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
1976	5,688	100.0	10,089	100.0	2,420	100.0	3,961	100.0	37,859	100.0	.19
January.....	338	6.0	612	6.1	76.8	3.2	136.2	3.4	1,200.3	3.2	.07
February.....	362	6.4	615	6.1	96.2	4.0	138.5	3.5	1,029.5	2.7	.07
March.....	443	7.8	679	6.7	157.3	6.5	199.3	5.0	1,762.3	4.7	.10
April.....	591	10.5	894	8.9	464.7	19.2	530.2	13.4	3,133.1	8.3	.18
May.....	572	10.1	921	9.1	163.8	6.8	295.4	7.5	3,596.7	9.5	.22
June.....	577	10.2	1,007	10.0	231.3	9.6	372.5	9.4	4,388.4	11.6	.24
July.....	505	8.9	960	9.5	291.7	12.1	490.1	12.4	5,188.9	13.6	.30
August.....	480	8.5	937	9.3	171.1	7.1	409.5	10.3	4,557.4	12.0	.26
September.....	521	9.2	972	9.6	339.8	14.0	466.3	11.8	4,847.7	12.8	.28
October.....	559	9.9	1,024	10.1	151.5	6.3	428.7	10.8	4,348.2	11.5	.28
November.....	452	8.0	861	8.5	200.6	8.3	326.2	8.2	2,391.1	6.3	.14
December.....	248	4.4	607	6.0	75.2	3.1	168.0	4.2	1,459.4	3.9	.08
1977	5,506	100.0	9,971	100.0	2,040	100.0	3,327	100.0	35,822	100.0	.17
January.....	384	7.0	649	6.5	104.9	5.1	158.3	4.8	1,297.0	3.6	.08
February.....	375	6.8	645	6.5	144.6	7.1	197.6	5.9	1,474.7	4.1	.10
March.....	522	9.5	816	8.2	205.0	10.0	285.1	8.6	2,409.7	6.7	.13
April.....	602	10.9	931	9.3	183.9	9.0	273.6	8.2	2,518.5	7.0	.15
May.....	689	12.5	1,070	10.7	255.7	12.5	366.4	11.0	3,322.8	9.3	.19
June.....	599	10.9	1,035	10.4	158.3	7.8	295.8	8.9	2,972.5	8.3	.16
July.....	493	9.0	946	9.5	199.0	9.8	306.8	9.2	3,212.1	9.0	.19
August.....	481	8.7	930	9.3	199.9	9.8	334.6	10.1	3,995.0	11.2	.21
September.....	485	8.8	923	9.3	152.1	7.5	278.3	8.4	3,085.3	8.6	.17
October.....	408	7.4	822	8.2	156.9	7.7	289.7	8.7	3,346.9	9.3	.21
November.....	335	6.1	719	7.2	80.1	3.9	232.7	7.0	3,157.9	8.8	.18
December.....	133	2.4	485	4.9	199.9	9.8	307.9	9.3	5,029.4	14.0	.28

<sup>1</sup> See footnote 3, table 1.

NOTE: Because of rounding, sums of individual items may not equal totals.

**Table 3. Work stoppages by size and duration, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Number of workers involved	Total	1 day	2-3 days	4-6 days	7-14 days	15-29 days	30-59 days	60-89 days	90 days and over
<b>Stoppages ending in year</b>									
All stoppages.....	5,535	730	617	549	975	1,014	885	350	415
6 and under 20.....	713	64	68	52	135	144	124	55	71
20 and under 100.....	2,156	266	186	221	388	422	372	141	160
100 and under 250.....	1,276	195	160	116	211	221	185	81	107
250 and under 500.....	709	126	116	63	115	112	103	39	35
500 and under 1,000.....	390	62	58	53	69	50	56	20	22
1,000 and under 5,000.....	246	15	26	39	50	55	35	10	16
5,000 and under 10,000.....	28	2	3	5	4	5	6	1	2
10,000 and over.....	17	-	-	-	3	5	4	3	2
<b>Workers involved</b>									
All stoppages.....	1,860.0	173.1	183.9	199.7	307.1	354.1	334.8	123.1	184.3
6 and under 20.....	8.5	.8	.8	.6	1.5	1.7	1.5	.6	.9
20 and under 100.....	110.7	14.7	10.0	11.2	19.5	21.1	19.4	6.8	8.1
100 and under 250.....	202.6	32.1	26.5	18.9	32.0	34.2	28.5	14.4	16.1
250 and under 500.....	249.3	44.7	41.7	22.8	38.9	39.2	35.5	13.8	12.8
500 and under 1,000.....	260.0	38.1	37.2	36.2	47.8	34.6	38.7	13.3	14.1
1,000 and under 5,000.....	486.0	25.5	49.8	77.0	105.1	112.6	73.8	15.1	27.0
5,000 and under 10,000.....	182.5	17.1	17.9	33.0	28.9	33.3	37.5	5.2	9.6
10,000 and over.....	360.3	-	-	-	33.4	77.4	99.9	53.8	95.8
<b>Days idle during year</b>									
All stoppages.....	31,904.6	173.1	350.6	705.7	1,956.6	4,863.9	7,698.1	5,146.8	11,009.8
6 and under 20.....	218.9	.8	1.8	2.2	11.1	25.9	43.4	30.5	103.1
20 and under 100.....	2,285.8	14.7	20.0	40.1	139.7	316.0	566.4	335.2	853.7
100 and under 250.....	3,827.1	32.1	53.6	66.6	222.1	508.2	807.7	641.5	1,495.4
250 and under 500.....	3,947.7	44.7	92.9	74.6	288.3	576.2	1,013.6	667.3	1,240.1
500 and under 1,000.....	4,138.3	38.1	77.5	121.4	299.9	480.2	1,059.3	720.2	1,337.7
1,000 and under 5,000.....	7,933.2	25.5	84.9	287.5	635.3	1,476.5	2,026.5	753.7	2,643.3
5,000 and under 10,000.....	2,706.3	17.1	30.0	113.3	181.0	451.8	671.8	312.0	929.3
10,000 and over.....	6,851.3	-	-	-	219.2	1,029.1	1,509.3	1,686.4	2,407.3
<b>Stoppages ending in year</b>									
All stoppages.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 and under 20.....	12.9	8.8	11.0	9.5	13.8	14.2	14.0	15.7	17.1
20 and under 100.....	39.0	36.4	30.1	40.3	39.8	41.6	42.0	40.3	38.6
100 and under 250.....	23.1	26.7	25.9	21.1	21.6	21.8	20.9	23.1	25.8
250 and under 500.....	12.8	17.3	18.8	11.5	11.8	11.0	11.6	11.1	8.4
500 and under 1,000.....	7.0	8.5	9.4	9.7	7.1	4.9	6.3	5.7	5.3
1,000 and under 5,000.....	4.4	2.1	4.2	7.1	5.1	5.4	4.0	2.9	3.9
5,000 and under 10,000.....	.5	.3	.5	.9	.4	.5	.7	.3	.5
10,000 and over.....	.3	-	-	-	.3	.5	.5	.9	.5
<b>Workers involved</b>									
All stoppages.....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
6 and under 20.....	.46	.48	.45	.31	.50	.49	.44	.51	.47
20 and under 100.....	5.95	8.52	5.44	5.59	6.34	5.96	5.78	5.54	4.38
100 and under 250.....	10.89	18.53	14.40	9.88	10.41	9.65	8.51	11.73	8.73
250 and under 500.....	13.40	25.81	22.66	11.41	12.66	11.08	10.59	11.22	6.93
500 and under 1,000.....	13.98	22.01	20.22	18.14	15.58	9.76	11.57	10.81	7.64
1,000 and under 5,000.....	26.13	14.74	27.10	38.55	34.22	31.80	22.06	12.30	14.66
5,000 and under 10,000.....	9.81	9.90	9.73	16.52	9.42	9.40	11.20	4.23	5.19
10,000 and over.....	19.37	-	-	-	10.88	21.86	29.85	43.67	52.01
<b>Days idle during year</b>									
All stoppages.....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
6 and under 20.....	.69	.48	.52	.31	.57	.53	.56	.59	.94
20 and under 100.....	7.16	8.52	5.71	5.68	7.14	6.50	7.36	6.51	7.75
100 and under 250.....	12.00	18.53	15.28	9.44	11.35	10.45	10.49	12.46	13.58
250 and under 500.....	12.37	25.81	23.64	10.58	12.69	11.85	13.17	12.97	11.26
500 and under 1,000.....	12.96	22.01	22.09	17.20	15.33	9.87	13.76	13.99	12.15
1,000 and under 5,000.....	24.87	14.74	24.21	40.74	32.47	30.36	26.32	14.64	24.01
5,000 and under 10,000.....	8.48	9.90	8.55	16.06	9.25	9.29	8.73	6.06	8.44
10,000 and over.....	21.47	-	-	-	11.20	21.16	15.61	32.77	21.66

<sup>1</sup> Totals in this table differ from those in tables 1 and 2 and 6-24 because these stoppages ended during the year, and thus include idleness occurring in prior years.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 4. Work stoppages involving 10,000 workers or more, 1927-77**

(Workers and days idle in thousands)

Year	Number of work stoppages	Workers involved		Days idle during year		Percent of est. total working time <sup>1/</sup>
		Number	Percent of total for year	Number	Percent of total for year	
1927.....	1	165	50.0	9,737	37.2	0.14
1928.....	5	137	43.6	10,086	80.0	.14
1929.....	1	15	5.2	195	3.6	(2)
1930.....	1	30	16.4	270	8.1	(2)
1931.....	6	122	37.7	1,954	28.4	.03
1932.....	7	140	43.2	5,337	50.8	.12
1933.....	17	429	36.7	5,199	30.7	.11
1934.....	18	725	49.3	7,488	38.2	.15
1935.....	9	516	46.1	4,523	29.2	.08
1936.....	8	169	21.4	2,893	20.8	.04
1937.....	26	528	28.4	9,110	32.1	.14
1938.....	2	39	5.7	171	1.9	(2)
1939.....	8	572	48.9	5,731	32.2	.09
1940.....	4	57	9.9	331	4.9	(2)
1941.....	29	1,070	45.3	9,344	40.6	.13
1942.....	6	74	8.8	245	5.9	(2)
1943.....	10	737	37.2	9,427	69.8	.10
1944.....	16	350	16.5	1,259	14.4	.01
1945.....	42	1,350	38.9	19,300	50.7	.24
1946.....	31	2,920	63.6	66,400	57.2	.82
1947.....	15	1,030	47.5	17,700	51.2	.21
1948.....	20	870	44.5	16,900	55.3	.20
1949.....	18	1,920	63.2	34,900	69.0	.41
1950.....	22	738	30.7	21,700	56.0	.25
1951.....	19	457	20.6	5,680	24.8	.57
1952.....	35	1,690	47.8	36,900	62.6	.36
1953.....	28	650	27.1	7,270	25.7	.07
1954.....	18	437	28.5	7,520	33.3	.07
1955.....	26	1,210	45.6	12,300	43.4	.11
1956.....	12	758	39.9	19,600	59.1	.17
1957.....	13	283	20.4	3,050	18.5	.26
1958.....	21	823	40.0	10,600	44.2	.10
1959.....	20	845	45.0	50,800	73.7	.45
1960.....	17	384	29.2	7,140	37.4	.06
1961.....	14	601	41.4	4,950	30.4	.04
1962.....	16	318	25.8	4,800	25.8	.04
1963.....	7	102	10.8	3,540	22.0	.03
1964.....	18	607	37.0	7,990	34.8	.06
1965.....	21	387	25.0	6,070	26.0	.05
1966.....	26	600	30.7	7,290	28.7	.05
1967.....	28	1,340	46.5	21,400	50.7	.15
1968.....	32	994	37.5	20,514	41.8	.12
1969.....	25	668	26.9	17,853	41.6	.10
1970.....	34	1,653	50.0	35,440	53.4	.20
1971.....	29	1,901	58.0	23,152	48.6	.13
1972.....	18	390	22.7	7,499	27.7	.04
1973.....	25	713	31.7	6,062	21.7	.03
1974.....	27	836	30.1	12,914	26.8	.06
1975.....	20	474	27.2	7,482	24.0	.04
1976.....	23	1,030	42.6	14,043	37.1	.07
1977.....	18	531	26.0	9,886	27.6	.05

<sup>1</sup> See footnote 3, table 1.

<sup>2</sup> Less than 0.005 percent.

**Table 5. Work stoppages involving 10,000 workers or more, beginning in 1977**

Beginning date	Approximate duration (calendar days) <sup>1</sup>	Establishment(s) and location(s)	Union(s) involved <sup>2</sup>	Approximate number of workers involved <sup>3</sup>	Major terms of settlement <sup>4</sup>
Feb. 8	31	Bituminous Coal Industry—West Virginia and Virginia	United Mine Workers of America (Ind.)	21,000	Miners protested dismissal of miner from safety committee and the companies' sick leave policies. Union officials persuaded the miners to return to work.
Feb. 14	17	Bituminous Coal Industry—Illinois and Indiana	United Mine Workers of America (Ind.)	12,500	Miners protested companies' policies on absenteeism. The companies agreed to follow the policy as set forth in the 1974 National Agreement specifying that miners can be discharged for absenteeism only if they miss 2 consecutive days without a proven illness.
Mar. 6	21	Philadelphia Food Stores Labor Relations Council (formerly Philadelphia Food Stores Employers' Council)—Eastern Pennsylvania, Southern New Jersey, and Delaware	Amalgamated Meat Cutters and Butcher Workmen of North America; Retail Clerks International Union	14,900	3-year agreement negotiated on Mar. 26, 1977, providing for 45-cent wage increases on Mar. 5, 1978 and Mar. 4, 1979; cost-of-living clause revised to provide unlimited adjustments of 1 cent for each 0.4 point-rise in the BLS-CPI in September of 1977, 1978, and 1979; Sunday premium reduced to double-time from double-time-and-a-half and Saturday night premium reduced to time-and-a-half from double time; increased pension to monthly payment of \$15 per year of service (was \$12); established automatic retirement with full benefits after 30 years' service; improved Blue Shield coverage; established vision care plan and drug plan for part-time workers. (See <i>Current Wage Developments July 1977</i> , p. 33.)
Mar. 15	36	Bituminous Coal Industry—Ohio, Pennsylvania, and West Virginia	United Mine Workers of America (Ind.)	31,200	Miners protested companies' policies on absenteeism and alleged abuse by supervisors. Workers also wanted reinstated a miner who gave his termination notice and later changed his mind. The UMW made the absenteeism policies a national issue; the supervisor issue would be settled in court; and the miner who wanted his job back would follow the company's normal grievance procedure.
May 18	24	Ohio Contractors Association and Associated General Contractors—Ohio	Laborers' International Union of North America	25,000	3-year agreement providing for wage increases of 85 cents per year: 70 cents immediately plus 15 cents on November 1 of the 1st year, and 70 cents on May 1 plus 15 cents on November 1 in each of the following 2 years. Contractors agreed to hire local union members who are out of work before transferring workers from other areas of the State.
June 15	93	Bituminous Coal Industry—Alabama, Illinois, Indiana, Kentucky, Ohio, Pennsylvania, Virginia, West Virginia	United Mine Workers of America (Ind.)	81,300	Strike was in response to announced cutbacks in the UMW Health and Retirement Fund which would require UMW members to pay part of their hospitalization and physician costs (previously free). Coal operators refused miners' request for reallocation of money from a pension fund to the benefit funds. Strike terminated without a formal settlement.
July 1	68	Copper Mining and Refining Industry—Arizona, Maryland, Michigan, Montana, New Mexico, Nevada, Texas, Utah, Washington	United Steelworkers of America; International Brotherhood of Electrical Workers; United Brotherhood of Carpenters and Joiners of America; International Association of Machinists and Aerospace Workers; International Brotherhood of Teamsters, Chauffeurs, Warehousemen and Helpers of America (Ind.); United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada; International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths,	23,500	3-year agreements providing for wage increases of 85 cents per year with additional fringe benefits and job increments based on classification; COLA; increased pension, increased life insurance from \$8,000 to \$10,000, increased major medical insurance from \$25,000 up to \$50,000, and increased accidental death insurance.

See footnotes at end of table.



**Table 5. Work stoppages involving 10,000 workers or more, beginning in 1977—Continued**

Beginning date	Approximate duration (calendar days) <sup>1</sup>	Establishment(s) and location(s)	Union(s) involved <sup>2</sup>	Approximate number of workers involved <sup>3</sup>	Major terms of settlement <sup>4</sup>
July 1— Cont.			Forgers and Helpers; United Transportation Union; International Union of Operating Engineers		
July 3	15	State of Wisconsin— Statewide	American Federation of State, County and Municipal Employees	10,200	2-year agreement effective on Aug. 14, 1977, providing: <i>Nonprofessional employees:</i> Immediate wage increases of 7 percent or minimum of 38 cents, plus 7.5 percent or minimum of 42 cents effective July 2, 1978; weekend differentials of 15 cents on Saturdays and 20 cents on Sundays. <i>Professional employees:</i> Immediate wage increases of 6.5 percent or minimum of 38 cents, plus 7 percent or minimum of 42 cents effective July 2, 1978. <i>All employees:</i> For those not on probation or at maximum of salary range, 1/2-step automatic increase effective Jan. 1, 1978 and another 1/2-step increase Jan. 1, 1979. Subsequent to settlement, Wisconsin State legislature forced renegotiation of COLA clause. With increase of 0-6.5 percent in CPI, no COLA received; 6.6-7.5 percent, 2 cents per hour for each 0.5-point rise in CPI or fraction thereof; 7.6 percent and above, 2 cents for each 1-point rise in CPI or fraction thereof. New language prohibiting employer from changing work schedules to avoid overtime; hospital and surgical insurance completely paid for until January 1978, after that employee to pay maximum of 10 percent of premium; mileage reimbursement to 15.5 cents per mile the 1st year and 17 cents the 2d year; increased meal and hotel allowances. <sup>5</sup>
July 18	7	Associated General Contractors; Building Industry Association of California—California	International Union of Operating Engineers	10,000	3-year agreement, retroactive to July 1, providing for 95-cent wage increase July 1 of each year, plus 5-cent increases in both fringe benefits and union dues in the 1st year; \$1-a-day subsistence pay increase in each of the 3 years for heavy equipment operators working away from their homes.
July 25	19	Associated General Contractors—Western and Central Washington	United Brotherhood of Carpenters and Joiners of America	14,800	4-year agreement providing for wage increases of 25 cents on Aug. 1, 1977, and \$1 on June 1 in each of the next 3 years; automatic cost-of-living clause continued, providing 7 cents per point increase in the Seattle CPI from Feb. to Feb. beyond guaranteed minimum of \$1; increased employer contribution to health and security fund to 55 cents per hour on Jan. 1, 1978 (was 50 cents). (See <i>Current Wage Developments October 1977</i> , p. 21.)
Aug. 1	138	Iron Ore Mining and Processing Industry—Michigan and Minnesota	United Steel Workers of America	14,500	Dispute over whether incentive pay was a "national" or "local" issue. The Experimental Negotiating Agreement (ENA) that regulates steel bargaining prohibits strikes over "national" issues. In early Nov., the steel industry and the union modified ENA to provide for binding arbitration of future disputes over whether issues are national or local. Then a uniform incentive plan was incorporated into contracts with each of the companies providing incentive bonuses to at least 75 percent of the employees of each ore company, beginning in November 1979. Employees eligible for incentive pay would no longer receive the 30-cent attendance bonus. Bonus would be continued for other workers employed then but not for workers hired in the future. Other local issues were resolved on the company level. (See <i>Current Wage Developments January 1978</i> , pp. 1-2.)
Aug. 15	14	Delco-Remy Division of General Motors Corp.	United Automobile, Aerospace and Agricultural Implement Workers (Ind.)	12,800	Strike over local issues. Most production speed-up cases resolved, older workers guaranteed job security, promotional and transfer rights outlined, grievances made easier to air, time to

See footnotes at end of table.

**Table 5. Work stoppages involving 10,000 workers or more, beginning in 1977—Continued**

Beginning date	Approximate duration (calendar days) <sup>1</sup>	Establishment(s) and location(s)	Union(s) involved <sup>2</sup>	Approximate number of workers involved <sup>3</sup>	Major terms of settlement <sup>4</sup>
Aug. 15— Cont.					progress from initial job classification to the classification with most pay reduced; compromises reached on many grievances, others referred to individual companies for resolution
Aug. 16	14	Bituminous Coal Industry—Illinois and Indiana	United Mine Workers of America (Ind.)	10,600	Miners at the Freeman United Coal Mining Co. protested the company's interpretation of an arbitration decision governing Saturday holiday pay on Christmas and New Years. Other miners honored the picket lines. As a result, some coal firms paid the holiday rate (time-and-a-half) to virtually all of their miners. Freeman and others did not pay all their miners the holiday rate. There was no formal settlement.
Sept. 15	32	Glass Packaging Institute (formerly Glass Containers Manufacturers)—Nationwide	American Flint Glass Workers' Union of North America	26,300	3-year agreement providing for 70-cent-per-hour wage increase retroactive to July 12, and additional increases of 40 cents per hour on July 1, 1978 and Sept. 1, 1979; continued COLA for up to 20 cents per hour in the 2d and 3d years, calculated at the rate of 1 cent for each 0.5-percent rise in the CPI; increased employer contributions to the pension fund and increased insurance benefits. Key issue concerning job assignment was resolved when mold workers agreed to run 2 machines simultaneously if the machine cycle was greater than 2 hours. (Management had asked for 1-hour cycle as minimum limit for simultaneous work.) (See <i>Current Wage Developments December 1977</i> , pp. 1-2.)
Oct. 1	60	Shipping Associations—East and Gulf Coast ports	International Longshoremen's Association	11,400	3-year contract providing for wage increases of 80 cents per hour in each year; increases in employer contributions to the pension and welfare funds by 54 cents and 47 cents an hour, respectively, over the term. Agreement on handling of containerized goods gave Union jurisdiction over packing and unpacking specified cargoes and over minimum size of container crews. Guaranteed annual income levels remained a local issue. (See <i>Current Wage Developments December 1977</i> , p. 1.)
Oct. 4	45	Boeing Co.—Kansas, Oregon, and Washington	International Association of Machinists and Aerospace Workers	21,300	34 1/2-month agreement providing for initial wage increase averaging 6.9 percent, and 3-percent increases in 2d and 3d years. \$1.04 per hour COLA incorporated into base rates; continued quarterly COLA's of 1 cent for each 0.3 point movement in BLS-CPI (1967=100); increased the number of holidays from 38 to 41 during the contract term; improved pension and insurance benefits. (See <i>Current Wage Developments December 1977</i> , pp. 1 and 14.)
Oct. 10	83	Lockheed Missile and Space Co., Inc.—California, Florida, Georgia, and South Carolina	International Association of Machinists and Aerospace Workers	18,800	3-year agreement providing for initial wage increase of 6 percent; 3-percent increases in the 2d and 3d years; quarterly COLA of 1 cent an hour for each 0.3-point movement in BLS-CPI (1967=100) continued, with the first cent of each adjustment diverted to benefit costs; improved pension funds. Number of paid holidays remained at 37 during the contract term. Seniority provisions, a major issue in negotiations, varied among plants. Management asked for increases in the length of service required for employees threatened by layoff to "bump" employees in lateral or lower rated job grades. Both parties made concessions on this issue. (See <i>Current Wage Developments January 1978</i> , p. 1.)
Dec. 6	110	Bituminous Coal Industry—Nationwide	United Mine Workers of America (Ind.)	170,300	3-year agreement ratified on March 24, providing for \$1-an-hour immediate wage increase; 70-cent wage increases in March of 1979 and 1980, each including a 30-cent guaranteed "cost-of-living" increase payable regardless of the movement in the CPI; discontinuance of COLA; guarantee of health and retirement benefits for all employees and retirees.  Health benefits for employees who retired prior to Dec. 6, 1974 (and their spouses and dependents) would continue to be provided

See footnotes at end of table.

**Table 5. Work stoppages involving 10,000 workers or more, beginning in 1977 -- Continued**

Beginning date	Approximate duration (calendar days) <sup>1</sup>	Establishment(s) and location(s)	Union(s) involved <sup>2</sup>	Approximate number of workers involved <sup>3</sup>	Major terms of settlement <sup>4</sup>
Dec. 6— Cont.					<p>through a health benefits fund, with employers paying into the fund at a higher rate than in 1974 (35.5 cents an hour for coal produced or purchased for resale compared with 19 cents a ton previously).</p> <p>Effective Jan. 1, 1978, active employees, those who retired or will retire on or after Dec. 6, 1974, (and spouses and dependents), to be provided health benefits directly by their employers through self-insurance or commercial carriers rather than by a common fund, unless their employers have gone or go out of business, in which case the fund will provide for them. Benefits decreased (2 cents an hour plus 1 cent per ton purchased for resale compared to the previous 88 cents per hour plus 41.7 cents per ton purchased for resale).</p> <p>Maximum deductibles for families of working miners set at \$200, and for families of retirees, \$150; no cost for hospitalization coverage; vision care plan established October 1978; sickness and accident benefits increased, in stages, to \$150 a week, from \$100.</p> <p>Maintained 2-tiered pension system, increased employer contributions to both funds, and increased pension benefits received.</p> <p>Life insurance benefits increased; wage incentive provisions established, subject to the approval of each local union.</p> <p>Strike provision the same as in 1974 contract. (See <i>Current Wage Developments April 1978</i>, pp. 1-2 and 21.)<sup>5</sup></p>

<sup>1</sup>Duration calculated from the day the first group(s) of workers are idle to the last day a group or groups of workers are idle, or to the ratification date (not the day the strikers return to work). Includes nonworkdays, such as Saturdays, Sundays, and established holidays.

<sup>2</sup>The unions listed are those directly involved in the dispute but the number of workers involved may include members of other unions or non-union workers idled by dispute in the same establishments. The unions are affiliated with the AFL-CIO, except where they are noted as independent (Ind).

<sup>3</sup>The number of workers involved is the maximum made idle for 1 shift or longer in establishments directly involved in a stoppage. This does not measure the indirect or secondary effect on other establishments or indus-

tries whose employees are made idle as a result of material or service shortages.

<sup>4</sup>Information on settlement is obtained from newspaper reports unless otherwise stated. *Current Wage Developments* is published monthly by the Bureau of Labor Statistics.

<sup>5</sup>Source: American Federation of State, County and Municipal Employees.

<sup>6</sup>Most employees returned to work on March 27. About 18,000 miners stayed out, honoring picket lines at some mines set up by mine construction workers. By April 3, virtually all of the UMW miners had returned to work. The mine construction workers ratified an agreement on April 4.

**Table 6. Work stoppages by industry group and size, 1977**

(Workers and days idle in thousands)

Industry group	Total	6 and under 20 workers	20 and under 100 workers	100 and under 250 workers	250 and under 500 workers	500 and under 1,000 workers	1,000 and under 5,000 workers	5,000 and under 10,000 workers	10,000 workers or more
Stoppages beginning in year									
All industries.....	1/5,506	700	2,141	1,270	707	390	252	28	18
Manufacturing.....	1/2,537	256	1,022	646	313	171	112	12	5
Ordnance and accessories.....	3	1	-	1	-	-	1	-	-
Food and kindred products.....	221	17	99	53	26	19	6	1	-
Tobacco manufactures.....	6	-	-	-	1	3	2	-	-
Textile mill products.....	40	4	20	12	4	-	-	-	-
Apparel, etc. 2/.....	65	11	23	16	9	5	1	-	-
Lumber and wood products, except furniture.....	78	10	32	16	10	6	4	-	-
Furniture and fixtures.....	93	9	52	24	4	4	-	-	-
Paper and allied products.....	82	4	36	22	10	4	5	1	-
Printing, publishing, and allied industries.....	57	22	22	3	5	3	2	-	-
Chemicals and allied products.....	111	12	50	27	16	4	2	-	-
Petroleum refining and related industries.....	23	3	9	2	3	6	-	-	-
Rubber and miscellaneous plastics products.....	88	8	41	22	11	5	1	-	-
Leather and leather products.....	19	-	7	5	3	3	1	-	-
Stone, clay, and glass products.....	139	25	65	30	10	5	3	-	1
Primary metal industries.....	239	17	85	70	34	16	15	1	1
Fabricated metal products 3/.....	354	36	139	110	48	18	3	-	-
Machinery, except electrical.....	451	38	185	119	48	31	28	2	-
Electrical machinery, equipment, and supplies.....	199	18	71	45	35	15	14	-	1
Transportation equipment.....	189	12	56	43	26	20	23	7	2
Instruments, etc. 4/.....	39	4	14	11	6	2	2	-	-
Miscellaneous manufacturing industries.....	48	5	16	15	8	3	1	-	-
Nonmanufacturing.....	1/2,970	444	1,118	624	395	219	140	16	14
Agriculture, forestry, and fisheries... Mining.....	10 999	1 39	4 282	4 279	1 223	- 116	- 49	- 3	- 8
Contract construction.....	486	88	194	81	51	33	30	6	3
Transportation, communication, electric, gas, and sanitary services.....	303	81	146	40	19	6	10	-	1
Wholesale and retail trade.....	486	149	222	62	26	15	9	2	1
Finance, insurance, and real estate.... Services.....	23 250	7 43	10 119	4 51	- 18	2 10	- 9	- -	- -
Government 5/.....	413	36	141	103	57	37	33	5	1
Workers involved									
All industries.....	1/2,040.1	8.4	109.9	200.0	249.3	260.6	495.4	185.8	530.7
Manufacturing.....	1/787.7	3.2	53.7	99.6	109.4	118.1	229.5	76.7	97.6
Ordnance and accessories.....	1.8	(6)	-	.1	-	-	1.7	-	-
Food and kindred products.....	54.0	.2	5.0	7.9	8.9	14.5	10.3	7.2	-
Tobacco manufactures.....	7.4	-	-	-	4	2.1	4.9	-	-
Textile mill products.....	4.3	(6)	1.2	1.8	1.4	-	-	-	-
Apparel, etc. 2/.....	10.3	.1	1.2	2.2	2.7	3.1	1.0	-	-
Lumber and wood products, except furniture.....	19.5	.1	1.6	2.4	3.4	4.3	7.7	-	-
Furniture and fixtures.....	10.7	.1	2.9	3.4	1.3	2.9	-	-	-
Paper and allied products.....	24.1	(6)	2.0	3.4	3.8	2.4	6.2	6.3	-
Printing, publishing, and allied industries.....	9.7	.3	1.0	.5	1.6	2.2	4.1	-	-
Chemicals and allied products.....	19.3	.2	2.4	3.9	5.5	2.1	5.2	-	-
Petroleum refining and related industries.....	6.3	(6)	.5	.3	1.2	4.3	-	-	-
Rubber and miscellaneous plastics products.....	14.7	.1	2.3	3.6	3.7	3.6	1.3	-	-
Leather and leather products.....	6.9	-	.4	1.0	1.2	2.1	2.2	-	-
Stone, clay, and glass products.....	44.8	.3	2.9	4.6	3.2	3.3	4.1	-	26.3
Primary metal industries.....	90.6	.2	4.9	10.8	10.9	11.0	28.3	6.1	18.3
Fabricated metal products 3/.....	57.2	.5	7.4	16.5	15.9	12.0	4.9	-	-
Machinery, except electrical.....	139.6	.5	9.6	18.9	17.4	19.9	58.6	14.7	-
Electrical machinery, equipment, and supplies.....	76.2	.2	3.8	7.5	12.4	10.7	28.8	-	12.8
Transportation equipment.....	172.0	.2	2.9	6.8	9.7	13.7	56.2	42.3	40.2
Instruments, etc. 4/.....	8.7	(6)	.6	1.7	2.1	1.6	2.7	-	-
Miscellaneous manufacturing industries.....	9.5	.1	1.0	2.3	2.8	2.1	1.2	-	-
Nonmanufacturing.....	1/1,252.3	5.2	56.2	100.4	139.9	142.5	265.9	109.1	433.1
Agriculture, forestry, and fisheries... Mining.....	1.1 676.4	(6) .5	.2 16.6	.5 46.8	.3 81.6	- 74.3	- 88.4	- 21.6	- 346.7
Contract construction.....	217.5	1.0	9.3	12.7	17.2	20.1	66.3	41.0	49.8
Transportation, communication, electric, gas, and sanitary services.....	56.1	1.0	6.5	6.1	6.1	5.0	20.0	-	11.4
Wholesale and retail trade.....	86.3	1.7	9.8	9.9	9.8	10.5	17.6	12.1	14.9
Finance, insurance, and real estate.... Services.....	2.8 41.9	.1 .5	.4 6.0	.7 7.5	- 6.0	1.6 6.5	- 15.3	- -	- -
Government 5/.....	170.2	.4	7.3	16.2	18.9	24.5	58.4	34.5	10.2

See footnotes at end of table.

**Table 6. Work stoppages by industry group and size, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Total	6 and under 20 workers	20 and under 100 workers	100 and under 250 workers	250 and under 500 workers	500 and under 1,000 workers	1,000 and under 5,000 workers	5,000 and under 10,000 workers	10,000 workers or more
All industries.....	1/35,821.8	203.7	2,274.4	3,935.0	3,942.2	4,208.4	8,681.7	2,690.7	9,885.6
Manufacturing.....	1/18,331.4	94.8	1,349.9	2,874.6	2,747.4	2,867.9	4,786.8	1,040.2	2,569.7
Ordnance and accessories.....	46.3	.1	—	2.3	—	—	43.9	—	—
Food and kindred products.....	1,501.4	8.1	110.4	187.3	293.3	293.9	507.5	100.8	—
Tobacco manufactures.....	167.6	—	—	—	7.2	33.3	127.1	—	—
Textile mill products.....	86.4	1.3	32.0	40.1	13.0	—	—	—	—
Apparel, etc. 2/.....	182.7	2.5	25.0	82.7	37.5	19.9	15.0	—	—
Lumber and wood products, except furniture.....	340.7	3.5	44.1	63.0	40.6	144.4	45.1	—	—
Furniture and fixtures.....	202.8	1.9	54.8	72.2	24.4	45.5	—	—	—
Paper and allied products.....	507.8	2.0	50.1	66.7	65.7	99.5	211.2	12.6	—
Printing, publishing, and allied industries.....	241.2	11.2	38.9	14.6	20.0	102.0	54.4	—	—
Chemicals and allied products.....	636.0	5.6	58.8	140.4	159.0	46.3	226.0	—	—
Petroleum refining and related industries.....	172.3	.5	16.4	7.6	30.7	117.2	—	—	—
Rubber and miscellaneous plastics products.....	343.4	1.8	72.6	117.1	107.8	38.8	5.3	—	—
Leather and leather products.....	259.0	—	11.6	9.2	15.4	34.9	187.8	—	—
Stone, clay, and glass products.....	987.8	7.4	65.7	117.7	63.2	131.9	106.3	—	495.5
Primary metal industries.....	2,166.8	5.1	158.8	339.5	249.3	269.5	741.8	12.2	390.7
Fabricated metal products 3/.....	1,466.0	12.8	203.3	521.9	437.0	268.8	22.3	—	—
Machinery, except electrical.....	3,266.9	20.7	235.5	605.1	573.7	647.7	1,075.3	109.1	—
Electrical machinery, equipment, and supplies.....	1,076.3	3.9	51.6	149.7	260.0	198.2	284.8	—	128.0
Transportation equipment.....	4,175.5	3.5	94.9	200.8	207.9	269.3	1,038.1	805.6	1,555.5
Instruments, etc. 4/.....	216.4	.8	9.0	43.4	29.7	56.8	76.8	—	—
Miscellaneous manufacturing industries.....	288.1	2.0	16.4	93.6	112.1	46.0	18.1	—	—
Nonmanufacturing.....	1/17,485.8	109.0	920.0	1,060.4	1,194.7	1,340.5	3,894.9	1,650.4	7,315.9
Agriculture, forestry, and fisheries... 5	23.7	(6)	5.8	12.3	5.5	—	—	—	—
Mining.....	7,280.5	3.3	46.0	106.4	224.2	208.7	594.4	59.0	6,038.4
Contract construction.....	3,284.4	12.4	138.1	206.2	271.8	325.9	735.1	897.6	697.4
Transportation, communication, electric, gas, and sanitary services.....	2,157.1	29.3	205.0	192.1	209.1	115.2	1,134.1	—	272.3
Wholesale and retail trade.....	1,988.0	47.3	311.6	191.5	269.8	272.3	572.1	107.3	216.2
Finance, insurance, and real estate....	96.6	1.5	11.4	14.4	—	69.3	—	—	—
Services.....	889.8	12.8	148.6	176.3	53.7	202.1	296.4	—	—
Government 5/.....	1,765.7	2.5	53.5	161.1	160.5	147.0	562.8	586.6	91.6

<sup>1</sup> The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in two or more groups have been counted in each. Workers involved and days idle have been allocated among the respective groups.

<sup>2</sup> Includes other finished products made from fabrics and similar materials.

<sup>3</sup> Excludes ordnance, machinery, and transportation equipment.

<sup>4</sup> Includes professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.

<sup>5</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>6</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 7. Work stoppages by affiliation of unions involved, 1977**

(Workers and days idle in thousands)

Affiliation	Stoppages beginning in year				Days idle during year (all stoppages)	
	Stoppages		Workers involved			
	Number	Percent	Number	Percent	Number	Percent
All stoppages.....	5,506	100.0	2,040.1	100.0	35,821.8	100.0
AFL-CIO.....	3,045	55.3	949.6	46.5	22,960.1	64.1
Unaffiliated unions.....	2,162	39.3	997.0	48.9	11,759.3	32.8
Single firm unions.....	30	.5	5.7	.3	59.8	.2
Different affiliations 1/.....	22	.4	13.5	.7	253.2	.7
Professional employees associations.....	185	3.4	69.9	3.4	734.3	2.0
No union involved.....	62	1.1	4.3	.2	55.1	.2

1 Includes work stoppages involving either one or more unions affiliated with the AFL-CIO and one or more unaffiliated unions, or two or more affiliated unions.

NOTE: Because of rounding, sums of individual items may not equal totals.

