Analysis of WORK STOPPAGES 1959

Bulletin No.1278

September 1960

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Preface

This bulletin presents a detailed statistical analysis of work stoppages in 1959, continuing an annual feature of the Bureau of Labor Statistics' program in the field of industrial relations. Preliminary monthly 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 upon request. Preliminary estimates for the entire year are available at the year's end; selected final tabulations are issued in April of the following year.

A chronology of the 1959 steel strike, which was ended after 116 days by a court injunction, and tables showing the industrial and geographical scope of this strike are presented in appendix B.

Appendix C contains a chronology of the Atlantic and Gulf Coast longshore stoppage in which the emergency provisions of the Taft-Hartley Act were also invoked by the President.

The methods used in preparing work stoppage statistics are described in appendix D.

The Bureau wished to acknowledge the cooperation of employers and employer associations, labor unions, the Federal Mediation and Conciliation Service, and various State agencies in furnishing information on work stoppages.

This report was prepared in the Bureau's Division of Wages and Industrial Relations by Joseph W. Bloch, assisted by Loretto R. Nolan. Julian Malnak prepared the chronologies which appear in appendices B and C.

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Summary

The 1959 steel strike, which idled 519,000 workers for 116 days before an injunction terminated the strike, raised the year's total strike¹ idleness to 69 million man-days, second only to 1946 in the postwar period. Otherwise, by postwar standards, the volume of strike activity during the year, as measured in number of stoppages (3,708) and workers involved (1,880,000), was not high.

However, there was a significant increase in the duration of stoppages which averaged 24.6 days.

The 245 stoppages involving 1,000 or more workers were fewer than in 1958 and in most postwar years.

Continuing a differential prevailing since 1949 (except for 1954), all measures of strike activity were higher for manufacturing than for nonmanufacturing industries.

The steel strike involved workers in 32 States—in 10 of these States more than 10,000 workers. As in the case of the steel strike, the emergency provisions of the Taft-Hartley Act were invoked to end a longshoremen's strike at East and Gulf Coast ports.

Trends in Work Stoppages

A total of 3,708 work stoppages resulting from labor-management disputes, involving six or more workers, and lasting a full day or shift or longer began in 1959 (table 1). These stoppages directly involved 1,880,000 workers. All stoppages in effect during the year resulted in 69,000,000 mandays of idleness, or 0.61 percent of the estimated working time of all workers in nonagricultural establishments.² In the year's total, the 116-day steel strike accounted for 1 stoppage, 519,000 workers, and 41,900,000 man-days of idleness (table B-1).

The number of stoppages recorded during the year remained at approximately the same level as in 1958³ and 1957, substantially below the high postwar level reached in 1946 and in a 4-year period beginning in 1950, and less than 10 percent above the low postwar mark of 1948 (chart 1). Despite the steel strike, fewer workers were involved in 1959 stoppages than in any postwar year except 1954 and 1957. Yet, total man-days of idleness, reflecting the impact of the largest idleness-producing strike in the Nation's history, reached a level second only to 1946 (but only about three-fifths of that level).⁴

Thus, largely because of the length of the steel strike, 1959 may become a historic year in the annals of labor-management relations. Other measures of strike activity during the year were not high, by postwar standards, but there was a significant increase in the duration of stoppages (discussed later in this report) which also contributed to the 1959 rise in man-days of idleness.

For purposes of illustrating how 1959, without its major strike, compares with other years, without their major strikes, chart 2 shows workers involved and man-days of idleness since 1945, less the amounts contributed by all stoppages in the basic steel, motor

1959. ³ For detailed data on 1958, see Analysis of Work Stoppages, 1958, BLS Bull. 1258 (1959).

⁴ The Bureau of Labor Statistics began computing man-days of idleness in 1927. It is probable that 1919 was the only year prior to 1927 when man-days of idleness may have reached a level in the range of 1946 or 1959. In 1919, over 4 million workers were involved in stoppages.

¹ The terms "work stoppage" and "strike" are used interchangeably in this bulletin. Strikes, in this special use, would thus include lockouts.

² In computing percent of estimated working time of all workers, government employment is excluded. (See appendix D, p. 59.) For those interested in comparing strike idleness in the United States with other countries, the estimate of percent of working time lost, including government, amounted to 0.52 in 1959.

vehicles, and bituminous coal industries.⁵ During the 15-year period covered by this chart, these three industries accounted for approximately a third of total man-days of idleness and workers involved.

The national emergency provisions of the Labor-Management Relations (Taft-Hartley) Act of 1947 were invoked by the President twice during 1959, first in the East and Gulf Coast longshore strike and second in the steel

⁵ Individual large strikes have so great an impact on work stoppage statistics that it is often difficult to see trends in a framework applicable to labor-management relations in general. It is, however, unrealistic to attempt to recreate a picture of 1959 strike activity, to compare with prior years, assuming there had been no big steel strike. In the first place, the steel strike began in mid-year, and the 116-day strike and the negotiations during the subsequent period of the 80-day Taft-Hartley injunction dominated the labor-management scene for the rest of the The influence of this extended key vear. dispute upon other bargaining situations and upon other stoppages cannot be traced; moreover, it is reasonable to expect that a peaceful settlement in steel, on terms satisfactory to both parties, would have had a significant effect throughout the economy. Secondly, the assumption "if there had been no steel strike in 1959" is obviously only one of an almost infinite series of "ifs" by which the history of strikes in the United States can be rewritten. For example, how would 1959, if there had been no steel strike, compare with 1958, if there had been no auto strikes?

Chart 2 takes account, in part at least, of the second point; there is no way of measuring, even roughly the influence of major stoppages on the entire collective bargaining scene.

For this chart, the yearly totals of workers and man-days of idleness for all stoppages (not only the major ones) for 3 specifically defined industries, as recorded each year by the Bureau of Labor Statistics, were combined. Basic steel is represented by blast furnaces, steel works, and rolling and finishing mills; automobiles by motor vehicles and motor-vehicle equipment; bituminous coal stoppage.⁶ An 80-day injunction sent the longshoremen back to work on the 8th day of the strike; steelworkers were ordered to return to work on the 116th day of their strike. In both instances, the disputes were settled before the expiration of the 80-day injunctions. (Chronologies of important developments in the steel and longshore stoppages are presented in appendices B and C, respectively.)

Size of Stoppages

Of the 3, 708 stoppages in 1959, 245 (including the steel strike), or 6.6 percent, involved 1,000 or more workers (table 10). In absolute and relative terms, this reflected a significant decline in the number of large stoppages compared with 1958 (332 stoppages, or 9.1 percent). The 245 stoppages involving 1,000 workers or more recorded for 1959 represented the smallest number in this category since 1948 and only slightly more than half of the postwar high reached in 1952, a year noted for a 59-day steel strike.

Twenty stoppages involved 10,000 or more workers in 1959, as against 21 in 1958, and 13 in 1957 (tables 2 and 12). Leading the 20 in numbers of workers involved was the steel strike (519,000), followed by the East and Gulf Coast longshore stoppage (52,000). The remaining 18 fell within the range of 10,000 to 25,000 workers. Altogether, these 20 stoppages accounted for 45 percent of the total number of workers involved in 1959 stoppages and, with the steel strike contributing the bulk, almost three-fourths of strike idleness.

Stoppages involving 6 but fewer than 20 workers continued to account for a substantial proportion of all stoppages (17.8 percent) but less than one-half of 1 percent of total workers involved and man-days of idleness.⁷ Another 39 percent of all stoppages involved 20 but fewer than 100 workers (table 10). The prevalence of small stoppages has not changed materially in recent years. Approximately one out of four stoppages involved two or more establishments, a proportion that has not changed significantly in more than a decade (table 11). Eleven or more establishments were involved in 277 stoppages, accounting for 54 percent of the workers involved in all stoppages. Corresponding figures for 1958 were 308 stoppages affecting 49 percent of the workers. Roughly 1 out of 10 multiestablishment stoppages (2 or more establishments) crossed State lines.

Duration

The duration of work stoppages increased significantly during 1959. Whether or not the long steel strike influenced the duration of other stoppages, it was, at any rate, symptomatic of a general lengthening of strikes. Since a substantial increase in strike durations may reflect significant changes in the climate or structure of labor-management relations, it seems appropriate to examine the evidence in more than the usual detail.

The average duration of stoppages (in calendar days), in the computation of which the steel strike received no more weight than any other stoppage, amounted to 24.6 days in 1959 (table 1). This was approximately 5 days longer than the 1958 and 1957 averages, and the highest yearly average since 1947. Eliminating the days when work would normally not have been scheduled, and reflecting the magnitude of the man-days of idleness attributed to the steel strike, workers involved in 1959 stoppages were idled for an average of 36.7 days, the highest average in more than 30 years. Even if the 1959 steel strike were omitted, the average number of days of idleness per worker involved (approximately 20) would exceed the levels of all postwar years except 1946.

As shown in table 13, 466 stoppages lasted for 1 month but less than 2 months; 211, for 2 months but less than 3 months; and 221, for 3 months or more. These 898 stoppages amounted to 24 percent of the total number of stoppages. In absolute numbers, there were more long stoppages in 1946, 1947, 1952, and 1953, and almost as many in 1950, but as a proportion of all stoppages, the 1959 figure exceeded all years after 1947, as shown in the following column.

The 221 stoppages in 1959 that lasted 3 months or longer not only represented a high point in the years after 1946, but the total was particularly significant in comparison, with recent years. For example, there were 133 stoppages of that duration in 1958, 124 in 1957, 132 in 1956, and 137 in 1955.

		Number of stoppages lasting 1 month or more	Percent of all stoppages
1946	*************	1,209	24.2
1947		964	25.6
1948		777	22.9
1949		773	21.5
1950		879	18.3
1951		735	15.4
1952		976	19.2
1953		1,045	20.5
1954		759	21.6
1955		768	17.8
1956		698	18.3
1957		723	19.7
1958		735	20.2
1959		898	24.0

Long durations were more prevalent among large than among small strikes. Eighty-one, or a third of the stoppages involving 1,000 or more workers, lasted for a month or more. In contrast, in each of the smaller size intervals shown in table 10, the proportion of stoppages lasting for a month or more was approximately at or slightly below the proportion for all stoppages (24 percent). Of particular note is the fact that more than half of the 20 major stoppages (described in table 12) lasted for a month or more and 4 lasted for 3 or more months. In the latter category were the steel strike, the three-State bituminous coal stoppage, the New York bakery strike, and the Kennecott Copper strike (the only one of the nonferrous metal mining stoppages to involve 10,000 or more workers).

A higher proportion of the stoppages in manufacturing (31 percent) than in nonmanufacturing industries (18 percent) lasted for a month or longer. Of the 21 industry groups in which 50 or more stoppages were recorded in 1959 (table 5), the following 8 had at least 30 percent of its stoppages last for a month or more: Printing and publishing, machinery (except electrical), chemicals, lumber, electrical machinery, fabricated metal products, wholesale and retail trade, and transportation equipment.

Approximately 38 percent of the year's stoppages that lasted for a full day or shift or more were settled within a week.⁸ These stoppages affected slightly more than a fifth of the workers involved in all stoppages, and

⁸ Stoppages lasting for less than a full day or shift are not accounted for in these statistics.

accounted for only 1.4 percent of the total man-days of idleness. Both the number of workers involved and man-days of idleness were below 1958 levels (table 13).

Major Issues

Disagreement over economic termswages, hours, and supplementary benefitswas the principal issue in half of 1959 stoppages, reflecting no change in relative importance over 1958 (table 4) and little change over the preceding 4 years. About three out of five stoppages affecting 1,000 or more workers and most of the major stoppages identified in table 12, including steel, were in this category, although other issues (as in the steel stoppage)⁹ also were prominent in many stoppages.

Union recognition or other matters involving the security of the union was a major issue in 664 stoppages; in over half of these, economic issues were also important. Although the union organization stoppage was more frequent in 1959 than in 1958, the level continued low by postwar experience.

The number of stoppages in which a dispute over work rules and other working conditions was the only or major issue declined from 876 in 1958 to 761 in 1959. Of these, 78 involved 1,000 or more workers (about 1 out of 3 stoppages of this magnitude). In terms of number of stoppages and workers involved, the 1959 record in this issue category was relatively low by postwar standards. However, the prominence of this type of issue in other stoppages must also be taken into account.

Stoppages caused by interunion or intraunion issues, mainly jurisdictional disputes, continued to increase in number, whereas the number of workers involved declined. The 350 stoppages recorded in this category in 1959 was the highest number reached in the postwar period. On the other hand, fewer workers were involved (32,000) than in any other year, with the exception of 1947.

Stoppages involving union organization issues tended to last longer than other types, followed by economic issues, as shown in the following column.

Approximately 60 percent of the stoppages involving other working conditions, and 53 percent of the stoppages over interunion

	All stoppages ending in 1959	Stoppages lasting 1 month or longer		
Issue	Number	Number	Percent	
All stoppages	3,747	898	24	
Wages, hours, and supple- mentary benefits	1,888	515	27	
Union organization, wages, hours, and supplementary				
benefits	368	141	38	
Union organization	319	91	38 29	
Other working conditions	758	111	15	
Interunion or intraunion	353	31	9	
Not reported		<u></u>	9 15	
Not reported	01		- /	

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matters, were settled within a week.¹⁰ The ratio for all stoppages was approximately 38 percent (table 13).

Industries Affected

Continuing a differential prevailing since 1949 (except for 1954), all measures of strike activity were higher for manufacturing than for nonmanufacturing industries (table 5). The number of stoppages in manufacturing was up slightly over the 1958 level, but the number of workers involved was down by more than 200,000 despite the steel strike. However. man-days of idleness, at 55.5 million, was second only to the 1946 peak. In nonmanufacturing, the number of stoppages was at a postwar low; the number of workers involved increased slightly over 1958, but was still at a relatively low postwar level; but man-days of idleness, reflecting a sharp increase in lost time in mining, reached its highest level since 1952.

In addition to the basic steel industry, the steel strike directly involved substantial numbers of workers and man-days of idleness in mining (iron and bituminous coal) and fabricated metal products (particularly structural steel), and adesser numbers in transportation (water), inonelectrical machinery, furniture (metal) and trade (see appendix table B-1), Despite the long steel shutdown, the number of stoppages in primary metal industries increased by approximately 40 percent over the 1958 level. Strike

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10 Note should be taken particularly with regard to these detegories, that stoppages lasting for lase day or full shift are omitted from this data is

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activity in the transportation equipment industry was substantially below 1958 (marked by large automobile stoppages); the number of workers involved in 1959 strikes reached a postwar low, while the level of strike idleness was lower than all postwar years except 1954 and 1957. With major stoppages in three of the four large tire companies, the rubber products industry recorded a new postwar high for man-days of idleness. With a long stoppage at Swift and Co., man-days of idleness also increased substantially in food industries, reaching the highest level since 1948. The number of workers and man-days of idleness in textile stoppages were substantially higher than 1958 levels. On the other hand, the apparel industry, which experi-enced a long dress strike in 1958, recorded a marked decline in number of workers and man-days of idleness.

Among nonmanufacturing industries, mandays of idleness in mining, reflecting the long stoppages in iron, coal, and copper mining, reached its highest mark since 1950. All measures of strike activity in construction were lower than in 1958, but wholesale and retail trade, with large New York and Los Angeles strikes, saw an increase in workers involved and man-days idle over 1958 levels.

Stoppages by Location

<u>Regions.</u>—Man-days of idleness rose in 1959 in all regions, particularly in those affected by the steel strike (table 6 and appendix table B-2). The Mountain States had the largest relative increase (not primarily due to the steel strike) where idleness as a percentage of estimated working time rose from 0.19 percent in 1958 to 1.32 percent in 1959. Other significant regional changes include a substantial decline in workers involved in the East North Central region (1958 auto strikes involved more workers than the 1959 steel strike) and a more than 50 percent increase in workers involved in the East South Central region.

<u>States.</u>—The steel strike involved workers in 32 States (appendix table B-2). More than 10,000 workers and more than a million man-days of idleness were attributed to the following 10 States: Alabama, California, Illinois, Indiana, Maryland, Michigan, Minnesota, New York, Ohio, and Pennsylvania. The latter two were most largely affected—161,000 workers in Pennsylvania and 87,800 in Ohio.

Leading the States in number of stoppages were New York (470), Pennsylvania (454), Ohio (391), California (260), New Jersey (249), and Illinois (231) (table 7). In all of these States except New Jersey, more than 100,000 workers were involved in stoppages. In addition, Indiana had more than 100,000 workers affected. The highest manday losses were registered in Pennsylvania, Ohio, and Indiana, but in terms of man-days as a percentage of all working time in nonagricultural employment, Montana (2.47 percent), Utah (2.37), and Arizona (2.33) led all others.

Metropolitan Areas. —More than 100 stoppages were recorded for five metropolitan areas—Chicago, Los Angeles—Long Beach, New York—Northeastern New Jersey (high with 460 stoppages), Philadelphia, and Pittsburgh (table 8). In three of these areas—Chicago, New York, and Pittsburgh—the number of workers involved exceeded 100,000. In addition to these major areas, man-days of idleness were at high levels in areas affected by the steel stoppage.