**Table 8. Work stoppages by contract status and size, 1977**

(Workers and days idle in thousands)

Contract status and number of workers involved	Stoppages beginning in year				Days idle during year (all stoppages)	
	Stoppages		Workers involved			
	Number	Percent	Number	Percent	Number	Percent
All stoppages.....	5,506	100.0	2,040.1	100.0	35,821.8	100.0
6 and under 20.....	700	12.7	8.4	.4	203.7	.6
20 and under 100.....	2,181	39.6	109.9	5.4	2,274.4	6.3
100 and under 250.....	1,270	23.1	200.0	9.8	3,935.0	11.0
250 and under 500.....	707	12.8	249.3	12.2	3,942.2	11.0
500 and under 1,000.....	390	7.1	260.6	12.8	4,208.4	11.7
1,000 and under 5,000.....	252	4.6	495.4	24.3	8,681.7	24.2
5,000 and under 10,000.....	28	.5	185.8	9.1	2,690.7	7.5
10,000 and over.....	18	.3	530.7	26.0	9,885.6	27.6
<b>Negotiation of first agreement or union recognition.....</b>	<b>439</b>	<b>8.0</b>	<b>56.5</b>	<b>2.8</b>	<b>1,179.6</b>	<b>3.3</b>
6 and under 20.....	121	2.2	1.4	.1	49.4	.1
20 and under 100.....	204	3.7	9.3	.5	294.1	.8
100 and under 250.....	71	1.3	9.8	.5	299.1	.8
250 and under 500.....	20	.4	6.9	.3	164.5	.5
500 and under 1,000.....	11	.2	7.8	.4	175.0	.5
1,000 and under 5,000.....	12	.2	21.1	1.0	197.6	.6
5,000 and under 10,000.....	-	-	-	-	-	-
10,000 and over.....	-	-	-	-	-	-
<b>Renegotiation of agreement (expiration or reopening).....</b>	<b>3,256</b>	<b>59.1</b>	<b>1,270.0</b>	<b>62.3</b>	<b>29,937.2</b>	<b>83.6</b>
6 and under 20.....	378	6.9	4.6	.2	117.9	.3
20 and under 100.....	1,350	24.5	69.3	3.4	1,749.7	4.9
100 and under 250.....	764	13.9	118.5	5.8	3,235.3	9.0
250 and under 500.....	374	6.8	129.8	6.4	3,267.5	9.1
500 and under 1,000.....	205	3.7	138.7	6.8	3,439.5	9.6
1,000 and under 5,000.....	153	2.8	312.0	15.3	7,307.4	20.4
5,000 and under 10,000.....	19	.3	123.2	6.0	2,555.9	7.1
10,000 and over.....	13	.2	374.0	18.3	8,263.8	23.1
<b>During term of agreement (negotiation of new agreement not involved).....</b>	<b>1,461</b>	<b>26.5</b>	<b>660.1</b>	<b>32.4</b>	<b>3,363.8</b>	<b>9.4</b>
6 and under 20.....	110	2.0	1.3	.1	8.7	(1)
20 and under 100.....	445	8.1	24.8	1.2	74.1	.2
100 and under 250.....	373	6.8	62.1	3.0	153.5	.4
250 and under 500.....	284	5.2	102.7	5.0	369.3	1.0
500 and under 1,000.....	158	2.9	103.5	5.1	335.3	.9
1,000 and under 5,000.....	77	1.4	146.5	7.2	666.3	1.9
5,000 and under 10,000.....	9	.2	62.5	3.1	134.7	.4
10,000 and over.....	5	.1	156.7	7.7	1,621.8	4.5
<b>No contract or other contract status....</b>	<b>129</b>	<b>2.3</b>	<b>25.9</b>	<b>1.3</b>	<b>275.6</b>	<b>.8</b>
6 and under 20.....	34	.6	.4	(1)	6.4	(1)
20 and under 100.....	48	.9	2.4	.1	41.2	.1
100 and under 250.....	19	.3	2.9	.1	31.3	.1
250 and under 500.....	15	.3	5.1	.2	22.3	.1
500 and under 1,000.....	8	.1	5.3	.3	69.0	.2
1,000 and under 5,000.....	5	.1	9.8	.5	105.3	.3
5,000 and under 10,000.....	-	-	-	-	-	-
10,000 and over.....	-	-	-	-	-	-
<b>No information on contract status.....</b>	<b>221</b>	<b>4.0</b>	<b>27.6</b>	<b>1.4</b>	<b>1,065.6</b>	<b>3.0</b>
6 and under 20.....	57	1.0	.6	(1)	21.3	.1
20 and under 100.....	94	1.7	4.2	.2	115.4	.3
100 and under 250.....	43	.8	6.7	.3	215.8	.6
250 and under 500.....	14	.3	4.8	.2	118.6	.3
500 and under 1,000.....	8	.1	5.3	.3	189.6	.5
1,000 and under 5,000.....	5	.1	6.0	.3	404.8	1.1
5,000 and under 10,000.....	-	-	-	-	-	-
10,000 and over.....	-	-	-	-	-	-

1 Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 9. Work stoppages by industry group and contract status, 1977**

(Workers and days idle in thousands)

Industry group	Total			Negotiation of first agreement or union recognition			Renegotiation of agreement (expiration or reopening)		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries.....	1,5,506	2,040.1	35,821.8	439	56.5	1,179.6	3,256	1,270.0	29,937.2
Manufacturing.....	1,2,537	787.7	18,331.4	213	19.3	605.9	1,887	603.4	16,084.2
Ordnance and accessories.....	3	1.8	46.3	1	.1	2.3	2	1.7	44.0
Food and kindred products.....	221	54.0	1,501.4	21	1.4	39.8	178	45.3	1,393.5
Tobacco manufactures.....	6	7.4	167.6	-	-	-	6	7.4	167.6
Textile mill products.....	40	4.3	86.4	6	.3	13.6	29	3.3	64.8
Apparel, etc. 2/.....	65	10.3	182.7	15	1.0	33.9	28	3.8	74.0
Lumber and wood products, except furniture.....	78	19.5	340.7	7	.4	16.7	57	15.1	164.0
Furniture and fixtures.....	93	10.7	202.8	9	.6	21.3	72	8.3	167.6
Paper and allied products.....	82	24.1	507.8	7	.9	8.1	55	10.5	299.9
Printing, publishing, and allied industries.....	57	9.7	241.2	10	.3	8.0	38	8.2	224.1
Chemicals and allied products.....	111	19.3	636.0	9	.3	10.4	96	17.4	610.7
Petroleum refining and related industries.....	23	6.3	172.3	-	-	-	22	6.3	171.7
Rubber and miscellaneous plastics products.....	88	14.7	343.4	9	.7	20.6	68	10.3	299.8
Leather and leather products.....	19	6.9	259.0	3	.3	7.7	12	6.0	249.3
Stone, clay, and glass products.....	139	44.8	987.8	11	.6	11.3	117	40.8	967.1
Primary metal industries.....	239	90.6	2,166.8	11	3.2	49.6	174	65.2	1,811.9
Fabricated metal products 3/.....	354	57.2	1,466.0	31	3.1	100.9	289	47.3	1,290.3
Machinery, except electrical.....	451	139.6	3,266.9	33	3.9	171.7	335	109.4	2,912.3
Electrical machinery, equipment, and supplies.....	199	76.2	1,076.3	8	.5	16.0	108	47.2	952.0
Transportation equipment.....	189	172.0	4,175.5	17	1.1	48.6	137	135.0	3,785.9
Instruments, etc. 4/.....	39	8.7	216.4	3	.4	11.2	28	7.3	197.4
Miscellaneous manufacturing industries.....	48	9.5	288.1	2	.2	14.2	40	7.6	236.4
Nonmanufacturing.....	1,2,970	1,252.3	17,485.8	225	37.0	569.1	1,370	666.6	13,852.9
Agriculture, forestry, and fisheries.....	10	1.1	23.7	1	.1	1.4	8	.9	21.8
Mining.....	999	676.4	7,280.5	8	.9	17.4	33	197.9	4,682.9
Contract construction.....	486	217.5	3,284.4	16	2.4	9.1	298	195.9	3,194.8
Transportation, communication, electric, gas, and sanitary services..	303	56.1	2,157.1	37	1.4	57.2	212	50.3	1,972.2
Wholesale and retail trade.....	486	86.3	1,988.0	53	3.8	94.0	365	72.1	1,760.8
Finance, insurance, and real estate.....	23	2.8	96.6	4	1.0	54.8	17	1.8	40.7
Services.....	250	41.9	889.8	57	8.3	228.6	154	29.1	627.4
Government 5/.....	413	170.2	1,765.7	49	19.1	106.6	283	118.6	1,552.3

See footnotes at end of table.

**Table 9. Work stoppages by industry group and contract status, 1977—Continued**

(Workers and days idle in thousands)

Industry group	During term of agreement (negotiation of new agreement not involved)			No contract or other contract status			No information on contract status		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries.....	1/1,461	660.1	3,363.8	129	25.9	275.6	221	27.6	1,065.6
Manufacturing.....	1/265	133.2	568.2	59	13.8	174.4	113	18.0	898.6
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	8	5.2	35.1	5	1.0	4.3	9	1.2	28.6
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	1	.2	.4	1	.2	1.0	3	.3	6.6
Apparel, etc. 2/.....	12	3.6	33.9	6	1.5	26.5	4	.3	14.5
Lumber and wood products, except furniture.....	5	1.6	12.6	3	.7	2.7	6	1.7	14.7
Furniture and fixtures.....	2	1.0	3.7	3	.2	1.8	7	.6	8.4
Paper and allied products.....	8	8.8	43.2	2	1.2	60.0	10	2.7	96.5
Printing, publishing, and allied industries.....	3	1.1	3.7	-	-	-	6	.1	5.4
Chemicals and allied products.....	4	1.1	12.6	1	.4	1.6	1	.1	.7
Petroleum refining and related industries.....	1	.1	.2	-	-	-	-	-	(6).4
Rubber and miscellaneous plastics products.....	4	3.3	18.1	2	.1	.4	5	.3	4.5
Leather and leather products.....	4	.6	2.0	-	-	-	-	-	-
Stone, clay, and glass products.....	7	3.2	7.6	2	.2	.6	2	.1	1.1
Primary metal industries.....	37	17.4	60.0	6	1.3	20.4	11	3.4	225.0
Fabricated metal products 3/.....	15	4.8	19.1	6	.8	5.2	13	1.3	50.5
Machinery, except electrical.....	57	22.5	88.3	6	1.3	3.8	20	2.4	90.8
Electrical machinery, equipment, and supplies.....	74	27.6	103.6	5	.7	2.2	4	.3	2.6
Transportation equipment.....	20	29.2	105.5	8	4.0	39.0	7	2.8	196.5
Instruments, etc. 4/.....	4	.5	6.6	2	.1	.7	2	(7)	.6
Miscellaneous manufacturing industries..	2	1.1	12.1	1	.1	4.3	3	.5	21.2
Nonmanufacturing.....	1/1,197	527.0	2,795.6	70	12.1	101.2	108	9.5	167.0
Agriculture, forestry, and fisheries....	-	-	-	1	(7)	.5	-	-	-
Mining.....	953	477.3	2,575.2	3	.2	.6	2	.2	4.4
Contract construction.....	144	17.2	61.1	17	1.2	12.7	11	.7	6.6
Transportation, communication, electric, gas, and sanitary services..	21	1.7	69.7	10	.6	4.9	23	2.1	53.2
Wholesale and retail trade.....	16	3.8	15.3	12	5.1	69.2	40	1.5	48.8
Finance, insurance, and real estate....	1	(7)	1.1	-	-	-	1	(7)	.1
Services.....	18	3.5	17.6	7	.2	3.4	14	.8	12.7
Government 5/.....	44	23.5	55.5	20	4.7	10.0	17	4.2	41.3

<sup>1</sup> The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in two or more groups have been counted in each. Workers involved and days idle have been allocated among the respective groups.

<sup>2</sup> Includes other finished products made from fabrics and similar materials.

<sup>3</sup> Fewer than 50.

<sup>4</sup> Excludes ordnance, machinery, and transportation equipment.

<sup>5</sup> Includes professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.

<sup>6</sup> Idleness resulting from stoppage(s) beginning in prior year(s).

<sup>7</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.



**Table 10. Work stoppages by contract status and major issue, 1977**

(Workers and days idle in thousands)

Contract status and major issue	Stoppages beginning in year				Days idle during year (all stoppages)	
	Stoppages		Workers involved		Number	Percent
	Number	Percent	Number	Percent		
All stoppages.....	5,506	100.0	2,040.1	100.0	35,821.8	100.0
<b>Negotiation of first agreement.....</b>	439	8.0	56.5	2.8	1,179.6	3.3
General wage changes.....	255	4.6	34.8	1.7	715.6	2.0
Supplementary benefits.....	3	.1	.1	(1)	1.2	(1)
Wage adjustments.....	8	.1	1.0	(1)	5.2	(1)
Hours of work.....	3	.1	.8	(1)	4.1	(1)
Other contractual matters.....	14	.3	.7	(1)	37.4	.1
Union organization and security.....	117	2.1	14.7	.7	338.3	.9
Job security.....	19	.3	2.5	.1	56.7	.2
Plant administration.....	14	.3	1.3	.1	16.1	(1)
Other working conditions.....	2	(1)	.1	(1)	.9	(1)
Interunion and intraunion matters.....	2	(1)	.4	(1)	1.5	(1)
Not reported.....	2	(1)	.1	(1)	2.6	(1)
<b>Renegotiation of agreement (expiration or reopening).....</b>	3,256	59.1	1,270.0	62.3	29,937.2	83.6
General wage changes.....	2,691	48.9	834.6	40.9	20,456.1	57.1
Supplementary benefits.....	62	1.1	20.3	1.0	442.9	1.2
Wage adjustments.....	40	.7	27.6	1.4	1,506.4	4.2
Hours of work.....	10	.2	1.0	.1	77.7	.2
Other contractual matters.....	168	3.1	42.3	2.1	767.1	2.1
Union organization and security.....	77	1.4	18.6	.9	526.6	1.5
Job security.....	102	1.9	75.8	3.7	1,561.0	4.4
Plant administration.....	88	1.6	247.3	12.1	4,544.1	12.7
Other working conditions.....	10	.2	1.5	.1	47.7	.1
Interunion and intraunion matters.....	6	.1	.9	(1)	5.5	(1)
Not reported.....	2	(1)	.1	(1)	.1	(1)
<b>During term of agreement (negotiation of new agreement not involved).....</b>	1,461	26.5	660.1	32.4	3,363.8	9.4
General wage changes.....	44	.8	10.5	.5	83.3	.2
Supplementary benefits.....	11	.2	2.2	.1	8.9	(1)
Wage adjustments.....	85	1.5	34.3	1.7	90.5	.3
Hours of work.....	1	(1)	1.0	(1)	2.9	(1)
Other contractual matters.....	14	.3	18.8	.9	48.1	.1
Union organization and security.....	21	.4	5.2	.3	19.6	.1
Job security.....	77	1.4	19.3	.9	74.8	.2
Plant administration.....	859	15.6	435.0	21.3	2,571.5	7.2
Other working conditions.....	121	2.2	59.7	2.9	198.7	.6
Interunion and intraunion matters.....	227	4.1	74.1	3.6	265.0	.7
Not reported.....	1	(1)	(2)	(1)	.5	(1)
<b>No contract or other contract status.....</b>	129	2.3	25.9	1.3	275.6	.8
General wage changes.....	40	.7	5.3	.3	48.4	.1
Supplementary benefits.....	1	(1)	.1	(1)	.2	(1)
Wage adjustments.....	5	.1	2.3	.1	22.0	.1
Hours of work.....	1	(1)	(2)	(1)	(2)	(1)
Other contractual matters.....	4	.1	.9	(1)	57.6	.2
Union organization and security.....	27	.5	2.2	.1	25.6	.1
Job security.....	9	.2	2.1	.1	14.5	(1)
Plant administration.....	30	.5	11.0	.5	43.2	.1
Other working conditions.....	2	(1)	.1	(1)	.9	(1)
Interunion and intraunion matters.....	10	.2	1.7	.1	63.3	.2
Not reported.....	-	-	-	-	-	-
<b>No information.....</b>	221	4.0	27.6	1.4	1,065.6	3.0

<sup>1</sup> Less than 0.05 percent.

<sup>2</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 11. Work stoppages by major issue, 1977**

(Workers and days idle in thousands)

Major issue	Stoppages beginning in year				Days idle during year (all stoppages)	
	Stoppages		Workers involved		Number	Percent
	Number	Percent	Number	Percent		
All stoppages.....	5,506	100.0	2,040.1	100.0	35,821.8	100.0
General wage changes.....	3,135	56.9	899.5	44.1	21,694.8	60.6
General wage increase.....	902	16.4	203.8	10.3	3,956.5	11.0
General wage increase plus supplementary benefits.....	1,838	33.4	526.6	25.8	13,872.9	38.7
General wage increase, hour decrease.....	7	.1	.9	(1)	16.2	(1)
General wage decrease.....	2	(1)	.1	(1)	1.4	(1)
Cost-of-living increase.....	29	.5	8.3	.4	239.1	.7
General wage and cost-of-living increase.....	140	2.5	53.7	2.6	1,798.7	5.0
Wages and working conditions.....	217	3.9	100.2	4.9	1,809.9	5.1
Supplementary benefits.....	78	1.4	22.8	1.1	453.5	1.3
Pensions, insurance, and other welfare programs.....	40	.7	10.0	.5	279.4	.8
Severance or dismissal pay, and other payments on layoff or separation.....	-	-	-	-	(2)	(1)
Premium pay.....	16	.3	2.2	.1	42.0	.1
Other.....	22	.4	10.6	.5	132.1	.4
Wage adjustments.....	141	2.6	65.3	3.2	1,625.3	4.5
Incentive pay rates or administration.....	28	.5	29.2	1.4	1,501.3	4.2
Job classification or rates.....	60	1.1	12.8	.6	66.5	.2
Downgrading.....	3	.1	.3	(1)	15.4	(1)
Retroactivity.....	3	.1	.1	(1)	.8	(1)
Method of computing pay.....	47	.9	22.8	1.1	41.3	.1
Hours of work.....	15	.3	2.8	.1	84.8	.2
Increase.....	5	.1	2.1	.1	19.5	.1
Decrease.....	10	.2	.7	(1)	65.4	.2
Other contractual matters.....	276	5.0	71.4	3.5	1,350.7	3.8
Duration of contract.....	15	.3	1.6	.1	71.4	.2
Local issues supplementing national contract.....	16	.3	29.8	1.5	116.7	.3
Unspecified.....	245	4.4	39.9	2.0	1,162.6	3.2
Union organization and security.....	252	4.6	41.2	2.0	955.0	2.7
Recognition (certification).....	69	1.3	4.9	.2	121.4	.3
Recognition and job or union security issues.....	18	.3	1.5	.1	40.1	.1
Strengthening bargaining position and economic issues.....	6	.1	.1	(1)	3.5	(1)
Union security.....	49	.9	10.2	.5	449.2	1.3
Refusal to sign agreement.....	39	.7	8.9	.4	175.8	.5
Other.....	48	.9	12.7	.6	156.9	.4
Other.....	23	.4	2.9	.1	8.1	(1)
Job security.....	211	3.8	99.8	4.9	1,708.9	4.8
Seniority and/or layoff.....	57	1.0	34.3	1.7	405.8	1.1
Division of work.....	6	.1	1.1	.1	4.9	(1)
Subcontracting.....	16	.3	2.9	.1	19.5	.1
New machinery or other technological issues.....	5	.1	16.0	.8	311.4	.9
Job transfers, bumping, etc.....	6	.1	.9	(1)	16.3	(1)
Transfer of operations or prefabricated goods.....	1	(1)	(3)	(1)	.1	(1)
Job security and economic issues.....	68	1.2	33.8	1.7	909.3	2.5
Other.....	52	.9	10.8	.5	41.5	.1
Plant administration.....	1,002	18.2	696.8	34.2	7,249.2	20.2
Physical facilities, surroundings, etc.....	123	2.2	30.7	1.5	245.4	.7
Safety measures, dangerous equipment, etc.....	135	2.5	48.3	2.4	123.3	.3
Supervision.....	61	1.1	25.0	1.2	107.6	.3
Shift work.....	35	.6	8.3	.4	33.6	.1
Work assignments.....	112	2.0	31.9	1.6	160.1	.4
Speedup (workload).....	31	.6	14.5	.7	380.6	1.1
Work rules.....	50	.9	105.4	5.2	837.7	2.3
Overtime work.....	54	1.0	17.7	.9	156.5	.4
Discharge and discipline.....	205	3.7	253.3	12.4	3,374.4	9.4
Other.....	196	3.6	161.9	7.9	1,829.9	5.1
Other working conditions.....	137	2.5	62.7	3.1	338.8	.9
Arbitration.....	22	.4	18.3	.9	151.3	.4
Grievance procedures.....	34	.6	17.2	.8	97.5	.3
Unspecified contract violations.....	81	1.5	27.2	1.3	90.0	.3
Interunion or intraunion matters.....	246	4.5	77.1	3.8	335.4	.9
Union rivalry &/.....	2	(1)	.2	(1)	1.1	(1)
Jurisdiction-representation of workers &/.....	3	.1	.1	(1)	.5	(1)
Jurisdiction-work assignment.....	136	2.5	20.7	1.0	63.7	.2
Union administration &/.....	14	.3	7.6	.4	11.1	(1)
Sympathy.....	91	1.7	48.6	2.4	259.1	.7
Other.....	-	-	-	-	-	-
Not reported.....	13	.2	.5	(1)	25.4	.1

<sup>1</sup> Less than 0.05 percent.

<sup>2</sup> Idleness resulting from stoppage(s) beginning in prior year(s).

<sup>3</sup> Fewer than 50.

<sup>4</sup> Includes disputes between unions of different affiliation, such as those between AFL-CIO affiliates and independent organizations.

<sup>5</sup> Includes disputes between unions, usually of the same affiliation or between 2 locals of the

same union, over representation of workers.

<sup>6</sup> Includes disputes within a union over the administration of union affairs or regulations.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 12. Work stoppages by industry group and major issue, 1977**

[Workers and days idle in thousands]

Industry group	Total			General wage changes			Supplementary benefits		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries.....	1/5,506	2,040.1	35,821.8	3,135	899.5	21,694.8	78	22.8	453.5
Manufacturing.....	1/2,537	787.7	18,331.4	1,829	478.9	13,889.6	42	17.3	405.9
Ordnance and accessories.....	3	1.8	46.3	2	1.8	46.1	-	-	-
Food and kindred products.....	221	54.0	1,501.4	187	44.4	1,260.0	3	.5	25.2
Tobacco manufactures.....	6	7.4	167.6	6	7.4	167.6	-	-	-
Textile mill products.....	40	4.3	86.4	31	3.3	71.5	3	.6	9.6
Apparel, etc. 2/.....	65	10.3	182.7	26	3.8	92.9	3	.3	3.2
Lumber and wood products, except furniture.....	78	19.5	340.7	53	10.3	129.1	1	.4	1.5
Furniture and fixtures.....	93	10.7	202.8	77	8.0	173.3	-	-	-
Paper and allied products.....	82	24.1	507.8	56	8.9	194.4	3	2.7	132.2
Printing, publishing, and allied industries.....	57	9.7	241.2	43	8.5	215.1	-	-	-
Chemicals and allied products.....	111	19.3	636.0	80	10.1	314.1	3	.3	7.8
Petroleum refining and related industries.....	23	6.3	172.3	18	2.9	72.5	1	.4	13.1
Rubber and miscellaneous plastics products.....	88	14.7	343.4	69	10.4	268.5	-	-	-
Leather and leather products.....	19	6.9	259.0	8	2.0	52.4	1	.2	.4
Stone, clay, and glass products.....	139	44.8	987.8	116	40.2	966.6	1	(3)	.1
Primary metal industries.....	239	90.6	2,166.8	160	56.9	1,715.1	6	2.7	46.5
Fabricated metal products 3/.....	354	57.2	1,466.0	286	43.5	1,222.2	3	.9	4.1
Machinery, except electrical.....	451	139.6	3,266.9	331	91.8	2,623.3	7	.9	45.3
Electrical machinery, equipment, and supplies.....	199	76.2	1,076.3	98	23.6	639.2	2	.2	13.6
Transportation equipment.....	189	172.0	4,175.5	124	88.5	3,316.0	4	7.0	87.1
Instruments, etc. 5/.....	39	8.7	216.4	28	5.7	140.1	-	-	-
Miscellaneous manufacturing industries.....	48	9.5	288.1	34	6.8	209.4	1	.2	16.2
Nonmanufacturing.....	1/2,970	1,252.3	17,485.8	1,307	420.6	7,805.2	36	5.4	47.6
Agriculture, forestry, and fisheries....	10	1.1	23.7	3	.5	9.8	1	.1	4.3
Mining.....	999	676.4	7,280.5	33	11.5	384.0	-	-	(6) .4
Contract construction.....	486	217.5	3,284.4	260	173.1	2,853.0	8	1.3	17.0
Transportation, communication, electric, gas, and sanitary services..	303	56.1	2,157.1	208	27.2	1,040.6	7	.2	4.9
Wholesale and retail trade.....	486	86.3	1,988.0	359	69.9	1,690.2	7	1.0	15.5
Finance, insurance, and real estate.....	23	2.8	96.6	15	1.0	21.4	-	-	-
Services.....	250	41.9	889.8	148	26.3	558.0	1	.1	1.0
Government 1/.....	413	170.2	1,765.7	281	111.1	1,248.2	12	2.8	4.4

See footnotes at end of table.

Table 12. Work stoppages by industry group and major issue, 1977—Continued

(Workers and days idle in thousands)

Industry group	Wage adjustments			Hours of work			Other contractual matters		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries.....	1/141	65.3	1,625.3	15	2.8	84.8	276	71.4	1,350.7
Manufacturing.....	1/58	15.9	184.9	10	.6	60.9	131	50.6	829.9
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	1	.2	2.6	-	-	-	6	.6	29.7
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	-	-	-	-	-	-	2	.1	3.7
Apparel, etc. 1/.....	3	2.3	28.3	-	-	-	12	1.3	25.1
Lumber and wood products, except furniture.....	1	.1	.6	-	-	-	8	3.2	157.4
Furniture and fixtures.....	1	(3)	.6	-	-	-	4	.4	8.7
Paper and allied products.....	-	-	-	1	.1	.9	6	1.3	35.3
Printing, publishing, and allied industries.....	2	.2	2.3	1	(3)	.1	1	(3)	.2
Chemicals and allied products.....	3	.3	16.3	1	.1	7.4	3	.1	1.2
Petroleum refining and related industries.....	-	-	-	-	-	-	-	-	-
Rubber and miscellaneous plastics products.....	1	.2	4.0	-	-	-	1	(3)	2.2
Leather and leather products.....	3	1.2	5.0	-	-	-	1	.1	.4
Stone, clay, and glass products.....	1	.2	.2	-	-	-	6	.7	6.4
Primary metal industries.....	7	1.7	64.4	-	-	-	16	9.9	74.6
Fabricated metal products 4/.....	4	2.4	18.0	4	.1	4.0	16	2.0	64.2
Machinery, except electrical.....	8	1.3	11.5	2	.3	45.5	18	1.8	60.9
Electrical machinery, equipment, and supplies.....	16	3.9	8.6	1	(3)	3.1	8	4.0	15.1
Transportation equipment.....	6	2.0	22.5	-	-	-	15	22.5	251.0
Instruments, etc. 5/.....	1	(3)	.1	-	-	-	2	1.5	54.2
Miscellaneous manufacturing industries..	-	-	-	-	-	-	6	1.0	39.6
Nonmanufacturing.....	1/83	49.4	1,440.4	5	2.2	23.9	145	20.8	520.7
Agriculture, forestry, and fisheries....	-	-	-	-	-	-	4	.4	4.6
Mining.....	51	27.5	1,274.3	-	-	-	3	1.0	7.3
Contract construction.....	6	5.6	69.4	1	.3	14.0	18	1.2	30.2
Transportation, communication, electric, gas, and sanitary services..	6	.3	3.0	-	-	-	18	3.8	181.9
Wholesale and retail trade.....	2	(3)	.2	2	.1	4.6	44	2.3	92.4
Finance, insurance, and real estate.....	2	.7	16.2	-	-	-	-	-	-
Services.....	2	.2	49.7	-	-	-	26	2.2	36.5
Government 7/.....	14	15.0	27.5	2	1.8	5.3	32	9.8	167.8

See footnotes at end of table. 1

**Table 12. Work stoppages by industry group and major issue, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Union organization and security			Job security			Plant administration		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries.....	1/252	41.2	955.0	211	99.8	1,708.9	1,002	696.8	7,209.2
Manufacturing.....	1/109	21.6	601.3	90	47.2	771.3	199	116.8	1,291.5
Ordnance and accessories.....	1	(3)	.1	-	-	-	-	-	-
Food and kindred products.....	7	.8	25.9	6	2.2	27.8	7	4.4	117.6
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	2	(3)	1.1	1	(3)	.1	1	.2	.4
Apparel, etc. 2/.....	11	1.0	10.4	2	.1	11.0	3	1.0	8.3
Lumber and wood products, except furniture.....	7	.8	16.2	3	.5	7.6	4	4.0	19.9
Furniture and fixtures.....	4	1.2	5.9	5	.9	11.5	1	(3)	(3)
Paper and allied products.....	2	.1	2.2	3	.2	7.3	7	2.8	61.6
Printing, publishing, and allied industries.....	3	(3)	9.4	4	.1	12.9	2	.7	.8
Chemicals and allied products.....	7	.5	22.5	5	6.2	226.2	6	1.3	33.5
Petroleum refining and related industries.....	1	.8	29.8	1	.6	14.2	2	1.5	42.8
Rubber and miscellaneous plastics products.....	4	.2	9.5	2	.3	24.0	10	3.5	32.7
Leather and leather products.....	3	2.8	193.1	1	.2	6.4	2	.3	1.1
Stone, clay, and glass products.....	4	.1	4.1	2	.2	1.2	6	1.5	5.7
Primary metal industries.....	5	3.9	50.5	8	4.8	35.9	30	9.1	118.8
Fabricated metal products 4/.....	13	2.1	97.3	8	1.3	14.9	15	4.7	37.8
Machinery, except electrical.....	11	.6	18.7	14	17.5	265.2	52	22.4	154.5
Electrical machinery, equipment, and supplies.....	5	.3	31.3	13	6.9	42.7	33	25.6	264.7
Transportation equipment.....	12	5.7	50.3	9	4.6	51.3	16	32.0	380.2
Instruments, etc. 5/.....	3	.2	12.7	1	(3)	1.1	4	1.2	8.2
Miscellaneous manufacturing industries..	4	.4	10.3	2	.7	10.0	1	.4	2.7
Nonmanufacturing.....	1/142	19.5	349.2	121	52.6	937.5	804	580.1	5,957.7
Agriculture, forestry, and fisheries....	1	(3)	.5	1	(3)	4.5	-	-	-
Mining.....	8	1.1	7.5	43	10.3	29.2	693	539.1	5,276.1
Contract construction.....	35	5.5	56.3	10	9.9	98.9	19	7.6	70.0
Transportation, communication, electric, gas, and sanitary services..	13	.4	21.1	15	18.8	583.2	26	4.6	383.5
Wholesale and retail trade.....	30	1.6	67.9	18	1.3	61.2	18	8.8	52.3
Finance, insurance, and real estate.....	3	.9	54.4	2	.1	3.5	-	-	-
Services.....	32	2.3	100.0	21	7.8	127.4	11	2.3	15.6
Government 1/.....	20	7.5	41.5	11	4.4	29.7	37	17.6	240.1

See footnotes at end of table.

**Table 12. Work stoppages by industry group and major issue, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Other working conditions			Interunion or intraunion matters			Not reported		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries.....	1/137	62.7	338.8	246	77.1	335.4	13	0.5	25.4
Manufacturing.....	1/50	27.4	212.0	14	11.2	78.9	5	.2	5.0
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	3	.9	11.8	1	(3)	.7	-	-	-
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	-	-	-	-	-	-	-	-	-
Apparel, etc. 2/.....	3	.2	2.5	1	-.3	.5	1	(3)	.4
Lumber and wood products, except furniture.....	1	.3	8.3	-	-	-	-	-	-
Furniture and fixtures.....	1	.1	2.7	-	-	-	-	-	-
Paper and allied products.....	1	6.3	12.6	3	1.6	61.2	-	-	-
Printing, publishing, and allied industries.....	-	-	-	1	-.1	.3	-	-	-
Chemicals and allied products.....	2	.1	2.3	1	.5	4.8	-	-	-
Petroleum refining and related industries.....	-	-	-	-	-	-	-	-	-
Rubber and miscellaneous plastics products.....	1	.1	2.6	-	-	-	-	-	-
Leather and leather products.....	-	-	-	-	-	-	-	-	-
Stone, clay, and glass products.....	3	1.9	3.4	-	-	-	-	-	-
Primary metal industries.....	6	1.6	60.9	1	(3)	.1	-	-	-
Fabricated metal products 3/.....	3	.3	.5	1	-.1	1.5	1	(3)	1.6
Machinery, except electrical.....	6	3.1	39.8	-	-	-	2	.1	2.2
Electrical machinery, equipment, and supplies.....	19	11.0	56.3	4	.6	1.8	-	-	-
Transportation equipment.....	1	1.6	8.3	1	8.0	8.0	1	.1	.9
Instruments, etc. 5/.....	-	-	-	-	-	-	-	-	-
Miscellaneous manufacturing industries..	-	-	-	-	-	-	-	-	-
Nonmanufacturing.....	1/87	35.3	126.8	232	66.0	256.5	8	.4	20.4
Agriculture, forestry, and fisheries....	-	-	-	-	-	-	-	-	-
Mining.....	66	33.1	91.2	102	52.9	210.3	2	-	-
Contract construction.....	7	1.2	31.2	120	11.7	44.1	2	(3)	.1
Transportation, communication, electric, gas, and sanitary services..	-	-	-	7	.5	1.0	3	.2	18.2
Wholesale and retail trade.....	2	.1	1.1	3	1.0	1.1	1	(3)	1.5
Finance, insurance, and real estate.....	1	(3)	1.1	-	-	-	-	-	-
Services.....	8	.7	1.4	-	-	-	1	.1	.1
Government 7/.....	3	.2	.8	-	-	-	1	(3)	.5

<sup>1</sup> The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in two or more groups have been counted in each. Workers involved and days idle have been allocated among the respective groups.

<sup>2</sup> Includes other finished products made from fabrics and similar materials.

<sup>3</sup> Fewer than 50.

<sup>4</sup> Excludes ordnance, machinery, and transportation equipment.

<sup>5</sup> Includes professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.

<sup>6</sup> Idleness resulting from stoppage(s) beginning in prior year(s).

<sup>7</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 13. Work stoppages by major issue and size, 1977**

(Workers and days idle in thousands)

Major issue	Total	6 and under 20 workers	20 and under 100 workers	100 and under 250 workers	250 and under 500 workers	500 and under 1,000 workers	1,000 and under 5,000 workers	5,000 and under 10,000 workers	10,000 workers or more
<b>Stoppages beginning in year</b>									
All issues.....	5,506	700	2,141	1,270	707	390	252	28	18
General wage changes.....	3,135	394	1,325	754	345	172	123	13	9
Supplementary benefits.....	78	6	35	13	12	9	2	1	-
Wage adjustments.....	141	17	47	30	22	16	6	2	1
Hours of work.....	15	4	6	2	1	2	-	-	-
Other contractual matters.....	276	70	115	39	21	17	11	3	-
Union organization and security.....	252	74	103	45	13	11	6	-	-
Job security.....	211	13	81	42	39	17	16	2	1
Plant administration.....	1,002	51	296	270	212	103	59	5	6
Other working conditions.....	137	10	40	35	21	15	10	1	1
Interunion or intraunion matters.....	246	55	83	39	21	28	19	1	-
Not reported.....	13	6	6	1	-	-	-	-	-
<b>Workers involved</b>									
All issues.....	2,040.1	8.4	109.9	200.0	249.3	260.6	495.4	185.8	530.7
General wage changes.....	899.5	4.8	67.7	115.8	119.2	115.8	229.0	82.3	164.9
Supplementary benefits.....	22.8	.1	1.7	1.9	3.7	6.3	3.3	5.9	-
Wage adjustments.....	65.3	.2	2.3	4.9	7.8	10.4	11.1	14.1	14.5
Hours of work.....	2.8	(1)	.3	.4	.3	1.8	-	-	-
Other contractual matters.....	71.4	.8	5.3	5.8	7.7	11.0	22.9	17.9	-
Union organization and security.....	41.2	.9	4.2	6.7	4.8	9.0	15.6	-	-
Job security.....	99.8	.2	4.4	7.3	13.6	10.5	37.1	15.2	11.4
Plant administration.....	696.8	.7	16.8	45.1	77.0	67.3	124.6	36.0	329.2
Other working conditions.....	62.7	.1	2.4	5.6	7.2	11.1	19.3	6.3	10.6
Interunion or intraunion matters.....	77.1	.6	4.3	6.4	7.9	17.4	32.5	8.0	-
Not reported.....	.5	.1	.3	.2	-	-	-	-	-
<b>Days idle during year</b>									
All issues.....	35,821.8	203.7	2,274.4	3,935.0	3,942.2	4,208.4	8,681.7	2,690.7	9,885.6
General wage changes.....	21,694.8	124.6	1,604.4	3,016.6	2,938.1	2,902.9	5,382.9	2,069.1	3,576.3
Supplementary benefits.....	453.5	2.0	27.1	46.3	94.6	129.7	72.0	81.7	-
Wage adjustments.....	1,625.3	2.2	31.6	37.7	26.0	101.5	99.3	74.1	1,252.9
Hours of work.....	84.8	.8	12.1	52.7	14.0	5.3	-	-	-
Other contractual matters.....	1,350.7	20.9	137.2	151.3	130.9	310.4	569.9	30.0	-
Union organization and security.....	955.0	31.9	162.3	274.6	62.1	154.5	267.1	2.6	-
Job security.....	1,708.9	4.7	114.0	128.8	180.1	155.4	730.8	122.8	272.3
Plant administration.....	7,249.2	8.9	63.2	184.4	397.2	348.1	1,214.7	289.8	4,743.0
Other working conditions.....	338.8	.3	16.7	12.1	71.7	60.1	124.1	12.6	41.2
Interunion or intraunion matters.....	335.4	3.5	18.1	16.9	27.5	40.4	220.9	8.0	-
Not reported.....	25.4	3.9	7.8	13.7	-	-	-	-	-

<sup>1</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 14. Work stoppages by industry, 1977**

Industry group	Stoppages beginning in year			Days idle during year (all stoppages)	
	Number	Mean duration (days) 1/	Workers involved	Number	Percent of est. total working time 2/
All industries.....	3/5,506	22.8	2,040.1	35,821.8	0.17
Manufacturing.....	3/2,537	29.4	787.7	18,331.4	.37
Ordnance and accessories.....	3	35.6	1.8	46.3	.12
Guns, howitzers, mortars, and related equipment.....	-	-	-	-	-
Ammunition, except for small arms.....	3	35.6	1.8	46.3	-
Tanks, and tank components.....	-	-	-	-	-
Sighting and fire control equipment.....	-	-	-	-	-
Small arms.....	-	-	-	-	-
Small arms ammunition.....	-	-	-	-	-
Ordnance and accessories not elsewhere classified.....	-	-	-	-	-
Food and kindred products.....	221	37.3	54.0	1,501.4	.35
Meat products.....	49	88.4	9.3	646.2	-
Dairy products.....	23	14.6	2.9	30.4	-
Canned and preserved fruits, vegetables, and sea foods.....	20	47.5	7.6	257.7	-
Grain mill products.....	22	22.9	2.9	44.8	-
Bakery products.....	29	24.6	5.0	87.1	-
Sugar.....	5	17.9	10.0	124.3	-
Confectionery and related products.....	6	18.1	3.7	45.2	-
Beverages.....	53	28.4	9.5	191.8	-
Miscellaneous food preparations and kindred products.....	15	32.3	3.1	73.9	-
Tobacco manufactures.....	6	33.1	7.4	167.6	.95
Cigarettes.....	4	32.9	6.0	135.9	-
Cigars.....	1	38.0	1.0	24.5	-
Tobacco (chewing and smoking) and snuff....	1	24.0	.4	7.2	-
Tobacco stemming and redrying.....	-	-	-	-	-
Textile mill products.....	40	26.3	4.3	86.4	.03
Broadwoven fabric mills, cotton.....	6	7.5	.8	4.2	-
Broadwoven fabric mills, man-made fiber and silk.....	1	20.0	.3	4.1	-
Broadwoven fabric mills, wool including dyeing and finishing.....	4	60.1	.3	11.0	-
Worsted fabrics and other smallwares mills: cotton, wool, silk, and man-made fiber....	1	49.0	.1	6.4	-
Knitting mills.....	8	20.6	.9	18.5	-
Dyeing and finishing textiles, except wool fabrics and knit goods.....	5	12.4	.4	3.6	-
Floor covering mills.....	2	18.8	.3	3.3	-
Yarn and thread mills.....	1	8.0	.2	1.0	-
Miscellaneous textile goods.....	12	48.7	1.0	34.3	-
Apparel and other finished products made from fabrics and similar materials.....	65	20.7	10.3	182.7	.06
Men's, youths', and boys' suits, coats, and overcoats.....	8	11.5	2.9	40.2	-
Men's, youths', and boys' furnishings, work clothing, and allied garments.....	10	17.3	1.8	25.7	-
Women's, misses', and juniors' outerwear....	19	29.8	1.5	36.6	-
Women's, misses', children's, and infants' undergarments.....	2	4.2	.5	1.7	-
Hats, caps, and millinery.....	3	13.7	.3	3.1	-
Girls', children's, and infants' outerwear....	3	9.8	1.1	15.6	-
Fur goods.....	-	-	-	-	-
Miscellaneous apparel and accessories.....	5	9.8	.2	10.2	-
Miscellaneous fabricated textile products..	15	36.1	2.0	49.6	-
Lumber and wood products, except furniture... Logging camps and logging contractors.....	78 5	16.2 24.3	19.5 1.0	340.7 16.7	.21
Sawmills and planing mills.....	27	10.8	11.2	85.6	-
Millwork, veneer, plywood, and prefabricated structural wood products....	29	21.2	4.5	180.9	-
Wooden containers.....	3	36.0	.5	12.2	-
Miscellaneous wood products.....	14	26.2	2.4	45.4	-
Furniture and fixtures.....	93	26.3	10.7	202.8	.16
Household furniture.....	59	25.1	6.5	122.5	-
Office furniture.....	13	31.1	2.9	58.1	-
Public buildings and related furniture....	3	18.2	.2	2.2	-
Partitions, shelving, lockers, and office and store fixtures.....	12	19.0	.7	12.6	-
Miscellaneous furniture and fixtures.....	6	27.5	.4	7.4	-
Paper and allied products.....	82	26.8	24.1	507.8	.29
Pulp mills.....	8	16.8	9.3	108.4	-
Pulp mills, except building paper mills....	15	42.8	4.8	155.2	-
Paperboard mills.....	7	28.8	1.5	32.6	-
Converted paper and paperboard products, except containers and boxes.....	26	28.1	4.2	95.2	-
Paperboard containers and boxes.....	22	38.2	3.9	108.8	-
Building paper and building board mills....	4	17.7	.5	7.6	-
Printing, publishing, and allied industries..	57	32.8	9.7	241.2	.09
Newspapers: publishing and printing.....	13	20.0	4.5	66.0	-
Periodicals: publishing and printing.....	2	11.5	1.2	9.4	-
Books.....	6	23.7	.4	13.5	-
Miscellaneous publishing.....	-	-	-	-	-
Commercial printing.....	30	63.9	3.3	144.2	-
Manifold business forms.....	1	9.0	.1	.3	-
Greeting card publishing.....	-	-	-	-	-
Blankbooks, loose leaf binders and bookbinding work.....	3	37.8	.1	2.5	-
Service industries for the printing trade..	2	35.1	(4)	5.2	-
Chemicals and allied industries.....	111	45.8	19.3	636.0	.24

See footnotes at end of table.



**Table 14. Work stoppages by industry, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Stoppages beginning in year			Days idle during year (all stoppages)	
	Number	Mean duration (days) 1/	Workers involved	Number	Percent of est. total working time 2/
Industrial inorganic and organic chemicals.	41	55.4	7.4	329.0	
Plastics materials and synthetic resins, synthetic rubber, and other man-made fibers, except glass.....	27	23.2	3.7	78.3	
Drugs.....	8	61.1	.4	16.2	
Soap, detergents, and cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	7	80.9	.7	37.6	
Paints, varnishes, lacquers, enamels, and allied products.....	10	34.5	1.0	24.2	
Gun and wood chemicals.....	3	17.5	.3	4.2	
Agricultural chemicals.....	5	48.1	.5	16.8	
Miscellaneous chemical products.....	11	46.1	5.3	129.7	
Petroleum refining and related industries....	23	38.2	6.3	172.3	0.33
Petroleum refining.....	14	39.5	5.8	157.6	
Paving and roofing materials.....	8	23.5	.5	14.0	
Miscellaneous products of petroleum and coal.....	1	23.0	(4)	.7	
Rubber and miscellaneous plastics products...	88	31.3	14.7	343.4	.20
Tires and inner tubes.....	14	18.3	6.0	76.2	
Rubber footwear.....	-	-	-	(5).5	
Reclaimed rubber.....	2	57.0	.1	4.7	
Fabricated rubber products not elsewhere classified.....	20	21.9	2.1	50.4	
Miscellaneous plastics products.....	52	47.1	6.4	211.6	
Leather and leather products.....	19	55.3	6.9	259.0	.39
Leather tanning and finishing.....	5	15.3	.9	10.0	
Industrial leather belting and packing.....	-	-	-	-	
Boot and shoe cut stock and findings.....	2	45.5	.8	26.8	
Footwear, except rubber.....	7	73.1	4.1	210.4	
Leather gloves and mittens.....	-	-	-	-	
Luggage.....	2	4.2	.3	1.1	
Handbags and other personal leather goods...	2	2.2	.2	.5	
Leather goods not elsewhere classified.....	1	-	.5	10.1	
Stone, clay, and glass products.....	139	28.8	44.8	987.8	.60
Flat glass.....	-	-	-	-	
Glass and glassware, pressed or blown.....	12	26.7	28.2	515.3	
Glass products, made from purchased glass..	8	10.3	1.2	10.3	
Cement, hydraulic.....	2	48.0	.3	20.8	
Structural clay products.....	8	14.6	.7	12.1	
Pottery and related products.....	8	34.0	1.9	57.9	
Concrete, gypsum, and plaster products.....	73	18.1	6.7	107.7	
Cut stone and stone products.....	3	18.8	.1	1.6	
Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	25	58.3	5.5	261.9	
Primary metal industries.....	239	26.7	90.6	2,166.8	.71
Blast furnaces, steel works, and rolling and finishing mills.....	51	29.8	12.6	373.0	
Iron and steel foundries.....	67	22.1	22.4	462.7	
Primary smelting and refining of nonferrous metals.....	12	32.5	25.1	540.7	
Secondary smelting and refining of nonferrous metals.....	9	39.7	1.0	34.3	
Rolling, drawing, and extruding of nonferrous metals.....	42	26.2	10.8	438.5	
Nonferrous foundries.....	43	15.3	15.7	210.0	
Miscellaneous primary metal products.....	15	49.0	3.1	107.6	
Fabricated metal products, except ordnance, machinery, and transportation equipment....	354	29.7	57.2	1,466.0	.40
Metal cans.....	14	24.1	2.9	59.8	
Cutlery, handtools, and general hardware....	34	24.9	7.6	138.5	
Heating apparatus (except electric) and plumbing fixtures.....	22	25.0	4.8	143.9	
Fabricated structural metal products.....	150	31.8	21.1	567.4	
Screw machine products, bolts, nuts, screws, and rivets.....	17	29.0	2.6	54.1	
Metal stampings.....	39	21.6	8.0	178.8	
Coating, engraving, and allied services....	27	29.3	1.7	59.1	
Miscellaneous fabricated wire products.....	12	39.9	2.0	54.0	
Miscellaneous fabricated metal products....	39	41.0	6.6	210.4	
Machinery, except electrical.....	451	28.4	139.6	3,266.9	.59
Engines and turbines.....	51	16.7	24.1	329.1	
Farm machinery and equipment.....	30	22.3	30.5	477.2	
Construction, mining, and materials handling machinery and equipment.....	64	32.5	24.2	601.0	
Metalworking machinery and equipment.....	73	39.6	14.6	569.2	
Special industry machinery, except metalworking machinery.....	60	37.6	8.9	271.3	
General industrial machinery and equipment.	82	32.1	19.7	550.0	
Office, computing, and accounting machines.	4	33.9	2.0	50.2	
Service industry machines.....	36	19.7	9.4	188.7	
Miscellaneous machinery, except electrical.	51	52.6	5.9	230.3	
Electrical machinery, equipment, and supplies.....	199	17.2	76.2	1,076.3	.22
Electric transmission and distribution equipment.....	41	7.5	20.0	149.7	
Electrical industrial apparatus.....	54	7.2	14.8	121.2	
Household appliances.....	20	42.9	9.1	312.4	
Electric lighting and wiring equipment....	31	30.8	7.2	159.2	
Radio and television receiving sets, except communication types.....	8	25.4	1.0	23.2	
Communication equipment.....	14	14.9	2.6	16.1	
Electronic components and accessories....	19	32.1	4.8	102.2	
Miscellaneous electrical machinery, equipment, and supplies.....	12	16.2	16.7	192.2	

See footnotes at end of table.

Table 14. Work stoppages by industry, 1977—Continued

(Workers and days idle in thousands)

Industry group	Stoppages beginning in year			Days idle during year (all stoppages)	
	Number	Mean duration (days) 1/	Workers involved	Number	Percent of est. total working time 2/
Transportation equipment.....	189	32.9	172.0	4,175.5	0.92
Motor vehicles and motor vehicle equipment.....	125	13.5	95.3	951.1	
Aircraft and parts.....	21	57.7	46.7	1,832.2	
Ship and boatbuilding and repairing.....	24	66.0	20.8	957.5	
Railroad equipment.....	14	32.2	8.7	420.8	
Motorcycles, bicycles, and parts.....	-	-	-	-	
Miscellaneous transportation equipment.....	6	27.8	.5	14.3	
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.....	39	35.2	8.7	216.4	.16
Engineering, laboratory, and scientific and research instruments and associated equipment.....	7	39.4	.9	25.1	
Instruments for measuring, controlling, and indicating physical characteristics.....	11	42.3	5.0	142.5	
Optical instruments and lenses.....	4	20.4	.6	8.2	
Surgical, medical, and dental instruments and supplies.....	7	31.5	.7	23.0	
Ophthalmic goods.....	3	19.5	.5	8.5	
Photographic equipment and supplies.....	3	7.7	.4	2.2	
Watches, clocks, clockwork operated devices and parts.....	4	16.5	.5	6.8	
Miscellaneous manufacturing industries.....	48	37.9	9.5	288.1	.27
Jewelry, silverware, and plated ware.....	2	7.0	.1	1.2	
Musical instruments.....	6	69.9	1.4	71.8	
Toys, amusement, sporting and athletic goods.....	9	30.3	4.4	91.3	
Pens, pencils, and other office and artists' materials.....	3	52.5	.6	23.5	
Costume jewelry, costume novelties, buttons, and miscellaneous notions, except precious metals.....	2	17.2	.1	.9	
Miscellaneous manufacturing industries.....	26	34.0	2.9	99.4	
Nonmanufacturing.....	3/2,970	18.2	1,252.3	17,485.8	.11
Agriculture, forestry, and fisheries.....	10	29.9	1.1	23.7	.01
Agricultural production.....	3	33.4	.3	6.1	
Agricultural services and hunting and trapping.....	6	29.4	.8	17.5	
Forestry.....	1	4.0	(4)	(4)	
Fisheries.....	-	-	-	-	
Mining.....	999	13.1	676.4	7,280.5	3.48
Metal mining.....	7	101.8	22.1	1,555.7	
Iron ores.....	1	124.8	14.5	1,252.3	
Copper ores.....	1	36.3	5.2	129.4	
Lead and zinc ores.....	1	135.0	1.5	136.5	
Gold and silver ores.....	-	-	-	(5) 22.8	
Bauxite and aluminum ores.....	1	-	-	-	
Ferroalloy ores except vanadium.....	1	-	.3	7.3	
Metal mining services.....	1	2.0	.2	.3	
Miscellaneous metal ores.....	2	38.0	.4	6.5	
Anthracite mining.....	-	-	-	-	
Bituminous coal and lignite.....	958	9.0	649.8	5,628.3	
Crude petroleum and natural gas.....	7	23.8	2.5	47.0	
Crude petroleum and natural gas.....	3	19.9	1.9	31.6	
Natural gas liquids.....	1	43.0	(4)	.8	
Oil and gas field services.....	3	36.0	.6	14.6	
Mining and quarrying of nonmetallic minerals, except fuels.....	27	33.5	2.1	49.5	
Dimension stone.....	1	115.0	.1	7.8	
Crushed and broken stone, including riprap.....	15	33.1	1.0	23.8	
Sand and gravel.....	6	37.2	.2	5.7	
Clay, ceramic, and refractory minerals... ..	1	-	.1	2.5	
Chemical and fertilizer mineral mining... ..	3	22.3	.6	9.1	
Nonmetallic minerals (except fuels) services.....	1	9.0	.1	.6	
Miscellaneous nonmetallic minerals, except fuels.....	-	-	-	-	
Contract construction.....	486	21.3	217.5	3,284.4	.34
Transportation, communication, electric, gas, and sanitary services.....	303	44.0	56.1	2,157.1	.19
Railroad transportation.....	2	4.5	.3	.9	
Railroads.....	2	4.5	.3	.9	
Sleeping car and other passenger car service.....	-	-	-	-	
Railway express service.....	-	-	-	-	
Local and suburban transit and interurban highway passenger transportation.....	44	24.9	3.9	136.5	.21
Local and suburban passenger transportation.....	15	29.4	1.0	80.2	
Taxicabs.....	6	31.4	1.2	26.6	
Intercity and rural highway passenger transportation.....	6	29.4	.6	13.4	
Passenger transportation charter service.....	3	24.2	.1	1.3	
School buses.....	13	10.3	1.0	14.6	
Terminal and service facilities for motor vehicle passenger transportation.....	1	27.0	(4)	.3	
Motor freight transportation and warehousing.....	144	35.5	9.7	559.3	.20
Trucking, local and long distance.....	128	36.5	8.7	538.8	
Public warehousing.....	15	27.8	1.0	20.1	
Terminal and joint terminal maintenance facilities for motor freight transportation.....	1	21.0	(4)	.4	

See footnotes at end of table.

**Table 14. Work stoppages by industry, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Stoppages beginning in year			Days idle during year (all stoppages)	
	Number	Mean duration (days) 1/	Workers involved	Number	Percent of est. total working time 2/
Water transportation.....	10	29.1	15.4	292.2	
Deep sea foreign transportation.....	1	5.0	2.0	6.0	
Deep sea domestic transportation.....	1	87.0	(4)	.7	
Great Lakes-St. Lawrence Seaway transportation.....	-	-	-	-	
Transportation on rivers and canals.....	-	-	-	-	
Local water transportation.....	3	4.6	.2	.6	
Services incidental to water transportation.....	6	33.0	13.2	284.8	
Transportation by air.....	13	73.9	1.6	87.0	
Air transportation, certificated carriers.....	2	147.0	.6	59.6	
Air transportation, noncertificated carriers.....	1	8.0	.1	.5	
Fixed facilities and services related to air transportation.....	10	43.3	.9	26.9	
Pipe line transportation.....	-	-	-	-	
Transportation services.....	4	30.3	.4	8.5	
Freight forwarding.....	3	28.8	.1	2.5	
Arrangement of transportation.....	-	-	-	-	
Stock yards.....	-	-	-	-	
Rental of railroad cars.....	-	-	-	-	
Miscellaneous services incidental to transportation.....	1	31.0	.3	6.0	
Communication.....	33	50.8	7.5	276.7	
Telephone communication (wire or radio).....	13	14.3	4.8	57.0	
Telegraph communication (wire or radio).....	-	-	-	-	
Radio broadcasting and television.....	14	120.4	2.5	213.8	
Communication service, not elsewhere classified.....	6	41.9	.1	5.9	
Electric, gas, and sanitary services.....	53	61.4	17.2	796.0	
Electric companies and systems.....	31	49.6	8.4	304.9	
Gas companies and systems.....	5	114.6	4.3	390.3	
Combination companies and systems.....	4	30.5	4.0	85.0	
Water supply.....	4	99.3	.2	10.4	
Sanitary services.....	8	26.3	.3	5.4	
Steam supply.....	-	-	-	-	
Irrigation systems.....	1	4.0	(4)	(4)	
Wholesale and retail trade.....	486	27.1	86.3	1,988.0	0.04
Wholesale trade.....	278	29.0	48.6	1,069.1	
Motor vehicle and automotive equipment.....	32	37.1	2.5	69.2	
Drugs, chemicals, and allied products.....	7	39.9	.5	14.1	
Piece goods, notions, apparel.....	10	30.9	.4	8.9	
Groceries and related products.....	49	17.4	21.5	284.9	
Farm products-raw materials.....	15	53.4	1.2	45.5	
Electrical goods.....	20	6.5	3.4	17.8	
Hardware, and plumbing and heating equipment and supplies.....	9	78.8	1.8	98.3	
Machinery, equipment, and supplies.....	50	45.6	11.0	392.2	
Miscellaneous wholesalers.....	86	31.8	6.2	138.2	
Retail trade.....	209	24.3	37.7	918.9	.03
Building materials, hardware, and farm equipment dealers.....	24	58.0	1.4	60.8	
Lumber and other building material dealers.....	18	60.3	1.2	51.6	
Plumbing, heating, and air conditioning equipment dealers.....	2	35.0	.1	7.5	
Paint, glass, and wallpaper stores.....	3	31.9	.1	1.6	
Electrical supply stores.....	1	14.0	(4)	.1	
Hardware and farm equipment Dealers.....	-	-	-	-	
General merchandise stores.....	11	33.9	.4	11.8	
Department stores.....	5	48.1	.2	7.2	
Mail order houses.....	-	-	-	-	
Variety stores.....	1	159.0	(4)	2.1	
Merchandising machine operators.....	2	25.5	(4)	.7	
Direct selling establishments.....	-	-	-	-	
Miscellaneous general merchandise stores.....	3	13.3	.2	1.8	
Food stores.....	62	19.1	28.8	493.1	
Grocery stores.....	48	20.1	25.5	457.9	
Meat and fish (sea food) markets.....	-	-	-	(5)3.1	
Fruit stores and vegetable markets.....	1	23.0	.1	1.1	
Candy, nuts, and confectionery stores.....	2	7.3	.4	1.8	
Dairy products stores.....	1	10.0	.1	.4	
Retail bakeries.....	8	12.1	2.8	28.0	
Miscellaneous food stores.....	2	9.5	(4)	.8	
Automotive dealers and gasoline service stations.....	45	37.8	4.0	259.8	
Motor vehicle dealers (new and used cars).....	38	38.4	3.7	251.8	
Motor vehicle dealers (used cars only).....	-	-	-	-	
Tire, battery, and accessory dealers.....	6	28.2	.2	4.3	
Gasoline service stations.....	1	47.0	(4)	3.7	
Miscellaneous aircraft, marine, and automotive dealers.....	-	-	-	-	
Apparel and accessory stores.....	6	37.0	.2	4.3	
Men's and boys' clothing and furnishings stores.....	-	-	-	-	
Women's ready-to-wear stores.....	5	49.7	.1	4.2	
Women's accessory and specialty stores.....	-	-	-	-	
Children's and infants' wear stores.....	-	-	-	-	
Family clothing stores.....	1	5.0	(4)	.1	
Shoe stores.....	-	-	-	-	
Custom tailors.....	-	-	-	-	
Furrier and fur shops.....	-	-	-	-	
Miscellaneous apparel and accessory stores.....	-	-	-	-	
Furniture, home furnishings, and equipment stores.....	14	33.5	.6	17.7	
Furniture, home furnishings, and equipment stores, except appliances.....	14	33.5	.6	17.7	
Household appliance stores.....	-	-	-	-	
Radio, television, and music stores.....	-	-	-	-	

See footnotes at end of table.

**Table 14. Work stoppages by industry, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Stoppages beginning in year			Days idle during year (all stoppages)	
	Number	Mean duration (days) 1/	Workers involved	Number	Percent of est. total working time 2/
Eating and drinking places.....	23	39.7	1.1	33.7	
Miscellaneous retail stores.....	24	42.5	1.3	37.7	
Drug stores and proprietary stores.....	8	46.5	.8	25.7	
Liquor stores.....	-	-	-	-	
Antique stores and secondhand stores...	1	109.0	(4)	2.3	
Book and stationery stores.....	4	74.5	.1	3.4	
Sporting goods stores and bicycle shops.....	-	-	-	-	
Farm and garden supply stores.....	2	32.0	.2	3.3	
Jewelry stores.....	-	-	-	-	
Fuel and ice dealers.....	7	20.1	.2	2.8	
Retail stores, not elsewhere classified.....	2	5.0	(4)	.2	
Finance, insurance, and real estate.....	23	30.7	2.8	96.6	0.01
Banking.....	2	87.0	(4)	2.5	
Federal reserve banks.....	1	-	(4)	.1	
Commercial and stock savings banks.....	1	87.0	(4)	2.4	
Mutual savings banks.....	-	-	-	-	
Trust companies not engaged in deposit banking.....	-	-	-	-	
Establishments performing functions closely related to banking.....	-	-	-	-	
Credit agencies other than banks.....	-	-	-	(5) .1	
Rediscount and financing institutions for credit agencies other than banks.....	-	-	-	-	
Savings and loan associations.....	-	-	-	-	
Agricultural credit institutions.....	-	-	-	-	
Personal credit institutions.....	-	-	-	(5) .1	
Business credit institutions.....	-	-	-	-	
Loan correspondents and brokers.....	-	-	-	-	
Security and commodity brokers, dealers, exchanges, and services.....	2	32.4	.7	16.9	
Security brokers dealers, and flotation companies.....	-	-	-	-	
Commodity contracts brokers and dealers..	-	-	-	-	
Security and commodity exchanges.....	-	-	-	-	
Services allied with the exchange of securities or commodities.....	2	32.4	.7	16.9	
Insurance carriers.....	8	19.9	1.5	63.4	
Life insurance.....	5	21.2	.8	6.3	
Accident and health insurance.....	2	10.0	1.0	54.9	
Fire, marine and casualty insurance.....	-	-	-	-	
Surety insurance.....	-	-	-	-	
Title insurance.....	-	-	-	-	
Insurance carriers, not elsewhere classified.....	1	39.0	(4)	2.2	
Insurance agents, brokers, and service.....	-	-	-	-	
Real estate.....	7	39.9	.2	6.6	
Real estate operators (except developers) and lessors.....	-	-	-	-	
Agents, brokers, and managers.....	2	41.6	(4)	1.1	
Title abstract companies.....	-	-	-	-	
Subdividers and developers.....	5	39.5	.1	5.5	
Operative builders.....	-	-	-	-	
Combinations of real estate, insurance, loans, law offices.....	-	-	-	-	
Holding and other investment companies.....	4	35.2	.3	7.2	
Holding companies.....	2	38.2	.3	6.9	
Investment companies.....	-	-	-	-	
Trusts.....	2	9.0	.1	.2	
Miscellaneous investing institutions.....	-	-	-	-	
Services.....	250	25.1	41.9	889.8	.03
Hotels, rooming houses, camps, and other lodging places.....	13	36.6	1.0	73.5	
Hotels, tourist camps, and motels.....	12	39.9	.9	73.5	
Rooming and boarding houses.....	-	-	-	-	
Trailer parks and camps.....	-	-	-	-	
Organization hotels and lodging houses, on membership basis.....	1	1.0	1.1	.1	
Personal service.....	17	19.7	1.1	15.0	
Laundries, laundry services, and cleaning and dyeing plants.....	16	18.4	1.0	13.6	
Photographic studios, including commercial photography.....	1	67.0	(4)	1.3	
Beauty shops.....	-	-	-	-	
Barber shops.....	-	-	-	(5) .1	
Shoe repair shops, shoe shine parlors, and hat cleaning shops.....	-	-	-	-	
Funeral services and crematories.....	-	-	-	-	
Garment pressing, alteration, and repair.....	-	-	-	-	
Miscellaneous personal services.....	-	-	-	-	
Miscellaneous business services.....	72	14.5	10.8	178.2	
Advertising.....	13	30.3	.9	19.2	
Consumer credit reporting agencies, mercantile reporting agencies, and adjustment and collection agencies.....	1	142.0	(4)	.6	
Duplicating addressing, blueprinting, photocopying mailing list, and stenographic services.....	5	20.7	.5	7.9	
Services to dwellings and other buildings	14	6.0	4.2	21.0	
News syndicates.....	3	29.3	.3	14.0	
Private employment agencies.....	-	-	-	-	
Business services, not elsewhere classified.....	36	19.0	4.8	115.5	
Automobile repair, automobile services and garages.....	11	27.2	.6	11.8	
Automobile rentals, without drivers.....	3	30.5	.1	2.0	
Automobile parking.....	1	27.0	(4)	.2	
Automobile repair shops.....	7	26.7	.5	9.6	
Automobile services, except repair.....	-	-	-	-	
Miscellaneous repair services.....	18	24.8	1.5	26.0	
Electrical repair shops.....	7	4.0	.7	2.2	

See footnotes at end of table.

**Table 14. Work stoppages by industry, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Stoppages beginning in year			Days idle during year (all stoppages)	
	Number	Mean duration (days) <sup>1/</sup>	Workers involved	Number	Percent of est. total working time <sup>2/</sup>
Watch, clock, and jewelry repair.....	-	-	-	-	
Upholstery and furniture repair.....	-	-	-	-	
Miscellaneous repair shops and related services.....	11	43.9	0.8	23.7	
Motion pictures.....	3	24.1	.2	2.7	
Amusement and recreation services, except motion pictures.....	15	19.8	3.9	63.5	
Medical and other health services.....	56	27.4	14.1	305.8	
Legal services.....	1	7.0	.3	1.3	
Educational services.....	26	37.6	6.4	163.4	
Museums, art galleries, botanical and zoological gardens.....	-	-	-	-	
Nonprofit membership organizations.....	16	32.4	1.9	45.1	
Private households.....	1	84.0	.1	4.6	
Miscellaneous services.....	3	22.4	.2	3.5	
Government <sup>3/</sup> .....	413	15.0	170.2	1,765.7	0.05
Federal.....	2	1.3	.4	.5	
State.....	44	8.1	33.7	181.9	
County.....	73	20.7	24.0	264.3	
City.....	192	16.2	72.0	864.7	
Special district.....	102	15.7	40.2	454.3	

<sup>1</sup> Mean duration is calculated only for stoppages ending in the year, and is weighted by multiplying the duration of each stoppage by the workers involved.

<sup>2</sup> See footnote 3, table 1.

<sup>3</sup> The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in two or more groups have been counted in each. Workers involved and days idle have been allocated among the respective groups.

<sup>4</sup> Fewer than 50.

<sup>5</sup> Idleness due to stoppage(s) beginning in prior year(s).

<sup>6</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 15. Work stoppages by industry group and occupation, 1977**

(Workers and days idle in thousands)

Industry group	Total			Professional and technical			Clerical		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries.....	1,550.6	2,040.1	35,821.8	184	69.6	760.7	42	8.5	202.6
Manufacturing.....	1,253.7	787.7	18,331.4	6	.4	7.3	6	.6	6.5
Ordnance and accessories.....	3	1.8	46.3	-	-	-	-	-	-
Food and kindred products.....	221	58.0	1,501.4	1	.1	.5	-	-	-
Tobacco manufactures.....	6	7.4	167.6	-	-	-	-	-	-
Textile mill products.....	40	4.3	86.4	-	-	-	-	-	-
Apparel, etc. 2/.....	65	10.3	182.7	-	-	-	-	-	-
Lumber and wood products, except furniture.....	78	19.5	380.7	-	-	-	-	-	-
Furniture and fixtures.....	93	10.7	202.8	-	-	-	-	-	-
Paper and allied products.....	82	24.1	507.8	-	-	-	-	-	-
Printing, publishing, and allied industries.....	57	9.7	241.2	-	-	-	-	-	-
Chemicals and allied products.....	111	19.3	636.0	-	-	-	-	-	-
Petroleum refining and related industries.....	23	6.3	172.3	-	-	-	-	-	-
Rubber and miscellaneous plastics products.....	88	14.7	343.4	-	-	-	-	-	-
Leather and leather products.....	19	6.9	259.0	-	-	-	-	-	-
Stone, clay, and glass products.....	139	44.8	987.8	-	-	-	-	-	-
Primary metal industries.....	239	90.6	2,166.8	-	-	-	2	.2	2.9
Fabricated metal products 3/.....	354	57.2	1,466.0	1	(4)	.4	-	-	-
Machinery, except electrical.....	451	139.6	3,266.9	3	.3	6.2	2	.1	3.2
Electrical machinery, equipment, and supplies.....	199	76.2	1,076.3	-	-	-	1	.2	.2
Transportation equipment.....	185	172.0	4,175.5	-	-	-	-	-	-
Instruments, etc. 5/.....	39	8.7	216.4	1	(4)	.1	1	(4)	.1
Miscellaneous manufacturing industries..	48	9.5	288.1	-	-	-	-	-	-
Nonmanufacturing.....	1,297.0	1,252.3	17,485.8	178	69.2	753.4	36	7.9	196.1
Agriculture, forestry, and fisheries....	10	1.1	23.7	-	-	-	-	-	-
Mining.....	999	676.4	7,280.5	-	-	-	-	-	-
Contract construction.....	486	217.5	3,284.4	1	.3	2.5	-	-	-
Transportation, communication, electric, gas, and sanitary services..	303	56.1	2,157.1	10	.3	5.9	3	1.9	86.9
Wholesale and retail trade.....	486	86.3	1,988.0	-	-	-	3	.1	3.9
Finance, insurance, and real estate.....	23	2.8	96.6	-	-	-	9	1.4	64.3
Services.....	250	41.9	889.8	32	4.9	82.6	9	1.8	11.4
Government 6/.....	413	170.2	1,765.7	135	63.7	662.4	12	2.6	29.5

See footnotes at end of table.

**Table 15. Work stoppages by industry group and occupation, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Sales			Production and maintenance			Protective		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries.....	1/40	23.4	400.6	4,793	1,815.3	31,933.5	59	7.2	28.2
Manufacturing.....	1/9	2.4	19.0	2,447	767.6	17,879.6	3	.2	2.8
Ordnance and accessories.....	-	-	-	3	1.8	46.3	-	-	-
Food and kindred products.....	6	1.2	13.6	199	48.4	1,384.9	-	-	-
Tobacco manufactures.....	-	-	-	6	7.4	167.6	-	-	-
Textile mill products.....	-	-	-	39	4.2	85.1	-	-	-
Apparel, etc. 2/.....	2	.6	2.1	62	9.7	178.9	-	-	-
Lumber and wood products, except furniture.....	-	-	-	77	19.4	337.7	-	-	-
Furniture and fixtures.....	-	-	-	91	9.7	177.0	-	-	-
Paper and allied products.....	-	-	-	82	24.1	507.8	-	-	-
Printing, publishing, and allied industries.....	-	-	-	58	9.3	235.4	-	-	-
Chemicals and allied products.....	-	-	-	108	18.6	579.7	-	-	-
Petroleum refining and related industries.....	-	-	-	22	5.6	171.6	-	-	-
Rubber and miscellaneous plastics products.....	-	-	-	88	14.7	343.4	-	-	-
Leather and leather products.....	-	-	-	19	6.9	259.0	-	-	-
Stone, clay, and glass products.....	-	-	-	137	44.7	985.3	-	-	-
Primary metal industries.....	-	-	-	235	89.9	2,148.6	-	-	-
Fabricated metal products 3/.....	-	-	-	349	56.4	1,447.1	1	(4)	.3
Machinery, except electrical.....	-	-	-	437	134.4	3,129.5	1	.1	2.2
Electrical machinery, equipment, and supplies.....	1	.6	3.2	193	75.1	1,052.3	-	-	-
Transportation equipment.....	-	-	-	174	169.7	4,151.0	1	(4)	.3
Instruments, etc. 5/.....	-	-	-	33	8.4	207.3	-	-	-
Miscellaneous manufacturing industries..	-	-	-	46	9.3	284.3	-	-	-
Nonmanufacturing.....	1/31	21.0	381.7	2,348	1,047.7	14,053.9	56	7.0	25.4
Agriculture, forestry, and fisheries....	-	-	-	9	1.0	20.1	-	-	-
Mining.....	-	-	-	999	676.4	7,257.7	-	-	-
Contract construction.....	-	-	-	482	217.0	3,279.0	1	(4)	.3
Transportation, communication, electric, gas, and sanitary services..	1	(4)	(4)	223	38.6	1,442.0	-	-	-
Wholesale and retail trade.....	27	20.3	363.9	388	60.1	1,243.7	-	-	-
Finance, insurance, and real estate.....	2	.2	1.8	10	1.2	28.9	-	-	-
Services.....	1	.5	15.9	121	18.7	325.6	7	.1	1.9
Government 6/.....	-	-	-	116	34.7	456.9	48	6.8	23.2

See footnotes at end of table.

**Table 15. Work stoppages by industry group and occupation, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Service			Combinations		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved	
All industries.....	1/142	9.6	479.7	246	106.5	2,016.5
Manufacturing.....	1/18	1.5	42.6	48	15.0	373.7
Ordnance and accessories.....	-	-	-	-	-	-
Food and kindred products.....	3	.7	28.6	12	3.6	73.7
Tobacco manufactures.....	-	-	-	-	-	-
Textile mill products.....	1	.1	1.3	-	-	-
Apparel, etc. 2/.....	-	-	-	1	.1	1.8
Lumber and wood products, except furniture.....	1	.1	3.0	-	-	-
Furniture and fixtures.....	-	-	-	2	1.0	25.8
Paper and allied products.....	-	-	-	-	-	-
Printing, publishing, and allied industries.....	-	-	-	3	.4	5.8
Chemicals and allied products.....	-	-	-	3	.7	56.4
Petroleum refining and related industries.....	-	-	-	1	.8	.8
Rubber and miscellaneous plastics products.....	-	-	-	-	-	-
Leather and leather products.....	-	-	-	-	-	-
Stone, clay, and glass products.....	2	.1	2.4	-	-	-
Primary metal industries.....	-	-	-	2	.5	15.3
Fabricated metal products 3/.....	-	-	-	3	.8	18.2
Machinery, except electrical.....	-	-	-	8	4.7	125.7
Electrical machinery, equipment, and supplies.....	2	.1	2.4	2	.2	18.1
Transportation equipment.....	8	.4	4.4	6	1.8	19.8
Instruments, etc. 5/.....	1	(4)	.5	3	.3	8.5
Miscellaneous manufacturing industries..	-	-	-	2	.2	3.8
Nonmanufacturing.....	1/123	8.0	432.5	198	91.5	1,642.8
Agriculture, forestry, and fisheries....	1	.1	3.6	-	-	-
Mining.....	-	-	-	-	-	-
Contract construction.....	1	.2	2.5	1	(4)	(7) 22.8
Transportation, communication, electric, gas, and sanitary services..	36	1.4	26.4	30	13.8	595.9
Wholesale and retail trade.....	44	2.9	229.5	24	2.9	147.0
Finance, insurance, and real estate.....	2	(4)	1.5	-	-	-
Services.....	38	3.4	169.1	42	12.4	283.3
Government 5/.....	1	(4)	(4)	101	62.3	593.7

<sup>1</sup> The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in two or more groups have been counted in each. Workers involved and days idle have been allocated among the respective groups.

<sup>2</sup> Includes other finished products made from fabrics and similar materials.

<sup>3</sup> Excludes ordnance, machinery, and transportation equipment.

<sup>4</sup> Fewer than 50.

<sup>5</sup> Includes professional, scientific, and controlling instruments;

photographic and optical goods; watches and clocks.

<sup>6</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>7</sup> Idleness resulting from stoppage(s) beginning in prior year(s).

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.