More than 5,000 workers were involved in the steel stoppage in each of 19 metropolitan areas (appendix table B-3). Most strongly affected were Pittsburgh (92,900 workers), Chicago (82,000), and Youngstown, Ohio (43,000).

Monthly Trends

For each of the first 7 months of 1959, the number of stoppages was substantially higher than in the corresponding month of 1958; for the remaining 5 months, the number was lower (table 3). On the other hand, the monthly pattern of strike activity for 1959, measured in terms of new stoppages, closely resembled that for 1957. Hence, there is no evidence in these data that the steel stoppage had an appreciable impact on the volume of strike activity.

There is evidence, however, that stoppages tended to be longer in the second half of 1959 than in the first half (the steel strike began in mid-July). For stoppages involving fewer than 1,000 workers, the number of days of idleness per worker was about 50 percent higher in the second half than in the first half of the year. Among larger stoppages (excluding steel), a similar, but smaller, difference was also noted.

The seasonal influences implicit in the monthly changes in the number of stoppages were also reflected in the frequency of larger stoppages. The following tabulation shows the number of new stoppages affecting more than 1,000 workers, by month, for 1959:

January-	14
February	13
March	21
April	21
May	35
June	
July	
August	
SeptemberOctober	16
October	14
November	
December	6

As previously noted, the total number of stoppages affecting 1,000 or more workers was exceptionally low in 1959.

Unions Involved

As in 1958, approximately three-fourths of the stoppages involved affiliates of the AFL-CIO (table 9). Despite the steel strike, there was a decline in the number of AFL-CIO members on strike; on the other hand, workers involved in stoppages of unaffiliated unions (e.g., the United Mine Workers, the Teamsters, and the Mine, Mill and Smelter Workers) was higher in 1959 than in 1958. Although man-days of idleness in unaffiliated union stoppages almost doubled, idleness in AFL-CIO stoppages, accounting for 90 percent of the total, was about three times higher than in 1958, the difference being attributable to the steel stoppage.

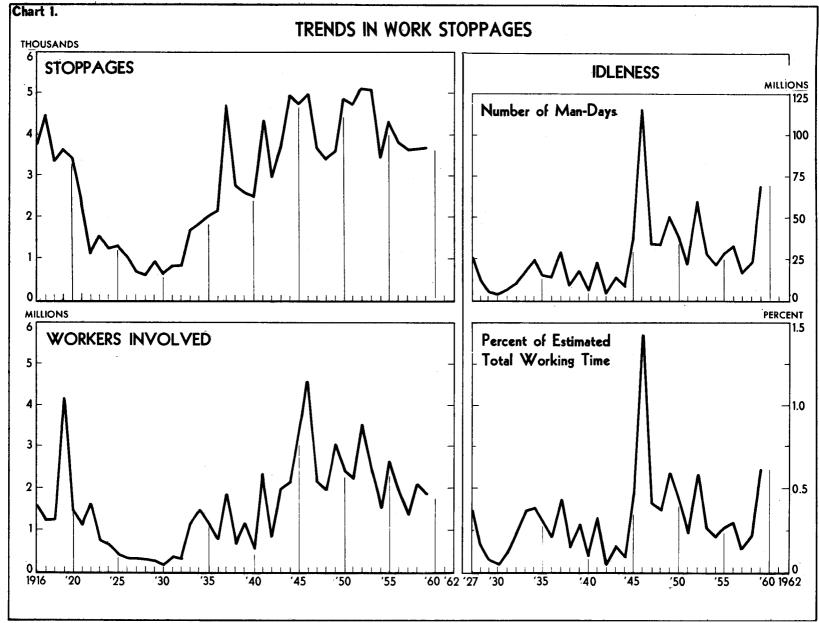
Methods of Terminating Stoppages

The steel and longshore stoppages, ended by Taft-Hartley injunctions, were but 2 of 514 stoppages terminated in 1959 without **a** formal settlement (table 14). In 1, 392, or almost half of the stoppages resulting in a settlement, the assistance of Federal or State mediators was reported by the parties. Aid of non-Government mediators or agencies was indicated in 173 stoppages, reflecting a small but continued growth in private mediation.

Disposition of Issues¹¹

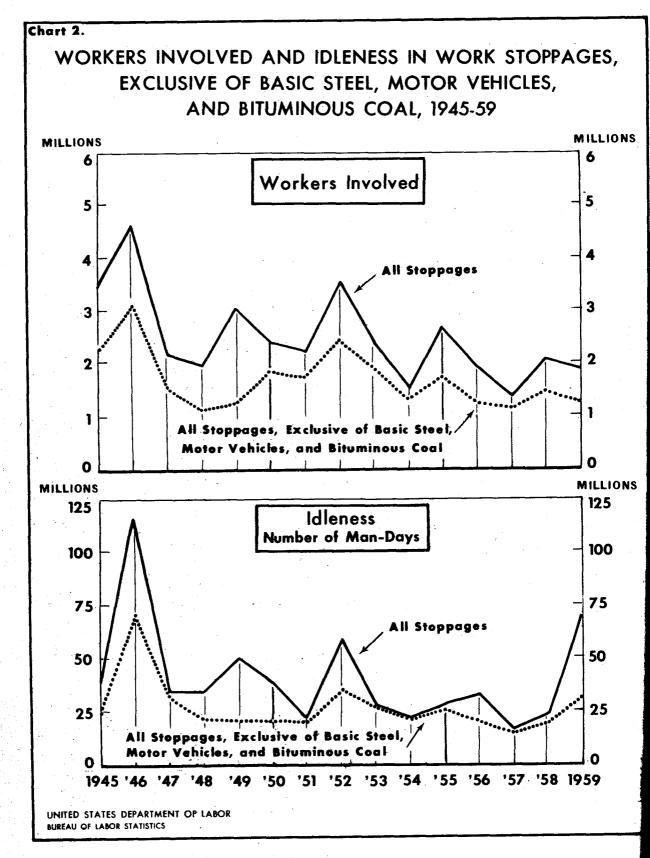
The settlements that ended 318 stoppages, but which did not resolve all important issues, included agreement between the parties on a method of disposing of these issues after the resumption of work. Direct negotiation was the principal method. Arbitration was agreed upon in 70 situations, reflecting no appreciable change in the prevalence of this use of arbitration as compared with 1958 but somewhat less than in earlier years.

¹¹ Since the steel and longshore stoppages were ended without settlements, they were included, for purposes of table 15, in the category of stoppages with "issues settled or disposed of at termination of stoppage." Although the wording of this phrase does not quite fit stoppages ended by injunction, the inclusion of steel and longshore stoppages in this category conforms to previous Bureau practice. The purpose of this table is to spotlight methods by which employers and unions may terminate stoppages by agreement, without necessarily settling all issues in dispute.



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	Work stoppages		Workers involved ²		Man-days idle during year		
Year	Number	Average duration (calendar days) ³	Number (thousands)	Percent of total employed	Number (thousands)	Percent of estimated working time of all workers	Per worker involved
1927 1928 1929 1930	707	26.5	330	1.4	26,200	0.37	79.5
	604	27.6	314	1.3	12,600	.17	40.2
	921	22.6	289	1.2	5,350	.07	18.5
	637	22.3	183	.8	3,320	.05	18.1
1931 1932 1933 1934 1935	810	18.8	342	1.6	6,890	.11	20.2
	841	19.6	324	1.8	10,500	.23	32.4
	1,695	16.9	1,170	6.3	16,900	.36	14.4
	1,856	19.5	1,470	7.2	19,600	.38	13.4
	2,014	23.8	1,120	5.2	15,500	.29	13.8
1936 1937 1938 1939 1940	2,172	23.3	789	3.1	13,900	.21	17.6
	4,740	20.3	1,860	7.2	28,400	.43	15.3
	2,772	23.6	688	2.8	9,150	.15	13.3
	2,613	23.4	1,170	4.7	17,800	.28	15.2
	2,508	20.9	577	2.3	6,700	.10	11.6
1941 1942 1943 1944 1945	4,288	18.3	2,360	8.4	23,000	.32	9.8
	2,968	11.7	840	2.8	4,180	.05	5.0
	3,752	5.0	1,980	6.9	13,500	.15	6.8
	4,956	5.6	2,120	7.0	8,720	.09	4.1
	4,750	9.9	3,470	12.2	38,000	.47	11.0
1946 1947 1948 1949 1950	4,985	24.2	4,600	14.5	116,000	1.43	25.2
	3,693	25.6	2,170	6.5	34,600	.41	15.9
	3,419	21.8	1,960	5.5	34,100	.37	17.4
	3,606	22.5	3,030	9.0	50,500	.59	16.7
	4,843	19.2	2,410	6.9	38,800	.44	16.1
1951 1952 1953 1954 1955	4,737	17.4	2,220	5.5	22,900	.23	10.3
	5,117	19.6	3,540	8.8	59,100	.57	16.7
	5,091	20.3	2,400	5.6	28,300	.26	11.8
	3,468	22.5	1,530	3.7	22,600	.21	14.7
	4,320	18.5	2,650	6.2	28,200	.26	10.7
1956 1957 1958 1959	3,825	18.9	1,900	4.3	33,100	. 29	17.4
	3,673	19.2	1,390	3.1	16,500	. 14	11.4
	3,694	19.7	2,060	4.8	23,900	. 22	11.6
	3,708	24.6	1,880	4.3	69,000	. 61	36.7

TABLE 1. WORK STOPPAGES IN THE UNITED STATES, 1927-591

¹ The number of stoppages and workers relate to those beginning in the year; average duration, to those ending in the year. Man-days of idleness include all stoppages in effect. Available information for earlier periods appears in the Handbook of Labor Statistics (BLS Bull. 1016), table E-2. For a discussion of the procedures involved in the collection and compilation of work stoppage statistics, see Techniques of Preparing Major BLS Statistical Series (BLS Bull. 1168), ch. 12. ³ Workers are counted more than once if they were involved in more than 1 stoppage during the year. ³ Finures are simple averages: each stoppage are given equal weight regardless of its size.

³ Figures are simple averages; each stoppage is given equal weight regardless of its size.

		Stoppages invol	ving 10,000 or n	nore workers	
Period		Workers	involved	Man-da	uys idle
	Number	Number (thousands)	Percent of total for period	Number (thousands) ¹	Percent of total for period
1935-39 average 1947-49 average 1945 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959	11 18 42 31 15 20 18 22 19 35 28 18 28 18 26 12 13 21 20	365 1,270 1,350 2,920 1,030 870 1,920 738 457 1,690 650 437 1,210 758 283 823 823 845	32.4 53.4 38.9 63.6 47.5 44.5 63.2 30.7 20.6 47.8 27.1 28.5 45.6 39.9 20.4 40.0 45.0	$\begin{array}{c} 5, 290\\ 23, 800\\ 19, 300\\ 66, 400\\ 17, 700\\ 18, 900\\ 34, 900\\ 21, 700\\ 5, 680\\ 36, 900\\ 7, 270\\ 7, 520\\ 12, 300\\ 19, 600\\ 3, 050\\ 10, 600\\ 50, 800\\ \end{array}$	31.2 59.9 50.7 57.2 51.2 55.3 69.0 24.8 62.6 25.7 33.3 43.4 59.1 18.5 44.2 73.7
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TABLE 2. WORK STOPPAGES INVOLVING 10,000 OR MORE WORKERS, SELECTED PERIODS

¹ Includes idleness in stoppages beginning in earlier years.

	Number of	f stoppages	Workers	involved in a	Man-days idle		
				In effect du	ring month	during month	
Month	Beginning in month	In effect during month	Beginning in month (thousands)	Number (thousands)	Percent of total employed	Number (thousands)	Percent of estimated total working time
1958							
January February March April June July August October November December December 1959	208 159 293 360 374 399 403 471 391 305 136	307 262 309 411 552 596 638 712 637 497 357	83 36 159 82 156 156 159 162 324 463 224 58	98 52 182 200 247 238 288 414 531 296 169	0.23 .12 .43 .29 .48 .58 .56 .67 .96 1.23 .68 .39	595 404 1,240 1,100 1,940 1,850 2,160 2,160 2,400 5,420 2,210 2,430	0.06 .05 .14 .12 .22 .21 .23 .24 .26 .55 .27 .25
January February March April May June June July September October November December	217 206 305 406 442 460 420 380 322 277 161 112	378 347 462 593 688 722 681 636 624 548 402 285	76 74 103 149 167 183 668 161 109 125 41 23	168 130 159 233 294 330 787 757 781 775 652 101	. 39 . 31 . 54 . 67 . 74 1. 78 1. 71 1. 76 1. 75 1. 47 . 22	1,800 1,360 1,270 2,380 3,010 2,890 9,230 13,400 13,800 14,100 4,300 1,430	. 20 . 16 . 13 . 25 . 33 . 29 . 95 1. 44 1. 48 1. 45 . 48 . 14

TABLE 3. WORK STOPPAGES BY MONTH, 1958-59

	S	toppages beg	inning in 1959		Man-days idle		
Major issues		Demount	Workers	involved	during 1959 (all stoppages)		
Major issues	Number	Percent of total	Number	Percent of total	Number	Percent of total	
All issues	3,708	100. 0	1, 880, 000	100.0	69, 000, 000	100. (
Wages, hours, and supplementary							
benefits	1, 872	50.5	1, 320, 000	70.5	61,200,000	88.6	
Wage increase ¹	1,209	32.6	924,000	49.2	49, 100, 000	71.1	
Wage decrease	14	.4	1,650	.1	86,100		
Wage increase, hour decrease	51	1.4	33,600	1.8	695,000	1.0	
Wage decrease, hour increase	2	.1	2,510	. 1	44,300	. 1	
Wage increase, pension, and/or					,	• -	
social insurance benefits	280	7.6	167,000	8.9	7,030,000	10.2	
Pension and/or social insurance			, -	···•			
benefits	27	.7	63,200	3.4	1, 880, 000	2.7	
Other ²	289	7.8	134, 000	7.1	2, 390, 000	3.5	
nion organization, wages, hours,							
and supplementary benefits	361	9.7	95, 500	5.1	2,470,000	3.6	
Recognition, wages, and/or		l i					
hours	261	7.0	17,900	1.0	411,000	. 6	
Strengthening bargaining position,							
wages, and/or hours	17	.5	2,280	. 1	39,000	. 1	
Union security, wages, and/or hours	83	2.2	75,300	4.0	2,020,000	2.9	
	303		50 400		1 700 000		
nion organization	505	8.2	58,400	3.1	1,700,000	2.5	
Recognition	204	5.5	14, 100	. 8	251,000	. 4	
Strengthening bargaining position	19	. 5	25, 100	1.3	1, 190, 000	1.7	
Union security	55	1.5	11, 800	. 6	226,000	.3	
Discrimination	5	.1	2,560	.1	5, 140	(3)	
Other	20	.5	4,880	.3	27,000	$\binom{3}{(3)}$	
ther working conditions	761	20.5	362,000	19.3	3,400,000	4.9	
Job security	388	10.5	212,000	11.3	2,210,000	3.2	
Shop conditions and policies	324	8.7	134,000	7.1	908,000	3.2	
Workload	38	1.0	12,800	.7	224,000	.3	
Other	11	.3	2,790	.i	53,400	. 1	
terunion or intraunion matters	350	9.4	32,000	1.7	222,000	. 3	
Comment has	- 1	1		_		-	
Sympathy	53	1.4	8, 990	.5	64,600	. 1	
Union rivairy	38	1.0	5, 590	.3	42,400	. 1	
Sympathy Union rivalry ⁶ Jurisdiction ⁵ Union administration ⁶	257 2	6.9 .1	17,400 90	(³)	111,000 210	(³)	
ot reported	61	1.6	5,760	3	30, 500	(3)	

¹ This group includes the nationwide steel stoppage. In addition to the unions' demand for wage and/or fringe benefit increases, the issues in the steel strike also included company proposals for changes in working rules. ² Issues such as retroactivity, holidays, vacations, job classification, piece rates, incentive standards, or other related matters unaccompanied by proposals to effect general changes in wage rates are included in this category. Slightly less than a third of the stoppages in this group occurred over piece rates or incentive standards. ³ Less than 0.05 percent.

⁴ Includes disputes between unions of different affiliation such as those between unions affiliated with the AFL-CIO and nonaffiliates.

⁵ Includes disputes between unions of the same affiliation.