**Table 16. Work stoppages by major issue and level of government, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Major issue	Total	Federal	State	County	City	Special district
Stoppages beginning in year						
All issues.....	413	2	44	73	192	102
General wage changes.....	281	2	20	51	134	74
Supplementary benefits.....	12	-	-	-	8	4
Wage adjustments.....	14	-	5	3	5	1
Hours of work.....	2	-	1	-	1	-
Other contractual matters.....	32	-	6	9	8	9
Union organization and security.....	20	-	-	5	10	5
Job security.....	11	-	2	2	6	1
Plant administration.....	37	-	9	3	18	7
Other working conditions.....	3	-	-	-	2	1
Interunion or intraunion matters.....	-	-	-	-	-	-
Not reported.....	1	-	1	-	-	-
Workers involved						
All issues.....	170.2	0.4	33.7	24.0	72.0	40.2
General wage changes.....	111.1	.4	18.0	19.3	40.6	32.8
Supplementary benefits.....	2.8	-	-	-	2.1	.7
Wage adjustments.....	15.0	-	9.9	.2	4.3	.6
Hours of work.....	1.8	-	.8	-	1.0	-
Other contractual matters.....	9.8	-	1.4	1.4	4.5	2.5
Union organization and security.....	7.5	-	-	1.3	5.2	1.0
Job security.....	4.4	-	.8	1.3	2.1	.2
Plant administration.....	17.6	-	2.7	.4	12.3	2.2
Other working conditions.....	.2	-	-	-	.1	.1
Interunion or intraunion matters.....	-	-	-	-	-	-
Not reported.....	(2)	-	(2)	-	-	-
Days idle during year						
All issues.....	1,765.7	0.5	181.9	264.3	664.7	454.3
General wage changes.....	1,248.2	.5	147.4	229.0	441.0	430.2
Supplementary benefits.....	4.4	-	-	-	2.8	1.6
Wage adjustments.....	27.5	-	10.0	1.4	15.5	.6
Hours of work.....	5.3	-	2.4	-	2.9	-
Other contractual matters.....	167.8	-	10.8	16.3	127.8	12.9
Union organization and security.....	41.5	-	-	9.9	27.4	4.2
Job security.....	29.7	-	3.2	6.6	18.6	1.3
Plant administration.....	240.1	-	7.6	1.1	228.6	2.8
Other working conditions.....	.8	-	-	-	.1	.7
Interunion or intraunion matters.....	-	-	-	-	-	-
Not reported.....	.5	-	.5	-	-	-

<sup>1</sup> The situations reported here have statistical purposes, been deemed to fall within the Bureau's definition of work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>2</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 17. Work stoppages in government by major issue and union participation, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Major issue	Total	Union participation		
		Called or supported strike	Did not call or support strike	No information
Stoppages beginning in year				
All issues.....	413	335	46	32
General wage changes.....	281	236	24	21
Supplementary benefits.....	12	10	2	-
Wage adjustments.....	14	10	4	-
Hours of work.....	2	1	1	-
Other contractual matters.....	32	23	4	5
Union organization and security.....	20	16	2	2
Job security.....	11	9	1	1
Plant administration.....	37	27	7	3
Other working conditions.....	3	3	-	-
Interunion or intraunion matters.....	-	-	-	-
Not reported.....	1	-	1	-
Workers involved				
All issues.....	170.2	158.8	5.9	5.6
General wage changes.....	111.1	104.2	2.8	4.2
Supplementary benefits.....	2.8	2.2	.5	-
Wage adjustments.....	15.0	14.7	.4	-
Hours of work.....	1.8	1.0	.8	-
Other contractual matters.....	9.8	8.5	.1	1.3
Union organization and security.....	7.5	7.5	(2)	(2)
Job security.....	4.4	3.7	.6	(2)
Plant administration.....	17.6	16.9	.6	.1
Other working conditions.....	.2	.2	-	-
Interunion or intraunion matters.....	-	-	-	-
Not reported.....	(2)	-	(2)	-
Days idle during year				
All issues.....	1,765.7	1,713.2	24.9	27.5
General wage changes.....	1,248.2	1,210.6	18.3	19.3
Supplementary benefits.....	4.4	3.6	.8	-
Wage adjustments.....	27.5	27.1	.5	-
Hours of work.....	5.3	2.9	2.4	-
Other contractual matters.....	167.8	159.7	.1	7.9
Union organization and security.....	41.5	41.4	(2)	.1
Job security.....	29.7	29.0	.6	.1
Plant administration.....	240.1	238.2	1.8	.2
Other working conditions.....	.8	.8	-	-
Interunion or intraunion matters.....	-	-	-	-
Not reported.....	.5	-	.5	-

<sup>1</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>2</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 18. Work stoppages by occupation and level of government, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Occupation	Total	Federal	State	County	City	Special district
All occupations.....	413	2	44	73	192	102
Teachers.....	111	-	8	9	39	55
Nurses.....	2	-	-	-	2	-
Teachers and other professional and technical.....	11	-	1	1	4	5
Professional and technical.....	2	-	-	-	-	2
Other professional or technical.....	9	-	4	4	1	-
Clerical.....	12	-	3	5	3	1
Sales.....	-	-	-	-	-	-
Sanitation workers.....	12	-	-	1	8	3
Craft workers.....	1	-	-	1	-	-
Combination of blue-collar workers.....	5	-	-	1	3	1
Blue-collar and manual.....	98	-	7	21	57	13
Police.....	19	-	1	3	15	-
Fire fighters.....	15	-	-	1	14	-
Police and firefighters.....	5	-	-	-	5	-
Other combinations of protective.....	-	-	-	-	-	-
Other protective.....	9	-	5	3	1	-
Service workers.....	1	-	-	-	1	-
Professional, technical, and clerical.....	14	1	3	7	1	2
Clerical and blue-collar.....	20	-	-	5	14	1
Professional, technical and blue-collar.....	31	1	6	7	7	10
Sales and blue-collar.....	-	-	-	-	-	-
Protective and blue-collar.....	11	-	1	1	9	-
Professional, clerical, and blue-collar.....	24	-	5	3	7	9
Sales and clerical.....	-	-	-	-	-	-
Sales, blue-collar, and clerical.....	-	-	-	-	-	-
Service and blue-collar.....	1	-	-	-	1	-
Workers involved						
All occupations.....	170.2	0.4	33.7	24.0	72.0	40.2
Teachers.....	54.5	-	.8	4.1	29.0	20.6
Nurses.....	.7	-	-	-	.7	-
Teachers and other professional and technical.....	5.5	-	.1	(2)	1.7	3.7
Professional and technical.....	.5	-	-	-	-	.5
Other professional or technical.....	2.5	-	.5	1.9	.2	-
Clerical.....	2.6	-	.5	1.1	1.0	(2)
Sales.....	-	-	-	-	-	-
Sanitation workers.....	2.3	-	-	.1	1.9	.3
Craft workers.....	.1	-	-	.1	-	-
Combination of blue-collar workers.....	.8	-	-	(2)	.6	.2
Blue-collar and manual.....	31.6	-	3.9	1.6	19.6	6.6
Police.....	2.2	-	.1	.4	1.8	-
Fire fighters.....	2.6	-	-	(2)	2.6	-
Police and firefighters.....	.5	-	-	-	.5	-
Other combinations of protective.....	-	-	-	-	-	-
Other protective.....	1.5	-	1.0	.4	.1	-
Service workers.....	(2)	-	-	-	(2)	-
Professional, technical, and clerical.....	8.4	.3	2.6	1.3	3.5	.8
Clerical and blue-collar.....	2.9	-	-	.3	2.4	.1
Professional, technical and blue-collar.....	13.2	.1	1.9	6.6	1.6	3.0
Sales and blue-collar.....	-	-	-	-	-	-
Protective and blue-collar.....	2.5	-	.5	(2)	1.9	-
Professional, clerical, and blue-collar.....	33.7	-	21.8	6.3	1.2	4.4
Sales and clerical.....	-	-	-	-	-	-
Sales, blue-collar, and clerical.....	-	-	-	-	-	-
Service and blue-collar.....	1.6	-	-	-	1.6	-

See footnotes at end of table.

**Table 18. Work stoppages by occupation and level of government, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)

Occupation	Total	Federal	State	County	City	Special district
	Days idle during year					
All occupations.....	1,765.7	0.5	181.9	264.3	864.7	454.3
Teachers.....	603.2	-	5.1	10.3	423.3	164.6
Nurses.....	2.0	-	-	-	2.0	-
Teachers and other professional and technical.....	33.4	-	.4	.3	9.7	23.1
Professional and technical.....	6.2	-	-	-	-	6.2
Other professional or technical.....	17.5	-	.9	16.4	.2	-
Clerical.....	29.5	-	1.5	18.9	9.1	.1
Sales.....	-	-	-	-	-	-
Sanitation workers.....	21.9	-	-	.4	17.8	3.8
Craft workers.....	.8	-	-	.8	-	-
Combination of blue-collar workers.....	3.9	-	-	.1	3.3	.5
Blue-collar and manual.....	430.2	-	51.0	13.5	193.3	172.5
Police.....	7.8	-	.3	3.3	4.2	-
Fire fighters.....	9.3	-	-	(2)	9.2	-
Police and firefighters.....	1.3	-	-	-	1.3	-
Other combinations of protective.....	-	-	-	-	-	-
Other protective.....	4.9	-	3.1	1.0	.7	-
Service workers.....	(2)	-	-	-	(2)	-
Professional, technical, and clerical...	135.1	.3	2.7	5.4	122.5	4.2
Clerical and blue-collar.....	40.5	-	-	3.6	35.8	1.1
Professional, technical and blue-collar...	94.1	.2	9.0	26.1	7.3	51.5
Sales and blue-collar.....	-	-	-	-	-	-
Protective and blue-collar.....	7.6	-	2.2	.3	5.1	-
Professional, clerical, and blue-collar...	314.8	-	105.7	163.9	18.4	26.8
Sales and clerical.....	-	-	-	-	-	-
Sales, blue-collar, and clerical.....	-	-	-	-	-	-
Service and blue-collar.....	1.6	-	-	-	1.6	-

<sup>1</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>2</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote

**Table 19. Work stoppages by government level and function, and occupation, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Level and function	Total	Professional and technical			Clerical	Production and maintenance			Protective				Other
		Teachers	Nurses	Other		Sanitation	Crafts	Other	Police	Fire	Police and fire	Other	
Stoppages beginning in year													
All functions.....	2/413	111	2	22	12	12	1	103	19	15	5	9	102
Administrative services.....	15	-	-	1	1	-	-	2	-	-	-	-	11
Welfare services.....	13	-	-	1	2	-	-	2	-	-	-	-	8
Law enforcement and correction.....	25	-	-	-	-	-	-	-	17	-	1	6	1
Fire protection.....	16	-	-	-	-	-	-	-	-	14	1	-	1
Sanitation services.....	25	-	-	-	-	11	-	11	-	-	-	-	3
Education.....	192	109	-	15	7	-	-	21	-	-	-	1	39
Streets and highways.....	19	-	-	-	-	-	1	15	-	-	-	-	3
Parks and recreation.....	3	-	-	-	-	-	-	2	-	-	-	-	1
Libraries.....	1	1	-	-	-	-	-	-	-	-	-	-	-
Museums.....	1	-	-	-	-	-	-	-	-	-	-	-	1
Hospitals and health services.....	18	1	2	5	-	-	-	-	-	-	-	-	10
Transportation and allied facil.....	22	-	-	-	-	-	-	19	-	-	-	-	3
Other utilities.....	9	-	-	-	-	1	-	7	-	-	-	-	1
Other.....	5	-	-	-	1	-	-	2	1	-	-	1	-
Combinations.....	61	-	-	-	1	-	-	24	1	1	4	1	29
Federal.....	2	-	-	-	-	-	-	-	-	-	-	-	2
Administrative services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Welfare services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Law enforcement and correction.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Education.....	1	-	-	-	-	-	-	-	-	-	-	-	7
Streets and highways.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Parks and recreation.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and allied facil.....	1	-	-	-	-	-	-	-	-	-	-	-	1
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	-	-	-	-	-	-	-	-	-	-	-	-	-
State.....	44	8	-	5	3	-	-	7	1	-	-	5	15
Administrative services.....	1	-	-	-	-	-	-	-	-	-	-	-	1
Welfare services.....	3	-	-	-	1	-	-	-	-	-	-	-	2
Law enforcement and correction.....	6	-	-	-	-	-	-	-	1	-	-	-	1
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Education.....	20	8	-	1	2	-	-	3	-	-	-	1	5
Streets and highways.....	2	-	-	-	-	-	-	2	-	-	-	-	-
Parks and recreation.....	1	-	-	-	-	-	-	-	-	-	-	-	1
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	1	-	-	-	-	-	-	-	-	-	-	-	1
Hospitals and health services.....	12	-	-	4	-	-	-	-	-	-	-	-	8
Transportation and allied facil.....	3	-	-	-	-	-	-	2	-	-	-	-	1
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	2	-	-	-	-	-	-	-	-	-	-	-	2
County.....	73	9	-	5	5	1	1	22	3	1	-	3	23
Administrative services.....	9	-	-	1	1	-	-	1	-	-	-	-	6
Welfare services.....	9	-	-	1	1	-	-	1	-	-	-	-	6
Law enforcement and correction.....	5	-	-	-	-	-	-	-	3	-	-	2	-
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	3	-	-	-	-	1	-	2	-	-	-	-	-
Education.....	17	8	-	2	2	-	-	3	-	-	-	-	2
Streets and highways.....	13	-	-	-	-	-	1	11	-	-	-	-	1
Parks and recreation.....	1	-	-	-	-	-	-	1	-	-	-	-	-
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	2	1	-	1	-	-	-	-	-	-	-	-	-
Transportation and allied facil.....	1	-	-	-	-	-	-	1	-	-	-	-	-
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	13	-	-	-	1	-	-	2	-	1	-	1	8
City.....	192	39	2	5	3	8	-	60	15	14	5	1	40
Administrative services.....	4	-	-	-	-	-	-	1	-	-	-	-	3
Welfare services.....	1	-	-	-	-	-	-	1	-	-	-	-	-
Law enforcement and correction.....	14	-	-	-	-	-	-	-	13	-	1	-	-
Fire protection.....	16	-	-	-	-	-	-	-	-	14	1	-	1
Sanitation services.....	19	-	-	-	-	7	-	9	-	-	-	-	3
Education.....	64	39	-	5	2	-	-	8	-	-	-	-	10
Streets and highways.....	3	-	-	-	-	-	-	1	-	-	-	-	2
Parks and recreation.....	1	-	-	-	-	-	-	1	-	-	-	-	-
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	4	-	2	-	-	-	-	-	-	-	-	-	2
Transportation and allied facil.....	11	-	-	-	-	-	-	11	-	-	-	-	-
Other utilities.....	8	-	-	-	-	1	-	6	-	-	-	-	1
Other.....	5	-	-	-	1	-	-	2	1	-	-	1	-
Combinations.....	46	-	-	-	-	-	-	22	1	-	4	-	19

See footnotes at end of table.

**Table 19. Work stoppages by government level and function, and occupation, 1977—Continued**

(Workers and days idle in thousands)

Level and function	Total	Professional and technical			Clerical	Production and maintenance			Protective				Other
		Teachers	Nurses	Other		Sanitation	Crafts	Other	Police	Fire	Police and fire	Other	
Stoppages beginning in year - Continued													
Special district.....	102	55	-	7	1	3	-	14	-	-	-	-	22
Administrative services.....	1	-	-	-	-	-	-	-	-	-	-	-	1
Welfare services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Law enforcement and correction..	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	3	-	-	-	-	3	-	-	-	-	-	-	-
Education.....	90	54	-	7	1	-	-	7	-	-	-	-	21
Streets and highways.....	1	-	-	-	-	-	-	1	-	-	-	-	-
Parks and recreation.....	1	1	-	-	-	-	-	-	-	-	-	-	-
Libraries.....	1	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services..	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and allied facil	6	-	-	-	-	-	-	5	-	-	-	-	1
Other utilities.....	1	-	-	-	-	-	-	1	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Workers involved													
All functions.....	170.2	54.5	0.7	8.6	2.6	2.3	0.1	32.4	2.2	2.6	0.5	1.5	62.4
Administrative services.....	4.2	-	-	.2	(3)	-	-	.2	-	-	-	-	3.8
Welfare services.....	8.3	-	-	(3)	.1	-	-	.3	-	-	-	-	7.8
Law enforcement and correction..	4.4	-	-	-	-	-	-	-	2.1	-	.1	1.1	1.0
Fire protection.....	2.7	-	-	-	-	-	-	-	-	2.6	.1	-	(3)
Sanitation services.....	4.9	-	-	-	-	2.3	-	1.9	-	-	-	-	.7
Education.....	91.1	53.9	-	7.8	1.6	-	-	11.2	-	-	-	.1	16.6
Streets and highways.....	.9	-	-	-	-	-	.1	.8	-	-	-	-	.1
Parks and recreation.....	.6	-	-	-	-	-	-	.4	-	-	-	-	.3
Libraries.....	.5	.5	-	-	-	-	-	-	-	-	-	-	-
Museums.....	.1	-	-	-	-	-	-	-	-	-	-	-	.1
Hospitals and health services..	4.7	.1	.7	.6	-	-	-	-	-	-	-	-	3.4
Transportation and allied facil	16.1	-	-	-	-	-	-	12.4	-	-	-	-	3.6
Other utilities.....	.6	-	-	-	-	(3)	-	.5	-	-	-	-	.1
Other.....	.5	-	-	-	.3	-	-	.1	(3)	-	-	.1	.7
Combinations.....	30.7	-	-	-	.6	-	-	4.5	.1	(3)	.4	.2	25.0
Federal.....	.4	-	-	-	-	-	-	-	-	-	-	-	.4
Administrative services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Welfare services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Law enforcement and correction..	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Education.....	.1	-	-	-	-	-	-	-	-	-	-	-	.1
Streets and highways.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Parks and recreation.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services..	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and allied facil	.3	-	-	-	-	-	-	-	-	-	-	-	.3
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	-	-	-	-	-	-	-	-	-	-	-	-	-
State.....	33.7	.8	-	.6	.5	-	-	3.9	.1	-	-	1.0	26.8
Administrative services.....	.5	-	-	-	-	-	-	-	-	-	-	-	.5
Welfare services.....	6.8	-	-	-	(3)	-	-	-	-	-	-	-	6.8
Law enforcement and correction..	2.0	-	-	-	-	-	-	-	.1	-	-	.9	1.0
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Education.....	6.8	.8	-	.1	.5	-	-	3.3	-	-	-	.1	2.0
Streets and highways.....	.1	-	-	-	-	-	-	.1	-	-	-	-	.1
Parks and recreation.....	.3	-	-	-	-	-	-	-	-	-	-	-	.3
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	.1	-	-	-	-	-	-	-	-	-	-	-	.1
Hospitals and health services..	3.4	-	-	.5	-	-	-	-	-	-	-	-	2.9
Transportation and allied facil	2.1	-	-	-	-	-	-	.5	-	-	-	-	1.7
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	11.6	-	-	-	-	-	-	-	-	-	-	-	11.6
County.....	24.0	4.1	-	1.9	1.1	.1	.1	1.6	.4	(3)	-	.4	14.5
Administrative services.....	3.5	-	-	.2	(3)	-	-	.2	-	-	-	-	3.1
Welfare services.....	1.3	-	-	(3)	.1	-	-	.2	-	-	-	-	1.0
Law enforcement and correction..	.6	-	-	-	-	-	-	-	.4	-	-	.2	.6
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	.2	-	-	-	-	.1	-	.1	-	-	-	-	.2
Education.....	6.2	4.0	-	1.6	.3	-	-	.2	-	-	-	-	.1
Streets and highways.....	.7	-	-	-	-	-	-	.1	-	-	-	-	.7
Parks and recreation.....	.1	-	-	-	-	-	-	.1	-	-	-	-	(3)
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services..	.2	.1	-	.1	-	-	-	-	-	-	-	-	.2
Transportation and allied facil	(3)	-	-	-	-	-	-	(3)	-	-	-	-	(3)
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	11.2	-	-	-	.6	-	-	.1	-	(3)	-	.2	10.2

See footnotes at end of table.

**Table 19. Work stoppages by government level and function, and occupation, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)

Level and function	Total	Professional and technical			Clerical	Production and maintenance			Protective				Other
		Teachers	Nurses	Other		Sanitation	Crafts	Other	Police	Fire	Police and fire	Other	
Workers involved - Continued													
City.....	72.0	29.0	0.7	1.9	1.0	1.9	-	20.2	1.8	2.6	0.5	0.1	12.4
Administrative services.....	.1	-	-	-	-	-	-	(3)	-	-	-	-	.1
Welfare services.....	.1	-	-	-	-	-	-	.1	-	-	-	-	-
Law enforcement and correction.....	1.8	-	-	-	-	-	-	-	1.7	-	.1	-	-
Fire protection.....	2.7	-	-	-	-	-	-	-	-	2.6	.1	-	(3)
Sanitation services.....	8.8	-	-	-	-	1.9	-	1.9	-	-	-	-	.7
Education.....	46.7	29.0	-	1.9	.7	-	-	7.3	-	-	-	-	7.7
Streets and highways.....	.1	-	-	-	-	-	-	(3)	-	-	-	-	.1
Parks and recreation.....	.3	-	-	-	-	-	-	.3	-	-	-	-	-
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	1.2	-	.7	-	-	-	-	-	-	-	-	-	.5
Transportation and allied facilities.....	5.7	-	-	-	-	-	-	5.7	-	-	-	-	-
Other utilities.....	.5	-	-	-	-	(3)	-	.4	-	-	-	-	.1
Other.....	.5	-	-	-	.3	-	-	.1	(3)	-	-	.1	-
Combinations.....	8.0	-	-	-	-	-	-	4.4	.1	-	.4	-	3.1
Special district.....	40.2	20.6	-	4.2	(3)	.3	-	6.7	-	-	-	-	8.4
Administrative services.....	(3)	-	-	-	-	-	-	-	-	-	-	-	(3)
Welfare services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Law enforcement and correction.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	.3	-	-	-	-	.3	-	-	-	-	-	-	-
Education.....	31.3	20.1	-	4.2	(3)	-	-	.4	-	-	-	-	6.6
Streets and highways.....	(3)	-	-	-	-	-	-	(3)	-	-	-	-	-
Parks and recreation.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Libraries.....	.5	.5	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and allied facilities.....	7.9	-	-	-	-	-	-	6.2	-	-	-	-	1.7
Other utilities.....	.1	-	-	-	-	-	-	.1	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Days idle during year													
All functions.....	1,765.7	603.2	2.0	57.1	29.5	21.9	0.8	434.1	7.8	9.3	1.3	4.9	593.7
Administrative services.....	19.2	-	-	.2	(3)	-	-	.8	-	-	-	-	18.1
Welfare services.....	17.9	-	-	(3)	5.1	-	-	.8	-	-	-	-	11.9
Law enforcement and correction.....	12.7	-	-	-	-	-	-	-	7.6	-	.2	3.9	1.0
Fire protection.....	9.4	-	-	-	-	-	-	-	-	9.2	.1	-	(3)
Sanitation services.....	32.8	-	-	-	-	21.9	-	9.1	-	-	-	-	1.4
Education.....	1,010.0	600.2	-	55.6	14.8	-	-	108.3	-	-	-	.1	231.0
Streets and highways.....	7.7	-	-	-	-	-	.8	6.3	-	-	-	-	.5
Parks and recreation.....	8.3	-	-	-	-	-	-	4.0	-	-	-	-	.3
Libraries.....	2.1	2.1	-	-	-	-	-	-	-	-	-	-	-
Museums.....	.1	-	-	-	-	-	-	-	-	-	-	-	.1
Hospitals and health services.....	24.6	.9	2.0	1.3	-	-	-	-	-	-	-	-	20.4
Transportation and allied facilities.....	263.7	-	-	-	-	-	-	260.1	-	-	-	-	3.6
Other utilities.....	19.9	-	-	-	-	(3)	-	13.7	-	-	-	-	6.2
Other.....	5.2	-	-	-	1.8	-	-	2.6	.1	-	-	.7	-
Combinations.....	336.5	-	-	-	7.8	-	-	28.3	.1	(3)	1.0	.2	299.1
Federal.....	.5	-	-	-	-	-	-	-	-	-	-	-	.5
Administrative services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Welfare services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Law enforcement and correction.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Education.....	.2	-	-	-	-	-	-	-	-	-	-	-	.2
Streets and highways.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Parks and recreation.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and allied facilities.....	.3	-	-	-	-	-	-	-	-	-	-	-	.3
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	-	-	-	-	-	-	-	-	-	-	-	-	-
State.....	181.9	5.1	-	1.2	1.5	-	-	51.0	.3	-	-	3.1	119.6
Administrative services.....	.5	-	-	-	-	-	-	-	-	-	-	-	.5
Welfare services.....	6.8	-	-	-	(3)	-	-	-	-	-	-	-	6.8
Law enforcement and correction.....	4.4	-	-	-	-	-	-	-	.3	-	-	3.0	1.0
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Education.....	61.7	5.1	-	.4	1.4	-	-	44.0	-	-	-	.1	10.8
Streets and highways.....	1.0	-	-	-	-	-	-	1.0	-	-	-	-	-
Parks and recreation.....	.3	-	-	-	-	-	-	-	-	-	-	-	.3
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	.1	-	-	-	-	-	-	-	-	-	-	-	.1
Hospitals and health services.....	5.0	-	-	.9	-	-	-	-	-	-	-	-	4.1
Transportation and allied facilities.....	7.7	-	-	-	-	-	-	6.0	-	-	-	-	1.7
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	94.4	-	-	-	-	-	-	-	-	-	-	-	94.4

See footnotes at end of table.

**Table 19. Work stoppages by government level and function, and occupation, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)

Level and function	Total	Professional and technical			Clerical	Production and maintenance			Protective				Other
		Teachers	Nurses	Other		Sanitation	Crafts	Other	Police	Fire	Police and fire	Other	
Days idle during year - Continued													
County.....	264.3	10.3	-	16.7	18.9	0.4	0.8	13.6	3.3	(3)	-	1.0	199.3
Administrative services.....	17.4	-	-	.2	(3)	-	-	.6	-	-	-	-	16.6
Welfare services.....	10.4	-	-	(3)	5.1	-	-	.2	-	-	-	-	5.1
Law enforcement and correction.....	4.2	-	-	-	-	-	-	-	3.3	-	-	.9	-
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	4.6	-	-	-	-	.4	-	4.2	-	-	-	-	-
Education.....	33.1	9.4	-	16.0	6.0	-	-	1.3	-	-	-	-	.5
Streets and highways.....	5.8	-	-	-	-	-	.8	4.8	-	-	-	-	.2
Parks and recreation.....	2.2	-	-	-	-	-	-	2.2	-	-	-	-	-
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	1.4	.9	-	.5	-	-	-	-	-	-	-	-	-
Transportation and allied facilities.....	.2	-	-	-	-	-	-	.2	-	-	-	-	-
Other utilities.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	185.0	-	-	-	7.8	-	-	.1	-	(3)	-	.2	176.9
City.....	864.7	423.3	2.0	9.8	9.1	17.8	-	196.6	4.2	9.2	1.3	.7	190.8
Administrative services.....	.8	-	-	-	-	-	-	.3	-	-	-	-	.5
Welfare services.....	.6	-	-	-	-	-	-	.6	-	-	-	-	-
Law enforcement and correction.....	4.1	-	-	-	-	-	-	-	3.9	-	.2	-	-
Fire protection.....	9.4	-	-	-	-	-	-	-	-	9.2	.1	-	(3)
Sanitation services.....	24.1	-	-	-	-	17.8	-	4.9	-	-	-	-	1.4
Education.....	639.7	423.3	-	9.8	7.3	-	-	61.1	-	-	-	-	138.2
Streets and highways.....	.6	-	-	-	-	-	-	.2	-	-	-	-	.4
Parks and recreation.....	1.8	-	-	-	-	-	-	1.8	-	-	-	-	-
Libraries.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	18.3	-	2.0	-	-	-	-	-	-	-	-	-	16.3
Transportation and allied facilities.....	90.7	-	-	-	-	-	-	90.7	-	-	-	-	-
Other utilities.....	12.4	-	-	-	-	(3)	-	6.2	-	-	-	-	6.2
Other.....	5.2	-	-	-	1.8	-	-	2.6	.1	-	-	.7	-
Combinations.....	57.1	-	-	-	-	-	-	28.2	.1	-	1.0	-	27.8
Special district.....	454.3	164.6	-	29.4	.1	3.8	-	172.9	-	-	-	-	83.6
Administrative services.....	.5	-	-	-	-	-	-	-	-	-	-	-	.5
Welfare services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Law enforcement and correction.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire protection.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanitation services.....	3.8	-	-	-	-	3.8	-	-	-	-	-	-	-
Education.....	275.3	162.5	-	29.4	.1	-	-	2.0	-	-	-	-	81.4
Streets and highways.....	.2	-	-	-	-	-	-	.2	-	-	-	-	-
Parks and recreation.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Libraries.....	2.1	2.1	-	-	-	-	-	-	-	-	-	-	-
Museums.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospitals and health services.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and allied facilities.....	164.9	-	-	-	-	-	-	163.2	-	-	-	-	1.7
Other utilities.....	7.5	-	-	-	-	-	-	7.5	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Combinations.....	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>2</sup> The total number of stoppages reported for all functions or an individual level may not equal the sum of its components because individual stoppages occurring in two or more groups have been

counted in each. Workers and days idle have been allocated among the respective groups.

<sup>3</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.



**Table 20. Work stoppages in government by State, affiliation, and recognition, 1977<sup>1</sup>**

(Workers and days idle in thousands)

State	Total	All unions and associations 2/			AFL - CIO		
		Officially recognized	Not recognized	No information	Officially recognized	Not recognized	No information
Stoppages beginning in year							
All States.....	413	371	12	12	181	6	7
Alabama.....	7	2	1	-	2	-	-
Alaska.....	1	1	-	-	1	-	-
Arizona.....	-	-	-	-	-	-	-
Arkansas.....	-	-	-	-	-	-	-
California.....	50	46	-	3	19	-	1
Colorado.....	4	3	-	-	3	-	-
Connecticut.....	7	6	1	-	3	1	-
Delaware.....	3	3	-	-	3	-	-
District of Columbia.....	-	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-	-
Georgia.....	4	3	1	-	2	1	-
Hawaii.....	-	-	-	-	-	-	-
Idaho.....	2	1	-	-	1	-	-
Illinois.....	29	26	2	-	14	-	-
Indiana.....	18	14	3	-	7	1	-
Iowa.....	-	-	-	-	-	-	-
Kansas.....	1	1	-	-	1	-	-
Kentucky.....	2	2	-	-	1	-	-
Louisiana.....	3	2	-	-	2	-	-
Maine.....	-	-	-	-	-	-	-
Maryland.....	2	2	-	-	2	-	-
Massachusetts.....	3	2	-	1	-	-	1
Michigan.....	51	50	-	-	17	-	-
Minnesota.....	11	10	-	1	7	-	1
Mississippi.....	-	-	-	-	-	-	-
Missouri.....	5	5	-	-	4	-	-
Montana.....	9	9	-	-	8	-	-
Nebraska.....	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-
New Jersey.....	22	22	-	-	8	-	-
New Mexico.....	-	-	-	-	-	-	-
New York.....	14	12	1	1	5	1	-
North Carolina.....	1	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-
Ohio.....	62	55	2	3	28	1	2
Oklahoma.....	2	1	-	1	-	-	-
Oregon.....	5	5	-	-	3	-	-
Pennsylvania.....	59	55	-	2	21	-	2
Rhode Island.....	7	7	-	-	5	-	-
South Carolina.....	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-
Tennessee.....	2	1	-	-	1	-	-
Texas.....	1	-	1	-	-	1	-
Utah.....	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-
Virginia.....	1	-	-	-	-	-	-
Washington.....	15	15	-	-	5	-	-
West Virginia.....	2	2	-	-	2	-	-
Wisconsin.....	8	8	-	-	6	-	-
Wyoming.....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 20. Work stoppages in government by State, affiliation, and recognition, 1977<sup>1</sup>--Continued**

(Workers and days idle in thousands)

State	Other unions			Employee associations			No union
	Officially recognized	Not recognized	No information	Officially recognized	Not recognized	No information	
Stoppages beginning in year							
All States.....	26	2	1	164	4	4	18
Alabama.....	-	1	-	-	-	-	4
Alaska.....	-	-	-	-	-	-	-
Arizona.....	-	-	-	-	-	-	-
Arkansas.....	-	-	-	-	-	-	-
California.....	2	-	1	25	-	1	1
Colorado.....	-	-	-	-	-	-	1
Connecticut.....	-	-	-	3	-	-	-
Delaware.....	-	-	-	-	-	-	-
District of Columbia.....	-	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-	-
Georgia.....	-	-	-	1	-	-	-
Hawaii.....	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	1
Illinois.....	-	-	-	12	2	-	1
Indiana.....	3	-	-	4	2	-	1
Iowa.....	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-
Kentucky.....	1	-	-	-	-	-	1
Louisiana.....	-	-	-	-	-	-	1
Maine.....	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-
Massachusetts.....	1	-	-	1	-	-	-
Michigan.....	10	-	-	23	-	-	1
Minnesota.....	1	-	-	2	-	-	-
Mississippi.....	-	-	-	-	-	-	-
Missouri.....	1	-	-	-	-	-	-
Montana.....	-	-	-	1	-	-	-
Nebraska.....	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-
New Jersey.....	1	-	-	13	-	-	-
New Mexico.....	-	-	-	-	-	-	-
New York.....	-	-	-	7	-	1	-
North Carolina.....	-	-	-	-	-	-	1
North Dakota.....	-	-	-	-	-	-	-
Ohio.....	3	1	-	24	-	1	2
Oklahoma.....	-	-	-	1	-	1	-
Oregon.....	-	-	-	2	-	-	-
Pennsylvania.....	3	-	-	31	-	-	2
Rhode Island.....	-	-	-	2	-	-	-
South Carolina.....	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	-	1
Texas.....	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-
Virginia.....	-	-	-	-	-	-	1
Washington.....	-	-	-	10	-	-	-
West Virginia.....	-	-	-	-	-	-	-
Wisconsin.....	-	-	-	2	-	-	-
Wyoming.....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 20. Work stoppages in government by State, affiliation, and recognition, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)

State	Total	All unions and associations 2/			AFL - CIO		
		Officially recognized	Not recognized	No information	Officially recognized	Not recognized	No information
Workers involved							
All States.....	170.2	165.4	1.6	2.1	87.0	1.1	1.5
Alabama.....	.3	.1	(3)	-	.1	-	-
Alaska.....	.4	.4	-	-	.4	-	-
Arizona.....	-	-	-	-	-	-	-
Arkansas.....	-	-	-	-	-	-	-
California.....	30.3	29.4	-	.7	7.4	-	.2
Colorado.....	.3	.3	-	-	.3	-	-
Connecticut.....	3.9	3.9	(3)	-	1.0	(3)	-
Delaware.....	1.5	1.5	-	-	1.5	-	-
District of Columbia.....	-	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-	-
Georgia.....	1.9	1.5	.4	-	1.4	.4	-
Hawaii.....	(3)	(3)	-	-	(3)	-	-
Idaho.....	6.5	6.4	.1	-	4.3	-	-
Illinois.....	7.0	6.5	.5	-	2.8	.1	-
Iowa.....	-	-	-	-	-	-	-
Kansas.....	(3)	(3)	-	-	(3)	-	-
Kentucky.....	.4	.4	-	-	.4	-	-
Louisiana.....	(3)	(3)	-	-	(3)	-	-
Maine.....	-	-	-	-	-	-	-
Maryland.....	1.8	1.8	-	-	1.8	-	-
Massachusetts.....	.7	.5	-	.2	-	-	.2
Michigan.....	18.4	17.9	-	-	5.5	-	-
Minnesota.....	1.2	.6	-	.6	.3	-	.6
Mississippi.....	-	-	-	-	-	-	-
Missouri.....	4.2	4.2	-	-	3.9	-	-
Montana.....	1.9	1.9	-	-	1.9	-	-
Nebraska.....	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-
New Jersey.....	5.5	5.5	-	-	1.9	-	-
New Mexico.....	-	-	-	-	-	-	-
New York.....	6.0	5.7	.3	(3)	2.2	.3	-
North Carolina.....	(3)	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-
Ohio.....	18.2	18.1	.1	.1	12.7	(3)	.1
Oklahoma.....	.1	(3)	-	(3)	-	-	-
Oregon.....	.4	.4	-	-	.1	-	-
Pennsylvania.....	29.4	28.9	-	.5	22.1	-	.5
Rhode Island.....	1.8	1.8	-	-	1.4	-	-
South Carolina.....	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-
Tennessee.....	.2	.1	-	-	.1	-	-
Texas.....	.3	-	.3	-	-	.3	-
Utah.....	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-
Virginia.....	.1	-	-	-	-	-	-
Washington.....	4.0	4.0	-	-	.6	-	-
West Virginia.....	.3	.3	-	-	.3	-	-
Wisconsin.....	23.1	23.1	-	-	12.3	-	-
Wyoming.....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 20. Work stoppages in government by State, affiliation, and recognition, 1977<sup>1</sup>—Continued**  
(Workers and days idle in thousands)

State	Other unions			Employee associations			No union
	Officially recognized	Not recognized	No information	Officially recognized	Not recognized	No information	
	Workers involved						
All States.....	12.4	0.1	0.1	66.1	0.4	0.5	1.1
Alabama.....	-	(3)	-	-	-	-	.1
Alaska.....	-	-	-	-	-	-	-
Arizona.....	-	-	-	-	-	-	-
Arkansas.....	-	-	-	-	-	-	-
California.....	6.0	-	.1	16.0	-	.4	.1
Colorado.....	-	-	-	-	-	-	(3)
Connecticut.....	-	-	-	2.8	-	-	-
Delaware.....	-	-	-	-	-	-	-
District of Columbia.....	-	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-	-
Georgia.....	-	-	-	(3)	-	-	-
Hawaii.....	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	(3)
Illinois.....	-	-	-	2.1	.1	-	(3)
Indiana.....	.3	-	-	3.4	.3	-	(3)
Iowa.....	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-
Kentucky.....	(3)	-	-	-	-	-	-
Louisiana.....	-	-	-	-	-	-	(3)
Maine.....	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-
Massachusetts.....	.3	-	-	.3	-	-	-
Michigan.....	4.3	-	-	8.0	-	-	.6
Minnesota.....	.1	-	-	.1	-	-	-
Mississippi.....	-	-	-	-	-	-	-
Missouri.....	.3	-	-	-	-	-	-
Montana.....	-	-	-	(3)	-	-	-
Nebraska.....	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-
New Jersey.....	.1	-	-	3.5	-	-	-
New Mexico.....	-	-	-	-	-	-	-
New York.....	-	-	-	3.5	-	(3)	-
North Carolina.....	-	-	-	-	-	-	(3)
North Dakota.....	-	-	-	-	-	-	-
Ohio.....	.8	(3)	-	4.5	-	(3)	(3)
Oklahoma.....	-	-	-	(3)	-	(3)	-
Oregon.....	-	-	-	.3	-	-	-
Pennsylvania.....	.1	-	-	6.7	-	-	(3)
Rhode Island.....	-	-	-	.5	-	-	-
South Carolina.....	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	-	(3)
Texas.....	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-
Virginia.....	-	-	-	-	-	-	.1
Washington.....	-	-	-	3.4	-	-	-
West Virginia.....	-	-	-	-	-	-	-
Wisconsin.....	-	-	-	10.8	-	-	-
Wyoming.....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 20. Work stoppages in government by State, affiliation, and recognition, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)

State	Total	All unions and associations 2/			AFL - CIO		
		Officially recognized	Not recognized	No information	Officially recognized	Not recognized	No information
Days idle during year							
All States.....	1,765.7	1,739.0	5.8	16.2	890.5	4.6	13.2
Alabama.....	4.2	3.4	.1	-	3.4	-	-
Alaska.....	5.9	5.9	-	-	5.9	-	-
Arizona.....	-	-	-	-	-	-	-
Arkansas.....	-	-	-	-	-	-	-
California.....	338.0	334.1	-	3.7	90.4	-	.8
Colorado.....	5.0	4.8	-	-	4.8	-	-
Connecticut.....	22.5	22.3	.1	-	3.4	.1	-
Delaware.....	4.1	4.1	-	-	4.1	-	-
District of Columbia.....	-	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-	-
Georgia.....	18.0	15.9	2.1	-	15.7	2.1	-
Hawaii.....	-	-	-	-	-	-	-
Idaho.....	.1	.1	-	-	.1	-	-
Illinois.....	24.2	24.1	.1	-	13.0	-	-
Indiana.....	26.1	24.4	1.6	-	19.4	.7	-
Iowa.....	-	-	-	-	-	-	-
Kansas.....	.1	.1	-	-	.1	-	-
Kentucky.....	1.3	1.3	-	-	1.3	-	-
Louisiana.....	.2	.1	-	-	.1	-	-
Maine.....	-	-	-	-	-	-	-
Maryland.....	6.8	6.8	-	-	6.8	-	-
Massachusetts.....	5.0	4.7	-	.3	-	-	.3
Michigan.....	120.3	118.0	-	-	52.3	-	-
Minnesota.....	17.2	11.4	-	5.8	7.1	-	5.8
Mississippi.....	-	-	-	-	-	-	-
Missouri.....	124.1	124.1	-	-	123.5	-	-
Montana.....	15.2	15.2	-	-	15.1	-	-
Nebraska.....	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-
New Jersey.....	56.5	56.5	-	-	8.1	-	-
New Mexico.....	-	-	-	-	-	-	-
New York.....	49.6	49.2	.3	(3)	40.2	.3	-
North Carolina.....	.1	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-
Ohio.....	96.5	95.4	.2	.8	68.2	.1	.8
Oklahoma.....	.1	.1	-	.1	-	-	-
Oregon.....	3.3	3.3	-	-	1.2	-	-
Pennsylvania.....	370.9	365.1	-	5.4	246.2	-	5.4
Rhode Island.....	7.8	7.8	-	-	7.1	-	-
South Carolina.....	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-
Tennessee.....	4.2	3.9	-	-	3.9	-	-
Texas.....	1.3	-	1.3	-	-	1.3	-
Utah.....	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-
Virginia.....	.3	-	-	-	-	-	-
Washington.....	26.1	26.1	-	-	17.2	-	-
West Virginia.....	15.9	15.9	-	-	15.9	-	-
Wisconsin.....	394.7	394.7	-	-	116.0	-	-
Wyoming.....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 20. Work stoppages in government by State, affiliation, and recognition, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)

State	Other unions			Employee associations			No union
	Officially recognized	Not recognized	No information	Officially recognized	Not recognized	No information	
	Days idle during year						
All States.....	188.2	0.2	0.5	660.3	1.0	2.5	4.7
Alabama.....	-	.1	-	-	-	-	.7
Alaska.....	-	-	-	-	-	-	-
Arizona.....	-	-	-	-	-	-	-
Arkansas.....	-	-	-	-	-	-	-
California.....	159.7	-	.5	84.0	-	2.3	.3
Colorado.....	-	-	-	-	-	-	.2
Connecticut.....	-	-	-	18.9	-	-	-
Delaware.....	-	-	-	-	-	-	-
District of Columbia.....	-	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-	-
Georgia.....	-	-	-	.2	-	-	-
Hawaii.....	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	(3)
Illinois.....	-	-	-	11.1	.1	-	.1
Indiana.....	1.6	-	-	3.5	1.0	-	(3)
Iowa.....	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-
Kentucky.....	(3)	-	-	-	-	-	-
Louisiana.....	-	-	-	-	-	-	.1
Maine.....	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-
Massachusetts.....	1.8	-	-	2.9	-	-	-
Michigan.....	11.0	-	-	54.7	-	-	2.3
Minnesota.....	3.8	-	-	.4	-	-	-
Mississippi.....	-	-	-	-	-	-	-
Missouri.....	.6	-	-	-	-	-	-
Montana.....	-	-	-	.2	-	-	-
Nebraska.....	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-
New Jersey.....	2.2	-	-	46.2	-	-	-
New Mexico.....	-	-	-	-	-	-	-
New York.....	-	-	-	9.1	-	(3)	-
North Carolina.....	-	-	-	-	-	-	.1
North Dakota.....	-	-	-	-	-	-	-
Ohio.....	2.7	.1	-	24.5	-	(3)	.1
Oklahoma.....	-	-	-	.1	-	.1	-
Oregon.....	-	-	-	2.1	-	-	-
Pennsylvania.....	4.8	-	-	114.1	-	-	.3
Rhode Island.....	-	-	-	.8	-	-	-
South Carolina.....	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	-	.2
Texas.....	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-
Virginia.....	-	-	-	-	-	-	.3
Washington.....	-	-	-	8.6	-	-	-
West Virginia.....	-	-	-	-	-	-	-
Wisconsin.....	-	-	-	278.7	-	-	-
Wyoming.....	-	-	-	-	-	-	-

<sup>1</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy. Stoppages extending across State lines have been counted separately in each State affected; workers involved and days idle were allocated among the States.

<sup>2</sup> Excludes strike(s) where there is no union.

<sup>3</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 21. Work stoppages by region and State, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Region and State	Stoppages beginning in year			Days idle during year (all stoppages)	
	Number	Mean duration (days) <sup>2/</sup>	Workers involved	Number	Percent of est. non-agricultural working time <sup>3/</sup>
United States.....	5,506	22.8	2,040.1	35,821.8	0.17
Region I.....	215	31.1	46.9	1,076.3	.09
Connecticut.....	65	26.2	13.9	292.8	.09
Maine.....	15	24.2	3.1	51.9	.05
Massachusetts.....	109	38.8	25.3	707.4	.12
New Hampshire.....	7	7.0	1.2	6.2	.01
Rhode Island.....	20	7.3	2.7	15.4	.02
Vermont.....	6	4.2	.6	2.5	.01
Region II.....	575	22.4	106.1	1,850.1	.08
New Jersey.....	212	27.4	39.4	790.2	.11
New York.....	370	19.3	66.7	1,059.8	.06
Region III.....	1,272	14.5	548.5	6,620.3	.28
Delaware.....	20	14.4	4.0	41.3	.07
District of Columbia.....	14	33.2	1.5	35.2	.02
Maryland.....	43	12.9	12.2	126.4	.03
Pennsylvania.....	620	15.4	228.7	3,113.4	.27
Virginia.....	147	18.2	62.0	755.3	.16
West Virginia.....	445	12.7	240.2	2,548.6	1.67
Region IV.....	543	26.8	205.3	4,406.9	.14
Alabama.....	138	18.5	64.6	1,059.4	.34
Florida.....	56	39.3	11.1	428.5	.06
Georgia.....	58	35.7	22.6	546.3	.11
Kentucky.....	164	20.3	70.4	1,221.0	.42
Mississippi.....	22	37.6	3.9	132.9	.07
North Carolina.....	22	26.7	6.9	141.4	.03
South Carolina.....	5	16.6	1.4	14.9	.01
Tennessee.....	98	45.1	24.3	862.5	.21
Region V.....	1,728	21.7	690.2	11,646.0	.26
Illinois.....	420	13.4	196.8	2,245.6	.19
Indiana.....	234	18.4	95.3	1,611.8	.31
Michigan.....	327	22.8	97.9	1,717.1	.20
Minnesota.....	100	86.5	22.1	1,365.6	.34
Ohio.....	556	21.3	218.8	3,573.7	.34
Wisconsin.....	119	26.8	59.3	1,132.3	.25
Region VI.....	209	35.2	58.5	1,452.2	.07
Arkansas.....	24	29.6	3.5	69.9	.04
Louisiana.....	26	31.8	6.5	140.6	.04
New Mexico.....	17	17.0	4.1	55.3	.05
Oklahoma.....	40	28.9	4.3	102.7	.04
Texas.....	107	38.3	40.2	1,083.8	.09
Region VII.....	288	34.4	84.7	2,086.3	.19
Iowa.....	98	30.7	30.1	651.7	.24
Kansas.....	28	32.6	7.8	175.8	.08
Missouri.....	148	27.0	43.0	869.0	.19
Nebraska.....	16	151.9	3.7	389.8	.26
Region VIII.....	106	23.4	31.3	654.5	.11
Colorado.....	47	28.2	8.3	184.6	.07
Montana.....	29	18.2	9.7	117.4	.18
North Dakota.....	5	12.8	.8	11.0	.02
South Dakota.....	7	51.5	1.2	45.1	.08
Utah.....	20	22.7	11.1	204.5	.17
Wyoming.....	2	15.6	.1	92.0	.22
Region IX.....	458	30.2	177.9	3,963.2	.16
Arizona.....	27	33.9	13.5	304.3	.15
California.....	409	26.4	144.0	2,911.1	.14
Hawaii.....	8	66.2	14.7	666.0	.74
Nevada.....	18	19.1	5.7	81.7	.11
Region X.....	205	27.5	90.7	2,066.0	.30
Alaska.....	11	51.6	2.5	102.4	.25
Idaho.....	13	67.0	3.5	188.8	.25
Oregon.....	78	17.8	24.2	357.9	.15
Washington.....	111	28.0	60.5	1,417.0	.42

<sup>1</sup> Stoppages extending across State lines are counted separately in each State affected; workers involved and days idle were allocated among the States.

<sup>2</sup> Excludes private household workers.

<sup>3</sup> Mean duration is calculated only for stoppages ending in the year, and is weighted by multiplying the duration of each stoppage by the workers involved.

NOTE: Because of rounding, sums of individual items may not equal totals.

**Table 22. Work stoppages by region, State, and occupation, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Region and State	Total	Occupation						
		Professional and technical	Clerical	Salesworkers	Production and maintenance	Protective	Service	Combinations
Stoppages beginning in year								
United States.....	5,506	184	42	40	4,793	59	142	246
Region I.....	215	9	3	3	173	5	12	9
Connecticut.....	65	6	1	2	50	2	2	2
Maine.....	15	-	-	-	14	-	-	1
Massachusetts.....	109	2	1	1	92	2	9	2
New Hampshire.....	7	-	-	-	5	-	-	2
Rhode Island.....	20	1	1	-	12	-	1	5
Vermont.....	6	-	-	-	4	1	-	1
Region II.....	575	31	9	9	458	9	12	46
New Jersey.....	212	13	2	5	171	4	7	10
New York.....	370	18	7	4	293	5	7	36
Region III.....	1,272	29	9	4	1,160	5	31	33
Delaware.....	20	-	-	1	18	-	-	1
District of Columbia.....	14	-	2	-	10	-	1	1
Maryland.....	83	1	-	1	38	1	2	-
Pennsylvania.....	620	28	7	3	526	3	27	26
Virginia.....	147	-	-	-	146	1	-	-
West Virginia.....	445	-	-	-	439	-	1	5
Region IV.....	543	1	1	4	520	2	3	11
Alabama.....	138	-	1	1	133	1	-	2
Florida.....	56	-	-	-	56	-	-	-
Georgia.....	58	1	-	-	54	1	1	1
Kentucky.....	164	-	-	2	160	-	-	2
Mississippi.....	22	-	-	-	22	-	-	-
North Carolina.....	22	-	-	-	21	-	-	1
South Carolina.....	5	-	-	-	5	-	-	-
Tennessee.....	98	-	-	1	90	-	2	5
Region V.....	1,728	65	10	7	1,484	22	41	98
Illinois.....	420	15	2	1	371	5	11	15
Indiana.....	234	5	-	3	210	4	2	10
Michigan.....	327	23	3	2	268	-	15	16
Minnesota.....	100	3	3	1	76	1	2	14
Ohio.....	556	16	1	1	481	12	10	35
Wisconsin.....	119	3	1	-	106	-	1	8
Region VI.....	209	1	-	4	186	3	9	5
Arkansas.....	24	-	-	2	22	-	-	-
Louisiana.....	26	1	-	-	20	1	2	2
New Mexico.....	17	-	-	-	16	-	1	-
Oklahoma.....	40	-	-	-	33	2	4	1
Texas.....	107	-	-	2	101	-	2	2
Region VII.....	288	1	1	2	264	2	9	8
Iowa.....	98	-	-	-	98	-	-	-
Kansas.....	28	1	-	-	24	1	2	-
Missouri.....	148	-	-	2	130	1	7	8
Nebraska.....	16	-	1	-	15	-	-	-
Region VIII.....	106	3	1	4	87	3	1	6
Colorado.....	47	2	1	1	41	2	-	1
Montana.....	29	1	1	2	18	1	1	5
North Dakota.....	5	-	-	-	5	-	-	-
South Dakota.....	7	-	-	-	7	-	-	-
Utah.....	20	-	-	1	19	-	-	-
Wyoming.....	2	-	-	-	2	-	-	-
Region IX.....	458	31	5	4	373	4	15	26
Arizona.....	27	-	1	-	25	-	-	1
California.....	409	30	4	4	330	4	14	23
Hawaii.....	8	1	-	-	6	-	-	1
Nevada.....	18	-	-	-	16	-	1	1
Region X.....	205	13	3	2	166	4	9	7
Alaska.....	11	-	-	-	11	-	-	-
Idaho.....	13	-	1	-	11	1	-	-
Oregon.....	78	4	-	1	68	2	1	2
Washington.....	111	9	2	1	85	1	8	5

See footnotes at end of table.



**Table 22. Work stoppages by region, State, and occupation, 1977—Continued**

(Workers and days idle in thousands)

Region and State	Total	Occupation						
		Professional and technical	Clerical	Salesworkers	Production and maintenance	Protective	Service	Combinations
Workers involved								
United States.....	2,040.1	69.6	8.5	23.4	1,815.3	7.2	9.6	106.5
Region I.....	46.9	3.6	.7	.4	36.6	.9	.5	4.2
Connecticut.....	13.9	3.1	(2)	.4	9.2	.8	(2)	.3
Maine.....	3.1	—	—	—	2.9	—	—	.1
Massachusetts.....	25.3	.4	.3	(2)	22.6	.1	.4	1.6
New Hampshire.....	1.2	—	—	—	.5	—	—	.6
Rhode Island.....	2.7	.1	.4	—	.7	—	(2)	1.6
Vermont.....	.6	—	—	—	.6	(2)	—	(2)
Region II.....	106.1	6.4	3.7	5.8	76.1	.7	.9	12.5
New Jersey.....	35.4	2.3	1.8	5.7	25.3	.3	.4	3.6
New York.....	66.7	4.1	1.9	.1	50.8	.4	.5	8.9
Region III.....	548.5	5.6	1.1	10.1	509.5	1.7	2.2	18.2
District of Columbia.....	4.0	—	—	1.1	1.7	—	—	1.2
Maryland.....	12.2	(2)	.1	—	1.2	—	(2)	.1
Pennsylvania.....	228.7	5.6	1.1	8.5	195.6	.1	2.1	15.8
Virginia.....	62.0	—	—	—	61.9	(2)	—	—
West Virginia.....	240.2	—	—	—	239.2	—	(2)	1.0
Region IV.....	205.3	.1	(2)	1.3	202.5	.1	.2	1.1
Alabama.....	64.6	—	(2)	.5	64.0	(2)	—	(2)
Florida.....	11.1	—	—	—	11.1	—	—	—
Georgia.....	22.6	.1	—	—	22.3	(2)	.1	.1
Kentucky.....	70.4	—	—	.7	69.3	—	—	.4
Mississippi.....	3.9	—	—	—	3.9	—	—	—
North Carolina.....	6.9	—	—	—	6.9	—	—	(2)
South Carolina.....	1.4	—	—	—	1.4	—	—	—
Tennessee.....	24.3	—	—	(2)	23.6	—	.1	.6
Region V.....	690.2	34.3	1.6	4.0	597.8	2.8	2.2	47.4
Illinois.....	196.8	2.5	.1	(2)	181.3	.2	.7	12.0
Indiana.....	95.3	4.1	—	3.8	83.8	.5	(2)	3.0
Michigan.....	97.9	8.7	.6	.1	83.3	—	.9	4.4
Minnesota.....	22.1	.1	.2	(2)	21.0	(2)	.1	.7
Ohio.....	218.8	7.6	.1	.1	193.7	2.1	.4	14.9
Wisconsin.....	59.3	11.2	.7	—	34.8	—	.1	12.5
Region VI.....	58.5	(2)	—	.1	56.2	.1	.7	1.4
Arkansas.....	3.5	—	—	.1	3.4	—	—	—
Louisiana.....	6.5	(2)	—	—	6.0	(2)	.3	.1
New Mexico.....	4.1	—	—	—	4.1	—	.1	—
Oklahoma.....	4.3	—	—	—	3.9	.1	.2	.1
Texas.....	40.2	—	—	.1	38.7	—	.1	1.2
Region VII.....	84.7	(2)	(2)	.1	79.4	(2)	.3	4.8
Iowa.....	30.1	—	—	—	30.1	—	—	—
Kansas.....	7.8	(2)	—	—	7.8	(2)	(2)	—
Missouri.....	43.0	—	—	.1	37.8	(2)	.2	4.8
Nebraska.....	3.7	—	(2)	—	3.7	—	—	—
Region VIII.....	31.3	1.1	(2)	.3	29.1	.1	(2)	.8
Colorado.....	8.3	.1	—	(2)	8.0	(2)	—	.1
Montana.....	9.7	1.0	(2)	(2)	7.9	.1	(2)	.6
North Dakota.....	.8	—	—	—	.8	—	—	—
South Dakota.....	1.2	—	—	—	1.2	—	—	—
Utah.....	11.1	—	—	.2	10.9	—	—	—
Wyoming.....	.1	—	—	—	.1	—	—	—
Region IX.....	177.9	16.5	1.1	1.1	143.6	.6	1.3	13.5
Arizona.....	13.5	—	(2)	—	13.4	—	—	.1
California.....	146.0	16.4	1.1	1.1	110.1	.6	1.2	13.4
Hawaii.....	16.7	.1	—	—	14.5	—	—	.1
Nevada.....	5.7	—	—	—	5.6	—	.1	(2)
Region X.....	90.7	2.0	.1	(2)	84.5	.1	1.4	2.6
Alaska.....	2.5	—	—	—	2.5	—	—	—
Idaho.....	3.5	—	(2)	—	3.5	(2)	—	—
Oregon.....	24.2	.4	—	(2)	23.4	(2)	.1	.3
Washington.....	60.5	1.6	.1	(2)	55.0	.1	1.4	2.3

See footnotes at end of table.

**Table 22. Work stoppages by region, State, and occupation, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)

Region and State	Total	Occupation						
		Professional and technical	Clerical	Salesworkers	Production and maintenance	Protective	Service	Combinations
Days idle during year								
United States.....	35,821.8	760.7	202.6	400.6	31,933.5	28.2	479.7	2,016.5
Region I.....	1,076.3	29.8	3.2	6.5	999.6	3.6	20.3	13.2
Connecticut.....	292.8	20.6	1.1	6.5	259.1	2.5	2.4	.6
Maine.....	51.9	-	-	-	51.7	-	-	.2
Massachusetts.....	707.4	8.0	1.8	(2)	675.7	.7	16.4	4.1
New Hampshire.....	6.2	-	-	-	5.3	-	-	.9
Rhode Island.....	15.4	.4	.4	-	5.7	-	1.5	7.5
Vermont.....	2.5	-	-	-	2.1	.5	-	(2)
Region II.....	1,850.1	84.3	93.0	84.1	1,350.7	4.9	21.6	211.3
New Jersey.....	790.2	16.6	83.4	82.9	537.5	3.1	16.1	50.6
New York.....	1,059.8	67.7	9.6	1.2	813.2	1.8	5.5	160.8
Region III.....	6,620.3	93.4	14.3	154.5	6,098.1	6.9	87.7	165.4
Delaware.....	41.3	-	-	16.8	21.3	-	-	3.2
District of Columbia.....	35.2	-	1.2	-	19.6	-	.1	14.4
Maryland.....	126.4	1.3	-	15.9	102.0	6.3	.9	-
Pennsylvania.....	3,113.4	92.2	13.1	121.8	2,698.9	.4	86.2	100.9
Virginia.....	755.3	-	-	-	744.1	.3	-	(3) 10.9
West Virginia.....	2,548.6	-	-	-	2,512.2	-	.5	35.9
Region IV.....	4,406.9	.5	2.8	7.3	4,300.2	.2	49.4	46.5
Alabama.....	1,059.4	-	2.8	1.6	1,054.7	(2)	-	.3
Florida.....	428.5	-	-	-	380.5	-	(3) 48.0	(3) (2)
Georgia.....	546.3	.5	-	(3) 1.0	543.4	.2	.6	.7
Kentucky.....	1,221.0	-	-	3.7	1,200.0	-	-	17.2
Mississippi.....	132.9	-	-	-	132.9	-	-	-
North Carolina.....	141.4	-	-	-	140.7	-	-	.7
South Carolina.....	14.9	-	-	-	14.9	-	-	-
Tennessee.....	862.5	-	-	1.0	833.0	-	.9	27.5
Region V.....	11,646.0	421.9	22.4	113.6	10,046.3	7.1	39.0	995.8
Illinois.....	2,245.6	14.4	.4	.3	2,036.7	1.0	12.9	179.8
Indiana.....	1,611.8	9.2	-	107.9	1,408.8	1.7	1.1	87.1
Michigan.....	1,717.1	54.2	7.1	4.2	1,596.8	-	18.7	36.0
Minnesota.....	1,365.6	4.5	5.5	.9	1,337.9	(2)	1.8	15.0
Chicago.....	3,573.7	53.8	2.3	.3	2,970.9	4.4	4.2	537.8
Wisconsin.....	1,132.3	285.7	7.0	-	699.2	-	.3	140.1
Region VI.....	1,452.2	.1	-	2.4	1,370.5	.2	22.6	56.4
Arkansas.....	69.9	-	-	.7	69.2	-	-	-
Louisiana.....	140.6	.1	-	-	134.8	.1	.3	5.4
New Mexico.....	55.3	-	-	-	48.1	-	7.2	-
Oklahoma.....	102.7	-	-	-	91.2	.1	11.1	.3
Texas.....	1,083.8	(3) (2)	-	1.8	1,027.3	-	3.9	50.7
Region VII.....	2,086.3	.1	.9	1.1	1,924.9	.3	6.7	152.2
Iowa.....	651.7	-	-	-	651.7	-	-	-
Kansas.....	175.8	.1	-	-	173.6	.1	.9	(3) 1.2
Missouri.....	869.0	-	-	1.1	710.7	.2	5.9	151.1
Nebraska.....	389.8	-	.9	-	388.9	-	-	-
Region VIII.....	654.5	6.0	1.8	17.7	621.4	.5	.4	6.6
Colorado.....	184.6	3.1	-	2.8	177.1	.2	(3) .2	1.1
Montana.....	117.4	2.9	1.8	.4	109.5	.3	.2	2.2
North Dakota.....	11.0	-	-	-	7.8	-	-	(3) 3.2
South Dakota.....	45.1	-	-	-	45.1	-	-	-
Utah.....	204.5	-	-	14.6	189.9	-	-	-
Wyoming.....	92.0	-	-	-	92.0	-	-	-
Region IX.....	3,963.2	115.8	57.6	12.6	3,416.9	4.1	45.9	310.3
Arizona.....	304.3	-	.2	-	302.9	-	-	1.3
California.....	2,911.1	113.4	57.4	12.6	2,375.8	4.1	44.8	302.9
Hawaii.....	666.0	2.4	-	-	660.7	-	-	3.0
Nevada.....	81.7	-	-	-	77.5	-	1.1	3.1
Region X.....	2,066.0	8.7	6.6	.8	1,804.9	.3	186.1	58.7
Alaska.....	102.4	-	-	-	102.4	-	-	-
Idaho.....	188.8	-	(2)	-	165.8	.1	-	(3) 22.8
Oregon.....	357.9	3.2	-	.1	332.9	(2)	.2	21.4
Washington.....	1,417.0	5.5	6.5	.7	1,203.8	.1	185.8	14.5

<sup>1</sup> Stoppages extending across State lines have been counted separately in each State affected; workers involved and days idle were allocated among the States.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

<sup>2</sup> Fewer than 50.

<sup>3</sup> Idleness due to stoppage(s) beginning in prior year(s).

**Table 23. Work stoppages in States having 25 stoppages or more by industry, 1977**

(Workers and days idle in thousands)

Industry group	Alabama			Arizona			California		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries 1/.....	138	64.6	1,059.4	27	13.5	304.3	409	144.0	2,911.1
Manufacturing 1/.....	48	13.6	615.7	9	5.8	169.8	212	63.8	1,722.6
Ordnance and accessories.....	1	1.7	43.9	-	-	-	-	-	-
Food and kindred products.....	1	.4	15.6	2	.3	8.2	23	6.4	193.5
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	-	-	(2) 3.2	-	-	-	3	.1	6.3
Apparel, etc. 3/.....	6	1.3	24.5	-	-	-	4	.1	4.5
Lumber and wood products, except furniture.....	2	.2	6.1	1	(4)	.6	17	5.5	181.2
Furniture and fixtures.....	3	.5	15.1	-	-	-	14	1.5	22.2
Paper and allied products.....	2	1.2	51.3	-	-	-	10	.7	25.2
Printing, publishing, and allied industries.....	3	(4)	1.3	-	-	-	3	.3	12.2
Chemicals and allied products.....	-	-	(2) 1.7	1	(4)	.1	6	.5	17.3
Petroleum refining and related industries.....	-	-	-	-	-	-	3	1.6	55.4
Rubber and miscellaneous plastics products.....	3	.6	26.5	-	-	-	5	.9	14.9
Leather and leather products.....	-	-	-	-	-	-	-	-	-
Stone, clay, and glass products.....	4	.5	3.9	2	(4)	4.0	9	6.8	123.1
Primary metal industries.....	4	.9	75.9	1	5.0	152.9	10	1.8	57.1
Fabricated metal products 3/.....	5	1.2	58.4	1	.1	1.8	27	2.9	75.3
Machinery, except electrical.....	6	1.9	120.3	1	.3	2.1	32	5.7	113.0
Electrical machinery, equipment, and supplies.....	2	.2	10.9	-	-	-	15	1.1	16.6
Transportation equipment.....	4	2.7	146.3	-	-	-	25	26.1	743.3
Instruments, etc. 5/.....	1	.2	8.9	-	-	-	5	1.6	57.0
Miscellaneous manufacturing industries.....	1	.1	3.1	-	-	-	1	.1	4.3
Nonmanufacturing 1/.....	90	51.0	443.7	19	7.7	134.5	197	80.2	1,188.5
Agriculture, forestry, and fisheries.....	-	-	-	-	-	-	5	.5	8.9
Mining.....	66	46.6	373.6	4	5.7	113.0	5	.7	18.2
Contract construction.....	6	3.1	43.2	8	1.8	18.6	31	28.8	258.9
Transportation, communication, electric, gas, and sanitary services..	6	.5	20.2	2	.1	1.4	32	3.9	169.6
Wholesale and retail trade.....	4	.4	2.4	3	.1	1.1	49	10.9	243.3
Finance, insurance, and real estate.....	-	-	-	1	(4)	.2	2	1.1	56.7
Services.....	1	.2	.2	1	(4)	.3	23	4.0	94.8
Government 1/.....	7	.3	4.2	-	-	-	50	30.3	338.0
	Colorado			Connecticut			Florida		
All industries 1/.....	47	8.3	184.6	65	13.9	292.8	56	11.1	428.5
Manufacturing 1/.....	14	2.1	97.2	34	5.7	146.5	25	6.8	183.8
Ordnance and accessories.....	-	-	-	1	(4)	.1	-	-	-
Food and kindred products.....	3	1.0	10.5	1	.6	.6	4	.2	4.9
Tobacco manufactures.....	-	-	-	-	-	-	1	1.0	24.5
Textile mill products.....	-	-	-	-	-	-	-	-	-
Apparel, etc. 3/.....	-	-	-	-	-	-	1	1.0	15.0
Lumber and wood products, except furniture.....	-	-	-	-	-	-	-	-	-
Furniture and fixtures.....	-	-	-	-	-	-	2	.2	2.8
Paper and allied products.....	-	-	-	1	.1	.2	3	1.2	41.6
Printing, publishing, and allied industries.....	3	.1	1.5	1	(4)	.1	-	-	-
Chemicals and allied products.....	-	-	-	1	(4)	.8	-	-	-
Petroleum refining and related industries.....	-	-	-	1	.1	.2	-	-	-
Rubber and miscellaneous plastics products.....	-	-	-	2	.2	7.7	1	.1	1.2
Leather and leather products.....	-	-	-	-	-	-	1	.2	6.4
Stone, clay, and glass products.....	3	.1	4.4	2	(4)	.6	2	.6	8.9
Primary metal industries.....	1	.1	9.4	7	1.2	47.3	1	.1	1.2
Machinery, except electrical.....	3	.7	69.6	7	.5	8.6	3	.4	38.8
Electrical machinery, equipment, and supplies.....	-	-	-	2	.3	1.9	2	1.1	27.6
Transportation equipment.....	-	-	-	2	1.1	55.9	2	.5	5.4
Instruments, etc. 5/.....	-	-	(2) 1.3	-	-	-	-	-	-
Miscellaneous manufacturing industries.....	-	-	-	2	.3	16.5	1	.1	.1
Nonmanufacturing 1/.....	33	6.2	87.4	31	8.3	146.3	31	4.3	244.7
Agriculture, forestry, and fisheries.....	-	-	-	-	-	-	-	-	-
Mining.....	6	2.7	33.8	-	-	-	-	-	-
Contract construction.....	7	1.6	2.0	8	1.9	32.5	17	1.8	72.3
Transportation, communication, electric, gas, and sanitary services..	5	1.3	36.0	4	.1	.9	3	.7	62.8
Wholesale and retail trade.....	7	.2	6.7	6	.6	11.2	8	.8	10.8
Finance, insurance, and real estate.....	-	-	-	1	.1	3.4	-	-	-
Services.....	4	.2	4.0	5	1.7	75.8	3	.9	98.9
Government 1/.....	4	.3	5.0	7	3.9	22.5	-	-	-

See footnotes at end of table.

**Table 23. Work stoppages in States having 25 stoppages or more by industry, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Georgia			Illinois			Indiana		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries 1/.....	58	22.6	546.3	420	196.8	2,245.6	234	95.3	1,611.8
Manufacturing 1/.....	34	16.2	459.2	186	62.0	1,300.8	143	65.9	1,271.9
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	6	1.1	15.8	20	8.9	164.3	17	3.8	116.2
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	2	.1	3.7	2	.1	11.4	-	-	-
Apparel, etc. 3/.....	1	.3	6.3	1	.1	7.5	-	-	-
Lumber and wood products, except furniture.....	1	.1	1.5	5	1.3	17.5	2	(4)	.7
Furniture and fixtures.....	1	(4)	.2	3	.4	12.4	3	1.0	4.6
Paper and allied products.....	2	1.3	54.2	2	1.1	49.5	-	-	-
Printing, publishing, and allied industries.....	-	-	-	-	-	-	6	.8	8.8
Chemicals and allied products.....	1	.1	.8	15	5.1	127.7	3	.1	1.9
Petroleum refining and related industries.....	-	-	-	1	.2	5.5	-	-	-
Rubber and miscellaneous plastics products.....	-	-	-	2	.1	.7	7	1.1	52.1
Leather and leather products.....	-	-	-	1	.1	.4	-	-	-
Stone, clay, and glass products.....	3	1.6	36.1	14	5.9	103.5	7	2.0	28.9
Primary metal industries.....	3	.5	23.4	26	6.4	134.7	19	4.2	60.6
Fabricated metal products 5/.....	2	.2	9.2	20	4.0	97.6	24	4.6	80.4
Machinery, except electrical.....	2	.1	1.2	44	16.6	326.9	18	16.0	397.2
Electrical machinery, equipment, and supplies.....	7	5.4	49.6	11	3.5	51.6	20	19.5	198.2
Transportation equipment.....	3	5.4	257.1	15	7.7	177.1	14	12.1	264.2
Instruments, etc. 6/.....	-	-	-	1	.1	2.0	-	-	-
Miscellaneous manufacturing industries..	-	-	-	3	.3	10.5	3	.5	58.2
Nonmanufacturing 1/.....	24	6.4	87.1	234	134.7	944.8	91	29.4	339.9
Agriculture, forestry, and fisheries....	-	-	-	1	(4)	4.5	-	-	-
Mining.....	2	.1	.4	106	90.6	517.5	27	10.6	96.3
Contract construction.....	15	3.4	33.0	26	25.1	138.9	20	5.6	54.4
Transportation, communication, electric, gas, and sanitary services..	2	.9	34.1	26	5.3	184.6	11	1.3	38.5
Wholesale and retail trade.....	-	-	(2) 1.0	31	5.9	53.6	10	4.4	117.3
Finance, insurance, and real estate....	-	-	-	3	.1	1.7	-	-	-
Services.....	1	.1	.6	12	1.3	19.8	5	.4	7.4
Government 1/.....	4	1.9	18.0	29	6.5	24.2	18	7.0	26.1

	Iowa			Kansas			Kentucky		
All industries 1/.....	98	30.1	651.7	28	7.8	175.8	164	70.4	1,221.0
Manufacturing 1/.....	61	16.1	363.0	10	5.1	149.1	66	20.1	566.2
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	13	3.0	86.9	2	.6	2.1	7	.5	9.7
Tobacco manufactures.....	-	-	-	-	-	-	3	4.0	97.2
Textile mill products.....	-	-	-	-	-	-	1	.2	1.1
Apparel, etc. 3/.....	2	.3	7.2	-	-	(2) 1.2	3	.4	5.3
Lumber and wood products, except furniture.....	-	-	-	-	-	-	-	-	-
Furniture and fixtures.....	-	-	-	-	-	-	3	.5	6.2
Paper and allied products.....	1	.3	4.5	-	-	-	3	.7	46.6
Printing, publishing, and allied industries.....	3	1.5	11.5	-	-	-	-	-	-
Chemicals and allied products.....	-	-	-	-	-	-	5	1.1	27.1
Petroleum refining and related industries.....	-	-	-	-	-	-	-	-	-
Rubber and miscellaneous plastics products.....	3	1.3	25.7	-	-	-	1	.1	1.2
Leather and leather products.....	-	-	-	-	-	-	1	.1	2.5
Stone, clay, and glass products.....	3	.1	3.7	2	.6	36.3	3	.4	16.3
Primary metal industries.....	4	.8	8.2	1	.3	2.0	3	.8	26.0
Fabricated metal products 5/.....	10	1.9	43.9	-	-	-	11	3.0	164.1
Machinery, except electrical.....	14	5.7	100.5	2	.2	1.1	11	2.5	88.0
Electrical machinery, equipment, and supplies.....	1	(4)	.8	1	.1	2.6	6	4.0	24.1
Transportation equipment.....	6	1.0	68.3	2	3.4	103.8	3	1.5	46.9
Instruments, etc. 6/.....	-	-	-	-	-	-	2	.4	3.8
Miscellaneous manufacturing industries..	1	.2	1.8	-	-	-	-	-	-
Nonmanufacturing 1/.....	37	14.0	288.7	18	2.7	26.7	98	50.4	654.6
Agriculture, forestry, and fisheries....	-	-	-	-	-	-	-	-	-
Mining.....	-	-	-	1	.2	2.7	72	40.7	532.1
Contract construction.....	24	12.8	268.7	7	1.8	19.7	10	8.1	69.6
Transportation, communication, electric, gas, and sanitary services..	4	.6	10.4	4	(4)	.6	5	.5	43.4
Wholesale and retail trade.....	6	.5	7.5	5	.6	3.6	5	.3	5.7
Finance, insurance, and real estate....	-	-	-	-	-	-	1	.1	.3
Services.....	3	.1	2.1	-	-	-	3	.3	2.5
Government 1/.....	-	-	-	1	(4)	.1	2	.4	1.3

See footnotes at end of table.

**Table 23. Work stoppages in States having 25 stoppages or more by industry, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Louisiana			Maryland			Massachusetts		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries 1/.....	26	6.5	140.6	43	12.2	126.4	109	25.3	707.4
Manufacturing 1/.....	14	3.3	57.8	24	3.4	59.0	58	14.7	542.1
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	-	-	-	2	.1	1.8	4	1.2	7.0
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	1	.1	.4	-	-	-	4	.5	4.5
Apparel, etc. 3/.....	2	.2	.7	-	-	-	-	-	-
Lumber and wood products, except furniture.....	1	.9	2.6	1	(4)	.6	-	-	-
Furniture and fixtures.....	-	-	-	3	.3	3.5	3	.1	1.0
Paper and allied products.....	-	-	-	1	(4)	.2	2	.3	5.1
Printing, publishing, and allied industries.....	-	-	-	-	-	-	2	(4)	.6
Chemicals and allied products.....	2	.5	1.5	4	.3	15.5	-	-	(2)4.8
Petroleum refining and related industries.....	1	.8	42.0	-	-	-	-	-	-
Rubber and miscellaneous plastics products.....	-	-	-	2	.3	10.5	-	-	(2)2.8
Leather and leather products.....	-	-	-	1	.5	4.6	-	-	-
Stone, clay, and glass products.....	3	.5	6.3	4	.4	3.8	6	.5	9.5
Primary metal industries.....	1	.1	1.2	2	1.1	14.1	9	3.3	114.9
Fabricated metal products 5/.....	2	(4)	2.8	3	.1	1.3	5	1.0	21.1
Machinery, except electrical.....	-	-	-	-	-	-	9	.4	8.0
Electrical machinery, equipment, and supplies.....	-	-	-	1	.3	2.8	7	.5	28.2
Transportation equipment.....	1	.2	.2	-	-	-	4	5.5	316.5
Instruments, etc. 6/.....	-	-	-	-	-	-	2	.1	.1
Miscellaneous manufacturing industries..	-	-	-	-	-	(2).2	1	1.2	18.1
Nonmanufacturing 1/.....	12	3.2	82.8	19	8.8	67.4	51	10.7	165.4
Agriculture, forestry, and fisheries...	-	-	-	-	-	-	-	-	-
Mining.....	-	-	-	1	.7	12.6	-	-	-
Contract construction.....	3	1.7	33.3	2	1.1	6.6	11	4.6	72.2
Transportation, communication, electric, gas, and sanitary services..	5	1.3	43.8	6	4.2	12.8	14	2.5	26.5
Wholesale and retail trade.....	-	-	(4)	6	.4	12.5	12	.7	27.1
Finance, insurance, and real estate....	-	-	-	-	-	-	-	-	-
Services.....	1	.1	5.5	2	.6	16.0	11	2.1	34.6
Government 7/.....	3	(4)	.2	2	1.8	6.8	3	.7	5.0
	Michigan			Minnesota			Missouri		
All industries 1/.....	327	97.9	1,717.1	100	22.1	1,365.6	148	43.0	869.0
Manufacturing 1/.....	200	65.1	1,090.6	54	8.0	307.7	84	27.8	457.1
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	12	1.6	79.7	12	1.8	41.6	8	1.9	28.3
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	1	(4)	.1	-	-	-	1	.1	1.3
Apparel, etc. 3/.....	1	.1	9.0	1	.2	3.1	2	.2	2.4
Lumber and wood products, except furniture.....	3	.1	1.8	2	.2	1.4	2	.3	6.5
Furniture and fixtures.....	4	.3	4.9	5	.7	16.6	5	.4	6.6
Paper and allied products.....	5	.9	12.0	-	-	-	6	2.8	77.1
Printing, publishing, and allied industries.....	2	.2	2.0	-	-	-	1	(4)	.3
Chemicals and allied products.....	7	.9	57.3	-	-	-	3	.1	5.4
Petroleum refining and related industries.....	-	-	-	-	-	-	1	(4)	.7
Rubber and miscellaneous plastics products.....	10	1.4	25.3	2	.2	14.5	5	.7	17.1
Leather and leather products.....	-	-	-	-	-	-	1	.9	3.6
Stone, clay, and glass products.....	8	3.4	39.8	6	1.0	25.3	5	.1	2.5
Primary metal industries.....	23	9.7	165.8	2	.2	10.7	2	.2	16.7
Fabricated metal products 5/.....	39	5.7	178.8	7	1.0	44.2	12	1.2	37.5
Machinery, except electrical.....	45	17.9	337.5	13	2.0	121.1	11	2.7	41.8
Electrical machinery, equipment, and supplies.....	14	1.3	19.7	1	.6	13.9	6	.9	18.1
Transportation equipment.....	18	19.8	110.7	3	.2	15.3	11	15.1	189.9
Instruments, etc. 6/.....	5	.8	10.4	-	-	-	-	-	-
Miscellaneous manufacturing industries..	3	.9	35.8	-	-	-	2	.1	1.3
Nonmanufacturing 1/.....	127	32.9	626.5	46	14.1	1,057.9	64	15.2	411.8
Agriculture, forestry, and fisheries...	-	-	-	-	-	-	-	-	-
Mining.....	5	3.7	266.9	1	11.1	988.0	5	1.2	22.4
Contract construction.....	18	5.6	87.6	5	.4	6.6	21	4.3	113.2
Transportation, communication, electric, gas, and sanitary services..	10	.4	59.4	5	.2	18.3	8	.6	17.4
Wholesale and retail trade.....	25	2.3	53.1	17	1.0	22.4	18	4.5	128.0
Finance, insurance, and real estate....	1	.2	4.1	2	(4)	.4	-	-	-
Services.....	17	2.1	35.1	5	.2	5.0	7	.4	6.7
Government 7/.....	51	18.4	120.3	11	1.2	17.2	5	4.2	124.1

See footnotes at end of table.