⁴ Includes disputes within a union over the administration of anion affairs or regulations.

		s beginning 1959	Man-days idle during 1959 (all stoppages)		
Industry group	Number	Workers involved	Number	Percent of estimated total working time ¹	
All industries	² 3,708	1,880,000	69,000,000	0.61	
Manufacturing	² 2,043	1,280,000	55,500,000	1.34	
Primary metal industries Fabricated metal products, except ordnance, machinery, and	236	575,000	39,000,000	13.77	
transportation equipment Ordnance and accessories Electrical machinery, equipment,	276 13	100,000 8,290	3,150,000 125,000	1.14 .34	
and supplies Machinery, except electrical Transportation equipment	96 217 108	48,100 82,700 76,500	820,000 2,820,000 1,390,000	.25 .68 .32	
Lumber and wood products, except furniture	58 101	14,100	210,000	. 12	
Stone, clay, and glass products Textile mill products Apparel and other finished products made	165 70	50,800 23,500	422,000 1,230,000 229,000	.43 .87 .09	
from fabrics and similar materials Leather and leather products Food and kindred products	122 38 169	19,100 5,570	253,000 53,300	.08	
Tobacco manufactures Paper and allied products	107 1 59 58	80,000 900 18,700	1,720,000 6,300 442,000	.45 .02 .30	
Printing, publishing, and allied industries Chemicals and allied products Petroleum refining and related industries Rubber and miscellaneous plastics	58 97 18	24,400 19,600 18,000	352,000 422,000 550,000	.15 .19 .92	
products Professional, scientific, and controlling	62	76,800	1,930,000	2.90	
instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries	26 68	8,680 11,300	158,000 179,000	. 18 . 14	
Nonmanufacturing	^a 1,672	600.000	13,500,000	3.19	
Agriculture, forestry, and fisheries Mining	10 187	2,230	65,700 5,650,000	(⁴) 3,26	
Contract construction Wholesale and retail trade Finance, insurance, and real estate	771 311 11	251,000 72,200 770	4,120,000 1,570,000 4,310	.58 .05 (⁴)	
Transportation, communication, electric, gas, and sanitary services Services	233 128	140,000 12,700	1,910,000	,19 (⁴)	
Government	25	2,050	10,500	(4)	

TABLE 5. WORK STOPPAGES BY INDUSTRY GROUP, 1959

¹ Man-days of employment in the primary metal industries 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 the fifteenth of each month. In July, employment in primary metals was 1,266,000 in the pay period ending the fifteenth, and was presumed to be 778,000 during the second half of the month. In November, employment was 1,196,000 in the pay period ending nearest the fifteenth, and was presumed to hold at this level in the last 3 weeks of the month, but was reduced by 476,000 in the first week of the month, during which time the steel strike was in progress.

If the percentage of time lost were calculated on the basis of ratio of time lost to time worked plus time lost, the percentages would have been 12.12 in primary metal industries and 1.33 in the manufacturing group. Stoppages extending into 2 or more industry groups have been counted in each industry group affected; workers involved and man-days idle were allocated to the respective groups.

³ Excludes government.

⁴ Not available.

Region	Stoppages beginning in		Workers involved in stoppages beginning in—		Man-days idle_ during (all stoppages)		Percent of estimated total working time	
	1959	1958	1959	1958	1959	1958	1959	1958
United States	² 3,708	² 3,694	1,880,000	2,060,000	69,000,000	23,900,000	0.61	0.22
New England Middle Atlantic East North Central West North Central East South Central West South Central Mountain Pacific ³	264 1,173 303 356 228 156 140 369	282 1,127 1,050 322 411 207 197 141 330	73,200 587,000 572,000 105,000 134,000 102,000 57,400 97,400 150,000	510,000 928,000 99,600 128,000 66,800	$1,460,000\\21,300,000\\23,000,000\\3,610,000\\4,200,000\\4,180,000\\1,860,000\\4,640,000\\4,740,000$	5,190,000 9,530,000 1,440,000 1,500,000 837,000 1,370,000 622,000	0.18 .82 .91 .42 .29 .76 .21 1.32 .38	0.11 .20 .39 .17 .11 .16 .16 .19 .21

TABLE 6. WORK STOPPAGES BY REGION,¹ 1959 and 1958

¹ The regions used in this study include: <u>New England</u>—Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; <u>Middle Atlantic</u>—New Jersey, New York, and Pennsylvania; <u>East North Central</u>—Illinois, Indiana, Michigan, Ohio, and Wisconsin; <u>West North Central</u>—Iowa, Kansas, Minnesota, <u>Missouri</u>, Nebraska, North Dakota, and South Dakota; <u>South Atlantic</u>—Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; <u>East South Central</u>—Alabama, Kentucky, Mississippi, and Tennessee; <u>West South Central</u>—Arkansas, Louisiana, Oklahoma, and Texas; <u>Mountain</u>—Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific—Alaska, California, Oregon, and Washington.

^a Stoppages extending across State lines have been counted in each State affected; workers involved and mandays idle were allocated among the States.

³ Data prior to 1959 excludes Alaska.

TABLE 7. WORK STOPPAGES BY STATE, 1959

	Stoppages in 19		Man-days 1959 (all s	idle during stoppages)
State	Number	Workers involved	Number	Percent of estimated total working time
United States	¹ 3, 708	1,880,000	69,000,000	0.61
Alabama	73	51,300	2,480,000	1.64
Alaska	10	4,900	262,000	(²)
Arizona	28	30,600	1,430,000	2.33
Arkansas	25	3,170	71,000	.09
California	260	102,000	3,340,000	.34
Colorado	30	22,400	750,000	.76
Connecticut	68	20,500	384,000	.18
Delaware	7	2,500	154,000	.45
District of Columbia	11	5,900	50,300	.07
Florida	99	27,100	276,000	.10
Georgia	22	3,660	112,000	.05
Idaho	17	3,420	22,400	.07
Illinois	231	112,000	4,390,000	.57
Indiana	153	117,000	5,620,000	1.83
Iowa	63	24,600	541,000	.38
Kansas	26	6,440	64,700	.05
Kentucky	83	30,200	1,220,000	.91
Louisiana	36	17,500	286,000	.17
Maine	19	1,280	12,500	.02
Maryland	38	38,300	2,440,000	1.30
Massachusetts	134	43,000	909,000	. 21
Michigan	172	83,500	2,680,000	. 53
Minnesota	73	39,100	1,870,000	. 94
Mississippi	12	1,900	17,100	. 02
Missouri	105	24,600	935,000	. 32
Montana	17	12,400	780,000	2.47
Nebraska	25	8,710	173,000	.23
Nevada	16	5,000	215,000	1.10
New Hampshire	14	1,250	14,900	.03
New Jersey	249	97,200	1,980,000	.44
New Mexico	12	5,280	212,000	.48
New York	470	158,000	4,520,000	.33
North Carolina	13	1,430	104,000	.04
North Dakota	8	1,200	8,720	.03
Ohio	391	238,000	9,630,000	1.40
Oklahoma	20	6,350	195,000	. 17
Oregon	41	9,060	230,000	. 22
Pennsylvania	454	332,000	14,800,000	1. 82
Rhode Island	20	5,430	112,000	. 18
South Carolina	9	1,460	23,300	. 01
South Dakota	3	430	13,200	.05
Tennessee	60	18,700	462,000	.24
Texas	75	30,400	1,310,000	.24
Utah	12	14,900	1,170,000	2.37
Vermont	9	1,640	25,000	.10
Virginia	53	15,000	113,000	.05
Washington	58	33,900	911,000	.55
West Virginia	104	38,600	924,000	.91
Wisconsin	61	20,900	699,000	.27
Wyoming	8	3,460	57,500	.32
·		1	1	1

¹ Stoppages extending across State lines have been counted in each State affected; workers involved and man days idle were allocated among the States. ² Not available.

					•		
	Stopp	ages	·····)	1	Stopp	ages	
			Man-days idle				Man-days idle
Metropolitan area	19		during 1959	Metropolitan area	19		during 1959
	Number		(all stoppages)		Number	workers	(all stoppages)
		involved				monveu	
Akron, Ohio	41	37,000	779,000	Lawrence, Mass.	6	900	4,500
Albany-Schenectady-		5,,	,,	Lima, Ohio	5	1,920	
Troy, N. Y	23	6,070	156,000	Lincoln, Nebr.	5	470	
Allentown-Bethlehem-		-		Little Rock-North			
Easton, Pa.	48	36, 300		Little Rock, Ark.	8	940	4,300
Atlanta, Ga	17	2, 220	85,600			13 000	775 000
Adda while Older N. T	5	260	2, 420	Lorain-Elyria, Ohio	9	12,000	775,000
Atlantic City, N.J Baltimore, Md	29	34,600		Los Angeles-Long Beach, Calif.	106	52,700	1,530,000
Bay City, Mich.	15	2,040		Louisville, Ky.	24	4,070	
Beaumont-Port		-,		Madison, Wis.	6	470	
Arthur, Tex.	6	5,750	147,000	-			}
Birmingham, Ala	30	27,400	1,590,000	Memphis, Tenn.	15	4,890	
				Miami, Fla.	29	5,300	
Boston, Mass.	57	13,800		Milwaukee, Wis.	25	12,900	498,000
Bridgeport, Conn.	20	8,250		Minneapolis-St.	38	16 100	358 000
Buffalo, N. Y.	49 21	32,200		Paul, Minn	50	16,100	358,000
Canton, Ohio Cedar Rapids, Iowa	8	5,090		Mobile, Ala.	11	3,490	17,500
ocdar Rapido, 10#4				Muncie, Ind.	7	560	
Charleston, W. Va.	8	1,190	32,700	Muskegon-Muskegon	}		
Charlotte, N. C.	5	260	8,470	Heights, Mich.	6	1,960	
Chattanooga, Tenn	10	460		Nashville, Tenn.	7	3, 380	30,000
Chicago, Ill.	104	121,000			_	1 200	04 (00
Cincinnati, Ohio	45	15,500	356,000	New Bedford, Mass	5	1,300	84,600
Cleveland, Ohio	59	42,700	1,990,000	New Britain- Bristol, Conn.	5	500	28,100
Columbus, Ohio	23	6,980		New Haven, Conn.	6	2,060	
Dallas, Tex.	13	1,680		New Orleans, La.	17	14,500	
Davenport, Iowa-Rock	1	-,				• 7	
Island-Moline, Ill.	13	1,870	86,700	New York-North-			
		}	1	eastern New Jersey	460	159,000	
Dayton, Ohio	15	2,680		Omaha, Nebr	13	7,690	
Decatur, Ill.	10	630		Paducah, Ky.	5	480	
Denver, Colo.	16	13,000		Pensacola, Fla.	5	980	13,600
Des Moines, Iowa Detroit, Mich	75	9,340 49,200		Peoria, Ill.	18	4, 590	151,000
Dettoit, Mich		47,200	1,000,000	Philadelphia, Pa.	131	71,000	
Dubuque, Iowa	6	630	8,920	Phoenix, Ariz.	13	11,200	
Duluth, Minn	ļ	ļ		Pittsburgh, Pa	132	151,000	8,040,000
Superior, Wis.	13	4,200		Portland, Oreg	20	4,250	126,000
Erie, Pa	6	1,160					
Evansville, Ind.	13	5,950	66,000	Providence, R.I.	15	4,280	
E-11 Discon Mana		1 940	60 000	Pueblo, Colo.	6	8,120	
Fall River, Mass Flint, Mich	9	1,860		Reading, Pa Richmond, Va	7	740	
Fort Wayne, Ind.	7	2,050		Rochester, N.Y.	15	1,860	
Fresno, Calif.	7	820					
Gadsden, Ala.	7	7,900		Rockford, Ill.	12	7,160	
				Sacramento, Calif.	11	980	
Galveston, Tex.	7	2,900	175,000	Saginaw, Mich.	9	1,510	16,300
Grand Rapids, Mich.	8	2,310		St. Louis, MoEast	88	26,400	519,000
Great Falls, Mont.		1,900	136,000	St. Louis, Ill.	00	20,400	519,000
Hamilton-Middletown, Ohio	6	2,090	14,700	Salt Lake City, Utah	6	7,430	656,000
0110	, v	2,070	11,100	San Bernardino-	Ů	1,150	
Harrisburg, Pa.	7	7,560	420,000	Riverside Ontario,	ļ		
Hartford, Conn	5	520		Calif	14	8,890	609,000
Houston, Tex.	24	8,620	382,000	San Diego, Calif	14	2,820	19,100
Huntington, W. Va.—	1	1				1	
Ashland, Ky	15	7,800	351,000	San Francisco-		0.0	045 000
Indiananatia Ind	37	6 400	150 000	Oakland, Calif.	75	30,400	
Indianapolis, Ind.	27	6,690 2,230		San Jose, Calif	20	1,110	
Jackson, Mich Jacksonville, Fla	13	660		Seattle, Wash.	20	9,250	
Johnstown, Pa.	6	14,600				1 ,, 200	1
Kalamazoo, Mich.	7	1,880				+	
	l	1		Sioux City, Iowa	9	2,930	
Kansas City, Mo.	29	8,990	453,000	South Bend, Ind.	12	10,600	
Kingston-Newburgh-			10.000	Springfield, Ill.	16	5,390	
Poughkeepsie, N.Y.		870	18,300	Springfield, Ohio	6	710	77,400
Knoxville, Tenn.	13	2,890		Springfield-Holyoke,	7	2,500	28,300
Lancaster, Pa		280	4,520	Mass	['	1 2,500	

TABLE 8. WORK STOPPAGES BY METROPOLITAN AREA, 1959¹

See footnote at end of table.

Metropolitan area	Stoppages beginning in 1959		Man-days idle during 1959	Metropolitan area	Stoppages beginning in 1959		Man-days idle during 1959
	Number	Workers involved	(all stoppages)		Number	Workers involved	(all stoppages)
Stamford-Norwalk,		1		Tulsa, Okla.	8	3,510	62,400
Conn.	6	1,360	11,900	Utica-Rome, N.Y.	11	3,500	40,600
Stockton, Calif.	6	450	14,300	Washington, D.C.	15	11,300	90,600
Syracuse, N.Y.	10	3,450	207,000				
Tacoma, Waşh Tampa-St. Petersburg,	7	1,800	118,000	Wheeling, W. Va Steubenville, Ohio	33	23, 200	1, 190, 000
Fla.	18	5,600	42, 400	Wilkes-Barre-		2 040	12 000
Terre Haute, Ind	9	2,990	98,600	Hazleton, Pa Wilmington, Del	24 9	2,040 2,570	
Toledo, Ohio	19	5,070	83, 300				
Topeka, Kans.	7	2.060		Worcester, Mass.	14	3.840	216,000
Trenton, N.J.	21	7, 790		York, Pa.	11	860	
Tucson, Ariz.	6	4,280		Youngstown, Ohio	65	68,500	

TABLE 8. WORK STOPPAGES BY METROFOLITAN AREA, 1959¹-Continued

The table includes data for each of the metropolitan areas that had 5 or more stoppages in 1959.

Some metropolitan areas include counties in more than 1 State, and hence, an area total may equal or exceed the total for the State in which the major city is located.

Stoppages in the mining and logging industries are excluded from this table.

Intermetropolitan area stoppages are counted separately in each area affected; the workers involved and man-days idle were allocated to the respective areas.

In 4 strikes, the Bureau could not secure the information necessary to make such allocations—3 stoppages in the construction industry involving approximately 15,000 workers in western Washington in May, about 900 workers in eastern Michigan in June, and 2,500 workers in 4 New England States in July, and a stoppage of about 2,000 barge line employees in States bordering the Mississippi and Ohio rivers in July.

		Stoppages be	ginning in 195	9	Man-day during	
Affiliation		Workers		nvolved	(all stoppages)	
Amiliation	Number of total		Number	Fercent of total	Number	Percent of total
Total	3,708	100.0	1,880,000	100.0	69,000,000	100.0
AFL-CIO Unaffiliated unions Single firm unions Different affiliations ^a No union involved Not reported	2,803 794 7 73 25 6	75.6 21.4 .2 2.0 .7 .2	1,560,000264,0003,35054,0001,410390	82.8 14.1 .2 2.9 .1 (¹)	62,400,000 4,760,000 25,900 1,810,000 7,180 3,230	90.4 6.9 (¹) 2.6 (¹) (¹)

¹ Less than 0.05 percent.

a Includes work stoppages involving unions of different affiliations—either 1 or more affiliated with AFL-CIO and 1 or more unaffiliated unions, or 2 or more unaffiliated unions.

-	Sto	oppages begi	nning in 1959		Man-day		
		Denne	Workers involved		during 1959 (all stoppages)		
Size of stoppage (number of workers involved)	Number	Percent of total	Number	Percent of total	Number	Percent of total	
All sizes	3,708	100.0	1,880,000	100.0	69,000,000	100.0	
6 and under 20 20 and under 100 100 and under 250 250 and under 500 500 and under 1,000 1,000 and under 5,000 2,000 and under 10,000 10,000 and over	660 1,443 728 380 252 207 18 20	17.8 38.9 19.6 10.2 6.8 5.6 .5 .5	7,550 69,200 115,000 130,000 175,000 418,000 118,000 845,000	0.4 3.7 6.1 9.3 22.3 6.3 45.0	$131,000\\1,290,000\\1,970,000\\1,930,000\\2,790,000\\8,140,000\\1,910,000\\50,800,000$	0.2 1.9 2.9 2.8 4.0 11.8 2.8 73.7	

TABLE 10. WORK STOPPAGES BY SIZE OF STOPPAGE, 1959

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

TABLE 11. WORK STOPPAGES BY NUMBER OF ESTABLISHMENTS INVOLVED, 1959

		Stoppages b	9	Man-days idle during 1959 (all stoppages)		
Number of			Workers			
establishments involved ¹	Number of total		Number	Percent of total	Number	Percent of total
Total	3,708	100.0	1,880,000	100.0	69,000,000	100.0
1 establishment 2 to 5 establishments 6 to 10 establishments 11 establishments or more 11 to 49 establishments 50 to 99 establishments 100 establishments or more Exact number not known ³ Not reported	2,822 457 137 277 155 20 30 72 15	76.1 12.3 3.7 7.5 4.2 5 .8 1.9 .4	550,000 195,000 99,200 1,020,000 130,000 73,300 709,000 108,000 14,600	29.3 10.4 5.3 54.3 6.9 3.9 37.7 5.7 .8	$\begin{array}{c} 7,680,000\\ 4,630,000\\ 3,170,000\\ 52,400,000\\ 3,150,000\\ 1,780,000\\ 45,900,000\\ 1,650,000\\ 1,090,000\\ \end{array}$	11.1 6.7 4.6 76.0 4.6 2.6 66.5 2.4 1.6

¹ An establishment is defined as a single physical location where business is conducted or where services or industrial operations are performed; for example, a factory, mill, store, mine, or farm. A stoppage may involve 1, 2, or more establishments of a single employer or it may involve different employers. ² Information available indicates more than 11 establishments involved in each of these stoppages.

Beginning date	Approxi- mate duration (calendar days) ¹	Establishment(s) and location	Union(s) involved ²	Approxi- mate number of workers involved ²	Major terms of settlement ³
January 1	28	Food employers council, Inc., Los Angeles County, Calif.	Retail Clerks International Association.	20,000	5-year agreement providing wage increases of 15 cents an hour effec- tive January 1, 1959 (in the Los Angeles area), and April 1959 (in other locations); 11^{1}_{2} cents in 1960; 7^{1}_{2} cents in 1961, 1962, and 1963; revisions in premium rates for night and Sunday work; unemployment and disability benefits plan established with company payment of 1 cent an hour effective January 1, 1960, and 1 cent January 1961, to provide 65 percent of straight-time earn- ings for eligible laid-off employees and 80 percent for disabled employ- ees (both benefits include State pay- ments); additional company payment of 0.5 cent an hour to pension fund effective January 1, 1961; semi- annual adjustment of pensions begin- ning July 1, 1959, based on percent of increase in Los Angeles BLS CPJ above November 1958 index, with no reduction below current benefit levels; effective January 1960, addi- tional $\frac{1}{2}$ cent an hour company pay- ment to welfare fund to extend cov- erage to disabled and retired em- ployees; 6 days ¹ paid sick leave a year effective January 1, 1960; com- panies to assume any increase in costs of medical benefit; supple- mental jury-duty pay.
February l	102	Wholesale and retail bakeries, New York City and Westchester County, New York.	American Bakery and Confectionery Workers' In- ternational Union; Bakery and Confec- tionery Workers' International Union of America; Retail Clerks International Association.	12, 000	Retail bakeries: 3-year contract providing wage increase of 50 cents to \$1.65 a day; minimum 50 cents a day increase in Manhattan bakeries and \$1 in others effective February 1, 1959; additional 25 cents to \$1 a day increase in minimum rates effective February 1, 1960; and additional increases up to \$1.50 effective February 1, 1961; uniform starting rates to be established by February 1, 1961; escalator clause providing 2-percent adjustment for each 2-percent change in New York City CPI effective February 1, 1961; time and one-half after 7 ¹ / ₂ -hour day extended to all shops; companies pay \$1 a day to pension fund (was 75 cents); 3 days' paid funeral leave; all shops to supply laundry (previ- ously in Manhattan shops only).
			غ		Wholesale bread shops: 3-year contract providing wage increases of 64 cents to \$3,27 a day effective February 1, 1959; additional in- creases to \$1.56 a day in minimum rates effective both February 1, 1960, and February 1, 1961; uni- form starting rates to be established by February 1, 1961; several clas-
					sifications established in local wholesale shops; escalator clause providing 2-percent adjustment for each 2-percent change in New York City CPI effective February 1, 1961; time and one-half after 35 hours a week and 7 hours a day by August 1,

Beginning date	Approxi- mate duration (calendar days) ¹	Establishment(s)	Union(s) involved ²	Approxi- mate number of workers involved ²	Major terms of settlement ³
February 1— Continued					1960, for bakers and by February 1, 1961, for miscellaneous employees in all shops; 3 weeks ^t vacation after 1 year (was 5) extended to miscel- laneous employees in local whole- sale shops; companies pay \$1 a day to pension fund (was 75 cents); all shops to supply laundry.
					Wholesale cake bakeries: 3-year contract providing wage increase of 50 cents to \$1.80 a day to employees above starting and below maximum rate effective February 1, 1959; ad- ditional increases up to \$1.80 a day in minimum rates effective Feb- ruary 1, 1960, and to \$1.95 effec- ruary 1, 1960, and to \$1.95 effec- ruary 1, 1961; packing foremen and assistants, mechanics, and helpers receive unspecified increase up to rate established February 1, 1961; escalator clause providing 2-percent adjustment for each 2-percent change in New York City CPI effective Feb- ruary 1, 1961; 10 cents night differ- ential (was 5 cents) effective Octo- ber 1, 1961; eighth paid holiday, Columbus Day; companies pay \$1 a day to pension fund (was 75 cents); 1 week's severance pay, including unemployment compensation, for each year's service (maximum 10) for employees laid off when plant location changes; 3 days' paid fu- neral leave.
February 2	84	Allis-Chalmers Manu- facturing Company, 7 States: Alabama, Illinois, Indiana, Iowa, Missouri, Pennsylvania, and Wisconsin.	United Auto- mobile Workers; United Steel- workers.	14,000	$2^{1}2$ -year agreement, supplemented by local agreements, providing wage-rate increases of $2^{1}2$ percent (minimum 6 cents an hour) retroactive to September 1, 1958; additional $2^{1}2$ percent (minimum 6 cents) annual improvement increase September 14, 1959, and October 3, 1960; up to 8 cents an hour increase to employees in higher labor grades; 15 cents of current 24 cents cost-of-living allowance incorporated into base rates and escalator clause continued; 14-cent night-shift differential (was 12 cents); fourth week vacation after 25 years; unemployment benefits improved to provide 65 percent of take-home pay plus 1 percent for each dependent up to a maximum of 30 weeks (was 65 percent for 26 weeks); \$50 per week maximum of 39 weeks (was 65 percent workweek and separation pay of 40 hours after 2 years to 1,200 hours after 30 years service for employees laid off at least 1 year; pension benefit increase from \$2.25 to \$2.50

	Approxi-			Approxi-	
Beginning date	mate duration (calendar days) ¹	Establishment(s) and location	Union(s) involved ²	mate number of workers involved ²	Major terms of settlement ³
February 2 Continued					present and future retirees; contri- bution to health and welfare benefits schedule revised to add 2 new wage brackets
March 9	(*)	Bituminous coal mines, 3 States: Kentucky, Tennessee, and West Virginia.	United Mine Workers.	18,000	Agreements concluded with the majority of companies by mid-July providing \$2 daily wage increase and health and welfare payments.
April 10	22	United States Rubber Co., 11 States: California, Connecticut, Illinois, Indiana, Massachusetts, Michigan, New Jersey, Ohio, Pennsylvania, Rhode Island, and Wisconsin.	United Rubber Workers.	25,000	2-year master agreement with 60-day wage reopening clause pro- viding continuation of company pay- ments of 3 cents an hour to unem- ployment fund with maximum weekly benefit increase to \$30 plus contin- uation of \$2 weekly for each de- pendent up to 4 for a maximum of 39 weeks; improvement of pensions and insurance agreement effective July 1, 1959, extended to July 1, 1964—pension plan funded; normal retirement at age 65 after 10 years with minimum pension benefits in- creased from \$1.80 to \$2.10 a month for each year's service up to 30, and to a minimum of \$2 a month for each year for employees re- tains option of pension computed on earnings in highest 120 consecutive months less one-half social security benefit; minimum \$100 per month disability pension benefit (was \$80); vesting at age 40 after 10 years with option of service award (severance pay) or deferred pension with bene- fits computed on service after age 30; survivor option; workmen ¹ s compensation supplemented up to \$30 weekly for men; other insurance improvements.
April 16	55	The B. F. Goodrich Co., 7 States: Alabama, California, New Jersey, Ohio, Oklahoma, Penn- sylvania, and Tennessee.	United Rubber Workers.	13,000	2-year master agreement pro- viding liberalized incentive system; continuation of company payment of 3 cents an hour to unemployment fund, with optional changes; im- provement of pension agreement and extension to July 1, 1964- \$2.40 monthly normal pension ben- efits (excluding social security) for each year's service prior to Janu- ary 1, 1959, and \$2.50 a month thereafter (former minimum, \$1.80 a month for each year up to 30 with benefits other than minimum re- duced by one-half social security benefit) company to pay difference if new benefit is less than under old formula; minimum of \$2.25 monthly for each year's service for employ- ees retired since 1949; early retire- ment at company option and disa- bility retirement at double the new

	Approxi-	1	r	Approxi-	
Beginning date	mate duration (calendar days) ¹	Establishments(s) and location	Union(s) involved ²	mate number of workers involved ²	Major terms of settlement ³
April 16— Continued					normal benefit reverting to normal pension at age 65 (disability retire- ment was minimum of \$80 or one- twelfth of 1 percent of total earn- ings reduced by one-half social se- curity disability benefits); upward adjustment for present retirees on early or disability retirement; im- proved insurance benefits for em- ployees and those retired at age 65 since 1949.
April 16	60	Firestone Tire and Rubber Co., 7 States: California, Indiana, Iowa, Massachusetts, Ohio, Pennsylvania, and Tennessee.	United Rubber Workers.	19,000	2-year master agreement pro- viding new method of computing clas- sified average earnings; improved holiday pay computation, vacation eligibility, supplemental jury-duty pay and funeral leave; improved um- employment plan; pension agreement extended to April 30, 1964, with im- provement in normal and disability pension similar to B. F. Goodrich; eligibility for normal pension bene- fits at age 65 after 10 years, vest- ing and survivor option added; \$27 a month minimum pension for 10 but less than 15 years' service; company payment of sick and accident benefit from first day of occupational injury and difference between workmen's compensation and insurance benefits beginning with second week; im- proved insurance including liberal- ized sick and accident benefits for employees over age 60.
May 11	24	Construction industry, Seattle and Tacoma, Washington, and western Washington.	Operating Engineers; International Brotherhood of Teamsters.	15,000	<u>Operating Engineers</u> : 2-year agreement providing across-the- board 30-cent hourly increase retro- active to June 1, 1959, and addi- tional 25 cents effective June 1, 1960; modified exclusive hiring hall clause.
		n an an Arrange			<u>Teamsters</u> : 2-year agreement providing 28 cents an hour increase retroactive to Junel, 1959; 2 ¹ / ₂ cents additional for the health and welfare plan, and an additional 25 cents ef- fective Junel, 1960; hiring hall pro- visions similar to Operating Engineers.
May 12	9	Construction industry, Washington, D.C. area.	International Hod Carriers', Build- ing and Common Laborers' Union Operating Engineers.		Operating Engineers: 2-year agreement providing immediate pay increase of 10 cents an hour; 8 cents an hour to be paid into a pension fund beginning November 1, 1959, 7-cent wage increase May 1, 1960; and 10 cents November 1, 1960; ad- ditional 5-cent hourly increase for bulldozer operators on May 1, 1960; hiring hall; joint labor-management committee to administer pension fund.
n Saint An Saint An Saint Saint	\$	•			<u>Laborers</u> : 2-year contract pro- viding immediate hourly increase of $12^{1}/_{2}$ cents; $7^{1}/_{2}$ cents on May1, 1960; 10 cents on November 1, 1960.

Deginning date	Approxi- mate duration (calendar days) ¹	Establishment(s) and location	Union(s) involved ²	Approxi- mate number of workers involved ²	Major terms of settlement ³
June 3	54	Construction industry, Statewide; Arizona.	Operating Engineers.	17,000	3-year contract providing a $7\frac{1}{2}$ -percent wage increase in each year $7\frac{1}{2}$ cents contribution to health and welfare funds.
June 15	43	The Great Atlantic and Pacific Tea Company, Greater New York City, Nassau, Suffolk, West- chester, and Rockland Counties, New York.	International Brotherhood of Teamsters.	14,000	2-year contract providing weekly wage increase of \$6 for men, \$3 for women; additional \$2 effective in 1960; double time for work on Sunday night; severance pay plan providing 1 week's pay for each 2 years' service to a maximum of 12 weeks, if department is elimi- nated or warehouse is moved or closed.
July l	1	Jones and Laughlin Steel Corporation, Aliquippa, Pennsylvania.	United Steel- workers.	13,000	Workers returned to work on or- der of union officials.
July 6	8	Construction industry, Denver, Colorado.	Brotherhood of Carpenters and Joiners.	10,000	2-year contract providing imme- diate wage increase of 16 cents an hour; 10 cents, July 1, 1960; 5 cents, January 1, 1961; union shop, upon certification of employees; rights to negotiate separate contracts with millwrights (responsible for moving and installing heavy machinery); and agreement that union may negotiate separate contracts with other em- ployers such as homebuilders.
July 15	116	Steel industry, Nationwide.	United Steel- workers.	519,000	Memorandum of agreement (Jan- uary 5, 1960) with 11 basic steel companies (production and mainte- nance employees). Wage increase deferred until December 1, 1960, to average 9.4 cents an hour in- cluding estimated effect on incen- tive pay (average 8.3 cents in hourly rates—7 cents general increase plus 0.2 cents increase in increments be- tween 31 job classes, with top job class receiving 13 cents); effective October 1, 1961, additional average 8.6 cents including estimated effect on incentive pay (average 7.6 cents increase in hourly rates—7 cents general increase plus 0.1 cent in- crease in increments between job classes, with top class receiving 10 cents); escalator clause revised to retain current 17 cents cost-of- living allowance, provide two cost- of-living reviews and limit maxi- mum additional adjustment to 6 cents effective October 1, 1961, of which maximum 3 centa cost-of-living ad- justment effective December1, 1960, to be reduced by 0.1 cent for each fall 18 cents increase in insurance cost over base average monthly net insurance cost of \$20.16 per em- ployee; minimum \$2.50 a month pension for each year's service prior to January 1, 1960, and \$2.60 a month for service prior to Novem- ber 1, 1957, and \$2.50 thereafter for a maximum of 35 years (was \$2.40 a month for service prior to Novem- ber 1, 1957, and \$2.50 thereafter for a maximum of 36 years) or ad- ditional \$5 a month for future re- tirees when applying alternate

See footnotes at end of table.