**Table 23. Work stoppages in States having 25 stoppages or more by industry, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Montana			New Jersey			New York		
	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved		Number	Workers involved		Number	Workers involved	
All industries 1/.....	29	9.7	117.4	212	39.4	790.2	370	66.7	1,059.8
Manufacturing 1/.....	2	2.0	32.4	102	16.7	397.6	201	33.0	405.9
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	-	-	-	5	.4	7.9	5	1.8	29.2
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	-	-	-	5	.4	2.3	4	.4	16.3
Apparel, etc. 3/.....	-	-	-	3	.1	1.9	15	1.5	17.2
Lumber and wood products, except furniture.....	-	-	-	1	.1	1.1	1	(4)	.2
Furniture and fixtures.....	-	-	-	5	.3	2.5	8	1.0	19.0
Paper and allied products.....	-	-	-	10	1.3	27.3	8	.4	4.4
Printing, publishing, and allied industries.....	-	-	-	5	.1	1.9	4	.9	5.2
Chemicals and allied products.....	-	-	-	7	.4	20.1	9	1.3	15.1
Petroleum refining and related industries.....	-	-	-	-	-	-	1	(4)	7.0
Rubber and miscellaneous plastics products.....	-	-	-	4	.6	3.1	4	.2	12.3
Leather and leather products.....	-	-	-	1	(4)	1.2	2	.1	.5
Stone, clay, and glass products.....	-	-	-	8	4.2	42.9	6	.8	7.2
Primary metal industries.....	2	2.0	32.4	5	1.5	75.3	24	4.2	87.1
Fabricated metal products 5/.....	-	-	-	15	1.8	62.1	17	2.2	27.7
Machinery, except electrical.....	-	-	-	12	2.8	34.2	50	10.0	36.6
Electrical machinery, equipment, and supplies.....	-	-	-	6	1.1	20.9	23	4.5	70.1
Transportation equipment.....	-	-	-	2	.4	5.5	9	1.8	28.6
Instruments, etc. 8/.....	-	-	-	1	.1	.9	7	1.0	14.1
Miscellaneous manufacturing industries..	-	-	-	7	1.1	44.4	7	.8	8.2
Nonmanufacturing 1/.....	28	7.7	84.9	110	22.7	392.6	170	33.8	653.9
Agriculture, forestry, and fisheries....	-	-	-	1	(4)	.5	-	-	-
Mining.....	2	1.6	28.0	-	-	-	3	.3	7.9
Contract construction.....	6	4.0	33.7	13	3.4	56.5	29	6.0	54.9
Transportation, communication, electric, gas, and sanitary services..	-	-	-	18	4.5	120.8	28	6.4	346.3
Wholesale and retail trade.....	10	.2	7.6	37	7.9	125.8	41	2.4	39.8
Finance, insurance, and real estate.....	-	-	-	4	.1	3.2	2	.1	2.0
Services.....	1	(4)	.3	15	1.3	29.4	53	12.5	153.6
Government 1/.....	9	1.9	15.2	22	5.5	56.5	14	6.0	49.6
	Ohio			Oklahoma			Oregon		
All industries 1/.....	556	218.8	3,573.7	40	4.3	102.7	78	24.2	357.9
Manufacturing 1/.....	293	85.1	1,723.3	15	1.6	57.6	43	18.7	266.9
Ordnance and accessories.....	-	-	-	-	-	-	-	-	-
Food and kindred products.....	19	1.8	50.0	3	.2	2.2	4	.6	9.0
Tobacco manufactures.....	-	-	-	-	-	-	-	-	-
Textile mill products.....	3	.4	12.4	-	-	-	-	-	-
Apparel, etc. 3/.....	2	.1	.5	-	-	-	-	-	-
Lumber and wood products, except furniture.....	2	.5	3.0	-	-	-	11	3.9	40.8
Furniture and fixtures.....	8	1.9	41.5	-	-	-	3	.1	1.1
Paper and allied products.....	4	.2	2.6	-	-	-	2	5.9	8.0
Printing, publishing, and allied industries.....	8	1.0	17.6	-	-	-	-	-	-
Chemicals and allied products.....	18	2.0	56.1	-	-	-	-	-	-
Petroleum refining and related industries.....	5	1.1	17.3	-	-	-	1	(4)	.5
Rubber and miscellaneous plastics products.....	15	2.5	56.3	-	-	-	-	-	-
Leather and leather products.....	1	.3	.8	-	-	-	-	-	-
Stone, clay, and glass products.....	23	3.6	127.6	2	.1	1.1	1	.5	9.3
Primary metal industries.....	31	13.5	248.3	-	-	-	5	3.3	90.1
Fabricated metal products 5/.....	51	8.8	183.5	1	.1	4.2	2	.1	2.4
Machinery, except electrical.....	50	13.6	424.5	7	1.0	49.5	9	1.0	26.3
Electrical machinery, equipment, and supplies.....	18	8.5	221.2	-	-	-	1	.1	1.4
Transportation equipment.....	25	23.4	224.6	2	.2	.7	3	3.1	71.9
Instruments, etc. 8/.....	5	.5	18.8	-	-	-	1	.1	5.8
Miscellaneous manufacturing industries..	6	1.2	16.6	-	-	-	-	-	-
Nonmanufacturing 1/.....	263	133.7	1,850.4	25	2.7	45.1	35	5.4	91.0
Agriculture, forestry, and fisheries....	-	-	-	-	-	-	-	-	-
Mining.....	92	68.3	558.8	2	.4	9.0	-	-	-
Contract construction.....	22	30.7	500.5	9	1.2	4.5	9	1.2	23.4
Transportation, communication, electric, gas, and sanitary services..	28	7.0	333.1	2	.1	5.1	4	.1	7.1
Wholesale and retail trade.....	42	6.3	253.7	8	.7	20.7	14	3.6	56.0
Finance, insurance, and real estate.....	1	(4)	.1	-	-	-	-	-	-
Services.....	16	3.2	107.8	2	.2	5.6	3	.1	1.2
Government 1/.....	62	18.2	96.5	2	.1	.1	5	.4	3.3

See footnotes at end of table.



**Table 23. Work stoppages in States having 25 stoppages or more by industry, 1977—Continued**

(Workers and days idle in thousands)

Industry group	Wisconsin		
	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved	
All industries 1/.....	119	59.3	1,132.3
Manufacturing 1/.....	81	31.8	656.9
Ordnance and accessories.....	-	-	-
Food and kindred products.....	7	.6	15.7
Tobacco manufactures.....	-	-	-
Textile mill products.....	-	-	-
Apparel, etc. 3/.....	-	-	-
Lumber and wood products, except furniture.....	4	1.3	17.4
Furniture and fixtures.....	-	-	-
Paper and allied products.....	2	.4	8.3
Printing, publishing, and allied industries.....	6	.9	103.4
Chemicals and allied products.....	-	-	-
Petroleum refining and related industries.....	-	-	-
Rubber and miscellaneous plastics products.....	2	.1	3.4
Leather and leather products.....	1	.6	5.2
Stone, clay, and glass products.....	5	.3	4.1
Primary metal industries.....	4	1.4	55.7
Fabricated metal products 5/.....	10	1.3	26.6
Machinery, except electrical.....	21	12.6	247.5
Electrical machinery, equipment, and supplies.....	2	.3	2.2
Transportation equipment.....	16	10.7	144.7
Instruments, etc. 6/.....	1	1.2	22.8
Miscellaneous manufacturing industries..	-	-	-
Nonmanufacturing 1/.....	38	27.5	475.4
Agriculture, forestry, and fisheries....	-	-	-
Mining.....	-	-	-
Contract construction.....	16	2.7	35.3
Transportation, communication, electric, gas, and sanitary services..	6	.9	25.9
Wholesale and retail trade.....	4	.4	6.1
Finance, insurance, and real estate.....	-	-	-
Services.....	4	.4	13.3
Government 7/.....	8	23.1	394.7

<sup>1</sup> The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in two or more groups have been counted in each. Workers involved and days idle have been allocated among the respective groups.

<sup>2</sup> Idleness resulting from stoppage(s) beginning in prior year(s).

<sup>3</sup> Includes other finished products made from fabrics and similar materials.

<sup>4</sup> Fewer than 50.

<sup>5</sup> Excludes ordnance, machinery, and transportation equipment.

<sup>6</sup> Includes professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.

<sup>7</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.



**Table 24. Work stoppages by State and metropolitan area, 1977<sup>1</sup>**

(Workers and days idle in thousands)

State and metropolitan area	Stoppages beginning in year		Days idle during year (all stoppages)	State and metropolitan area	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved			Number	Workers involved	
All stoppages.....	5,506	2,040.1	35,821.8	Lafayette-West Lafayette.....	5	0.3	4.0
Alabama.....	138	64.6	1,059.4	South Bend.....	17	3.8	83.5
Birmingham.....	35	8.7	384.6	Terre Haute.....	11	1.0	10.4
Mobile.....	7	2.0	59.7	Iowa.....	98	30.1	651.7
Tuscaloosa.....	5	1.5	53.5	Cedar Rapids.....	7	4.4	82.3
Alaska.....	11	2.5	102.4	Davenport-Rock Island-Moline,			
Anchorage.....	6	1.7	80.3	IA-IL.....	20	11.6	71.1
Arizona.....	27	13.5	304.3	Iowa portion.....	7	2.3	34.8
Phoenix.....	16	1.8	21.2	Illinois portion.....	14	9.2	41.4
Arkansas.....	24	3.5	69.9	Des Moines.....	19	9.9	262.2
Fort Smith, AR-OK.....	5	.7	33.9	Dubuque.....	8	1.2	16.3
Little Rock-North Little Rock.....	6	.7	5.5	Sioux City, IA-NE.....	8	4.6	388.5
California.....	409	144.0	2,911.1	Iowa portion.....	7	2.8	28.5
Anaheim-Santa Ana-Garden Grove.....	19	4.9	43.7	Waterloo-Cedar Falls.....	8	2.4	39.5
Eakersfield.....	6	1.7	17.9	Kansas.....	28	7.8	175.8
Fresno.....	11	1.1	21.0	Topeka.....	8	.6	4.3
Los Angeles-Long Beach.....	128	42.0	1,321.6	Richita.....	6	3.8	106.5
Marin county.....	6	.7	5.4	Lexington-Fayette.....	164	70.4	1,221.0
Oakland-East Bay.....	74	30.3	578.3	Louisville, KY-IN.....	6	2.2	37.6
Ornard-Simi Valley-Ventura.....	5	1.3	8.8	Louisville, KY-IN.....	37	17.9	304.2
Riverside-San Bernardino-Ontario.....	25	6.0	112.9	Kentucky portion.....	33	13.7	195.7
Sacramento.....	21	5.6	65.9	Louisiana.....	26	6.5	140.6
Salinas-Seaside-Monterey.....	6	.8	7.6	New Orleans.....	8	2.1	48.8
San Diego.....	17	10.1	72.4	Shreveport.....	5	.4	1.8
San Francisco.....	19	10.4	138.6	Maine.....	15	3.1	51.9
San Jose.....	23	9.0	256.9	Portland.....	6	1.7	31.3
San Mateo county.....	21	1.2	16.5	Maryland.....	43	12.2	126.4
Santa Barbara-Santa Maria-Lompoc.....	5	1.2	6.8	Baltimore.....	30	9.4	81.5
Santa Rosa.....	8	1.0	21.8	Bassachusetts.....	109	25.3	707.4
Stockton.....	15	2.5	39.2	Boston.....	46	14.4	489.3
Vallejo-Fairfield-Napa.....	6	1.1	5.8	Fall River, MA-RI.....	7	.9	15.0
Colorado.....	47	8.3	184.6	Massachusetts portion.....	7	.9	15.0
Denver-Boulder.....	26	3.5	123.3	Pittsfield.....	9	.3	1.6
Fueblo.....	9	.8	24.3	Springfield-Chicopee-Holyoke,			
Connecticut.....	65	13.9	292.8	MA-CT.....	15	5.9	126.3
Bridgeport.....	11	1.1	16.7	Massachusetts portion.....	15	5.9	126.3
Hartford.....	16	3.1	93.3	Worcester.....	12	1.9	68.3
New Haven-West Haven.....	18	3.2	111.1	Michigan.....	327	97.9	1,717.1
Waterbury.....	6	2.7	38.4	Ann Arbor.....	14	3.9	69.5
Delaware.....	20	4.0	41.3	Battle Creek.....	12	2.9	56.1
Bilmington, DE-NJ.....	18	4.0	43.1	Detroit.....	153	47.1	632.2
Delaware portion.....	16	3.6	39.8	Flint.....	10	2.6	39.8
District of Columbia.....	14	1.5	35.2	Grand Rapids.....	21	3.4	80.4
Washington, DC-MD-VA.....	23	2.5	55.3	Jackson.....	6	.9	26.6
District of Columbia portion.....	14	1.5	35.2	Kalamazoo-Portage.....	14	2.3	37.2
Maryland portion.....	9	1.0	20.0	Lansing-East Lansing.....	16	3.7	59.1
Florida.....	56	11.1	428.5	Muskegon-Muskegon Heights.....	12	2.6	111.0
Jacksonville.....	7	2.6	78.1	Saginaw.....	13	7.1	36.0
Miami.....	13	2.1	145.8	Minnesota.....	100	22.1	1,365.6
Orlando.....	7	.5	10.0	Duluth-Superior, MN-WI.....	14	1.7	58.6
Tampa-St. Petersburg.....	14	2.2	90.3	Minnesota portion.....	12	1.2	48.5
Georgia.....	58	22.6	546.3	Minneapolis-St. Paul, MN-WI.....	59	6.4	246.7
Atlanta.....	23	17.3	377.9	Minnesota portion.....	59	6.4	246.7
Savannah.....	6	.5	12.6	Mississippi.....	22	3.9	132.9
Hawaii.....	8	14.7	666.0	Biloxi-Gulfport.....	6	.7	3.3
Honolulu.....	8	14.7	666.0	Jackson.....	5	.4	2.4
Idaho.....	13	3.5	188.8	Missouri.....	148	43.0	869.0
Illinois.....	420	196.8	2,245.6	Kansas City, MO-KS.....	34	12.6	286.2
Bloomington-Normal.....	5	2.2	18.3	Missouri portion.....	31	10.0	232.2
Chicago Northwestern Indiana				St. Louis, MO-IL.....	90	30.5	582.0
Standard Consolidated Area.....	148	38.8	779.2	Missouri portion.....	65	22.3	382.3
Chicago 2/.....	132	32.4	619.7	Illinois portion.....	25	8.3	199.7
Decatur.....	10	7.2	154.5	Springfield.....	19	4.4	118.1
Peoria.....	23	6.3	184.1	Montana.....	29	9.7	117.4
Rockford.....	8	1.4	31.7	Billings.....	10	2.3	20.6
Springfield.....	5	2.9	47.0	Great Falls.....	6	1.8	32.2
Indiana.....	234	95.3	1,611.8	Nebraska.....	16	3.7	389.8
Anderson.....	10	13.7	186.3	Omaha, NE-IA.....	9	1.1	15.7
Evansville, IN-KY.....	7	3.3	57.9	Nebraska portion.....	7	1.0	14.6
Indiana portion.....	7	3.3	57.9	Nevada.....	18	5.7	81.7
Fort Wayne.....	28	4.7	88.7	Las Vegas.....	14	4.5	57.2
Gary-Hammond-East Chicago 2/.....	17	6.4	159.5	New Hampshire.....	7	1.2	6.2
Indianapolis.....	38	21.8	283.4	New Jersey.....	212	39.4	790.2
				Jersey City 3/.....	18	3.5	57.2
				Long Branch-Asbury Park.....	10	1.2	26.6

See footnotes at end of table.

**Table 24. Work stoppages by State and metropolitan area, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)

State and metropolitan area	Stoppages beginning in year		Days idle during year (all stoppages)	State and metropolitan area	Stoppages beginning in year		Days idle during year (all stoppages)
	Number	Workers involved			Number	Workers involved	
New Brunswick-Perth Amboy-Sayreville 3/	22	5.3	196.9	Lancaster.....	5	.4	9.7
Newark 3/	54	9.2	170.6	Northeast Pennsylvania 3/	29	3.1	75.3
Paterson-Clifton-Passaic 3/	31	2.8	52.4	Philadelphia, PA-NJ.....	126	54.1	830.7
Trenton.....	12	1.4	20.7	Pennsylvania portion.....	97	45.5	675.2
Wireland-Millville-Bridgeton.....	5	2.8	56.5	New Jersey portion.....	30	8.6	155.5
New Mexico.....	17	4.1	55.3	Pittsburgh.....	135	22.1	634.3
Albuquerque.....	5	.7	7.2	Reading.....	19	4.2	57.4
New York.....	370	66.7	1,059.8	Williamsport.....	12	2.5	135.6
Albany-Schenectady-Troy.....	68	14.6	41.8	York.....	8	1.6	23.3
Buffalo.....	35	4.7	232.3	Rhode Island.....	20	2.7	15.4
Elizabethton-Newburgh.....	6	2.0	28.2	Providence-Warwick-Pawtucket, RI-MI.....	19	2.3	14.7
Hudson-Suffolk counties 4/	49	3.5	62.6	Rhode Island portion.....	18	2.3	14.6
New York City 4/	128	23.4	404.6	South Carolina.....	5	1.4	14.9
New York-Northeastern New Jersey Standard Consolidated Area.....	299	53.7	1,042.1	South Dakota.....	7	1.2	45.1
Poughkeepsie.....	7	.9	10.5	Tennessee.....	98	24.3	862.5
Rochester.....	16	3.0	28.7	Chattanooga, TN-GA.....	8	.4	9.9
Rockland county 4/	5	2.2	10.1	Tennessee portion.....	8	0.4	9.9
Syracuse.....	15	2.6	37.9	Kingsport-Bristol, TN-VA.....	5	.6	20.6
Westchester county 3/	20	3.9	87.3	Knoxville.....	13	1.5	76.0
North Carolina.....	22	6.9	41.4	Memphis, TN-MS-AR.....	24	2.5	73.2
Charlotte-Gastonia.....	9	1.7	84.3	Tennessee portion.....	23	2.5	73.1
North Dakota.....	5	.8	11.0	Nashville-Davidson.....	11	2.8	162.0
Ohio.....	556	218.8	3,573.7	Texas.....	107	40.2	1,083.8
Akron.....	30	7.4	159.5	Beaumont-Port Arthur-Orange.....	24	8.0	362.2
Canton.....	35	10.0	185.2	Dallas-Fort Worth.....	26	10.4	196.5
Cincinnati, OH-KY-IN.....	55	10.8	177.8	Galveston-Texas City.....	7	.9	32.5
Ohio portion.....	51	10.1	171.4	Houston.....	22	8.2	190.1
Cleveland.....	96	44.8	871.7	Utah.....	20	11.1	204.5
Columbus.....	36	7.3	131.9	Salt Lake City-Ogden.....	11	7.0	126.0
Dayton.....	19	12.1	351.4	Vermont.....	6	.6	2.5
Hamilton-Ziddletown.....	8	2.5	40.7	Virginia.....	147	62.0	755.3
Lima.....	11	5.2	110.4	Norfolk-Virginia Beach-Portsmouth, VA-NC.....	8	.5	22.0
Lorain-Elyria.....	8	1.6	28.5	Virginia portion.....	8	.5	22.0
Mansfield.....	6	1.3	26.6	Renoke.....	10	1.6	15.4
Steubenville-Beirton, OH-WV.....	9	.9	33.1	Washington.....	111	60.5	1,417.0
West Virginia portion.....	5	.4	23.4	Richland-Kennebec.....	8	.4	5.9
Toledo, OH-MI.....	41	13.5	162.2	Seattle-Everett.....	38	37.6	1,029.6
Ohio portion.....	40	12.7	161.4	Spokane.....	12	2.0	28.5
Youngstown-Warren.....	28	7.3	143.0	Tacoma.....	8	4.5	97.6
Oklahoma.....	40	4.3	102.7	Yakima.....	6	1.2	16.7
Oklahoma City.....	11	1.0	11.9	West Virginia.....	485	240.2	2,548.6
Tulsa.....	14	1.7	47.0	Charleston.....	12	1.0	27.7
Oregon.....	78	24.2	357.9	Huntington-Ashland, WV-KY-OE.....	21	6.6	177.6
Eugene-Springfield.....	6	4.5	18.2	West Virginia portion.....	9	3.5	54.3
Portland, OR-WA.....	53	12.4	308.7	Kentucky portion.....	9	1.6	80.5
Oregon portion.....	43	10.8	237.7	Parkersburg-Barietta, WV-OE.....	10	2.6	94.8
Washington portion.....	10	1.6	71.0	Ohio portion.....	6	1.6	30.5
Salem.....	6	.7	29.6	Wheeling, WV-GA.....	9	1.7	43.8
Pennsylvania.....	620	228.7	3,113.4	West Virginia portion.....	6	1.2	33.3
Allentown-Bethlehem-Easton, PA-NJ.....	39	7.5	103.4	Wisconsin.....	119	59.3	1,132.3
Pennsylvania portion.....	36	7.1	101.1	Appleton-Oshkosh.....	6	1.8	111.4
Erie.....	16	3.2	53.8	Kenosha.....	8	1.4	59.1
Harrisburg.....	7	9.9	39.7	La Crosse.....	5	.3	20.6
Johnstown.....	5	.5	13.3	Madison.....	12	12.4	138.9
				Milwaukee.....	33	21.5	484.5
				Racine.....	14	7.5	110.7

<sup>1</sup> Includes data for each metropolitan area in which 5 stoppages or more began in 1977. Some metropolitan areas include counties in more than one State, and hence, an area may equal or exceed the total for the State in which the major city is located. Stoppages in the logging and mining industries are excluded. Stoppages occurring in more than one metropolitan area are counted separately in each area affected; the workers involved and days idle are allocated to the respective areas.

<sup>2</sup> Included in the Chicago, Ill-Northwestern Indiana Standard Consolidated Area.

<sup>1</sup> Included in the New York-Northeastern New Jersey Standard Consolidated Area.

<sup>2</sup> Included in the New York City SMSA and New York-Northeastern New Jersey Standard Consolidated Area.

<sup>3</sup> Includes Scranton and Wilkes-Barre-Hazleton.

NOTE: Because of rounding, sums of individual items may not equal totals.

### Correction

Data on work stoppages in the New York-Northeastern New Jersey Standard Consolidated Area for the years 1974-76 were incorrect as published in table 24 of BLS Bulletins 1902 (data for 1974), 1940 (1975), and 1996 (1976). The correct figures are:

*New York-Northeastern New Jersey Standard Consolidated Area<sup>1</sup>*

*(Workers and days idle in thousands)*

	Number of stoppages	Workers involved	Days idle
1974 .....	358	107.2	1,606.1
1975 .....	324	151.4	1,728.9
1976 .....	353	161.5	2,246.1

<sup>1</sup>The Standard Consolidated Area consists of Nassau/Suffolk Counties, New York City, Westchester County, and Rockland County in New York; Jersey City, Newark, Paterson-Clifton-Passaic, and New Brunswick in New Jersey.

**Table 25. Work stoppages by industry group and duration, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Industry group	Total	1 day	2-3 days	4-6 days	7-14 days	15-29 days	30-59 days	60-89 days	90 days and over
Stoppages ending in year									
All industries.....	2/5,535	730	617	549	975	1,014	865	350	415
Manufacturing.....	2/2,550	67	165	237	459	589	563	225	245
Ordnance and accessories.....	3	-	-	-	-	2	1	-	-
Food and kindred products.....	230	4	10	22	47	47	58	20	22
Tobacco manufactures.....	6	-	-	1	-	3	2	-	-
Textile mill products.....	42	-	3	5	12	10	3	4	5
Apparel, etc. 3/.....	58	2	4	10	10	16	6	4	6
Lumber and wood products, except furniture.....	80	-	4	4	20	20	17	7	8
Furniture and fixtures.....	93	2	3	4	25	30	19	7	3
Paper and allied products.....	77	4	7	6	18	10	23	5	4
Printing, publishing, and allied industries.....	60	1	5	4	9	14	9	9	9
Chemicals and allied products.....	115	-	6	6	19	20	36	12	16
Petroleum refining and related industries.....	23	1	1	2	1	5	9	3	1
Rubber and miscellaneous plastics products.....	93	1	2	6	18	15	27	13	11
Leather and leather products.....	17	-	2	7	2	1	3	1	1
Stone, clay, and glass products.....	137	4	6	12	29	39	28	10	9
Primary metal industries.....	234	4	23	23	28	60	49	22	25
Fabricated metal products 4/.....	354	6	9	30	70	82	94	31	32
Machinery, except electrical.....	461	5	36	49	67	113	92	43	56
Electrical machinery, equipment, and supplies.....	198	23	31	26	29	35	36	7	11
Transportation equipment.....	187	9	9	17	38	43	35	18	18
Instruments, etc. 5/.....	39	1	1	4	7	11	9	4	2
Miscellaneous manufacturing industries.....	50	-	3	2	11	13	10	5	6
Nonmanufacturing.....	2/2,986	663	452	313	516	425	322	125	170
Agriculture, forestry, and fisheries... Mining.....	10 1,000	- 520	1 246	1 88	1 81	4 33	2 18	- 5	1 9
Contract construction.....	488	39	63	68	106	100	76	17	19
Transportation, communication, electric, gas, and sanitary services.....	304	19	23	26	51	57	62	22	44
Wholesale and retail trade.....	488	7	34	35	107	107	87	44	67
Finance, insurance, and real estate.... Services.....	24 259	- 8	3 19	- 28	7 47	3 62	6 45	4 24	1 26
Government 6/.....	413	70	63	67	116	59	26	9	3
Workers involved									
All industries.....	2/1,860.0	173.1	183.9	199.7	307.1	354.1	334.8	123.1	184.3
Manufacturing.....	2/779.4	22.1	61.7	83.9	130.9	143.3	196.8	86.5	54.2
Ordnance and accessories.....	1.8	-	-	-	-	.2	1.7	-	-
Food and kindred products.....	57.8	2.4	1.3	2.3	11.7	18.2	12.0	4.1	5.7
Tobacco manufactures.....	7.4	-	-	.6	-	2.8	4.0	-	-
Textile mill products.....	4.7	-	.5	.4	1.4	1.0	.4	.4	.5
Apparel, etc. 3/.....	9.0	.2	.4	3.0	.6	3.0	.8	.6	.5
Lumber and wood products, except furniture.....	19.0	-	2.0	3.5	2.8	2.7	6.9	.5	.6
Furniture and fixtures.....	10.8	.1	.5	1.1	2.0	2.4	3.4	.9	.3
Paper and allied products.....	22.0	.6	.6	1.1	2.9	1.8	11.1	2.9	1.1
Printing, publishing, and allied industries.....	9.8	(7)	1.0	.9	.8	4.9	.6	.3	1.4
Chemicals and allied products.....	17.6	-	1.5	1.1	2.1	2.5	3.2	2.1	5.0
Petroleum refining and related industries.....	6.3	.5	.8	.2	(7)	.9	2.9	1.1	(7)
Rubber and miscellaneous plastics products.....	16.7	.1	.2	3.1	3.2	2.1	3.9	1.9	2.1
Leather and leather products.....	6.3	-	.4	1.7	.7	.5	.3	.6	2.2
Stone, clay, and glass products.....	47.4	.4	2.4	1.7	3.7	2.8	32.9	1.5	2.1
Primary metal industries.....	83.2	.5	12.3	4.7	9.2	18.3	10.3	24.1	3.7
Fabricated metal products 4/.....	55.5	.5	3.6	4.6	13.2	11.7	13.1	5.1	3.7
Machinery, except electrical.....	145.1	1.3	6.5	23.7	26.1	34.3	30.3	9.7	13.2
Electrical machinery, equipment, and supplies.....	75.6	4.5	12.3	8.3	25.3	8.6	11.1	1.0	4.3
Transportation equipment.....	165.5	10.9	15.0	21.1	22.6	18.7	42.6	28.6	6.0
Instruments, etc. 5/.....	8.6	(7)	(7)	.4	1.2	2.4	3.4	.3	.8
Miscellaneous manufacturing industries.....	9.4	-	.3	.4	1.5	3.6	1.8	.7	1.1
Nonmanufacturing.....	2/1,080.6	150.9	122.2	115.8	176.3	210.8	137.9	36.5	130.0
Agriculture, forestry, and fisheries... Mining.....	1.1 506.6	- 105.5	.1 80.7	(7) 52.6	.1 63.7	.6 39.9	.2 57.8	- 6.8	(7) 99.5
Contract construction.....	220.6	8.2	10.5	26.6	52.6	84.5	24.1	3.4	10.8
Transportation, communication, electric, gas, and sanitary services.....	57.7	2.0	3.7	4.5	6.0	8.3	6.8	16.9	9.3
Wholesale and retail trade.....	81.7	1.0	7.1	9.3	10.3	35.5	6.5	3.6	8.3
Finance, insurance, and real estate.... Services.....	2.2 43.9	- 1.4	.1 6.3	- 4.3	.5 8.8	.4 11.3	1.0 6.1	.1 4.0	(7) 1.7
Government 6/.....	166.8	32.8	13.7	18.5	34.2	30.3	35.3	1.7	.3

See footnotes at end of table.

**Table 25. Work stoppages by industry group and duration, 1977<sup>1</sup>—Continued**

(Workers and days idle in thousands)<sup>2</sup>

Industry group	Total	Days idle								
		1 day	2-3 days	4-6 days	7-14 days	15-29 days	30-59 days	60-89 days	90 days and over	
All industries.....	2/31,904.6	173.1	350.6	705.7	1,956.6	4,863.9	7,698.1	5,146.8	11,009.8	
Manufacturing.....	2/17,701.0	22.1	112.2	322.3	962.1	1,984.5	5,160.9	3,752.1	5,384.9	
Ordnance and accessories.....	46.3	-	-	-	-	2.4	43.9	-	-	
Food and kindred products.....	1,677.0	2.4	2.4	9.3	79.2	260.7	391.6	278.2	653.2	
Tobacco manufactures.....	167.6	-	-	1.8	-	53.0	112.8	-	-	
Textile mill products.....	88.8	-	.7	1.4	10.3	14.2	10.9	19.7	31.6	
Apparel, etc. 3/.....	183.3	.2	.8	11.7	3.7	44.2	21.0	28.8	72.8	
Lumber and wood products, except furniture.....	232.1	-	4.7	12.2	22.7	37.0	85.7	24.1	45.6	
Furniture and fixtures.....	205.7	.1	.9	4.4	14.3	35.8	80.7	43.8	25.7	
Paper and allied products.....	428.0	.6	1.2	3.7	21.1	28.0	144.0	136.0	93.3	
Printing, publishing, and allied industries.....	274.9	(7)	1.3	2.8	5.3	63.8	16.3	16.7	168.6	
Chemicals and allied products.....	831.3	-	3.0	3.6	13.7	33.7	90.5	105.8	581.0	
Petroleum refining and related industries.....	168.3	.5	.8	.4	.1	10.3	92.3	61.0	2.9	
Rubber and miscellaneous plastics products.....	410.9	.1	.4	11.1	23.4	30.2	118.9	84.5	142.3	
Leather and leather products.....	242.1	-	1.0	6.8	5.6	4.6	10.1	26.1	187.8	
Stone, clay, and glass products.....	1,012.4	.4	4.0	5.9	30.2	38.9	707.6	69.9	155.5	
Primary metal industries.....	1,595.7	.5	21.9	16.3	52.7	256.5	268.1	671.4	308.2	
Fabricated metal products 4/.....	1,238.9	.5	7.8	17.8	90.4	170.0	395.6	247.4	309.4	
Machinery, except electrical.....	3,189.9	1.3	13.3	91.5	203.8	443.9	849.5	410.4	1,176.2	
Electrical machinery, equipment, and supplies.....	1,400.4	4.5	25.1	25.0	214.8	113.5	299.4	53.3	664.8	
Transportation equipment.....	3,805.5	10.9	22.1	93.7	151.3	261.9	1,263.2	1,424.5	577.9	
Instruments, etc. 5/.....	208.0	(7)	.1	1.5	9.6	32.6	96.6	13.8	53.8	
Miscellaneous manufacturing industries.....	294.1	-	.7	1.4	9.7	49.2	62.4	36.6	138.2	
Nonmanufacturing.....	2/14,199.0	150.9	238.5	383.3	994.5	2,879.4	2,537.2	1,390.2	5,624.9	
Agriculture, forestry, and fisheries... 6/.....	23.7	-	.2	(7)	1.4	9.7	7.9	-	4.5	
Mining.....	4,350.8	105.5	149.9	147.1	259.7	278.9	423.6	199.2	2,787.0	
Contract construction.....	3,679.4	8.2	22.3	107.7	338.3	1,349.5	652.9	161.0	1,039.5	
Transportation, communication, electric, gas, and sanitary services.....	1,859.5	2.0	8.2	14.8	41.2	132.4	218.1	558.5	884.3	
Wholesale and retail trade.....	1,694.8	1.0	11.6	29.2	71.0	525.1	165.2	178.9	712.8	
Finance, insurance, and real estate....	52.0	-	.4	-	3.7	5.8	28.0	7.7	6.4	
Services.....	833.1	1.4	15.9	15.1	60.2	186.0	179.7	202.7	172.1	
Government 6/.....	1,705.8	32.8	30.1	69.4	219.0	392.1	861.9	82.1	18.3	

<sup>1</sup> Totals in this table differ from those in tables 1 and 2 and 6-24 because these stoppages ended during the year, and thus include idleness occurring in prior years.

<sup>2</sup> The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in two or more groups have been counted in each. Workers involved and days idle have been allocated among the respective groups.

<sup>3</sup> Includes other finished products made from fabrics and similar materials.

<sup>4</sup> Excludes ordnance, machinery, and transportation equipment.

<sup>5</sup> Includes professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.

<sup>6</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>7</sup> Fewer than 50.

**Table 26. Work stoppages by major issue and duration, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Major issue	Total	1 day	2-3 days	4-6 days	7-14 days	15-29 days	30-59 days	60-89 days	90 days and over
<b>Stoppages ending in year</b>									
All issues.....	5,535	730	617	549	975	1,014	685	350	485
General wage changes.....	3,182	62	157	247	658	788	695	266	293
Supplementary benefits.....	80	7	6	12	14	12	12	3	18
Wage adjustments.....	160	41	26	20	23	18	8	-	4
Hours of work.....	14	-	1	1	2	2	3	3	2
Other contractual matters.....	273	13	27	29	55	60	43	19	27
Union organization and security.....	260	16	21	20	41	44	38	21	51
Job security.....	223	34	32	23	31	25	33	24	21
Plant administration.....	1,002	429	246	131	102	37	32	11	18
Other working conditions.....	136	50	35	16	14	8	11	1	1
Interunion or intraunion matters.....	247	76	65	41	38	15	9	1	2
Not reported.....	18	2	1	1	1	5	1	1	6
<b>Workers involved</b>									
All issues.....	1,060.0	173.1	183.9	199.7	307.1	354.1	334.8	123.1	164.3
General wage changes.....	887.0	18.4	26.9	60.8	140.1	263.9	214.0	92.2	60.7
Supplementary benefits.....	22.9	2.3	.7	2.5	2.2	2.1	8.9	1.6	2.5
Wage adjustments.....	67.7	18.6	8.7	4.4	9.4	10.5	1.5	-	18.7
Hours of work.....	2.6	-	.8	1.0	.1	(2)	.4	.1	.2
Other contractual matters.....	70.6	1.4	23.7	8.5	9.6	8.4	11.7	4.0	3.3
Union organization and security.....	43.3	4.1	2.4	11.1	5.6	6.5	3.8	1.8	7.9
Job security.....	99.4	6.0	16.9	6.3	26.5	13.7	9.9	17.3	8.6
Plant administration.....	527.4	89.5	71.3	79.2	77.2	41.3	77.6	4.5	86.9
Other working conditions.....	61.4	8.5	10.4	8.5	20.7	3.1	18.2	(2)	(2)
Interunion or intraunion matters.....	77.2	24.2	20.1	9.5	15.7	4.5	.7	(2)	1.3
Not reported.....	.5	.1	.1	(2)	(2)	.1	(2)	(2)	.1
<b>Days idle</b>									
All issues.....	31,904.6	173.1	350.6	705.7	1,956.6	4,863.9	7,698.1	5,146.8	11,009.8
General wage changes.....	20,639.3	18.4	63.5	262.7	952.6	3,861.1	5,788.8	3,978.9	5,721.2
Supplementary benefits.....	460.8	2.3	1.3	9.9	14.8	30.6	152.5	72.5	176.3
Wage adjustments.....	1,571.8	18.6	17.2	16.9	51.2	168.0	38.2	-	1,298.7
Hours of work.....	39.5	-	2.4	2.9	.5	.3	17.2	5.3	18.4
Other contractual matters.....	1,422.8	1.4	42.6	30.3	58.8	121.2	326.2	227.1	315.1
Union organization and security.....	1,300.5	4.1	5.0	44.1	38.2	89.5	188.0	91.7	919.0
Job security.....	1,709.1	6.0	37.4	17.9	194.4	188.5	169.8	491.5	612.5
Plant administration.....	4,453.0	89.5	130.6	276.8	484.3	360.5	1,020.7	236.5	1,874.0
Other working conditions.....	254.5	8.5	16.6	22.7	98.2	22.4	77.0	1.5	6.4
Interunion or intraunion matters.....	337.8	24.2	33.8	22.3	62.6	27.4	15.5	68.0	92.0
Not reported.....	15.5	.1	.1	(2)	.5	1.9	.3	1.8	10.0

<sup>1</sup> Totals in this table differ from those in tables 1 and 2 and 6-24 because these stoppages ended during the year, and thus include idleness occurring in prior years.