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Beginning date	Approxi- mate duration (calendar days) ¹	Establishment(s)	Union(s) involved ²	Approxi- mate number of workers involved ²	Major terms of settlement ³
July 15— Continued					1-percent formula in computing pension benefits; 13 weeks ¹ vaca- tion pay (less vacation pay during year) on retirement with regular pension beginning fourth month; early retirement (by mutual agree- ment) at full benefit at age 60 after 15 years' service (was at reduced benefits), or at age 55 after 20 years' service if terminated by reason of permanent shutdown, layoff, or sickness resulting in break in serv- ice provided employee has attained age 53 and 18 years' service on date he ceases work; \$100 a month fu- ture minimum disability benefit (was \$90; companies also increased existing pensions by \$5 a month companies to assume full cost of insurance program (was 50-50 con- tribution) and program improvement to provide \$4,000 to \$6,500 life in- surance (was \$3,500 to \$6,000 a most companies), life insurance re- tained during first 2 years of lay off with employee paying 60 centr per \$1,000 after first 6 months \$53 to \$68 weekly sick and acci- dent benefit (was \$42 to \$57 at mos companies), and 6-month retention of hospital, surgical, and related coverages for laid-off employeer with 2 years' service; higher exist ing benefits continued for employ- ees already on payroll at Alleghen Ludlun, Armco, Inland, and Wheel- ing, and existing hospital and sur- gical unemployment program at In- land continued for all employees previous plan extended with com- panies paying 3 cents cash and 2 cents contingent liability (the con tingent liability which had been can celed in accordance with prio agreement was restored).
August 3	⁵ 45	Construction industry, southern Illinois.	International Hod Carriers, Building and Common La- borers Union.	24,000	2-year agreement with Southern Illinois Contractors Association providing retention of hiring hal and 15 cents an hour increase August 1, 1959, and August 1, 1960 1-year agreement with the Southern Illinois Builders Association pro- viding retention of hiring hall.
August 10	(*)	Kennecott Copper Cor- poration, 4 States: Arizona, Nevada, New Mexico, and Utah.	International Union of Mine, Mill and Smelter Workers; United Steel- workers. ⁷	11,000	18-month agreement reached with Mine, Mill and Smelter Worker providing 7 cents to 10.6 cents (av erage 8.5 cents) including 7 cent general wage increase plus average 1.5 cents for increase in increment effective July 1, 1960; additiona increase in Arizona and New Mexico effective 1959 and 1960 to reduce Southwest difference; double time after 12 hours ¹ work (was afte 16 hours) seventh paid holiday double time and one-half for holiday work (was double time) \$100 sev- erance pay for each year's servici if layoff is due to permanent plan or department shutdown, automa tion, or technological change; \$15

	Approxi-		T	Approxi-	
Beginning date	mate duration (calendar days) ¹	Establishment(s) and location	Union(s) involved ²	mate number of workers involved ²	Major terms of settlement ³
August 10— Continued					day hospitalization for employeer and dependents (was \$13); \$300 sup- plemental accident benefits extender to dependents; jury-duty pay; "pack- age" estimated at 22.3 cents. 20-month agreement with United Steelworkers providing average 8.7 cents anhour, (union estimate)- includes 7 cents general increase plus average 1.7 cents increase in increments between job classes; ad ditional average 8.7 cents effective August 1, 1960; additional 0.6 centri increase in rates at Arizona location to reduce geographical differen- tial, effective both November 1955 and August 1960; double time after 12-hour shift; double time and one- half for holiday work extended t Ray and Hayden, Ariz. (was dou ble time); seventh paid holiday ef- fective 1960; establishment of sev- erance pay progression; improve- insurance; jury-duty pay extended to Ray and Hayden, Ariz., units
August 24	⁸ 59	Pacific Coast Shipyards, 3 States: California, Oregon, and Washington.	International Association of Machinists; United Brother- hood of Carpen- ters and Joiners; Pacific Coast Metal Trades Council.	10,000	union estimate 22. 3 cents package 3-year agreement providin 10 cents an hour increase, includ ing 8 cents retroactive to July 1 1959; additional 8 cents effectiv July 1, 1960, and 9 cents effectiv July 1, 1961; first-class mechanics rate increased to \$2.83; 9 cents a hour toward pay for holidays (wa 7 cents) effective November 1, 1961 companies to pay 5 cents to pensio or severance pay fund effectiv April 1, 1960, and increase t 10 cents effective April 1, 1961
September 4	51	Swift and Company, 31 States.	Amalgamated Meat Cutters and Butcher Workmen; United Pack- inghouse Workers.	18,000	2-year contract providin 8 ⁴ / ₂ cents and hour increase effec- tive September 1, 1959, includin 2 cents advance cost-of-living ad- justment—14 cents current cost- of-living allowance incorporated in to base rates and escalator clause continued with automatic adjust- ment only if CPI rises enough to off- set the 2-cent advance; additiona 6 ⁴ / ₂ cents effective September 1 1960; 25 percent Saturday and 50 percent Sunday premium on com- tinuous shifts (were 15 percent and 30 percent, respectively); 12 cents- night differential (was 10 cents) full day's premium for ¹ / ₂ day ¹ / ₃ work in freezer; revised holida; provisions including Monday or Fri- day observance of Veterans Day of Washington's Birthday; improver- vacation eligibility and 3 weeks'va- cation after 10 years (was 15) effec- tive December 31, 1959; improver- hospital and medical benefits and severance pay provisions and other benefits. Master agreement cover- both northern and southern plants differences were only in 'the wag increases which reestablished or-

See footnotes at end of table.

Beginning date	Approxi- mate duration (calendar days) ¹	Establishment(s) and location	Union(s) involved ²	Approxi- mate number of workers involved ²	Major terms of settlement ³
September 4 Continued					Plants in Georgia, Florida, Ala- bama, Mississippi, and Louisiana received increase of 5 cents, addi- tional $3\frac{1}{2}$ cents effective Septem- ber 1, 1960; Nashville, Tenn., plant received $3\frac{1}{2}$ cents increase, no in- crease in 1960.
October 1	98	Longshoring industry, East and Gulf Coast ports.	International Longshore- men's Association.	52,000	Memorandum of settlement on a new 3-year contract with New York Shipping Association (December 1, 1959) providing 12 cents an hour in- crease retroactive to October 1, 1959, additional 5 cents effective October 1, 1960, and 5 cents effec- tive October 1, 1961; sixth, seventh, and eighth paid holidays added in first, second, and third contract year, respectively; qualifying time for 2 and 3 weeks ¹ vacation pay re- duced to 1, 100 and 1, 300 hours per year, respectively (were 1, 200 and 1,500 hours); 14 cents an hour com- pany payment to pension fund (was 7 cents); 21 cents an hour company payment to welfare fund (was 14 cents), including 3 cents for medical clinics.
					Mechanization issue—employers agreed not to reduce the size of the standard 20-man work gang and to use ILA members to load or reload containers when work is done at the pier. A 3-man arbitration board was named to work out royalties for port workers displaced by container shipping. Settlement reached at other At- lantic and Gulf ports during Decem- ber. Benefits similar to agreement with New York Shipping Association, except for local work rules.
October 5	4	Silk and rayon dyeing, finishing, and print- ing companies, 3 States: New York, New Jersey, and Pennsylvania.	Textile Work- ers Union.	12,000	2-year agreement providing 13 cents an hour effective October 1959; 5 cents an hour, effective 1960; ninth paid "floating" holiday companies to pay \$7 a month to pension fund (was \$6).

¹ Includes nonworkdays, such as Saturdays, Sundaýs, and established holidays.

² The unions listed are those directly involved in the dispute, but the number of workers involved may include members of other unions or nonunion workers idled by disputes in the same establishments. Workers involved in the maximum number made idle for 1 shift or longer in establishments directly in-

volved in a stoppage. This figure does not measure the indirect or secondary effects on other establishments or industries whose employees are made idle as a result of material or service shortages.

Adapted largely from Current Wage Developments, published monthly by the Bureau of Labor Statistics. Agreements reached by mid-July covering most workers.

5 Some workers returned about August 24 when approximately 100 contractors signed individual contracts.

⁶ Settlement reached with United Steelworkers November 22; operations resumed at Utah smelters and refineries November 23 until December 1, when 2 railroad unions established picket lines which the Steelworkers refused to cross; operations resumed December 26, when the railroad unions[†] differences were settled. Operations resumed December 29 on a limited scale in Arizona, New Mexico, and Nevada, following agreement with the Mine, Mill and Smelter Workers, December 16 on a master 18-month contract and on local issues Decem-

ber 23. In Utah, operations resumed January 29, 1960. ⁷ Major unions; other unions involved: International Association of Machinists; Brotherhood of Locomotive Firemen and Enginemen; Brotherhood of Railway Carmen; International Brotherhood of Electrical Workers; Operating Engineers; Office Employes; Order of Railway Conductors and Brakemen.

Most companies settled October 14, except in Washington where about 2,500 workers were idle until

October 21. ⁹ Workers at all ports returned to their jobs October 9, after a United States District Court issued a 10-day restraining order under provisions of the Labor-Management Relations (Taft-Hartley) Act.

	Stop	ages	Worker	involved	Man-day	s idle
Duration (calendar days)	Number	Percent of total	Number	Percent of total	Number	Percent of total
All periods	3,747	100.0	1,910,000	100.0	67,400,000	100.0
1 day	369 537 514 806 623 466 211 221	9.8 14.3 13.7 21.5 16.6 12.4 5.6 5.9	109,000 135,000 167,000 262,000 250,000 255,000 124,000 609,000	5.7 7.1 8.7 13.7 13.1 13.3 6.5 31.9	109,000 274,000 565,000 1,620,000 3,490,000 7,230,000 5,850,000 48,200,000	0.2 .4 .8 2.4 5.2 10.7 8.7 71.6

TABLE 13. DURATION OF WORK STOPPAGES ENDING IN 19591

¹ The totals in this table differ from those in the other tables because these relate to stoppages ending during the year, including any 1958 idleness in these strikes.

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

TABLE 14. METHOD OF TERMINATING WORK STOPPAGES ENDING IN 19591

· · · · · · · · · · · · · · · · · · ·	Stop	ages	Workers	involved	Man-da	ys idle
Method of termination	Number	Percent of total	Number	Percent of total	Number	Percent of total
All methods	3,747	100.0	1,910,000	100.0	67,400,000	100.0
Agreement of parties reached: Directly With assistance of government agencies With assistance of nongovernment mediators or agencies	1,541 1,392 173	41.1 37.1 4.6	493,000 687,000 15,500	25.8 36.0	6,580,000 14,800,000 341.000	9.8 21.9 .5
With combined assistance of government and nongovernment mediators or agencies Terminated without formal settlement Employers discontinued business	6 514 53 68	.2 13.7 1.4 1.8	50,600 658,000 4,550 2,710	2.6 34.4 .2 .1	2,180,000 43,200,000	3.2 64.1 .4 .1

¹ See footnote 1, table 13.

	Stop	pages	Worker	s involved	Man-da	ys idle
Disposition of issues	Number	Percent of total	Number	Percent of total	Number	Percent of total
All issues	3,747	100.0	1,910,000	100.0	67,400,000	100.0
Issues settled or disposed of at termination of stoppage ^a	3,361	89.7	1,820,000	95.4	66,600,000	98.8
tion of work: By direct negotiation between employer(s) and union	153	4.1	46,500	2.4	459,000	.7
agenciesBy arbitrationBy other means ⁴ By other means ⁴	3 70 92 68	.1 1.9 2.5 1.8	145 23,900 15,000 2,710	(3) 1.2 .8 .1	1,050 120,000 139,000 64,000	(³) .2 .2 .1

TABLE 15. DISPOSITION OF ISSUES IN WORK STOPPAGES ENDING IN 1959 1

¹ See footnote 1, table 13.

² Includes (a) those strikes in which a settlement was reached on the issues prior to return to work, (b) those in which the parties agreed to utilize the company's grievance procedure, and (c) any strikes in which the workers returned without formal agreement or settlement.

³ Less than 0.05 percent.

⁴ Included in this group are the cases referred to the National or State labor relations boards or other agencies for decisions or elections.

Appendix A: Tables-Work Stoppages

TABLE A-1.	WORK STOPPAGES BY INDUSTRY	, 1959
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	Stoppage in	s beginning 1959	Man-days idle, 1959	Industry	Stoppages in 1	beginning 959	idle, 1959
Industry	Number	Workers involved	(all stoppages)	industry	Number	Workers involved	(all stoppages)
All industries	13,708	1,880,000	69,000,000	Manufacturing-Continued			
Manufacturing	¹ 2,0 <u>4</u> 3	1,280,000	55,500,000	Transportation equipment Motor vehicles and motor vehicle	¹ 108		1,390,000
Primary metal industries	¹ 236	575,000	39,000,000	equipmentAircraft and parts	54 26	31,500 21,700	367,000
Blast furnaces, steel works, and rolling and finishing mills	82	514,000	36,600,000	Ship and boat building and repairing	17	16,000	512,00
Iron and steel foundries Primary smelting and refining of	63	16,100	590,000	Motorcycles, bicycles, and parts	6 2	6,390 600	3,48
nonferrous metals Secondary smelting and refining of	12	18,200 1,940	1,170,000 137,000	equipment	5	320	21,50
nonferrous metals and alloys Rolling, drawing and extruding of	33	17,100	286,000	Lumber and wood products, except	58	14,100	210,00
nonferrous metals Nonferrous foundries Miscellaneous primary metal	19	2,620	22,000	Logging camps and logging contractors	5	280	4,52
industries	28	5,640	180,000	Millwork, veneer, plywood, and prefabricated structural wood	16	9,160	137,00
Fabricated metal products, except ordnance, machinery, and trans-	1.000	1		Wooden containers	22	3,930 410	10,80
Metal cans	¹ 276 11	100,000 7,310	3,150,000 43,400		101	340 16,000	
Cutlery, handtools, and general hardware	26	6,470	91,800	Furniture and fixtures Household furniture Office furniture	76	9,150	164,00
Heating apparatus (except electric) and plumbing fixtures	17	4,280	140,000		6	530	11,90
Fabricated structural metal products	107	39,200	1,650,000		10	2,840	162,00
nuts, screws, rivets and	11	3,740	265,000	Miscellaneous furniture and	4	580	4,67
washers Metal stampings Coating, engraving, and allied	39	21,000	247,000	Stone, clay, and glass products	165	50,800	1,230,00
services Miscellaneous fabricated wire	17	930	21,200	Flat glass Glass and glassware, pressed or	3	1,900	
products Miscellaneous fabricated metal	18	4,610	161,000	Glass products, made of purchased	11	13,700	151,00
product s	34	12,900	523,000	glass Cement, hydraulic Structural clay products	6	430 2,910	74,80
Ordnance and accessories	13	8,290	125,000	Pottery and related products	41 16	10,100 9,520	213,00 125,00
Guns, howitzers, mortars, and related equipment	1	20	1,710		56 5	7,360	
Ammunition, except for small arms	6	1,920	14,700	Cut stone and stone products Abrasive, asbestos, and miscel- laneous nonmetallic mineral			13,70
Sighting and fire control equipment Small arms	3 1	2,100 460	52,700 14,700	products	19	4,350	120,00
Ordnance and accessories, not	2	3,800	40,800	Textile mill products	70	23,500	229,00
elsewhere classified	2	5,000	40,000	Broadwoven fabric mills, man- made fiber and silk	2	730	
Electrical machinery, equipment, and supplies	96	48,100	820,000	Broadwoven fabric mills, wool:	7	2,820	
Electric transmission and distri- bution equipment	18	20,500	169,000	Narrow fabrics and other small-			
Electrical industrial apparatus	12	2,380 9,930	81,200 88,800	silk, and man-made fiber	1 21	30 1,370	
Electric lighting and wiring equipment	15	2,090	107,000	Dyeing and finishing textiles, ex- cept wool fabrics and knit goods	21	15,400	
Radio and television receiving sets, except communication types	9	1,640	44,400	Floor covering mills	3	520 650	66,90
Communication equipment	12	5,650			1 11	2,000	23,80
accessories Miscellaneous electrical machinery,	12	2,240	42,600	Apparel and other finished products			
equipment, and supplies	9	3,700	116,000	materials	122	19,100	253,00
Machinery, except electrical Engines and turbines	¹ 217 8	82,700 11,400	146,000	coats, and overcoats	2	400	1,54
Farm machinery and equipment Construction, mining, and mate-	17	19,100	1,050,000	ings, work clothing, and allied			50.00
rials handling machinery and equipment	38	9,070	386,000		16	3,570	
Metalworking machinery and equipment	29	5,090	245,000		58	11,000	
Special industry machinery, except metalworking machinery	25	3,600	105,000		11	2,110 230	
General industrial machinery and equipment	53	22,100	487,000		5	310 60	
Office, computing, and accounting machines	4	3,300			8	660	
Service industry machines Miscellaneous machinery, except	22	4,050		Miscellaneous fabricated textile	15	790	
electrical	45	5,060		Products		1,30	

See footnote at end of table.

TABLE A-1. WORK STOPPAGES BY INDUSTRY, 1959-Continued

•		beginning 1959	Man-days idle, 1959	Industry	Stoppages in 1	beginning 959	Man-days idle, 1959	
Industry	Number	Workers involved	(all stoppages)	Indian y	Number	Workers involved	(all stoppage	
Manufacturing-Continued				Manufacturing—Continued	·			
Leather and leather products	38	5,570		Professional, scientific, and controlling				
Leather tanning and finishing	6	420	3,490	instruments; photographic and optical goods; watches and clocks	26	8,680	158,0	
Industrial leather belting and packing	1	10	130			.,	,-	
Boot and shoe cut stock and				tific and research instruments	5	400	16,5	
findings	2	80 4,730	1,930 43,900			400	10,5	
Luggage	4	170	3,240	trolling, and indicating physical	·			
Handbags and other personal leather				characteristics	72	5,540 170	99,6 5,4	
goods Leather goods, not elsewhere	2	110	510	Optical instruments and lenses Surgical, medical, and dental	6	1/0	, ³ , 1	
classified	2	40	110	instruments and supplies	7	1,470	25,7	
			1 730 000	Ophthalmic goods Photographic equipment and	2	750	6,3	
Food and kindred products	169 28	80,000	1,720,000 994,000	supplies	3	340	4,4	
Meat products Dairy products	16	3,180	13,500					
Canning and preserving fruits, vegetables, and sea foods		6,520	52,000	Miscellaneous manufacturing industries	68	11,300	179,0	
Grain mill products	17	2,740	55,700			11,500		
Bakery products	45	24,200	450,000	ware	5	400	5,4	
Sugar Confectionery and related products	2	510	2,050	Musical instruments and parts Toys, amusement, sporting and	6	2,010	56,6	
Confectionery and related	2	1,020	2,780		25	5,650	71,9	
products Beverage industries	30	7,440	139,000	Pens, pencils, and other office and				
Miscellaneous food preparations and			1 14 400	artists' materials	3	310	2,2	
kindred products	16	1,390	14,400	Costume jewelry, costume novelties, buttons, and miscellaneous notions,				
lobacco manufactures	1	900	6,300		9	490	5,0	
Cigars	1	900	6,300		20	2 400	37,	
Paper and allied products	59	18,700	442,000	industries	20	2,400	37,5	
Paper mills, except building paper	37	10,100	,	Nonmanufacturing	11,672	600,000	13,500,0	
mills Paperboard mills	17	10,200	241,000			2,230	65,	
Paperboard mills Converted paper and paperboard	4	2,230	106,000	Agriculture, forestry, and fisheries	10			
products, except containers and				Mining Metal	¹ 187 26		5,650,0 3,950,0	
boxes	20	2,500	29,400	Anthracite	1	400		
Paperboard containers and boxes	14	2,740	58,800	Bituminous coal and lignite	146	64,000	1,560,0	
Building paper and building board mills	4	1,010	6,360	Mining and quarrying of nonmetallic	16	2,570	135.0	
			-	minerals, except lueis		1 .		
Printing, publishing, and allied	58	24,400	352,000	Contract construction	771	251,000	4,120,0	
Newspapers: Publishing, publishing		24,400	352,000	Transportation, communication, elec-	1233	140,000	1,910,0	
and printing	25	20,200	273,000	tric, gas, and sanitary services Railroad transportation	10	7,780	69,	
Periodicals: Publishing, publishing	2	100	490	Local and suburban transit and				
and printing	22	3,820	71,400	interurban passenger trans-	52	0 490	276	
Manifold business forms				Motor freight transportation and	54	8,480	326,0	
manufacturing	2	50 50	3,590	warehousing	82	15,500	196,	
Bookbinding and related industries Service industries for the printing	3	50	1,040		40	76,800		
trade	4	200	2,240	Transportation by air Transportation services	6	5,290 480	115,	
				Communication	15	11,500	62,	
hemicals and allied products Industrial inorganic and organic	97	19,600	422,000	Electric, gas, and sanitary				
chemicals	30	6,160	95,000	services	23	13,900	2.58,0	
Plastics materials and synthetic			1	Whole sale and retail trade	311	72,200		
resins, synthetic rubber, syn-				Wholesale trade Retail trade	168	14,500	314, 1,260,	
thetic and other man-made fibers, except glass	18	4,400	44,300					
Drugs Soap, detergents and cleaning pre-	7	3,130	91,100	Finance, insurance, and real estate Finance	1 II	770	4,	
Soap, detergents and cleaning pre-				Insurance	1 2	50 260	1,	
parations, perfumes, cosmetics, and other toilet preparations	5	1,110	10,000		8	460	2,	
Paints, varnishes, lacquers,								
enamels, and allied products	16	2,780	129,000	Services Hotels, rooming houses, camps,	128	12,700	190,0	
Gum and wood chemicals	7	580	2,010 21,700	and other lodging places	13	1,900	22,2	
Miscellaneous chemical products	12	1,100	28,800	Personal services	26	2,010	16,	
				Miscellaneous business services	32	3,940	41,	
etroleum refining and related industries	18	18,000	550,000	Automobile repair, automobile services, and garages	19	510	9,8	
Petroleum refining	13	17,400	543,000	Miscellaneous repair services	7	220	6,	
Paving and roofing materials	4	190	4,410	Motion pictures	8	520	4,	
Miscellaneous products of petroleum	1	390	2,330	Amusement and recreation services, except motion pictures	6	290	7,	
and coal	1	390	2,330	Medical and other health services	9	2,480	61	
ubber and miscellaneous plastics			1	Educational services	3	240	1,	
products	¹ 62	76,800	1,930,000		4	430	17 /	
Tires and inner tubes Rubber footwear	22	6,590	1,490,000 94,200		1	130	17,0	
Reclaimed rubber		10	30		1			
Fabricated rubber products, not	1	1	1	Government State government	25	2,050	10,	
elsewhere classified	15	14,200	321,000		4	410		

¹ Stoppages extending into 2 or more industries or industry groups have been counted in each industry or industry group affected; workers involved and man-days idle were allocated to the respective industries.

S. I. C.			Total			ges, hours, ementary be		wa wa	ion organiz: ges, hours, lementary b	and
code (group or division)	Industry group	begin	pages nning 959	Man-days idle, 1959	begii	pages nning 1959	Man-days idle, 1959	begii	pages nning .959	Man-days idle, 1959
		. Number	Workers involved	(all stoppages)	Number	Workers involved	(all stoppages)	Number	Workers involved	(all stoppages)
Total	All industries	¹ 3, 708	1,880,000	69,000,000	¹ 1,872	1, 320, 000	61, 200, 000	361	95, 500	2, 470, 000
Mfg.	Manufacturing	¹ 2, 043	1, 280, 000	55, 500, 000	¹ 1, 187	993,000	51, 100, 000	199	15, 300	369,000
20 21	Ordnance and accessories Food and kindred products Tobacco manufactures Textile mill products	13 169 1 70	8, 290 80, 000 900 23, 500	1,720,000 6,300	9 93 - 36	4, 990 61, 300 - 20, 000		1 18 1 3	460 840 900 130	14, 700 30, 900 6, 300 2, 210
	Apparel, etc. ² Lumber and wood products,	122	19, 100	253, 000	54	8, 910	69, 000	25	1, 060	39, 000
	except furniture Furniture and fixtures Paper and allied products	58 101 59	14,100 16,000 18,700	422,000	37 71 31	5, 500 12, 900 8, 210	116,000 372,000 209,000	6 13 5	110 1,230 170	920 30, 200 6, 850
27 28	Printing, publishing, and allied industries Chemicals and allied products	58 97	24, 400 19, 600		19 59	11,100 12,600		15 6	460 240	24, 700 8, 890
	Petroleum refining and related industries Rubber and miscellaneous	18	18,000	550, 000	9	10, 900	218, 000	2	400	2, 360
31	plastics products Leather and leather products Stone, clay, and glass	62 38	76, 800 5, 570	1, 930, 000 53, 300	40 26	71, 600 3, 710	1, 900, 000 35, 700	5 4	100 240	1, 050 4, 240
	products	165		1, 230, 000	98	35, 800		14	1, 210	65, 600
35	Primary metal industries Fabricated metal products ³ Machinery, except electrical Electrical machinery, equip-	236 276 217	100,000	39, 000, 000 3, 150, 000 2, 820, 000	128 182 141	61,900	38, 700, 000 2, 920, 000 1, 700, 000	17 19 22	2, 420 1, 210 2, 100	26, 500 37, 000 29, 100
37	ment, and supplies	96 108	48, 100	820, 000	54	25, 900	385, 000	9	730	21, 300
38	Transportation equipment Instruments, etc. 4 Miscellaneous manufacturing industries	26 68	76,500 8,680 11,300	1, 390, 000 158, 000 179, 000	55 14 44	39, 500 6, 420 8, 210	1,080,000 136,000 144,000	9 1, 4	1,170 10 140	15,800 160 1,680
Non- mfg.	Nonmanufacturing	¹ 1, 672	600,000	13, 500, 000	¹ 691	330, 000	10, 100, 090	162	80, 200	2, 100, 000
1	Agriculture, forestry, and fisheries	10	2, 230		6	1,020	41, 800	2	680	23, 300
	Mining Contract construction	187 771		5, 650, 000 4, 120, 000	37 307	58,300 157,000	4, 710, 000 2, 670, 000	13 47	20, 500 52, 100	803,000 1,110,000
E	Transportation, communication, electric, gas, and sanitary services	233	140.000	1, 910, 000	95	41. 400	1, 140, 000	24	1, 270	12, 700
	Wholesale and retail trade	311		1, 570, 000	177	66, 500		48	2, 390	73, 100
	Finance, insurance, and real estate	11 128	770 12,700	4, 310 190, 000	3 62	360 6, 230	1, 340 79, 400	3 23	100 3,140	660 72,100
	Government	25	2, 050	10, 500	7	950	2, 640	23	3, 140	400

Stoppages affecting more than 1 industry group have been counted in each industry group affected; workers involved and man-days idle were allocated to the respective groups.
 A Includes other finished products made from fabrics and similar materials.
 Excludes ordinance, machinery, and transportation equipment.
 Includes professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks,

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

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GROUP AND MAJOR ISSUES, 1959

Uni	on organiza	tion		Condition		Interu	nion or intr matters	aunion	. 1	Not reported	1	S. I. C.
Stopp begin in l	ning	Man-days idle, 1959	Stopp begin in 1	ning	Man-days idle, 1959	Stopp begin in l	ning	Man-days idle, 1959	Stopp begin in l	ming	Man-days idle, 1959	(group or division
Number	Workers involved	(all stoppages)	Number	Workers involved	(all	Number	Workers involved	(all stoppages)	Number	Workers involved	(all stoppages)	
303	58, 400	1, 700, 000	1761	362, 000	3, 400, 000	350	32, 000	222, 000	61	5, 760	30, 500	Total
¹ 136	38, 100	1, 460, 000	444	226, 000	2, 480, 000	42	4, 490	56, 700	35	2, 150	18, 900	Míg.
11	320	7, 070	3 38	2, 840 16, 900	83, 300 142, 000	- 4	360	2, 320	- 5	260	1, 230	19 20
12	1, 270	81, 400	12	1, 520	7, 950	- 2	230	2, 030	5	370	2, 870	21 22
24	6, 950	99, 700	10	1,770	39, 500	4	170	1, 370	5	220	4, 520	23
3 2 2	130 40 630	1, 070 1, 160 42, 200	6 13 20	7, 840 1, 740 9, 510	90, 900 16, 700 171, 000	5 2 1	520 100 150	1, 450 1, 270 13, 600	1 -	20 - -	110	24 25 26
12 7	5, 4 90 180	17, 500 2, 840	11 25	7, 250 6, 660	93, 900 62, 300	1 -	90	1,040	-	-	:	27 28
1	760	94, 200	5	5, 850	235, 000	1	110	110	-	-	-	29
5	240	4, 170	12 6	4, 840 1, 450	22, 700 11, 800	ī	90	170	ĩ	80	1, 360	30 31
9	1, 650	79, 500	38	11, 500	210,000	1	10	60	5	590	1, 750	32
5 10 11	550 2, 790 13, 100	11,700 11,500 821,000	77 53 43	30, 900 33, 900 24, 000	290,000 171,000 269,000	777	1,290 500 -	16,000 6,440 -	2 5 -	70 220 -	270 4, 860 -	33 34 35
6	1, 300	64, 300	22	20, 000	345, 000	2	70	3, 170	3	170	1,070	36
6 7	2, 080 480	102, 000 10, 900	35 4	33,000 1,770	187,000 11,300	2	750	5, 050	1 -	20 -	370	37 38
5	150	4, 670	11	2, 570	25, 800	2	60	2, 530 -	2	130	510	39
167	20, 300	241,000	318	136,000	911,000	¹ 308	27,600	165,000	26	3, 610	11, 500	Non- mfg.
- 7 64	1, 880 12, 300	2, 920 148, 000	116 77	32, 000 8, 180	- 115,000 45,100	1 9 269	510 4,640 20,100	510 12,700 139,000	1 5 7	20 2, 50 0 570	100 4,450 760	A B C
32 31	3, 860 700	55, 300 15, 700	69 35	91, 200 2, 190	701, 000 23, 800	11 12 -	1,660 240	4, 010 7, 770	2 8	300 180	1, 540 4, 590	E F
3 24 6	60 940 590	540 16,000 3,230	11	260 1,960 430	1,770 20,600 4,060	- 5 2	- 370 40	1, 430 180	3	40	100	G H I