<sup>2</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 27. Work stoppages by contract status and duration, 1977<sup>1</sup>**  
(Workers and days idle in thousands)

Contract status and duration	Stoppages ending in year					
	Stoppages		Workers involved		Days idle	
	Number	Percent	Number	Percent	Number	Percent
<b>all stoppages.....</b>	<b>5,535</b>	<b>100.0</b>	<b>1,860.0</b>	<b>100.0</b>	<b>31,904.6</b>	<b>100.0</b>
1 day.....	730	13.2	173.1	9.3	173.1	.5
2 to 3 days.....	617	11.1	183.9	9.9	350.6	1.1
4 to 6 days.....	549	9.9	199.7	10.7	705.7	2.2
7 to 14 days.....	975	17.6	307.1	16.5	1,956.6	6.1
15 to 29 days.....	1,014	18.3	354.1	19.0	4,863.9	15.2
30 to 59 days.....	885	16.0	334.8	18.0	7,698.1	24.1
60 to 89 days.....	350	6.3	123.1	6.6	5,146.8	16.1
90 days and over.....	415	7.5	184.3	9.9	11,009.8	34.5
<b>Negotiation of first agreement or union recognition.....</b>	<b>451</b>	<b>8.1</b>	<b>54.3</b>	<b>2.9</b>	<b>1,117.7</b>	<b>3.5</b>
1 day.....	16	.3	4.4	.2	4.4	(2)
2 to 3 days.....	30	.5	3.9	.2	5.6	(2)
4 to 6 days.....	39	.7	8.8	.5	32.8	.1
7 to 14 days.....	74	1.3	11.1	.6	72.9	.2
15 to 29 days.....	87	1.6	11.1	.6	145.2	.5
30 to 59 days.....	77	1.4	5.9	.3	159.4	.5
60 to 89 days.....	51	.9	3.4	.2	170.1	.5
90 days and over.....	77	1.4	5.6	.3	519.4	1.6
<b>Renegotiation of agreement (expiration or reopening).....</b>	<b>3,296</b>	<b>59.5</b>	<b>1,099.6</b>	<b>59.1</b>	<b>26,643.6</b>	<b>83.5</b>
1 day.....	79	1.4	23.8	1.3	23.8	.1
2 to 3 days.....	167	3.0	42.8	2.3	91.1	.3
4 to 6 days.....	265	4.8	83.0	4.5	320.9	1.0
7 to 14 days.....	671	12.1	189.3	10.2	1,355.3	4.2
15 to 29 days.....	804	14.5	294.4	15.8	4,322.1	13.5
30 to 59 days.....	735	13.3	258.8	13.9	6,927.0	21.7
60 to 89 days.....	273	4.9	114.6	6.2	4,740.6	14.9
90 days and over.....	302	5.5	92.9	5.0	8,862.9	27.8
<b>During term of agreement (negotiation of new agreements not involved).....</b>	<b>1,463</b>	<b>26.4</b>	<b>660.8</b>	<b>35.5</b>	<b>3,399.7</b>	<b>10.7</b>
1 day.....	604	10.9	139.1	7.5	139.1	.4
2 to 3 days.....	389	7.0	128.1	6.9	235.5	.7
4 to 6 days.....	216	3.9	103.9	5.6	338.3	1.1
7 to 14 days.....	164	3.0	99.1	5.3	480.3	1.5
15 to 29 days.....	51	.9	40.6	2.2	292.3	.9
30 to 59 days.....	25	.5	64.8	3.5	479.4	1.5
60 to 89 days.....	5	.1	1.7	.1	70.1	.2
90 days and over.....	9	.2	83.5	4.5	1,364.7	4.3
<b>No contract or other contract status.....</b>	<b>126</b>	<b>2.3</b>	<b>24.2</b>	<b>1.3</b>	<b>200.5</b>	<b>.6</b>
1 day.....	16	.3	3.1	.2	3.1	(2)
2 to 3 days.....	23	.4	8.1	.4	12.6	(2)
4 to 6 days.....	18	.3	2.6	.1	8.5	(2)
7 to 14 days.....	33	.6	4.8	.3	27.6	.1
15 to 29 days.....	15	.3	2.7	.1	29.0	.1
30 to 59 days.....	10	.2	.8	(2)	14.6	(2)
60 to 89 days.....	9	.2	1.8	.1	91.4	.3
90 days and over.....	2	(2)	.2	(2)	13.7	(2)
<b>No information on contract status.....</b>	<b>199</b>	<b>3.6</b>	<b>21.1</b>	<b>1.1</b>	<b>543.0</b>	<b>1.7</b>
1 day.....	15	.3	2.7	.1	2.7	(2)
2 to 3 days.....	8	.1	.9	(2)	1.8	(2)
4 to 6 days.....	11	.2	1.4	.1	5.1	(2)
7 to 14 days.....	33	.6	2.8	.1	20.6	.1
15 to 29 days.....	57	1.0	5.2	.3	71.2	.2
30 to 59 days.....	38	.7	4.4	.2	117.7	.4
60 to 89 days.....	12	.2	1.6	.1	74.8	.2
90 days and over.....	25	.5	2.1	.1	249.1	.8

<sup>1</sup> Totals in this table differ from those in tables 1 and 2 and 6-24 because these stoppages ended during the year, and thus include idleness occurring in prior years.

<sup>2</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal totals.

**Table 28. Work stoppages by contract status and mediation, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Contract status and mediation agency	Stoppages ending in year					
	Stoppages		Workers involved		Days idle	
	Number	Percent	Number	Percent	Number	Percent
All stoppages.....	5,535	100.0	1,860.0	100.0	31,904.6	100.0
Government mediation <sup>2</sup> /.....	2,605	46.8	869.0	46.8	22,176.3	46.8
Federal mediation.....	2,077	37.9	689.2	37.9	18,827.7	37.9
State mediation.....	315	5.2	112.0	5.2	2,052.4	5.2
Federal and state mediation combined.....	112	2.0	46.0	2.0	1,103.8	2.0
Other mediation.....	101	1.6	21.9	1.6	192.3	1.6
Private mediation.....	118	1.9	15.7	1.9	191.0	1.9
No mediation reported.....	2,566	47.3	913.7	47.3	7,680.8	47.3
No information.....	246	4.0	61.6	4.0	1,856.5	4.0
Negotiation of first agreement.....	451	7.3	54.3	7.3	1,117.7	7.3
Government mediation <sup>2</sup> /.....	226	3.7	31.9	3.7	715.5	3.7
Federal mediation.....	181	3.0	20.4	3.0	617.7	3.0
State mediation.....	27	.4	9.3	.4	67.2	.4
Federal and state mediation combined.....	5	.1	.6	.1	24.5	.1
Other mediation.....	13	.2	1.6	.2	6.0	.2
Private mediation.....	23	.4	1.1	.4	14.0	.4
No mediation reported.....	189	3.0	20.6	3.0	346.2	3.0
No information.....	13	.2	.6	.2	42.0	.2
Renegotiation of agreement (expiration or reopening).....	3,296	59.0	1,099.6	59.0	26,643.6	59.0
Government mediation <sup>2</sup> /.....	2,193	40.0	794.7	40.0	20,969.5	40.0
Federal mediation.....	1,771	32.9	637.8	32.9	17,808.8	32.9
State mediation.....	250	4.2	96.7	4.2	1,910.3	4.2
Federal and state mediation combined.....	104	1.9	44.8	1.9	1,078.5	1.9
Other mediation.....	68	1.1	15.4	1.1	172.0	1.1
Private mediation.....	66	1.1	10.0	1.1	159.6	1.1
No mediation reported.....	880	15.3	286.0	15.3	3,998.4	15.3
No information.....	157	2.6	49.0	2.6	1,516.2	2.6
During term of agreement (negotiation of new agreement not involved).....	1,463	26.6	660.8	26.6	3,399.7	26.6
Government mediation <sup>2</sup> /.....	61	1.1	26.1	1.1	189.1	1.1
Federal mediation.....	40	.8	21.5	.8	164.1	.8
State mediation.....	9	.1	1.5	.1	14.0	.1
Federal and state mediation combined.....	1	(3)	.5	(3)	.5	(3)
Other mediation.....	11	.2	2.6	.2	10.6	.2
Private mediation.....	23	.4	4.5	.4	16.3	.4
No mediation reported.....	1,372	27.0	628.2	27.0	3,183.2	27.0
No information.....	7	.1	2.0	.1	11.1	.1
No contract or other contract status.....	126	2.0	24.2	2.0	200.5	2.0
Government mediation <sup>2</sup> /.....	31	.5	7.5	.5	98.4	.5
Federal mediation.....	15	.2	2.6	.2	87.8	.2
State mediation.....	7	.1	2.6	.1	6.8	.1
Federal and state mediation combined.....	-	-	-	-	-	-
Other mediation.....	9	.2	2.2	.2	3.7	.2
Private mediation.....	6	.1	.2	.1	1.1	.1
No mediation reported.....	88	1.4	16.4	1.4	91.6	1.4
No information.....	1	(3)	.1	(3)	9.4	(3)
No information on contract status.....	199	3.1	21.1	3.1	543.0	3.1
Government mediation <sup>2</sup> /.....	94	1.5	8.8	1.5	203.8	1.5
Federal mediation.....	70	1.1	6.9	1.1	149.4	1.1
State mediation.....	22	.3	1.9	.3	54.2	.3
Federal and state mediation combined.....	2	(3)	(3)	(3)	.3	(3)
Other mediation.....	-	-	-	-	-	-
Private mediation.....	-	-	-	-	-	-
No mediation reported.....	37	.6	2.5	.6	61.4	.6
No information.....	68	1.1	9.8	1.1	277.8	1.1

<sup>1</sup> Totals in this table differ from those in tables 1 and 2 and 6-24 because these stoppages ended during the year, and thus include idleness occurring in prior years.  
<sup>2</sup> Includes stoppages involving workers in which private mediation was also employed.

<sup>3</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 28. Work stoppages by contract status and type of settlement, 1977<sup>1</sup>**  
 (Workers and days idle in thousands)

Contract status and type of settlement	Stoppages ending in year					
	Stoppages		Workers involved		Days idle	
	Number	Percent	Number	Percent	Number	Percent
All stoppages.....	5,535	100.0	1,860.0	100.0	31,904.6	100.0
Formal settlement reached, all issues resolved, procedures for handling unresolved issues.....	4,180	74.7	1,393.4	74.7	26,922.7	74.7
No formal settlement, short protest or sympathy strike.....	803	14.3	240.1	14.3	743.6	14.3
Strike broken.....	143	4.3	140.5	4.3	2,032.6	4.3
Work resumed under court injunction.....	54	1.1	30.9	1.1	105.1	1.1
Employer out of business.....	29	.5	17.6	.5	483.2	.5
No information.....	326	5.2	37.5	5.2	1,657.4	5.2
Negotiation of first agreement or union recognition.....	451	7.3	54.3	7.3	1,117.7	7.3
Formal settlement reached, all issues resolved, procedures for handling unresolved issues.....	380	6.1	47.9	6.1	856.7	6.1
No formal settlement, short protest or sympathy strike.....	1	(2)	.2	(2)	.2	(2)
Strike broken.....	38	.6	3.2	.6	117.4	.6
Work resumed under court injunction.....	6	.1	.3	.1	2.9	.1
Employer out of business.....	3	(2)	.1	(2)	3.7	(2)
No information.....	23	.4	2.7	.4	136.9	.4
Renegotiation of agreement (expiration or reopining).....	3,296	59.0	1,099.6	59.0	26,643.6	59.0
Formal settlement reached, all issues resolved, procedures for handling unresolved issues.....	3,041	54.7	1,048.5	54.7	24,685.4	54.7
No formal settlement, short protest or sympathy strike.....	4	.1	1.9	.1	4.9	.1
Strike broken.....	73	1.3	12.3	1.3	458.3	1.3
Work resumed under court injunction.....	7	.1	1.8	.1	15.4	.1
Employer out of business.....	17	.3	17.2	.3	424.0	.3
No information.....	154	2.4	17.9	2.4	1,055.7	2.4
During term of agreement (negotiation of new agreement not involved).....	1,463	28.6	660.8	28.6	3,399.7	28.6
Formal settlement reached, all issues resolved, procedures for handling unresolved issues.....	610	11.4	269.8	11.4	1,143.8	11.4
No formal settlement, short protest or sympathy strike.....	793	14.1	237.9	14.1	737.9	14.1
Strike broken.....	19	2.2	123.8	2.2	1,426.7	2.2
Work resumed under court injunction.....	38	.8	28.7	.8	85.2	.8
Employer out of business.....	1	(2)	.1	(2)	.3	(2)
No information.....	2	(2)	.6	(2)	5.9	(2)
No contract or other contract status.....	126	2.0	24.2	2.0	200.5	2.0
Formal settlement reached, all issues resolved, procedures for handling unresolved issues.....	111	1.8	23.2	1.8	186.2	1.8
No formal settlement, short protest or sympathy strike.....	5	.1	.2	.1	.6	.1
Strike broken.....	4	.1	.7	.1	5.5	.1
Work resumed under court injunction.....	2	(2)	.1	(2)	1.6	(2)
Employer out of business.....	2	(2)	.1	(2)	4.3	(2)
No information.....	2	(2)	.1	(2)	2.3	(2)
No information on contract status.....	199	3.1	21.1	3.1	543.0	3.1
Formal settlement reached, all issues resolved, procedures for handling unresolved issues.....	38	.6	4.1	.6	50.6	.6
No formal settlement, short protest or sympathy strike.....	-	-	-	-	-	-
Strike broken.....	9	.1	.5	.1	24.8	.1
Work resumed under court injunction.....	1	(2)	(3)	(2)	(3)	(2)
Employer out of business.....	6	.1	.3	.1	11.0	.1
No information.....	145	2.3	16.2	2.3	456.5	2.3

<sup>1</sup> Totals in this table differ from those in table 1 and 2 and 6-24 because these stoppages ended during the year, and these include illnesses occurring in prior years.  
 \* Less than 0.05 percent.  
 † Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.



**Table 30. Work stoppages by major issue and type of settlement, 1977<sup>1</sup>**

Major issue	Total	Formal settlement reached		No formal settlement reached		Work resumed under court injunction	Employer out of business	No information
		All issues resolved	Procedure for handling unresolved issues	Short protest or sympathy strike	Strike broken			
<b>Stoppages ending in year</b>								
All issues.....	5,535	3,676	504	803	143	54	29	326
General wage changes.....	3,142	2,720	183	1	68	11	17	142
Supplementary benefits.....	80	65	7	-	2	-	2	4
Wage adjustments.....	140	75	15	42	2	3	2	1
Hours of work.....	14	9	4	-	1	-	-	-
Other contractual matters.....	273	119	15	2	11	-	3	123
Union organization and security.....	260	163	26	5	30	5	3	28
Job security.....	223	142	22	39	10	1	1	8
Plant administration.....	1,002	293	102	552	15	27	1	12
Other working conditions.....	136	56	14	61	1	2	-	2
Interunion or intraunion matters.....	247	26	115	101	-	4	-	1
Not reported.....	18	8	1	-	3	1	-	5
<b>Workers involved</b>								
All issues.....	1,860.0	1,239.8	153.6	240.1	140.5	30.9	17.6	37.5
General wage changes.....	887.0	795.7	42.4	-1	12.7	2.4	17.1	16.6
Supplementary benefits.....	22.9	21.1	1.5	-	-1	-	(2)	.2
Wage adjustments.....	67.7	48.1	2.8	12.4	3.8	.5	(2)	-1
Hours of work.....	2.6	1.5	1.0	-	(2)	-	-	-
Other contractual matters.....	70.6	50.8	3.0	-	.9	-	-	14.9
Union organization and security.....	43.3	29.4	8.1	1.4	2.1	.5	.1	1.7
Job security.....	99.4	69.0	19.8	8.3	-7	.8	(2)	.7
Plant administration.....	527.4	185.8	52.0	143.2	120.1	23.9	.1	2.2
Other working conditions.....	61.4	19.1	10.4	30.9	(2)	.4	-	.6
Interunion or intraunion matters.....	77.2	19.0	12.6	43.1	-	2.3	-	.2
Not reported.....	.5	.3	(2)	-	.1	(2)	-	.2
<b>Days idle</b>								
All issues.....	31,904.6	25,221.2	1,701.5	783.6	2,032.6	105.1	443.2	1,657.4
General wage changes.....	20,639.3	18,094.5	944.1	.1	386.5	19.2	410.5	780.4
Supplementary benefits.....	460.8	384.6	56.3	-	10.3	-	1.1	8.5
Wage adjustments.....	1,571.8	1,518.0	10.8	22.4	14.5	.9	5.2	-1
Hours of work.....	39.5	32.8	6.2	-	.4	-	-	-
Other contractual matters.....	1,122.8	636.4	46.9	5.1	34.6	-	7.7	392.1
Union organization and security.....	1,300.5	967.2	50.2	1.7	100.8	2.8	3.9	174.0
Job security.....	1,709.1	1,447.6	153.7	17.0	64.4	1.6	3.9	20.8
Plant administration.....	4,453.0	1,942.0	330.4	415.6	1,419.2	73.9	6.9	264.9
Other working conditions.....	254.5	99.9	53.7	85.9	1.0	.8	-	13.0
Interunion or intraunion matters.....	337.8	87.5	49.1	195.9	-	4.1	-	1.1
Not reported.....	15.5	10.5	(2)	-	.9	1.7	-	2.3

<sup>1</sup> Totals in this table differ from those in tables 1 and 2 and 6-24 because these stoppages ended during the year, and thus include idleness occurring in prior years.

<sup>2</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 31. Work stoppages by industry group and type of settlement, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Industry group	Total	Formal settlement reached		No formal settlement reached		Work resumed under court injunction	Employer out of business	No information
		All issues resolved	Procedure for handling unresolved issues	Short protest or sympathy strike	Strike broken			
<b>Stoppages ending in year</b>								
All industries.....	2/5,535	3,676	504	803	143	54	29	326
Manufacturing.....	2/2,550	2,133	135	21	64	5	12	180
Ordnance and accessories.....	3	2	1	-	-	-	-	-
Food and kindred products.....	230	193	14	-	6	-	3	14
Tobacco manufactures.....	6	6	-	-	-	-	-	-
Textile mill products.....	42	34	-	-	1	1	1	5
Apparel, etc. 3/.....	58	38	4	1	4	-	1	10
Lumber and wood products, except furniture.....	80	63	3	-	1	-	-	13
Furniture and fixtures.....	93	81	4	-	-	-	-	8
Paper and allied products.....	77	67	1	1	-	-	1	7
Printing, publishing, and allied industries.....	60	37	8	1	8	-	1	5
Chemicals and allied products.....	115	106	5	-	-	1	-	3
Petroleum refining and related industries.....	23	21	2	-	-	-	-	-
Rubber and miscellaneous plastics products.....	93	75	7	-	3	-	1	7
Leather and leather products.....	17	16	-	-	1	-	-	-
Stone, clay, and glass products.....	137	121	7	-	1	-	-	8
Primary metal industries.....	234	198	12	-	4	1	-	19
Fabricated metal products 4/.....	354	309	12	1	8	-	1	23
Machinery, except electrical.....	461	375	24	12	17	-	1	32
Electrical machinery, equipment, and supplies.....	198	164	17	5	3	1	1	7
Transportation equipment.....	167	160	13	-	3	1	1	9
Instruments, etc. 5/.....	39	36	-	-	-	-	-	3
Miscellaneous manufacturing industries.....	50	37	2	-	4	-	-	7
Nonmanufacturing.....	2/2,986	1,544	369	782	79	49	17	146
Agriculture, forestry, and fisheries.....	10	7	-	-	-	-	-	3
Mining.....	1,000	111	88	769	2	28	-	2
Contract construction.....	488	301	130	9	18	9	2	19
Transportation, communication, electric, gas, and sanitary services..	304	240	13	1	12	3	5	30
Wholesale and retail trade.....	488	376	29	1	14	2	6	60
Finance, insurance, and real estate.....	24	20	1	-	1	1	-	1
Services.....	259	195	25	-	15	-	4	20
Government 6/.....	413	294	83	2	17	6	-	11
<b>Workers involved</b>								
All industries.....	2/1,860.0	1,239.8	153.6	240.1	140.5	30.9	17.6	37.5
Manufacturing.....	2/779.4	673.8	61.4	4.0	11.2	1.3	1.5	26.2
Ordnance and accessories.....	1.8	1.7	.1	-	-	-	-	-
Food and kindred products.....	57.8	51.9	2.8	-	1.3	-	.3	1.5
Tobacco manufactures.....	7.4	7.4	-	-	-	-	-	-
Textile mill products.....	4.7	3.9	-	-	.1	(7)	(7)	.6
Apparel, etc. 3/.....	9.0	7.2	.3	.3	.2	-	(7)	1.0
Lumber and wood products, except furniture.....	19.0	17.3	.2	-	(7)	-	-	1.5
Furniture and fixtures.....	10.8	9.8	.3	-	-	-	-	.6
Paper and allied products.....	22.0	20.6	.1	(7)	-	-	(7)	1.3
Printing, publishing, and allied industries.....	9.8	8.0	.5	.7	.3	-	(7)	.3
Chemicals and allied products.....	17.6	15.8	.3	-	-	.1	-	1.3
Petroleum refining and related industries.....	6.3	6.0	.3	-	-	-	-	-
Rubber and miscellaneous plastics products.....	16.7	14.7	.6	-	.1	-	(7)	1.3
Leather and leather products.....	6.3	6.2	-	-	.1	-	-	-
Stone, clay, and glass products.....	47.4	46.8	.3	-	(7)	-	-	.3
Primary metal industries.....	83.2	77.6	2.2	-	.2	.7	-	2.4
Fabricated metal products 4/.....	55.5	51.7	1.1	(7)	.5	-	.1	2.0
Machinery, except electrical.....	145.1	118.4	15.2	.9	7.6	-	.1	2.9
Electrical machinery, equipment, and supplies.....	75.6	41.3	27.1	2.1	.2	.3	.4	4.1
Transportation equipment.....	165.5	152.8	9.2	-	.2	.2	.4	2.7
Instruments, etc. 5/.....	8.6	7.1	-	-	-	-	-	1.5
Miscellaneous manufacturing industries..	9.4	7.6	.7	-	.4	-	-	.8
Nonmanufacturing.....	2/1,080.6	565.9	92.2	236.1	129.3	29.6	16.1	11.3
Agriculture, forestry, and fisheries....	1.1	.8	-	-	-	-	-	.3
Mining.....	506.6	102.1	30.6	234.7	112.6	26.3	-	.3
Contract construction.....	220.6	196.5	17.5	.4	3.3	1.6	.1	1.2
Transportation, communication, electric, gas, and sanitary services..	57.7	50.5	3.9	(7)	.6	.2	.2	2.4
Wholesale and retail trade.....	81.7	55.7	4.3	(7)	2.1	.1	15.5	3.9
Finance, insurance, and real estate.....	2.2	1.8	(7)	-	(7)	.3	-	.1
Services.....	43.9	36.2	5.5	-	.6	-	-	1.2
Government 6/.....	166.8	122.2	30.3	1.0	10.1	1.2	-	1.9

See footnotes at end of table.

**Table 31. Work stoppages by industry group and type of settlement, 1977<sup>1</sup>—Continued**  
(Workers and days idle in thousands)

Industry group	Total	Formal settlement reached		No formal settlement reached		Work resumed under court injunction	Employer out of business	No information
		All issues resolved	Procedure for handling unresolved issues	Short protest or sympathy strike	Strike broken			
Days idle								
All industries.....	2/31,904.6	25,221.2	1,701.5	743.6	2,032.6	105.1	443.2	1,657.4
Manufacturing.....	2/17,701.0	14,764.4	1,118.3	9.0	257.6	10.7	197.0	1,344.0
Ordnance and accessories.....	46.3	44.0	2.3	-	-	-	-	-
Food and kindred products.....	1,677.0	1,531.7	57.8	-	31.0	-	7.8	48.6
Tobacco manufactures.....	167.6	167.6	-	-	-	-	-	-
Textile mill products.....	88.8	69.3	-	-	8.9	.1	3.5	6.9
Apparel, etc. 3/.....	183.3	106.1	14.9	.5	5.1	-	4.2	52.4
Lumber and wood products, except furniture.....	232.1	181.6	8.7	-	5.3	-	-	36.5
Furniture and fixtures.....	205.7	186.1	3.7	-	-	-	-	15.9
Paper and allied products.....	428.0	400.1	2.8	(7)	-	-	(7)	25.0
Printing, publishing, and allied industries.....	274.9	210.4	3.5	.7	23.1	-	.9	36.2
Chemicals and allied products.....	831.3	566.5	12.9	-	-	.7	-	251.2
Petroleum refining and related industries.....	168.3	151.1	17.1	-	-	-	-	-
Rubber and miscellaneous plastics products.....	410.9	338.4	17.2	-	8.6	-	3.9	42.8
Leather and leather products.....	242.1	241.6	-	-	.4	-	-	-
Stone, clay, and glass products.....	1,012.4	1,000.4	6.1	-	.1	-	-	5.9
Primary metal industries.....	1,595.7	1,411.5	47.3	-	11.8	8.8	-	116.3
Fabricated metal products 4/.....	1,238.9	1,063.5	37.1	(7)	30.0	-	3.5	104.6
Machinery, except electrical.....	3,189.9	2,733.4	282.7	1.7	71.6	-	6.7	93.8
Electrical machinery, equipment, and supplies.....	1,400.4	604.0	407.6	6.0	1.3	.3	152.0	229.2
Transportation equipment.....	3,805.5	3,396.1	177.7	-	21.4	.8	14.3	195.3
Instruments, etc. 5/.....	208.0	153.4	-	-	-	-	-	54.6
Miscellaneous manufacturing industries..	294.1	207.5	18.9	-	38.9	-	-	28.8
Nonmanufacturing.....	2/14,199.0	10,452.2	583.2	734.6	1,775.0	94.4	246.2	313.4
Agriculture, forestry, and fisheries....	23.7	20.5	-	-	-	-	-	3.2
Mining.....	4,350.8	2,077.5	82.3	732.3	1,374.3	77.8	-	6.6
Contract construction.....	3,679.4	3,411.0	158.9	1.2	48.4	4.1	3.9	51.9
Transportation, communication, electric, gas, and sanitary services..	1,859.5	1,670.5	44.4	(7)	74.4	3.6	1.5	65.1
Wholesale and retail trade.....	1,694.8	1,069.1	90.2	.1	161.6	1.7	227.1	144.9
Finance, insurance, and real estate.....	52.0	44.6	.8	-	1.0	2.1	-	3.4
Services.....	833.1	710.3	42.8	-	45.9	-	13.7	20.4
Government 6/.....	1,705.8	1,448.8	163.7	1.0	69.4	5.0	-	17.9

<sup>1</sup> Totals in this table differ from those in tables 1 and 2 and 6-24 because these stoppages ended during the year, and thus include idleness occurring in prior years.

<sup>2</sup> The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in two or more groups have been counted in each. Workers involved and days idle have been allocated among the respective groups.

<sup>3</sup> Includes other finished products made from fabrics and similar materials.

<sup>4</sup> Excludes ordnance, machinery, and transportation equipment.

<sup>5</sup> Includes professional, scientific, and controlling instruments; photographic and optical

goods; watches and clocks.

<sup>6</sup> The situations reported here have, for statistical purposes, been deemed to fall within the Bureau's definition of a work stoppage. This decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>7</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

**Table 32. Work stoppages by contract status and procedure for handling unsettled issues, 1977<sup>1</sup>**

(Workers and days idle in thousands)

Contract status and procedure for handling unsettled issues	Stoppages ending in year					
	Stoppages		Workers involved		Days idle	
	Number	Percent	Number	Percent	Number	Percent
All stoppages 2/.....	356	100.0	103.2	100.0	885.3	100.0
Arbitration.....	48	13.5	23.7	23.0	178.5	20.2
Direct negotiations.....	96	27.0	36.4	35.2	227.9	25.7
Referral to a government agency.....	79	22.2	15.0	14.5	266.0	30.1
Mediation.....	20	5.6	6.2	6.0	100.3	11.3
Fact finding.....	11	3.1	7.2	6.9	49.8	5.6
Other procedures.....	99	27.8	14.5	14.1	58.0	6.6
Combinations of the above procedures.....	3	.8	.2	.2	4.8	.5
Negotiation of first agreement or union recognition.....	29	8.1	7.5	7.3	65.9	7.4
Arbitration.....	2	.6	(3)	(3)	3.7	.4
Direct negotiations.....	16	4.5	6.5	6.3	34.1	3.9
Referral to a government agency.....	8	2.2	.5	.5	27.2	3.1
Mediation.....	2	.6	.2	.2	.6	.1
Fact finding.....	1	.3	.3	.2	.3	(3)
Other procedures.....	-	-	-	-	-	-
Combinations of the above procedures..	-	-	-	-	-	-
Renegotiation of agreement (expiration or reopening).....	116	32.6	43.8	42.5	625.4	70.7
Arbitration.....	18	5.1	6.0	5.8	115.5	13.0
Direct negotiations.....	53	14.9	16.3	15.7	138.0	15.6
Referral to a government agency.....	12	3.4	8.6	8.3	204.5	23.1
Mediation.....	14	3.9	4.7	4.6	95.5	10.8
Fact finding.....	9	2.5	6.9	6.7	49.1	5.5
Other procedures.....	8	2.2	1.2	1.2	18.2	2.1
Combinations of the above procedures..	2	.6	.2	.2	4.7	.5
During term of agreement (negotiation of new agreement not involved).....	197	55.3	50.5	48.9	186.7	21.1
Arbitration.....	26	7.3	17.2	16.7	55.9	6.3
Direct negotiations.....	25	7.0	13.2	12.8	55.0	6.2
Referral to a government agency.....	53	14.9	5.8	5.6	31.9	3.6
Mediation.....	4	1.1	1.3	1.3	4.2	.5
Fact finding.....	1	.3	(3)	(3)	.5	.1
Other procedures.....	87	24.4	12.9	12.5	39.2	4.4
Combinations of the above procedures..	1	.3	.1	.1	.1	(3)
No contract or other contract status....	10	2.8	.9	.9	5.5	.6
Arbitration.....	1	.3	.4	.4	2.6	.3
Direct negotiations.....	-	-	-	-	-	-
Referral to a government agency.....	5	1.4	.1	.1	2.2	.3
Mediation.....	-	-	-	-	-	-
Fact finding.....	-	-	-	-	-	-
Other procedures.....	4	1.1	.4	.4	.6	.1
Combinations of the above procedures..	-	-	-	-	-	-
No information on contract status.....	4	1.1	.5	.5	1.8	.2
Arbitration.....	1	.3	.1	.1	.7	.1
Direct negotiations.....	2	.6	.4	.4	.8	.1
Referral to a government agency.....	1	.3	(3)	(3)	.2	(3)
Mediation.....	-	-	-	-	-	-
Fact finding.....	-	-	-	-	-	-
Other procedures.....	-	-	-	-	-	-
Combinations of the above procedures..	-	-	-	-	-	-

<sup>1</sup> Totals in this table differ from those in tables 1 and 2 and 6-24 because these stoppages ended during the year, and thus include idleness occurring in prior years.

<sup>2</sup> Excludes stoppages on which there was no information on unsettled issues or no agreement on a procedure for handling these issues.

<sup>3</sup> Fewer than 50.

NOTE: Because of rounding, sums of individual items may not equal totals. Dashes (-) denote zeros.

# Appendix A.

## Work stoppages by industry group, 1950-77

(Workers and days idle in thousands)

Year	Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)	
	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time
	Manufacturing				Ordnance and accessories				Food and kindred products			
1950	2,705	1,450	22,900	.66	2	.5	6.2	.11	185	57.0	691.0	.19
1951	2,548	1,370	17,500	.43	6	2.0	15.5	.13	197	77.5	819.0	.21
1952	2,665	1,880	42,300	1.03	30	18.3	245.0	1.23	206	127.0	1,250.0	.32
1953	2,612	1,320	15,600	.36	23	21.4	164.0	.32	213	98.4	1,210.0	.30
1954	1,703	772	13,700	.33	11	4.3	57.8	.13	157	73.8	694.0	.18
1955	2,406	2,000	18,800	.45	13	10.8	140.0	.42	169	40.4	974.0	.25
1956	1,986	1,360	27,100	.63	15	11.2	90.7	.27	160	71.3	513.0	.13
1957	1,965	778	9,390	.22	11	7.7	121.0	.38	155	47.9	574.0	.15
1958	1,955	1,490	15,400	.39	12	12.8	94.7	.29	176	60.6	661.0	.18
1959	2,043	1,280	55,500	1.34	13	8.3	125.0	.34	169	80.0	1,720.0	.45
1960	1,598	707	11,200	.27	3	9.5	136.0	.36	184	65.7	651.0	.17
1961	1,677	897	9,780	.24	6	6.2	51.4	.10	177	80.0	589.0	.13
1962	1,789	638	10,100	.24	7	29.9	202.0	.37	206	54.5	614.0	.16
1963	1,685	555	10,400	.24	9	8.7	25.4	.04	158	53.1	444.0	.10
1964	1,794	994	15,700	.35	8	6.8	154.0	.23	186	54.9	866.0	.19
1965	2,080	913	14,300	.31	12	10.3	121.0	.20	227	57.3	928.0	.21
1966	2,296	922	13,700	.28	13	8.7	62.5	.10	187	46.6	528.0	.12
1967	2,328	1,350	27,800	.57	15	18.8	224.0	.30	187	63.7	770.0	.17
1968	2,664	1,180	24,000	.47	20	31.3	334.0	.38	209	68.1	1,170.0	.26
1969	2,822	1,308	24,107	.47	18	19.3	480.9	.57	222	74.0	1,516.7	.33
1970	2,481	1,128	38,006	.77	8	7.4	103.6	.16	212	50.8	985.5	.22
1971	2,391	863	18,485	.39	5	2.7	41.6	.08	215	85.4	868.0	.19
1972	2,056	646	12,283	.26	6	8.3	266.8	.56	190	75.0	1,282.9	.29
1973	2,282	963	14,319	.29	5	4.4	222.2	.46	186	69.5	1,007.9	.23
1974	2,823	1,145	23,599	.47	6	2.4	153.2	.33	265	68.2	1,539.1	.35
1975	1,897	464	14,876	.32	9	6.9	193.7	.45	166	29.1	838.4	.20
1976	2,245	975	24,263	.51	1	.8	42.1	.11	277	90.4	1,848.0	.43
1977	2,537	788	18,331	.37	3	1.8	46.3	.12	221	54.0	1,501.4	.35
	Tobacco manufactures				Textile mill products				Apparel and other finished products			
1950	5	2.9	33.0	.16	147	48.4	686.0	.23	187	17.9	228.0	.08
1951	5	1.6	14.1	.06	121	153.0	3,490.0	1.07	210	54.0	354.0	.12
1952	5	1.3	53.2	.23	95	36.5	1,070.0	.34	201	17.6	213.0	.07
1953	4	.5	20.8	.08	88	26.6	593.0	.19	193	35.6	296.0	.08
1954	2	.1	.1	(1)	65	28.4	573.0	.21	135	12.2	145.0	.05
1955	3	.3	1.2	(1)	96	47.8	1,400.0	.51	139	15.0	136.0	.04
1956	4	.8	20.6	.08	70	18.2	426.0	.16	129	13.8	173.0	.06
1957	1	.2	.4	(1)	47	14.0	212.0	.08	128	16.4	215.0	.07
1958	4	.3	2.2	(1)	51	6.4	111.0	.05	126	152.0	1,100.0	.37
1959	1	.9	6.3	.02	70	23.5	229.0	.09	122	19.1	253.0	.08
1960	-	2.2	11.3	.05	30	4.8	34.0	.01	87	12.1	134.0	.04
1961	-	-	-	-	35	6.0	39.1	.02	112	15.1	146.0	.05
1962	3	1.0	20.6	.09	50	7.0	99.9	.04	95	23.6	130.0	.04
1963	2	1.6	8.6	.04	36	13.0	193.0	.09	109	22.3	210.0	.06
1964	1	.6	1.7	.01	37	8.4	124.0	.05	106	24.7	225.0	.07
1965	-	-	-	-	44	21.3	174.0	.07	100	9.8	199.0	.06
1966	-	-	-	-	56	25.7	195.0	.08	100	11.8	263.0	.07
1967	5	6.6	84.6	.39	54	15.9	328.0	.14	96	21.2	238.0	.07
1968	3	9.1	170.0	.77	48	14.4	404.0	.16	82	13.1	205.0	.06
1969	2	4.1	8.5	.04	41	17.5	138.5	.06	102	19.1	165.0	.05
1970	3	3.7	15.5	.08	43	8.2	151.2	.06	80	8.7	162.6	.05
1971	5	9.2	347.6	1.85	36	5.0	70.3	.03	75	19.3	197.4	.06
1972	2	.1	1.8	.01	47	13.8	107.0	.04	70	12.0	694.0	.21
1973	-	-	-	-	46	9.4	268.0	.10	45	11.2	999.4	.30
1974	3	6.0	68.2	.35	45	22.7	756.4	.30	66	100.8	893.2	.26
1975	-	-	-	-	21	2.2	27.3	.01	55	10.0	109.5	.04
1976	1	.1	3.2	.02	36	7.9	115.0	.05	47	11.6	230.5	.07
1977	6	7.4	167.6	.95	40	4.3	86.4	.03	65	10.3	182.7	.06

See footnotes at end of table.

# Work stoppages by industry group, 1950-77—Continued

(Workers and days idle in thousands)

Year	Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)	
	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time
	Lumber and wood products				Furniture and fixtures				Paper and allied products			
1950	119	23.6	700.0	.38	106	15.8	315.0	.38	76	18.9	360.0	.33
1951	118	22.8	251.0	.12	99	22.7	309.0	.35	54	20.6	494.0	.39
1952	131	64.5	1,240.0	.65	108	23.0	386.0	.43	73	22.0	815.0	.65
1953	125	19.8	512.0	.26	134	25.1	269.0	.28	45	15.4	222.0	.16
1954	70	87.3	4,200.0	2.25	70	10.9	139.0	.16	37	10.0	77.0	.06
1955	81	11.8	277.0	.12	121	26.0	287.0	.31	67	13.6	197.0	.14
1956	47	4.9	82.4	.04	96	21.0	245.0	.26	51	15.2	233.0	.16
1957	66	12.2	290.0	.17	79	18.1	175.0	.18	55	15.3	256.0	.17
1958	69	18.2	282.0	.18	74	13.8	254.0	.28	60	18.1	252.0	.18
1959	58	14.1	210.0	.12	101	16.0	422.0	.43	59	18.7	442.0	.30
1960	39	5.0	103.0	.06	81	13.4	183.0	.18	52	8.9	136.0	.09
1961	75	12.5	234.0	.15	70	12.5	256.0	.28	62	15.3	324.0	.22
1962	72	13.1	488.0	.29	61	12.3	298.0	.31	63	18.8	436.0	.28
1963	64	41.4	1,290.0	.86	68	9.5	146.0	.15	54	9.4	146.0	.09
1964	56	7.1	96.9	.06	60	6.9	145.0	.14	79	38.9	580.0	.36
1965	46	13.1	204.0	.13	69	10.2	194.0	.18	91	39.2	931.0	.57
1966	48	10.3	253.0	.16	81	16.8	199.0	.17	92	26.2	336.0	.20
1967	60	11.7	273.0	.18	76	16.1	361.0	.31	109	37.2	776.0	.45
1968	61	10.2	218.0	.14	77	18.0	393.0	.32	95	24.2	456.0	.26
1969	76	15.4	296.4	.19	82	17.7	350.5	.28	126	35.8	473.9	.26
1970	63	8.8	306.3	.21	85	22.6	409.2	.35	129	37.	763.5	.42
1971	66	7.3	194.8	.13	73	10.9	316.2	.27	98	34.9	1,006.2	.58
1972	76	13.9	211.1	.14	76	14.3	229.4	.18	74	14.5	273.3	.16
1973	65	16.8	248.6	.16	82	14.7	290.9	.22	98	23.9	410.3	.23
1974	87	19.5	332.4	.21	88	20.0	309.0	.23	136	35.8	685.2	.38
1975	61	17.2	282.6	.20	57	11.6	354.4	.31	68	12.2	622.2	.38
1976	69	10.8	429.4	.28	73	10.3	266.6	.22	95	23.0	479.0	.28
1977	78	19.5	340.7	.21	93	10.7	202.8	.16	82	24.1	507.8	.29
	Printing, publishing, and allied industries				Chemicals and allied products				Petroleum refining and related industries			
1950	54	10.4	240.0	.14	96	39.2	795.0	.50	22	16.4	792.0	1.39
1951	27	1.2	29.5	.02	67	20.0	201.0	.11	19	5.2	55.5	.08
1952	32	4.1	92.4	.05	100	30.4	621.0	.32	22	58.8	1,110.0	1.59
1953	44	21.3	245.0	.12	107	36.5	825.0	.43	19	2.6	105.0	.16
1954	30	6.0	103.0	.05	77	18.2	159.0	.08	16	2.2	50.6	.08
1955	29	7.7	176.0	.08	105	40.0	634.0	.31	18	3.2	51.0	.08
1956	31	6.0	105.0	.05	92	37.5	399.0	.19	19	8.5	174.0	.27
1957	52	21.6	199.0	.09	97	25.0	381.0	.18	23	7.6	233.0	.36
1958	46	22.3	324.0	.15	100	20.3	318.0	.15	16	8.1	141.0	.23
1959	58	24.4	352.0	.15	97	19.6	422.0	.19	18	18.0	550.0	.92
1960	38	4.9	186.0	.09	91	21.6	314.0	.14	12	2.4	79.8	.14
1961	50	8.9	93.5	.04	94	14.1	441.0	.21	17	15.0	316.0	.61
1962	53	45.2	694.0	.29	103	29.4	767.0	.35	10	6.9	522.0	1.05
1963	58	14.2	1,700.0	.33	105	20.7	482.0	.22	14	1.8	338.0	.71
1964	50	8.7	801.0	.33	94	21.0	337.0	.15	22	5.3	164.0	.34
1965	33	24.5	780.0	.31	102	28.9	737.0	.32	12	1.5	32.7	.07
1966	66	19.5	621.0	.24	151	17.7	727.0	.30	14	1.2	13.5	.03
1967	58	18.1	286.0	.11	124	36.7	1,100.0	.44	23	9.6	116.0	.24
1968	56	2.0	1,270.0	.47	134	32.4	904.0	.34	19	1.9	61.0	.13
1969	89	43.5	464.1	.17	156	49.8	1,355.5	.51	32	44.5	1,034.9	2.21
1970	92	22.8	414.5	.15	150	38.0	1,336.5	.50	17	1.7	27.3	.06
1971	81	28.7	793.7	.29	132	21.3	687.5	.27	13	7.6	99.9	.21
1972	65	13.3	271.7	.10	98	19.6	726.6	.29	11	4.5	126.8	.26
1973	83	23.2	281.1	.10	132	32.1	501.1	.19	15	9.1	536.8	1.14
1974	69	23.5	545.0	.19	156	41.5	1,599.8	.60	25	5.5	148.1	.30
1975	47	13.5	237.6	.09	109	17.7	747.4	.29	30	20.4	613.3	1.23
1976	54	13.1	255.4	.08	129	28.8	1,116.8	.43	17	1.1	19.1	.04
1977	57	9.7	241.2	.09	111	19.3	636.0	.24	23	6.3	172.3	.33

See footnotes at end of table.