TABLE A-3. WORK STOPPAGES IN STATES HAVING 25 OR MORE STOPPAGES BY INDUSTRY GROUP, 19591

			· · · · · · · · · · · · · · · · · · ·			··· •·· · · · · ·			
	· · ·	Alabama			Arizona			Arkansas	
Industry group		beginning 959	Man-days idle during		s beginning 1959	Man-days idle during		s beginning 1959	Man-days idle during
	Number	Workers	1959 (all	Number	Workers	1959 (all	Number	Workers	1959 (all
		involved	stoppages)		involved	stoppages)		involved	stoppages)
All industries	73	51, 300	2, 480, 000	28	30,600	1, 430, 000	25	3, 170	71, 000
Manufacturing	44	40,000	3 1/0 000	_	2.240	1/1 000			(
Manufacturing	44	40,000	2, 160, 000	7	2, 240	167,000	17	2, 690	65,800
Primary metal industries	13	24, 500	1, 740, 000	5	2, 190	165,000	-	· •	-
Fabricated metal products, except ordnance, machinery, and transportation equipment	4	1,970	70, 000	2	40	1, 540	_	_	_
Ordnance and accessories	-	-	-	-		-	-	-	-
Electrical machinery, equipment, and supplies	-	_	_	-	-	_	-		² 1, 820
Machinery, except electrical	3	410	1,800	-	-	- 1	-	-	-
Transportation equipment Lumber and wood products,	3	6,050	159,000	-	-	-	4	470	6, 520
except furniture	1	60	1, 700	-	-	-	1	80	530
Furniture and fixtures Stone, clay, and glass products	7	760	² 2, 100 22, 600	-	-	-	2 2	70 450	3, 490 7, 800
Textile mill products	í	2,100	44, 100	-	-	-	-	450	7,800
Apparel and other finished products made from fabrics and similar materials	z	300	24, 400					100	E 40
Leather and leather products	-		24, 400	-	-	-	1 -	180	540
Food and kindred products	4	1,020	14, 800	-	-	-	3	360	7,950
Tobacco manufactures Paper and allied products	ī	650	1, 300	-	-	-		1 :	-
Printing, publishing, and allied industries	-		-	-	-	-	-	-	-
Chemicals and allied products Petroleum refining and related industries	3	820 20	8,790 1,470	· -	-		2	440	35, 700
Rubber and miscellaneous plastics products	i	1, 240	48, 300	-	-	-	2	650	1, 440
Professional, scientific, and controlling instruments; photographic and optical									
goods; watches and clocks	-			-	-	-	-	-	-
Miscellaneous manufacturing industries	1	70	1,430	-	-	-	-	-	· –
Nonmanufacturing	32	11, 300	319,000	24	28, 300	1, 270, 000	8	480	5, 230
Agriculture, forestry, and fisheries	-	-	-	-	_	-	-	-	-
Mining Contract construction	10 12	7, 530 2, 520	293, 000	5	7,410	706,000	1	150	1,910
Wholesale and retail trade	5	2, 520	11,800 4,410	15 4	19,600 1,320	520,000 30,800	6	290 40	2, 860 280
Finance, insurance, and real estate	-	-	-	-	•	-	-	-	-
Transportation, communication, electric, gas, and sanitary services	3	580	5, 220	-	-	2 9, 760	_	-	² 180
Services Government	1	20	770	-	-	-	-	-	•
Gove I liment	1	70	3, 380	-	-	-	-	-	•
		California			Colorado			Connecticut	
All industries	260	102,000	3, 340, 000	30	22, 400	750,000	68	20, 500	284 000
				- 30	22, 100	750,000	00	20, 500	384, 000
Manufacturing	138	58,700	3 640 000		10,100	1 1 1 0 0 0 0	38		210 000
			2, 560, 000	12		660,000	- 30	15, 700	319, 000
Primary metal industries	12	17, 400	1, 310, 000	12 2	7, 470	612,000	4	15, 700 3, 110	88, 500
Fabricated metal products, except ordnance,		17, 400	1, 310, 000	2	7, 4 70	612, 000	4	3, 110	88, 500
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories	12 19 1								
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and	19 1	17, 400 5, 900 200	1, 310, 000 336, 000 200	2 1 -	7, 4 70 70	612, 000	4 6 1	3, 110 2, 150 460	88, 500 61, 000 14, 700
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical	19 1 7 12	17, 400 5, 900 200 2, 700 560	1, 310, 000 336, 000 200 65, 200 16, 900	2 1 - 1	7, 4 70 70 - 65 0	612, 000 1, 510 - 7, 800	4 6 1 5 2	3, 110 2, 150 460 1, 460 770	88, 500 61, 000 14, 700 31, 500 23, 200
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment	19 1 7	17, 400 5, 900 200 2, 700	1, 310, 000 336, 000 200 65, 200	2 1 -	7, 4 70 70 -	612, 000 1, 510 -	4 6 1 5	3, 110 2, 150 460 1, 460	88, 500 61, 000 14, 700 31, 500
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture	19 1 7 12 10 9	17, 400 5, 900 200 2, 700 560 8, 460 1, 110	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600	2 1 - 1 1 1 1 1	7, 470 70 - 650 60 80	612, 000 1, 510 - 7, 800	4 6 1 5 2 1 1	3, 110 2, 150 460 1, 460 770 1, 280 10	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures	19 1 7 12 10	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700	2 1 1 1 1	7, 470 70 - 650 60 80	612,000 1,510 - 7,800 10,200 1,920 -	4 6 1 5 2 1 1 2	3, 110 2, 150 460 1, 460 770 1, 280 10 110	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products	19 1 7 12 10 9 10	17, 400 5, 900 200 2, 700 560 8, 460 1, 110	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600	2 1 - 1 1 1 1 1	7, 470 70 - 650 60 80	612, 000 1, 510 - 7, 800 10, 200	4 6 1 5 2 1 1	3, 110 2, 150 460 1, 460 770 1, 280 10	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190
Fabricated metal products, except ordnance, machinery, and transportation equipment	19 1 7 12 10 9 10 7 2	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 63, 600 1, 860	2	7, 470 70 - 650 60 80 -	612,000 1,510 - 7,800 10,200 1,920 -	4 6 1 5 2 1 1 2 2 5	3, 110 2, 150 460 1, 460 1, 280 10 110 20 760	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Leather and leather products	19 1 7 12 10 9 10 7 2 4 1	17, 400 5, 900 2, 700 8, 460 1, 110 1, 770 3, 910 90 140 90	1, 310, 000 336, 000 200 65, 200 269, 000 41, 600 25, 700 63, 600 1, 860 12, 900 170	2	7, 470 70 	612,000 1,510 	4 6 1 5 2 1 1 2 2 5 1 -	3, 110 2, 150 460 1, 460 770 1, 280 10 110 20 760 60 -	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Leather and leather products	19 1 7 12 10 9 10 7 2 4	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90 140	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 63, 600 1, 860 12, 900	2 1 - 1 1	7, 470 70 - 650 60 80 -	612,000 1,510 - 7,800 10,200 1,920 -	4 6 1 5 2 1 1 2 2 5	3, 110 2, 150 460 1, 460 1, 280 10 110 20 760	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Eveniture and fixtures Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Leather and laited products Fobacco manufactures Paper and allied products	19 1 7 12 10 9 10 7 2 4 1 23 - 4	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90 140 90 5, 780 1, 060	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 63, 600 1, 860 12, 900 103, 000 7, 790	2 1 1 1 1 1 5	7, 470 70 650 60 80 - - - 1, 720	612,000 1,510 	4 6 1 5 2 1 1 2 2 5 1 - 3 -	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 550 -	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 - 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Apparel and other finished products made from fabrics and similar materials Leather and leather products Food and kindred products Daper and allied products Paper and allied products	19 1 7 12 10 9 10 7 2 4 1 23	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90 140 90 5, 780 - 1, 060 1, 810	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 63, 600 1, 860 12, 900 17, 790 80, 000	2 1	7, 470 70 	612,000 1,510 	4 6 1 5 2 1 1 2 5 1 - 3 - 2	3, 110 2, 150 460 1, 460 770 1, 280 10 110 20 760 60 550 - 20	88, 500 61, 000 14, 700 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Leather and leather products Tobacco manufactures Paper and allied products Printing, publishing, and allied industries Chemicals and allied products Petroleum refining and related industries	19 1 7 12 10 9 10 7 2 4 1 23 - 4 8 8	17, 400 5, 900 200 2, 700 5, 660 8, 460 1, 110 1, 770 3, 910 90 5, 780 - 1, 060 1, 810 570 570	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 1, 860 12, 900 12, 900 12, 900 1, 860 12, 900 7, 790 80, 000 25, 100	2 1 1 1 1	7, 470 70 650 60 80 - - - 1, 720	612,000 1,510 	4 6 1 5 2 1 1 2 2 5 1 - 2 1 -	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 - - 550 - - 20 20	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Leather and leather products Food and kindred products Paper and allied products Printing, publishing, and allied industries	19 1 7 12 10 9 10 7 2 4 1 23 - 4 8	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90 140 90 5, 780 - 1, 060 1, 810	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 63, 600 1, 860 12, 900 17, 790 80, 000	2 1 1 1 1	7, 470 70 650 60 80 - - - 1, 720	612,000 1,510 	4 6 1 5 2 1 1 2 5 5 1 - - 2 1	3, 110 2, 150 460 1, 460 770 1, 280 10 110 20 760 60 550 - 20	88, 500 61, 000 14, 700 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Leather and leather products Tobacco manufactures Paper and allied products Paper and allied products Chemicals and allied products Petroleum refining and related industries Rubber and miscellaneous plastics products Professional, scientific, and controlling instruments; photographic and optical	19 1 7 12 10 9 10 7 2 4 1 23 - 4 8 5	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90 140 90 5, 780 - 1, 060 1, 810 570 6, 310	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 63, 600 12, 900 17, 700 103, 000 25, 100 181, 000	2 1 1 1 1	7, 470 70 650 60 80 - - - 1, 720	612,000 1,510 	4 6 1 5 2 1 1 2 2 5 1 - 2 1 - 2	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 - - 550 - - 20 20	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 14, 300 - 580 130
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Textile mill products Tom fabrics and similar materials Leather and leather products Food and kindred products Fobacco manufactures Paper and allied products Printing, publishing, and allied industries Petroleum refining and related industries Rubber and miscellaneous plastics products Professional, scientific, and controlling	19 1 7 12 10 9 10 7 2 4 1 23 - 4 8 8	17, 400 5, 900 200 2, 700 5, 660 8, 460 1, 110 1, 770 3, 910 90 5, 780 - 1, 060 1, 810 570 570	1, 310, 000 336, 000 200 65, 200 16, 900 259, 000 41, 600 025, 700 63, 600 1, 860 12, 900 103, 000 25, 100 80, 000 25, 100 181, 000	2 1 1 1 1	7, 470 70 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 2 5 1 - - 2 1 - - 2	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 550 - 20 20 4, 760	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 1, 280 1, 280 1, 280 1, 280 6, 980 6, 980 440
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Apparel and other finished products made from fabrics and similar materials Leather and leather products Food and kindred products Paper and allied products Printing, publishing, and allied industries Chemicals and allied products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries	19 1 7 12 10 9 10 7 2 4 1 23 - 4 4 8 - 5	17, 400 5, 900 2,00 2,700 5,60 8, 460 1, 110 1, 770 3, 910 90 140 90 5, 780 1, 060 1, 810 570 6, 310 20 830	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 63, 700 63, 700 103, 000 1, 860 12, 900 170 103, 000 25, 100 181, 000 70 20, 800	2 1 1 1	7, 470 70 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 5 1 - - 2 1 - - 2 1 - - 2 1 - - 2	3, 110 2, 150 460 1, 460 770 1, 280 10 110 20 760 60 550 - 20 20 20 20 20 20 20 20 20 20 20 20 20	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products made from fabrics and similar materials Leather and leather products Tobacco manufactures Paper and allied products Paper and allied products Printing, publishing, and allied industries Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Monmanufacturing	19 1 7 12 10 9 10 7 2 4 1 23 - 4 4 8 5 5	17, 400 5, 900 200 2, 700 5,60 8, 460 1, 110 1, 770 3, 910 90 140 90 5, 780 1, 060 1, 810 570 6, 310 20 830 43, 600	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 13, 600 1, 860 12, 900 17, 700 181, 000 70 20, 800 777, 000	2 1 1 1 1	7, 470 70 - 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 2 5 1 - - 2 1 - - 2	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 550 - 20 20 4, 760	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 1, 280 1, 280 1, 280 1, 280 6, 980 6, 980 440
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Textile mill products Tom fabrics and similar materials Leather and leather products Paper and allied products Paper and allied products Paper and allied products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing Marculared products Professional, scientific, and controlling	19 1 7 12 10 9 10 7 2 4 1 23 - 4 4 8 - 5 5 1 3 123 6	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90 5, 780 1, 060 1, 810 570 570 6, 310 20 830 43, 600 1, 000	1, 310, 000 336, 000 200 65, 200 16, 900 25, 700 63, 600 1, 860 12, 900 7, 790 80, 000 25, 100 70, 700 181, 000 777, 000 40, 900	2 1 - - - - - - - - - - - - - - - - - -	7, 470 70 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 5 1 - - 2 1 - - 2 1 - - 2 1 - - 2	3, 110 2, 150 460 1, 460 770 1, 280 10 110 20 760 60 550 - 20 20 20 20 20 20 20 20 20 20 20 20 20	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Apparel and other finished products made from fabrics and similar materials Leather and leather products Tobacco manufactures Paper and allied products Printing, publishing, and allied industries Chemicals and allied products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries Agriculture, forestry, and fisheries Mining	19 1 7 12 10 9 10 7 2 4 1 23 4 4 8 5 5 1 3 3 123 6 1 53	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90 140 90 5, 780 1, 060 1, 810 570 6, 310 20 830 43, 600 1, 000 2,50 9,020	1, 310, 000 336, 000 65, 200 16, 900 269, 000 41, 600 25, 700 63, 600 12, 900 17, 790 103, 000 25, 100 181, 000 707, 000 40, 900 320 101, 000	2 1 - 1 1 1 - - - - - - - - - - - - - -	7, 470 70 - - 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 5 1 - 2 1 - 2 1 - 2 1 30	3, 110 2, 150 460 1, 460 770 1, 280 10 110 20 760 60 550 - 20 20 20 20 20 20 20 20 20 20 20 20 20	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Leather and leather products Food and kindred products Paper and allied products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries Mining Contract construction	19 1 7 12 10 9 10 7 2 4 1 23 - 4 4 8 - 5 5 1 3 123 6 1 53 24	17, 400 5, 900 200 2, 700 560 8, 460 1, 110 1, 770 3, 910 90 5, 780 1, 060 1, 810 570 6, 310 20 830 43, 600 1, 000 250 9, 020 23, 200	1, 310, 000 336, 000 200 65, 200 41, 600 25, 700 63, 600 1, 860 12, 900 7, 790 80, 000 25, 100 181, 000 777, 000 40, 900 320 101, 000 414, 000	2 1 - - - - - - - - - - - - -	7, 470 70 - - 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 5 1 - 2 1 - 2 1 - 2 1 - 2 - 1 30 - - 16 4	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 - - 550 - - 20 20 2, 20 4, 760 4, 860 - - 3, 490 50	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Apparel and other finished products made from fabrics and similar materials Leather and leather products Pod and kindred products Paper and allied products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries Miscellaneous manufacturing industries Monmanufacturing Molesale and retail trade Fransportation, communication, electric,	19 1 7 12 10 9 10 7 2 4 1 23 - 4 4 8 - 5 5 1 3 123 6 1 53 24 1	17, 400 $5, 900$ 200 $2, 700$ 560 $8, 460$ $1, 110$ $1, 770$ $3, 910$ 90 $5, 780$ $1, 060$ $1, 810$ 570 $6, 310$ 20 830 $43, 600$ $1, 000$ 250 $9, 020$ $23, 200$ 50	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 03, 600 1, 860 12, 900 7, 790 80, 000 25, 100 70 20, 800 777, 000 40, 900 320 101, 000 414, 000 414, 000	2 1 - - - - - - - - - - - - -	7, 470 70 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 5 1 1 2 2 5 1 - 2 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - - 2 1 - - 2 1 - - - 2 5 5 - - - - 2 1 - - - - - - - - - - - - - -	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 550 - - 20 20 - - 20 4, 760 4, 860 - 3, 490 50 - -	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment	19 1 7 12 10 9 10 7 2 4 1 23 - 4 4 8 - 5 1 3 123 - 6 1 53 24 1 22	17, 400 5, 900 2, 700 5, 60 8, 460 1, 110 1, 770 3, 910 90 5, 780 1, 060 1, 810 570 6, 310 20 830 43, 600 1, 000 250 9, 020 50 9, 360	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 25, 700 10, 860 12, 900 12, 900 10, 000 25, 100 7, 790 181, 000 777, 000 40, 900 320 101, 000 41, 000 41, 600 25, 700 70 20, 880 777, 000 40, 900 320 101, 000 41, 000 41, 600 25, 100 10, 100 1	2 1 - - - - - - - - - - - - -	7, 470 70 - - 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 5 1 3 - - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 - 1 - 2 1 - - 2 1 - - 2 5 1 - - - 2 1 - - - 2 1 - - - - - - - - -	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 5550 - 20 20 20 20 20 4, 760 4, 860 - 3, 490 50 - 800	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440 14, 300
Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Apparel and other finished products made from fabrics and similar materials Leather and leather products Pod and kindred products Paper and allied products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries Miscellaneous manufacturing industries Monmanufacturing Molesale and retail trade Fransportation, communication, electric,	19 1 7 12 10 9 10 7 2 4 1 23 - 4 4 8 - 5 5 1 3 123 6 1 53 24 1	17, 400 $5, 900$ 200 $2, 700$ 560 $8, 460$ $1, 110$ $1, 770$ $3, 910$ 90 $5, 780$ $1, 060$ $1, 810$ 570 $6, 310$ 20 830 $43, 600$ $1, 000$ 250 $9, 020$ $23, 200$ 50	1, 310, 000 336, 000 200 65, 200 16, 900 269, 000 41, 600 03, 600 1, 860 12, 900 7, 790 80, 000 25, 100 70 20, 800 777, 000 40, 900 320 101, 000 414, 000 414, 000	2 1 - - - - - - - - - - - - -	7, 470 70 650 60 80 - - - 1, 720 - - - - - - - - - - - - - - - - - - -	612,000 1,510 - 7,800 10,200 1,920 - - - - - - - - - - - - -	4 6 1 5 2 1 1 2 5 1 1 2 2 5 1 - 2 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - - 2 1 - - 2 1 - - - 2 5 5 - - - - 2 1 - - - - - - - - - - - - - -	3, 110 2, 150 460 1, 460 770 1, 280 10 10 20 760 60 550 - - 20 20 - - 20 4, 760 4, 860 - 3, 490 50 - -	88, 500 61, 000 14, 700 31, 500 23, 200 1, 280 190 260 390 6, 980 440

See footnotes at end of table.