# Work stoppages by industry group, 1950-77—Continued

(Workers and days idle in thousands)

Year	Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)	
	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time
	Rubber and miscellaneous plastics products <sup>1</sup>				Leather and leather products				Stone, clay, and glass products			
1950	136	136.0	385.0	.66	84	25.3	157.0	.17	132	44.6	652.0	.55
1951	156	137.0	700.0	1.01	78	22.6	221.0	.23	132	19.0	231.0	.16
1952	129	154.0	912.0	1.31	65	16.7	139.0	.14	154	63.3	810.0	.59
1953	102	141.0	493.0	.71	48	11.9	99.1	.10	128	19.4	316.0	.23
1954	83	108.0	1,620.0	2.49	36	5.6	53.3	.06	106	20.7	300.0	.23
1955	105	124.0	490.0	.69	50	40.4	542.0	.56	110	32.6	495.0	.35
1956	55	81.3	580.0	.83	54	8.9	74.0	.08	113	76.4	994.0	.69
1957	54	47.5	420.0	.62	56	11.3	99.7	.10	106	32.3	614.0	.44
1958	58	23.8	147.0	.24	41	7.7	78.9	.09	117	44.9	1,200.0	.91
1959	62	76.8	1,930.0	2.90	38	5.6	53.3	.05	165	50.8	1,230.0	.87
1960	53	29.6	261.0	.40	32	5.7	64.1	.07	98	18.2	228.0	.16
1961	65	22.6	215.0	.24	25	18.2	70.4	.08	130	24.4	458.0	.32
1962	43	14.8	159.0	.16	32	7.6	58.1	.06	113	15.6	318.0	.22
1963	81	32.0	1,100.0	1.06	38	23.9	101.0	.11	118	20.3	459.0	.30
1964	67	30.0	452.0	.41	34	6.1	67.3	.07	117	22.8	412.0	.26
1965	93	55.2	443.0	.38	36	20.4	312.0	.35	139	70.7	836.0	.53
1966	83	27.3	433.0	.33	32	8.2	99.2	.11	142	31.6	594.0	.36
1967	94	101.0	3,730.0	2.85	30	11.7	109.0	.12	157	29.0	621.0	.39
1968	87	24.5	393.0	.27	20	5.1	73.9	.08	133	72.8	2,120.0	1.30
1969	112	32.0	353.3	.24	24	4.7	63.1	.07	194	46.2	679.1	.40
1970	132	81.3	2,322.7	1.60	21	4.8	59.8	.07	164	32.8	830.0	.51
1971	88	27.9	426.4	.29	16	6.5	95.6	.12	156	29.9	544.9	.34
1972	95	23.4	272.4	.17	14	2.9	45.8	.06	140	23.2	376.0	.23
1973	143	102.3	1,743.0	1.01	10	2.1	22.7	.03	176	28.5	629.5	.36
1974	126	38.2	971.1	.57	15	6.0	122.8	.17	167	35.3	1,003.9	.58
1975	57	10.4	238.1	.16	9	1.0	9.3	.01	140	17.6	484.3	.31
1976	120	93.1	6,082.4	3.93	12	2.6	55.1	.06	146	28.0	628.5	.39
1977	88	14.7	343.4	.20	18	6.4	248.9	.37	139	44.8	987.8	.60
	Primary metal industries				Fabricated metal products, except ordnance, machinery, and transportation equipment				Machinery, except electrical			
1950	309	142.0	1,180.0	.41	278	85.8	969.0	.45	317	224.0	4,410.0	1.40
1951	308	214.0	1,630.0	.48	242	84.2	1,300.0	.51	268	158.0	3,370.0	.83
1952	288	622.0	23,000.0	7.07	282	111.0	2,430.0	.95	323	167.0	3,990.0	.96
1953	312	202.0	1,510.0	.45	291	102.0	1,690.0	.57	286	126.0	2,150.0	.50
1954	158	80.4	952.0	.31	175	42.0	1,200.0	.45	175	64.0	1,350.0	.34
1955	279	535.0	1,570.0	.47	282	131.0	1,590.0	.57	306	230.0	3,800.0	.95
1956	238	573.0	12,700.0	3.81	229	87.7	1,420.0	.50	211	113.0	2,630.0	.83
1957	232	118.0	1,150.0	.35	237	58.5	713.0	.25	231	89.9	1,380.0	.32
1958	167	102.0	711.0	.25	256	147.0	1,220.0	.46	223	152.0	2,760.0	.72
1959	236	575.0	39,000.0	13.77	276	100.0	3,150.0	1.14	217	82.7	2,820.0	.68
1960	158	94.3	1,880.0	.62	195	44.2	597.0	.21	144	68.5	1,240.0	.30
1961	126	74.4	665.0	.23	191	96.6	1,130.0	.41	176	89.1	1,240.0	.34
1962	176	84.8	872.0	.29	220	42.5	651.0	.23	196	63.3	1,200.0	.32
1963	131	55.4	637.0	.21	193	40.8	516.0	.18	171	58.5	845.0	.22
1964	173	87.7	1,010.0	.32	228	79.9	1,550.0	.50	191	120.0	1,140.0	.27
1965	206	88.0	1,390.0	.43	269	86.8	1,430.0	.45	266	113.0	1,870.0	.43
1966	219	98.6	1,540.0	.46	277	76.1	1,290.0	.37	301	136.0	2,440.0	.51
1967	215	118.0	4,070.0	1.23	274	107.0	2,270.0	.66	260	177.0	4,010.0	.80
1968	282	137.0	4,790.0	1.44	349	78.4	2,040.0	.57	414	180.0	3,940.0	.79
1969	241	106.8	1,663.2	.48	381	73.6	1,377.5	.37	361	147.9	3,167.6	.62
1970	214	81.0	2,300.3	.69	323	117.5	3,444.2	.97	292	118.5	3,602.9	.72
1971	235	100.9	2,622.6	.84	350	95.2	2,028.2	.60	332	124.1	3,293.2	.72
1972	165	53.0	1,310.9	.42	286	51.1	1,122.4	.32	281	79.9	2,287.8	.49
1973	171	56.6	760.5	.23	295	76.7	1,239.9	.34	323	167.0	2,006.4	.39
1974	225	73.3	1,585.9	.47	423	87.6	2,101.9	.56	401	170.4	3,026.1	.55
1975	161	42.6	1,168.9	.39	309	48.6	1,779.3	.53	274	74.4	2,370.8	.45
1976	197	54.9	1,304.3	.43	309	63.8	1,631.5	.47	309	144.5	2,271.8	.52
1977	239	90.6	2,166.8	.71	354	57.2	1,466.0	.40	451	139.6	3,266.9	.59

See footnotes at end of table.

**Work stoppages by industry group, 1950-77—Continued**

(Workers and days idle in thousands)

Year	Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)	
	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time
	Electrical machinery, equipment, and supplies				Transportation equipment				Instruments, etc.			
1950	168	132.0	1,420.0	.73	171	368.0	8,540.0	2.88	26	23.1	158.0	.27
1951	136	104.0	1,040.0	.44	194	230.0	2,600.0	.68	26	10.2	127.0	.17
1952	122	100.0	1,180.0	.47	199	216.1	2,230.0	.53	23	12.6	297.0	.35
1953	137	76.6	1,620.0	.53	179	300.0	2,730.0	.53	41	11.4	246.0	.29
1954	116	57.1	1,010.0	.35	84	107.0	656.0	.15	24	18.7	145.0	.18
1955	147	202.0	3,300.0	1.15	200	440.0	1,910.0	.40	30	34.0	694.0	.87
1956	106	62.7	3,050.0	.99	145	123.0	1,800.0	.40	35	7.0	134.0	.15
1957	100	44.9	785.0	.25	154	167.0	1,170.0	.24	25	7.2	202.0	.23
1958	93	102.0	1,030.0	.36	210	551.0	4,310.0	1.06	27	14.3	233.0	.29
1959	96	48.1	820.0	.25	108	76.5	1,390.0	.32	26	8.7	158.0	.18
1960	102	96.6	1,260.0	.38	122	189.0	3,550.0	.85	29	6.4	94.8	.11
1961	114	67.1	716.0	.20	98	297.0	2,500.0	.65	19	12.5	170.0	.19
1962	99	64.2	631.0	.16	100	81.5	1,410.0	.34	38	15.1	418.0	.46
1963	109	44.3	835.0	.21	101	71.5	678.0	.16	28	4.8	122.0	.13
1964	105	62.7	859.0	.21	120	386.0	6,410.0	1.53	23	6.8	170.0	.18
1965	137	51.8	795.0	.19	140	196.0	2,630.0	.60	28	7.6	109.0	.11
1966	189	168.0	2,410.0	.50	162	150.0	1,330.0	.27	37	5.9	148.0	.14
1967	207	191.0	2,630.0	.54	165	347.0	5,530.0	1.13	24	2.7	51.2	.04
1968	234	160.0	1,760.0	.35	241	255.0	2,990.0	.58	37	13.2	84.4	.07
1969	264	268.8	5,478.9	1.05	202	263.9	4,500.4	.87	26	8.7	314.2	.26
1970	191	133.2	6,208.1	1.27	158	326.8	14,033.9	3.02	31	10.1	223.3	.10
1971	174	109.1	1,549.4	.34	168	119.6	2,742.9	.62	29	9.3	402.0	.37
1972	161	95.4	695.4	.15	133	116.8	1,734.2	.39	22	4.9	134.3	.12
1973	173	87.1	1,234.2	.25	160	206.2	1,437.9	.31	35	13.8	278.3	.22
1974	220	182.8	3,643.0	.72	197	181.0	3,739.3	.83	41	14.0	165.3	.12
1975	120	34.0	850.7	.19	137	77.9	3,404.9	.82	32	10.7	287.9	.23
1976	204	134.8	2,235.5	.48	130	238.1	4,322.9	.99	29	5.3	128.1	.10
1977	199	76.2	1,076.3	.22	190	172.5	4,185.6	.92	39	8.7	216.4	.16
	Miscellaneous manufacturing				Nonmanufacturing <sup>1</sup>							
1950	96	18.6	237.0	.22	2,138	959	15,900	.30				
1951	92	12.7	195.0	.16	2,189	844	5,470	.11				
1952	94	13.2	224.0	.18	2,452	1,660	16,800	.27				
1953	105	21.0	280.0	.22	2,479	1,090	12,700	.19				
1954	85	14.2	186.0	.15	1,762	761	8,900	.14				
1955	99	14.3	191.0	.16	1,913	646	9,390	.14				
1956	89	16.2	295.0	.23	1,856	544	6,020	.09				
1957	80	15.0	201.0	.16	1,711	610	7,080	.10				
1958	38	8.3	141.0	.12	1,739	574	8,520	.12				
1959	68	11.3	179.0	.14	1,672	600	13,500	.19				
1960	54	4.7	74.4	.06	1,740	610	7,900	.11				
1961	56	10.4	125.0	.13	1,694	555	6,500	.08				
1962	54	7.4	178.0	.18	1,825	596	8,460	.11				
1963	47	7.9	95.2	.09	1,678	386	5,730	.07				
1964	49	9.0	146.0	.14	1,865	646	7,210	.09				
1965	54	7.5	164.0	.15	1,886	633	9,020	.11				
1966	48	8.5	181.0	.16	2,110	1,040	11,700	.14				
1967	56	8.3	240.0	.22	2,267	1,530	14,300	.15				
1968	63	10.5	216.0	.19	2,396	1,470	25,000	.20				
1969	71	14.5	224.7	.20	2,893	1,174	18,763	.14				
1970	73	11.7	305.5	.28	3,240	2,177	28,407	.21				
1971	44	7.7	156.4	.15	2,762	2,417	29,104	.22				
1972	44	6.0	111.9	.10	2,954	1,068	14,784	.11				
1973	43	8.9	200.0	.18	3,072	1,287	13,630	.09				
1974	69	10.7	209.7	.19	3,253	1,632	24,392	.17				
1975	37	5.8	255.6	.25	3,134	1,282	16,361	.11				
1976	60	11.4	193.9	.37	3,406	1,446	13,596	.09				
1977	48	9.5	288.1	.27	2,970	1,252	17,486	.11				

See footnotes at end of table.



**Work stoppages by industry group, 1950-77—Continued**

(Workers and days idle in thousands)

Year	Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)	
	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time
	Agriculture, forestry, and fisheries				Mining				Contract construction			
1950	12	20.7	152.0	( <sup>b</sup> )	508	196.0	9,700.0	4.37	611	237.0	2,460.0	.44
1951	21	17.2	348.0	( <sup>b</sup> )	622	284.0	1,290.0	.55	651	232.0	1,190.0	.18
1952	14	4.7	56.0	( <sup>b</sup> )	650	547.0	4,310.0	1.92	794	634.0	6,700.0	1.03
1953	14	8.1	113.0	( <sup>b</sup> )	460	156.0	846.0	.40	1,039	574.0	8,000.0	1.22
1954	10	2.9	59.9	( <sup>b</sup> )	248	111.0	845.0	.44	804	437.0	4,800.0	.71
1955	11	3.1	14.2	( <sup>b</sup> )	343	114.0	1,080.0	.57	733	204.0	1,810.0	.28
1956	6	2.0	10.4	( <sup>b</sup> )	321	129.0	1,320.0	.65	784	231.0	2,680.0	.35
1957	6	1.9	33.7	( <sup>b</sup> )	198	56.3	240.0	.11	785	308.0	3,970.0	.51
1958	6	4.0	14.3	( <sup>b</sup> )	168	38.6	302.0	.16	844	326.0	4,790.0	.71
1959	10	2.2	65.7	( <sup>b</sup> )	187	120.0	5,650.0	3.26	771	251.0	4,120.0	.58
1960	81	7.6	160.0	( <sup>b</sup> )	154	48.5	700.0	.41	773	269.0	4,470.0	.63
1961	31	10.6	80.0	( <sup>b</sup> )	154	37.7	310.0	.18	824	217.0	3,490.0	.50
1962	16	2.6	59.0	( <sup>b</sup> )	159	51.8	983.0	.60	913	284.0	4,150.0	.60
1963	25	16.0	84.6	( <sup>b</sup> )	153	45.8	481.0	.30	840	208.0	1,930.0	.25
1964	18	3.0	44.1	( <sup>b</sup> )	155	83.4	808.0	.49	944	248.0	2,790.0	.35
1965	21	4.3	60.3	( <sup>b</sup> )	188	71.6	431.0	.27	943	301.0	4,630.0	.57
1966	20	5.5	50.9	( <sup>b</sup> )	194	96.1	794.0	.50	977	455.0	6,140.0	.73
1967	18	7.7	70.4	( <sup>b</sup> )	254	102.0	3,030.0	1.95	867	305.0	5,160.0	.62
1968	17	6.7	147.0	0.04	301	213.0	2,550.0	1.60	912	364.0	8,720.0	1.05
1969	16	14.6	228.5	.08	495	220.4	1,156.9	.72	973	433.1	3,885.8	1.19
1970	27	11.2	250.3	.09	544	211.4	849.6	.54	1,137	621.0	15,240.4	1.79
1971	7	1.5	4.2	( <sup>b</sup> )	657	383.2	4,934.4	3.23	751	451.3	6,849.6	.83
1972	12	5.3	90.9	.03	1,000	267.1	724.3	.47	701	454.2	7,843.7	.88
1973	11	23.2	479.0	.15	1,079	301.0	865.4	.55	538	366.9	3,658.8	.40
1974	13	21.5	459.7	.14	1,050	501.3	4,061.0	2.40	688	629.8	12,721.0	1.27
1975	7	.7	35.9	.01	1,165	391.6	1,642.8	.88	600	308.0	7,307.3	.84
1976	10	2.4	13.9	( <sup>b</sup> )	1,425	514.7	2,220.1	1.13	503	172.4	3,239.8	.36
1977	10	1.1	23.7	.01	999	676.4	7,280.5	3.48	486	217.5	3,284.4	.34
	Transportation, communication, electric, gas, and sanitary services <sup>a</sup>				Wholesale and retail trade							
1950	386	405.0	2,380.0	.25	381	70.1	927.0	.04				
1951	387	231.0	1,790.0	.17	277	40.0	289.0	.01				
1952	406	372.0	4,170.0	.39	397	75.8	1,050.0	.04				
1953	372	256.0	2,380.0	.22	408	71.2	1,050.0	.04				
1954	282	146.0	1,410.0	.14	298	53.4	1,690.0	.06				
1955	275	253.0	4,860.0	.47	409	52.3	1,090.0	.04				
1956	243	130.0	1,170.0	.11	336	37.1	558.0	.02				
1957	209	169.0	2,010.0	.19	372	63.0	654.0	.02				
1958	242	132.0	2,270.0	.23	358	57.0	942.0	.03				
1959	233	140.0	1,910.0	.19	311	72.2	1,570.0	.05				
1960	266	200.0	3,000.0	.18	290	32.6	451.0	.02				
1961	243	211.0	1,710.0	.17	308	62.4	716.0	.02				
1962	213	182.0	2,490.0	.25	364	29.7	535.0	.02				
1963	205	63.4	2,540.0	.25	293	34.1	498.0	.02				
1964	257	205.0	1,900.0	.19	309	61.6	1,340.0	.04				
1965	216	185.0	1,750.0	.29	336	42.6	570.0	.02				
1966	240	312.0	3,390.0	.32	365	42.3	508.0	.02				
1967	345	866.0	3,450.0	.32	431	87.2	994.0	.03				
1968	303	571.0	9,310.0	.84	417	75.1	972.0	.03				
1969	320	212.0	4,030.9	.36	470	92.6	1,309.9	.03				
1970	400	858.5	7,212.8	.63	487	73.6	1,875.8	.05				
1971	316	1,266.7	13,419.9	1.18	502	134.0	2,086.4	.05				
1972	256	114.6	3,245.0	.29	389	52.3	1,131.6	.03				
1973	324	192.7	3,296.5	.28	499	136.0	2,123.6	.05				
1974	320	140.2	3,225.5	.27	549	137.0	1,757.8	.04				
1975	268	166.8	3,089.0	.27	371	63.4	1,426.0	.03				
1976	354	386.4	3,461.3	.30	467	55.8	1,311.3	.03				
1977	303	56.1	2,157.1	.19	486	86.3	1,988.0	.04				

See footnotes at end of table.

# Work stoppages by industry group, 1950-77—Continued

(Workers and days idle in thousands)

Year	Stoppages beginning in year		Days-idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)	
	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time	Number	Workers involved	Number	Percent of estimated working time
	Finance, insurance, and real estate				Services				Government			
1950	31	13.0	52.5	( <sup>1</sup> )	182	13.9	161.0	( <sup>1</sup> )	28	4.0	32.7	( <sup>1</sup> )
1951	21	14.3	208.0	( <sup>1</sup> )	179	21.3	329.0	( <sup>1</sup> )	36	4.9	28.8	( <sup>1</sup> )
1952	16	4.2	300.0	( <sup>1</sup> )	132	14.0	193.0	( <sup>1</sup> )	49	8.1	33.4	( <sup>1</sup> )
1953	13	1.0	21.6	( <sup>1</sup> )	145	14.4	202.0	( <sup>1</sup> )	30	6.3	53.4	( <sup>1</sup> )
1954	10	.6	13.9	( <sup>1</sup> )	104	8.0	82.9	( <sup>1</sup> )	10	1.8	10.4	( <sup>1</sup> )
1955	8	.6	27.3	( <sup>1</sup> )	121	17.8	488.0	( <sup>1</sup> )	17	1.5	7.2	( <sup>1</sup> )
1956	16	.9	39.2	( <sup>1</sup> )	125	10.7	226.0	( <sup>1</sup> )	27	3.5	11.1	( <sup>1</sup> )
1957	10	1.0	22.7	( <sup>1</sup> )	122	9.0	146.0	( <sup>1</sup> )	12	.8	4.4	( <sup>1</sup> )
1958	8	.6	4.6	( <sup>1</sup> )	102	14.1	196.0	( <sup>1</sup> )	15	1.7	7.5	( <sup>1</sup> )
1959	11	.8	4.3	( <sup>1</sup> )	128	12.7	190.0	( <sup>1</sup> )	25	2.1	10.5	( <sup>1</sup> )
1960	6	6.0	7.2	( <sup>1</sup> )	138	17.6	304.0	( <sup>1</sup> )	36	28.6	58.4	( <sup>1</sup> )
1961	4	.2	3.0	( <sup>1</sup> )	103	9.1	173.0	( <sup>1</sup> )	28	6.6	15.3	( <sup>1</sup> )
1962	11	1.4	15.1	( <sup>1</sup> )	121	12.7	145.0	( <sup>1</sup> )	28	31.1	79.1	( <sup>1</sup> )
1963	13	1.3	30.8	( <sup>1</sup> )	121	12.5	148.0	( <sup>1</sup> )	29	4.8	15.4	( <sup>1</sup> )
1964	17	.8	10.4	( <sup>1</sup> )	125	20.9	245.0	0.01	41	22.7	70.8	( <sup>1</sup> )
1965	16	.6	5.5	( <sup>1</sup> )	126	16.0	177.0	.01	42	11.9	146.0	0.01
1966	14	1.7	27.6	( <sup>1</sup> )	159	21.0	358.0	.01	142	105.0	455.0	.02
1967	19	10.7	91.8	0.01	154	15.2	266.0	.01	181	132.0	1,250.0	.04
1968	17	8.0	360.0	.04	175	31.2	432.0	.02	254	202.0	2,550.0	.08
1969	22	6.4	199.9	.02	186	34.6	705.1	.02	411	160.0	745.7	.02
1970	23	18.8	282.0	.03	210	49.0	673.2	.02	412	333.5	2,023.3	.06
1971	23	2.1	61.7	.01	177	25.7	847.1	.03	329	152.6	901.4	.03
1972	23	2.7	52.7	.01	198	29.3	438.4	.01	375	142.1	1,257.3	.04
1973	24	3.5	80.2	.01	210	67.7	822.5	.03	389	196.4	2,303.9	.07
1974	29	2.6	62.9	.01	220	39.2	700.1	.02	384	160.7	1,404.2	.04
1975	18	3.0	169.0	.02	228	29.9	486.6	.01	478	318.5	2,204.4	.06
1976	27	25.4	273.0	.03	246	107.6	1,385.7	.04	378	180.7	1,690.7	.04
1977	23	2.8	96.6	.01	250	41.9	882.8	.02	413	170.2	1,765.7	.05

<sup>1</sup> Less than 0.005 percent.

<sup>2</sup> Prior to 1958, miscellaneous plastics products were included under "Miscellaneous manufacturing industries."

<sup>3</sup> Days idle in the primary metals industry group during the steel strike have been computed on the basis of average employment throughout the affected months, rather than on the usual basis of employment in the pay period ending nearest to the 15th of each month. If the percentage of time lost was calculated on the basis of the ratio of time lost to time worked plus time lost, it would have been 12.12 for the primary metal industry group.

<sup>4</sup> Idleness as a percent of estimated working time does not include government workers.

<sup>5</sup> Not available.

<sup>6</sup> Data for 1950-58 include municipally operated utilities.

NOTE: The number of stoppages reported for a major industry group or division may not equal the sum of its components because individual stoppages occurring in 2 or more industry groups have been counted in each. The major industry group and division totals have been adjusted to eliminate duplication. Workers involved and days idle have been allocated among the respective industry groups.

Because of rounding, sums of individual items may not equal totals. Dashes denote zeros.

# Appendix B. Scope, Definitions, and Methods

## Scope

It is the purpose of this statistical series to report all work stoppages in the United States that involve six workers or more and continue for the equivalent of a full day or shift or longer.

## Definitions

**Strike or lockout.** A strike is defined as a temporary stoppage of work by a group of employees (not necessarily members of a union) to express a grievance or enforce a demand. A lockout is a temporary withholding or denial of employment during a labor dispute to enforce terms of employment upon a group of employees. Because of the complexity of most labor-management disputes, the Bureau makes no attempt to distinguish between strikes and lockouts in its statistics; both types are included in the term "work stoppage" and are used interchangeably. The terms "dispute", "labor-management dispute," and "walkout" are also used interchangeably.

**Workers and idleness.** The figures on the number of "workers involved" and "days idle" include all workers made idle for one shift or longer in establishments directly involved in a stoppage. They do not account for secondary idleness—that is, the effects of a stoppage on other establishments or industries whose employees may be made idle as a result of material or service shortages.

The total number of workers involved in strikes in a given year may include double counting of individual workers if they were involved in more than one stoppage during that year. (Thus, in 1974, the Bureau recorded some 460,000 bituminous coal and lignite mining workers as participating in strikes, while 165,000 workers were employed in the industry.)

In some prolonged stoppages, the total days of idleness are estimated if the number of workers idle each day is not known. Significant changes in the number of workers idle are secured from the parties for use in computing days of idleness.

## Methods

**The relative measures.** In computing the number of workers involved in strikes as a percent of total employment and

idleness as a percent of total working time, the following employment figures have been used:

*From 1927 to 1950*, all employed workers were included in the base, except those in occupations and professions in which little, if any, union organization existed or in which stoppages rarely, if ever, occurred. In most industries, all wage and salary workers were included in total employment except those in executive, managerial, or high supervisory positions, or those performing professional work the nature of which made union organization or group action unlikely. This measure of employment also excluded all self-employed persons; domestic workers; workers on farms employing fewer than six persons; all Federal and State government employees; and officials, both elected and appointed, in local government.

*From 1951 to 1966*, the Bureau's estimates of total employment in nonagricultural establishments, exclusive of government, were used as a base. Days of idleness computed on the basis of nonagricultural employment (exclusive of government) usually differed by less than one-tenth of a percentage point from that obtained by the former method, while the percentage of workers idle (compared with total employment) differed by about 0.5 of a point. For example, the percentage of workers idle during 1950 computed on the base used for the earlier years was 6.9, and the percentage for days of idleness was 0.44, compared with 6.3 and 0.40, respectively, computed on the new base.

*From 1967 to 1973*, two estimates of employment were used, one based on the wage and salary workers in the civilian work force, and the other on those in the private nonfarm sector.<sup>1</sup> The new private nonfarm series closely approximated the former BLS series which, as noted, excluded government and agricultural workers from employment totals, but accounted for idleness by such workers while on strike. The old method had resulted in an increasingly distorted measure of the severity of strikes; the likely growth of strike activity among government and farmworkers would have distorted the measure even more in the future. The "total economy" measure of strike idleness now included government and agricultural workers in its employment count as well as in the computation of idleness ratios, but excluded forestry, fishery, and private household workers from the base. To facilitate comparisons

<sup>1</sup> For further information, see "Total Economy' Measure of Strike Idleness," *Monthly Labor Review*, October 1968, pp. 54-56.

**Table B-1. Methods of computing relative measures of idleness**

Component	Total economy measure	Nonagricultural sector measure	Private nonagricultural sector measure
Employment .....	Establishment series plus wage and salaried farm workers.	Establishment series.	Establishment series less government.
Estimated working time .....	Above employment times working days.	Above employment times working days.	Above employment times working days.
Days of idleness as a percent of estimated total working time .....	$\frac{\text{Total idleness}}{\text{Above working time}} \times 100$	$\frac{\text{Total idleness less farm}}{\text{Above working time}} \times 100$	$\frac{\text{Total idleness less farm and government}}{\text{Above working time}} \times 100$

over time, the figure for the total economy had been carried back to 1939 (see table 1). The "private nonagricultural" measure excluded agricultural and government workers from employment totals and these groups were also removed from strike figures in arriving at a percentage of nonagricultural working time idle.

*Beginning in 1974*, government workers have been added to employment and idleness ratios. (See table 21.)

The differences in the various measures are illustrated in table B-1 in which the components of each measure and the methods of computation are set forth.

"Estimated working time" is computed by multiplying the average employment for the year by the number of days typically worked by most employed workers during that year. In these computations, Saturdays (when customarily not worked), Sundays, and established Federal holidays are excluded.<sup>2</sup>

*Duration.* Although only workdays are used in computing total days of idleness, duration is expressed in calendar days, including nonworkdays.

*State data.* Stoppages occurring in more than one State are listed separately in each State affected. The workers and days of idleness are allocated among each of the affected State.<sup>3</sup> The procedures outlined in the section on relative measures also have been used in preparing estimates of idleness by State.

*Metropolitan area data.* Information is tabulated separately for the areas that currently comprise the list of Standard Metropolitan Statistical Areas (SMSA's) as defined by the Office of Management and Budget and, in addition, for a few communities historically included in the strike series before the current list of areas was compiled. Information is published only for those areas in which at least five stoppages were recorded during the year.

Some metropolitan areas include counties in more than one State, and hence, statistics for an area may occasionally equal or exceed totals for the State in which the major

city is located. Stoppages in the mining and logging industries are excluded from metropolitan area data but are reported by industry and State.

*Unions involved.* For this purpose, the union is the organization whose contract was involved or which has taken active leadership in the stoppage. Disputes involving more than one union are classified as jurisdictional or rival union disputes or as involving cooperating unions. If unorganized workers strike, a separate classification is used. However, the tabulations of "workers involved" include all who are made idle for one shift or longer in establishments directly involved in the dispute, including members of other unions and nonunion workers. Information is presented by major affiliation of the union, i.e., AFL-CIO, or, if there is no affiliation, by the designations "independent," "single firm," or "no union."

**Sources of information**

*Occurrence of strikes.* Information on the actual or probable existence of work stoppages is collected from a number of sources. Clippings on labor disputes are obtained from a comprehensive coverage of daily and weekly newspapers throughout the country. Information also is received regularly from the Federal Mediation and Conciliation Service. Other sources of information include State boards of mediation and arbitration; research divisions of State labor departments; local offices of State employment security agencies; and trade and union journals. Some employer associations, companies, and unions also furnish the Bureau with work stoppage information on a voluntary cooperative basis, either as stoppages occur or periodically.

<sup>2</sup> For example, the total economy figure for 1974 was computed by multiplying the average employment for the year by the number of working days (79,683,000x252=20,080,116,000) and dividing this figure into the total number of days of idleness.

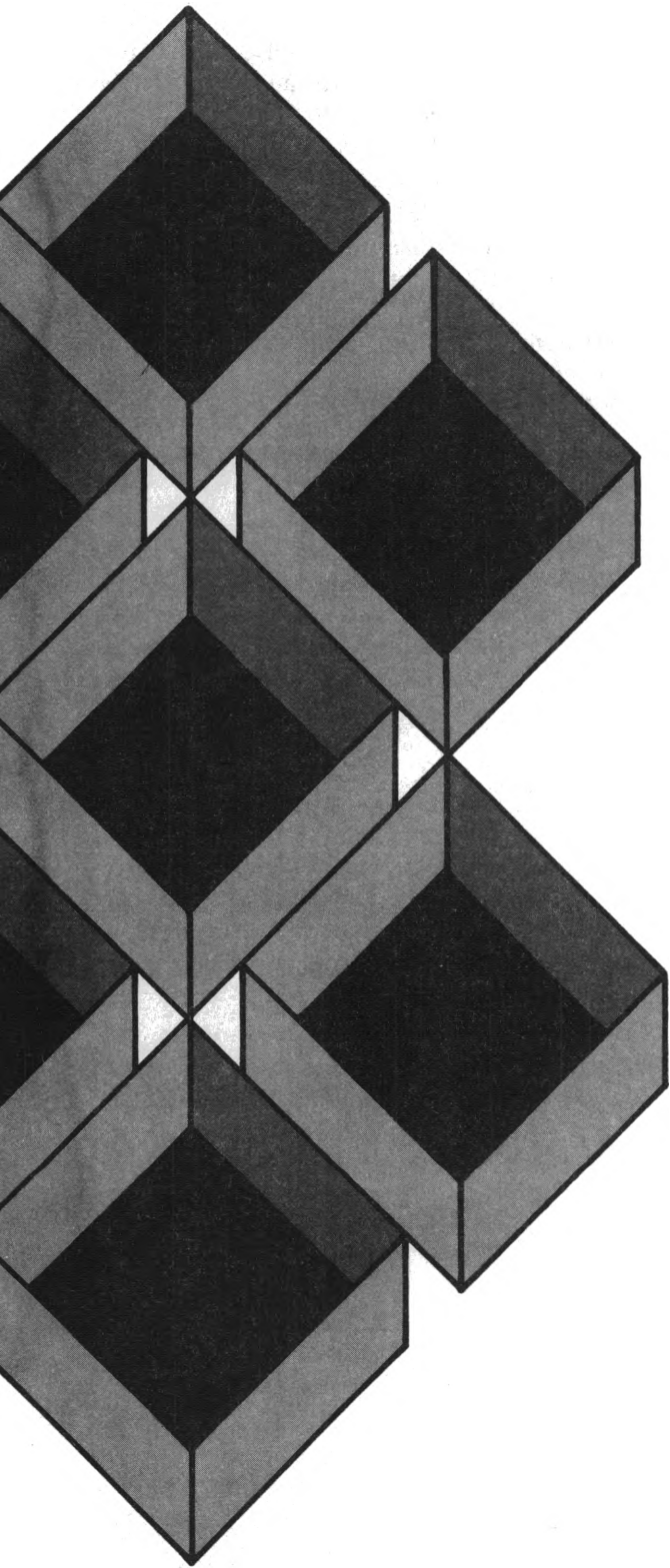
<sup>3</sup> The same procedure is followed in allocating data on stoppages occurring in more than one industry, industry group, or metropolitan area.

*Respondents to questionnaire.* A questionnaire is mailed to each of the parties reported as involved in work stoppages to obtain information on the number of workers involved, duration, major issues, location, method of settlement, and other pertinent information.

*Limitations of data.* Although the Bureau seeks to obtain complete coverage, i.e., a "census" of all strikes involving six workers or more and lasting a full shift or more, information is undoubtedly missing on some strikes involv-

ing small numbers of workers. Presumably, these missing strikes do not substantially affect the number of workers and days of idleness reported.

To improve the completeness of the count of stoppages, the Bureau has constantly sought to develop new sources of information on the probable existence of stoppages. Over the years, these sources have probably increased the number of strikes recorded, but have had little effect on the number of workers or total idleness. As new agencies or organizations having knowledge of the existence of work stoppages are established or identified, every effort is made by the Bureau to establish cooperative arrangements.



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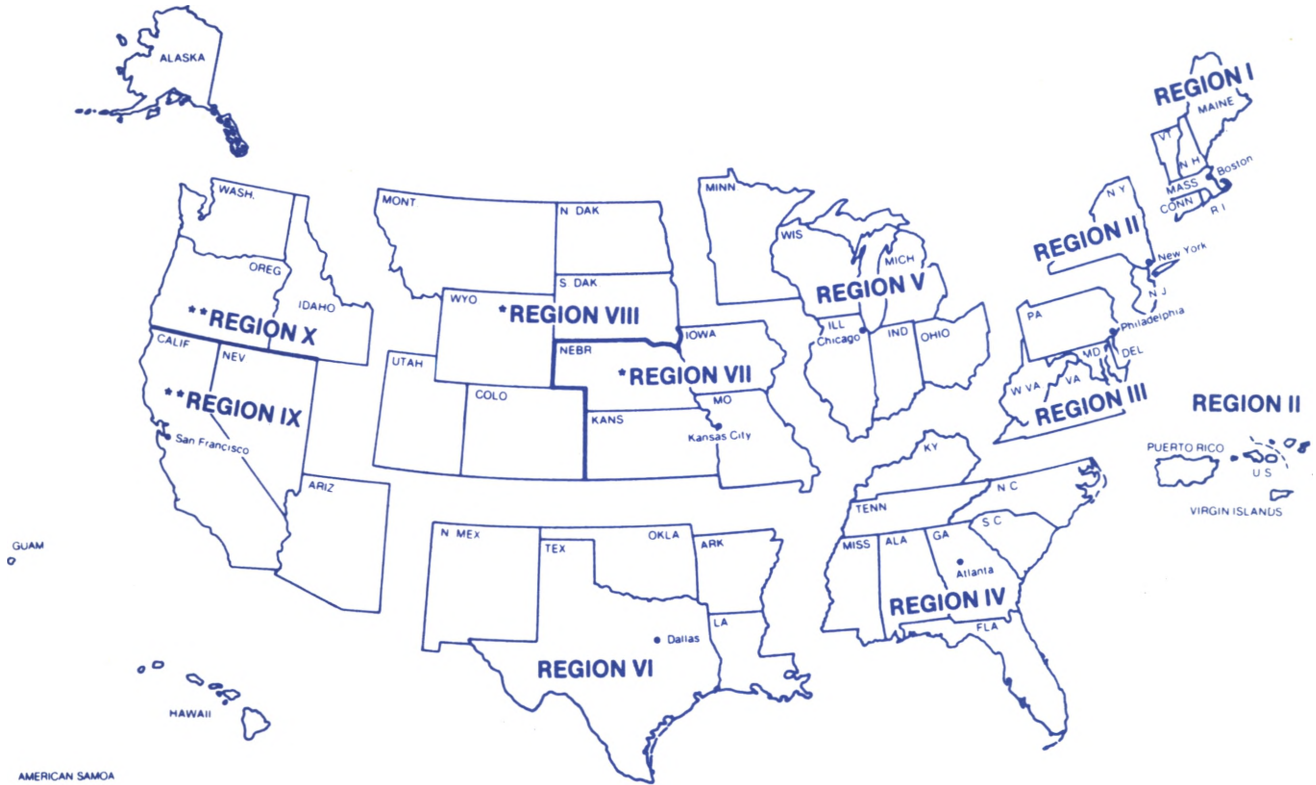
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