TABLE A-3. WORK STOPPAGES IN STATES HAVING 25 OR MORE STOPPAGES BY INDUSTRY GROUP, 1959 -- Continued

· · · ·		Florida			Illinois			Indiana	
Industry group		beginning		Stoppages	beginning	Man-days	Stoppages	beginning	
, 8F	· · · · · · · · · · · · · · · · · · ·	Workers	idle during 1959 (all	in l	959 Workers	idle during 1959 (all		959 Workers	idle during 1959 (all
	Number	involved	stoppages)	Number	involved		Number	involved	stoppages)
All industries	99	27,100	276,000	231	112,000	4, 390, 000	153	117,000	5,620,000
Manufacturing	34	10,900	163,000	119	67,000	3,310,000	94	107,000	5, 470, 000
	· · · · · · · · · · · · · · · · · · ·		1						
Fabricated metal products, except ordnance,	1	120	240	13	26,800	2,040,000	20	59,800	4, 550, 000
machinery, and transportation equipment	7	3, 270	44,400	21	11,000	362,000	16	9,570	267,000
Ordnance and accessories Electrical machinery, equipment, and	-	-	-	-	-	-	-	-	-
supplies	z	70	580	5	2,130	24, 100	3	4, 490	51,700
Machinery, except electrical	- 1	70	8,500	22 5	8,720 1,460	536,000 3,280	9	3, 440 8, 120	101,000 118,000
Lumber and wood products,	. 1		-			² 20			
except furniture Furniture and fixtures	-	10	20	2	140	1,180	2 9	510 1,490	3,920 22,100
Stone, clay, and glass products Textile mill products	5	170	8,700	9 1	2,840	29,000 350	15	4, 270	85,000
Apparel and other finished products made	-	-	-		50	. 350	-	-	-
from fabrics and similar materials Leather and leather products	5	110	7,650	3 2	90 870	4,100 1,330	2	790	6,610
Food and kindred products	3	1,200	17,100	11	5,940	110,000	5	890	28,900
Tobacco manufactures Paper and allied products	4	5, 310	69,500	z	- 250	3,460	- 2	200	2, 250
Printing, publishing, and allied						-			
industries	2	60 550	2,340 4,120	3 7	110 1,900	1,170 121,000	1 -	490 -	1,500
Petroleum refining and related industries	-	-		4	3, 360	35,200	2	. 5, 800	68, 200
Rubber and miscellaneous plastics products Professional, scientific, and controlling	-	-	-	4	630	23, 300	3	7,480	161,000
instruments; photographic and optical	_			2	450	(220			
goods; watches and clocks Miscellaneous manufacturing industries	-	-	-	2 4	450 200	6,320 2,710	-	-	-
Nonmanufacturing	66	16,100	113,000	113	45, 500	1,080,000	60	9, 410	159,000
		10,100			131 500	1,000,000		7, 110	137,000
Agriculture, forestry, and fisheries Mining	2	800	34, 300	7	620	3,350	- 4	1,140	4,190
Contract construction	43 10	10,500	53,000	55	38, 300	928,000	26	4,140	64,000
Finance, insurance, and real estate	- 10	220	3,770	20	1,280	68, 300 -	10	360	13,100
Transportation, communication, electric, gas, and sanitary services	8	4, 300	20 700	20	4 200	60 100		2 200	75
Services	3	350	20,700 1,020	10	4,200 1,040	68,100 9,880	11 5	3,390 120	75,100 1,410
Government	-	-	-	2	60	120	4	270	690
		lowa			Konses			Kentucky	
All industries	63	24 600	E41 000	24	6 440	44 700			
		24,600	541,000	26	6, 440	64, 700	83	30, 200	1,220,000
Manufacturing	41	18,000	415,000	15	5,950	54, 300	23	9,140	615,000
Primary metal industries Fabricated metal products, except ordnance,	2	50	370	-	-	-	2	5,530	423,000
machinery, and transportation equipment	3	250	1,290	3	160	8,770	3	840	62,800
Ordnance and accessories Electrical machinery, equipment, and	1	1,070	1,070	1	20	270	-	-	•
supplies	2	1,180	24, 300	1	30	60	2	400	6,720
Machinery, except electrical Transportation equipment	7	3,020	64,600 980	· 3 1	270 2,940	7,230 5,410	4	1,060	89,700
Lumber and wood products, except	-		,	•	2, /	5, 110	_		
furniture and fixtures	2	260	10,300	-	-	-	1 2	340 160	1,700 1,820
Stone, clay, and glass products							3	580	25,000
	5	370	5,680	3	210	3, 540	-		
Textile mill products Apparel and other finished products made	-	370 -	5,680	3 -	210	3, 540	-	-	-
Textile mill products Apparel and other finished products made from fabrics and similar materials	-	370	5,680 - -	3 - 1	210 - 20	3, 540 - 140	-	-	
Textile mill products	5 - - 13	370 - - 8, 520	5, 680 - - 222, 000	-	-	- 1	- - 3	- - 50	1,700
Textile mill products	-	- - 8, 520 -	- - 222,000		- 20 -	- 140	-	50	1,700
Textile mill products	-	-	-	- 1 -	- 20 -	- 140	-	50 - 10	1,700
Textile mill products		- 8,520 - 150	- 222, 000 750		- 20 -	140 23, 500 -	- - 3 -	50 - 10 170	-
Textile mill products		- 8,520 - 150	- 222, 000 750	- 1 - 1 -	- 20 -	140 23, 500 -	- - 3 - 1	50 - 10	-
Textile mill products	- - - - - -	- 8,520 150 110 -	- 222, 000 - 750 380 -		- 500 - - - - - -	140 23, 500 - - -	- - 3 - 1	50 - 10 170 -	-
Textile mill products	- 13 - 2 - 2	- 8,520 150 110 -	- 222, 000 - 750 380 -		- 500 - - - - - -	140 23, 500 - - -		50 - 10 170 -	-
Textile mill productsApparel and other finished products made from fabrics and similar materialsEather and leather productsFood and kindred productsPaper and allied productsPaper and allied productsPotning, and allied industriesPetroleum refining and related industriesProfessional, scientific, and controlling instruments; photographic and optical goods; watches and flock	- 13 - 2 - -	- 8, 520 150 110 - 2, 950 - -	- 222, 000 750 380 - 82, 800		20 500 - - 1,800 -	140 23, 500 - - - 5, 400 - -		50 - 10 170 - - - -	120 1,580 -
Textile mill productsApparel and other finished products made from fabrics and similar materialsFood and kindred productsTobacco manufacturesTobacco manufacturesPaper and allied products	- 13 - 2 - 2	- 8,520 150 110 -	- 222, 000 - 750 380 - - 82, 800		- 500 - - - - - -	140 23, 500 - - -		50 - 10 170 -	-
Textile mill products	- 13 - 2 - -	- 8, 520 150 110 - 2, 950 - -	- 222, 000 750 380 - 82, 800	- - - - 1 - - - - 1	20 500 - - 1,800 -	140 23, 500 - - - 5, 400 - -		50 - - - - - - - - - - - - - - - - - - -	120 1,580 - - - 610,000
Textile mill products	- - - - - - - - - - - - - - - - - - -	- 8, 520 150 - 2, 950 - - 6, 570 - 6, 170	- 222, 000 750 380 - 82, 800 - 126, 000 - 126, 000	- - - - - - - - - - - - - - - - - - -	- 20 - - - - - - - - - - - - - - - - 200	140 23,500 - - - 5,400 - - - 10,400 - 1,120	- - - - - - - - - - - - - - - - - - -	50 - - 10 170 - - - - 21, 100 - - - - - - - - - - - - - - - - - -	120 1,580 - - 610,000 - 593,000 7,770
Textile mill products	- 13 - 2 - 2 - - - - - - - - -	- 8, 520 150 110 - 2, 950 - - - - - - - - - - - - - - - - - - -	- 222,000 750 380 - 82,800 - 126,000 -		- 20 - - - - 1,800 - - - - - - - - - - - - - - - - - -	140 23,500 - - - 5,400 - - - - 10,400	- - - - - - - - - - - - - - - - - - -	50 - - 10 170 - - - - - - - - - - - - - - - - - - -	120 1,580 - - 610,000 593,000
Textile mill products	- - - - - - - - - - - - - - - - - - -	- 8, 520 150 2, 950 - - 6, 570 - - 6, 170 110 -	- 222,000 750 380 - 82,800 - 126,000 - 126,000 - 107,000 3,390 -	- - - - - - - - - - - - - - - - - - -	- 20 - - - - - - - - - - - - - - - - 200	140 23,500 - - - 5,400 - - - 10,400 - 1,120	- - - - - - - - - - - - - - - - - - -	50 - - 10 170 - - - - - - - - - - - - - - - - - - -	120 1,580 - - 610,000 7,770 3,890
Textile mill products	- - - - - - - - - - - - - - - - - - -	- 8, 520 150 - 2, 950 - - 6, 570 - 6, 170	- 222,000 750 380 - 82,800 - 126,000 - 126,000	- - - - - - - - - - - - - - - - - - -	- 20 - - - - - - - - - - - - - - - - 200	140 23,500 - - - 5,400 - - - 10,400 - 1,120	- - - - - - - - - - - - - - - - - - -	50 - - 10 170 - - - - 21, 100 - - - - - - - - - - - - - - - - - -	120 1,580 - - 610,000 - 593,000 7,770

	Louisiana		Maryland			Massachusetts			
Industry group	Stoppages in 1	beginning 959	Man-days idle during	Stoppages in 1	beginning 959	Man-days idle during	Stoppages	s beginning 1959	Man-days idle during
	Number	Workers	1959 (all stoppages)	Number	Workers	1959 (all stoppages)	Number	Workers	1959 (all stoppages)
All industries	36	17, 500	286, 000	38	38, 300	2, 440, 000	134	43, 000	909, 000
Manufacturing	11	3, 250	168,000	16	31,800	2, 400, 000	91	36, 600	702, 00 0
Primary metal industries	-		-	4	29,100	2, 340, 000	6	4, 470	280, 000
Fabricated metal products, except ordnance, machinery, and transportation equipment	2	260	19,600	2	900	5, 160	9	2, 340	42, 000
Ordnance and accessories Electrical machinery, equipment, and	-	-	-	-	-	-	-	-	-
supplies	-	-	-	:	-	-	6	7,280 1,650	82, 300 27, 400
Transportation equipment	· 2	1, 340	62, 700	1	450	2, 700	3	2, 570	23, 000
Lumber and wood products, except furniture	-	-	-	1	40	460	-	. .	-
except furniture	1 2	10 630	280 76,000	2	510 130	5, 170 23, 400	2 5	120 580	1, 380 12, 100
Textile mill productsApparel and other finished products made	-	-	-	1	90	1, 120	9	1, 420	15, 700
from fabrics and similar materials	-	-	-		20 70	880 1,660	9 14	420 1,670	3, 620 9, 980
Leather and leather products	3	410	5, 430	2	430	19, 300	6	2, 860	26, 900
Tobacco manufactures Paper and allied products	-	-	· -	-	-	-	ī	40	9, 930
Printing, publishing, and allied industries Chemicals and allied products	<u>-</u>	600	4, 060	-	-	-	4	5,040 310	33, 800 4, 140
Petroleum refining and related industries Rubber and miscellaneous plastics products	-	-		1 -	-	-	- 5	4, 980	104, 000
Professional, scientific, and controlling	-	-	-	-	-	-		1, ,00	
instruments; photographic and optical goods; watches and clocks	-	-	-	-	-	-	1	370	5, 180
Miscellaneous manufacturing industries	-	-	-	- 1	° -	-	2	460	20, 500
Nonmanufacturing	_26	14, 300	118,000	24	6, 510	47,900	45	6, 470	207, 000
Agriculture, forestry, and fisheries Mining	ī	80	3,400	ī	50	600	-	-	. :
Contract construction	11	1,860	19,300	6	3,110	23, 400	21	3, 350	31, 200
Wholesale and retail trade	2	110	7,960	7	130 10	2, 920 30	14	1,090	26, 000
Transportation, communication, electric, gas, and sanitary services	10	12, 200	87, 200	6	3, 040	18, 200	8	1,940	148,000
Services	1	10 20	60 20	3	170	2, 710	2	90	1, 750
	ſ								
		Michigan		ļ	Minnesoto	r ⁻		Missouri	1
	172		2, 680, 000	73	Minnesoto 39, 100	1, 870, 000	105	Hissouri 24, 600	935, 000
All industries Manufacturing	172 99	83,500	2, 680, 000 1, 940, 000	73		[105 58	l	
Manufacturing		83, 500 56, 100		1	39, 100	1, 870, 000	1	24, 600	
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment	99 18 16	83, 500 56, 100 21, 400 3, 440	1, 940, 000 1, 31 0 , 000 76, 600	37 2 4	39, 100 13, 200 2, 940 660	1, 870, 000 541, 000 244, 000 39, 000	58 2 8	24, 600 15, 400	674,000
Manufacturing Primary metal industries Fabricated metal products, except ordnance,	99 18 16 2	83, 500 56, 100 21, 400 3, 440 2, 620	1, 940, 000 1, 310, 000 76, 600 3, 220	37 2 4 1	39, 100 13, 200 2, 940 660 1, 150	1,870,000 541,000 244,000 39,000 33,300	58 2 8 -	24, 600 15, 400 690 1, 650	674,000 243,000 41,200
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies	99 18 16	83, 500 56, 100 21, 400 3, 440 2, 620 500	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300	37 2 4 1	39, 100 13, 200 2, 940 660 1, 150 70	1,870,000 541,000 244,000 39,000 33,300 1,910	58 2 8	24, 600 15, 400 690	674,000 243,000 41,200 - 450
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment	99 18 16 2 3	83, 500 56, 100 21, 400 3, 440 2, 620	1, 940, 000 1, 310, 000 76, 600 3, 220	37 2 4 1	39, 100 13, 200 2, 940 660 1, 150	1,870,000 541,000 244,000 39,000 33,300	58 2 8 -	24, 600 15, 400 690 1, 650 - 50	674,000 243,000 41,200
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture	99 18 16 2 3 9 16 1	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 50	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 133, 000 132, 000 1, 460	37 2 4 1 9	39, 100 13, 200 2, 940 660 1, 150 70	1,870,000 541,000 244,000 39,000 33,300 1,910 22,900	58 2 8 - 1 7 4	24,600 15,400 690 1,650 - 50 940 1,230	67 4, 000 243, 000 41, 200 - 450 51, 200 11, 209
Manufacturing	99 18 16 2 3 9 16 1 5	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 133, 000 132, 000	37 2 4 1 9 -	39, 100 13, 200 2, 940 660 1, 150 70 1, 090	1, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900	58 2 8 - 1 7 4	24, 600 15, 400 690 1, 650 - 50 940	674,000 243,000 41,200 - 450 51,200
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products	99 18 16 2 3 9 16 1 5	83,500 56,100 21,400 3,440 2,620 500 1,570 9,520 50 370	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 133, 000 132, 000 1, 460 9, 580	37 2 4 1 1 9 - 4 -	39, 100 13, 200 2, 940 1, 150 70 1, 090 -	1, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260	58 2 8 - 1 7 4 - 6	24,600 15,400 690 1,650 - 50 940 1,230 1,070	674,000 243,000 41,200 - 51,200 11,200 - 7,900
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Machinery, except electrical Furniture and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials	99 18 16 2 3 9 16 1 5 2 - 1	83,500 56,100 21,400 3,440 2,620 500 1,570 9,520 50 370	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 133, 000 132, 000 1, 460 9, 580	37 2 4 1 1 9 - 4 -	39, 100 13, 200 2, 940 1, 150 70 1, 090 -	1, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260	58 2 8 - 1 7 4 - 6 6 1 1	24,600 15,400 690 1,650 - 50 940 1,230 - 1,070 820 230 10	674,000 243,000 41,200 - 51,200 11,209 7,900 72,600 460 119
Manufacturing Primary metal industries Tabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Bectrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products Textile mill products Textile mill products Textile mill products Leather and leather products Food and kindred products	99 18 16 2 3 9 16 1 5 2 - 1 - 6	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 370 120 -	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 133, 000 132, 000 1, 460 9, 580 3, 860 -	37 2 4 1 9 - 4 - 2 - 1 7	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 250 -	1, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 -	58 2 8 - 1 7 4 - 6 6 6 1 1 1 8	24,600 15,400 690 1,650 - 50 940 1,230 1,070 820 230	674,000 243,000 41,200 51,200 11,200 7,900 72,600 460
Manufacturing	99 18 16 2 3 9 16 1 5 2 - 1 - 6 8	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 370 120 	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 132, 000 1, 460 9, 580 3, 860 - 290 4, 360 146, 000	37 2 4 1 9 - 4 - 2 - 2 - 1 - 7 - 1 1	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 250 - 90 6, 010 120	1, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240	58 2 8 - 1 7 4 - 6 6 1 1 1 1 8 - 1	24,600 15,400 690 1,650 - 50 940 1,230 - 1,070 820 230 10 40 1,070 30	674,000 243,000 41,200 51,200 11,200 7,900 72,600 460 110 1,890 22,100 410
Manufacturing	99 18 16 2 3 9 16 1 5 2 - 1 - 1 -	83,500 56,100 21,400 3,440 2,620 500 1,570 9,520 50 370 120 - 70 670	1,940,000 1,310,000 76,600 3,220 10,300 133,000 132,000 1,460 9,580 3,860 - 290 4,360	37 2 4 1 9 - 4 - 2 - 1 - 7 7	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 250 - 90 6, 010	1, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000	58 2 8 - 1 7 4 - 6 6 1 1 1 8 -	24,600 15,400 690 1,650 - 50 940 1,230 - 1,070 820 230 10 40 1,070	674,000 243,000 41,200 - 450 51,200 11,200 7,900 72,600 72,600 11,890 22,100
Manufacturing	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3 1	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 370 120 - 70 670 3, 750 6, 410 170 20	1,940,000 1,310,000 76,600 3,220 10,300 133,000 132,000 1,460 9,580 3,860 - 290 4,360 146,000 20,400 9,350 100	37 2 4 1 9 - 4 - 2 - 1 7 - 1 3 1	39, 100 13, 200 2, 940 660 1, 150 - 1, 090 - 410 - 250 - 90 6, 010 120 10 250	I, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10, 800	58 2 8 - 1 7 4 - 6 6 1 1 1 8 - 1 6	24,600 15,400 690 1,650 - 50 940 1,230 - 1,070 230 10 40 1,070 30 5,750	674,000 243,000 41,200 - 450 51,200 11,200 7,900 72,600 460 119 1,890 22,100 22,100
Manufacturing	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3	83,500 56,100 21,400 3,440 2,620 500 1,570 9,520 500 370 120 - 70 - 3,750 6,410 170	1,940,000 1,310,000 76,600 3,220 10,300 133,000 133,000 1,460 9,580 3,860 - 290 4,360 146,000 20,400 9,350	37 2 4 1 9 - 4 - 2 - 4 - 2 - 1 - 7 7 - 1 1 3	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 250 - 90 6, 010 120 110	1, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10 320	58 2 8 - 7 4 - 6 6 1 1 1 1 8 - 1 6 2 1	24,600 15,400 690 1,650 - 50 940 1,230 - 1,070 820 230 10 40 1,070 - 30 5,750 680	674,000 243,000 41,200 - 450 51,200 11,209 7,900 72,600 116 1,890 22,100 460 117,000 1,670
Primary metal industries	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3 1 1 2 2 - 2 - 2 - - - - - - - - - - - - -	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 370 120 - 70 670 3, 750 6, 410 170 20 3, 780 590	1,940,000 1,310,000 76,600 3,220 10,300 133,000 1,460 9,580 3,860 - 290 4,360 - 146,000 20,400 9,350 100 60,400 11,700	37 2 4 1 9 - 4 - 2 - 1 7 - 1 3 1	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 250 - 90 6, 010 120 110 250 30	I, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10, 800	58 2 8 - 1 7 4 - 6 6 1 1 1 8 - 1 6 2 1 -	24,600 15,400 690 1,650 - 50 940 1,230 - 1,070 820 230 10 40 1,070 - 30 5,750 680 760 - - - 60	243,000 41,200 51,200 11,200 7,900 72,600 460 116 1,890 22,100 1,670 94,200 5,460
Manufacturing	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3 1 1 2 2 2	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 370 120 - 70 670 3, 750 6, 410 170 20 3, 780 590 1, 050	1,940,000 1,310,000 76,600 3,220 10,300 132,000 132,000 1,460 9,580 3,860 - 290 - 4,360 - 290 - 146,000 0,0,400 - 10,00 5,450	37 2 4 1 9 - 4 - 2 - 1 - 1 3 1 1 3 1 1 -	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 - 90 6, 010 120 10 110 250 30 -	1, 870, 000 541, 000 244, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10, 800 120 -	58 2 8 - 1 7 4 - 6 6 1 1 1 8 - 1 8 - 1 8 - 1 3	24,600 15,400 690 1,650 - 50 940 1,230 - 1,070 820 230 10 40 1,070 5,750 680 760 - - - - - - - - - - - - -	674,000 243,000 41,200 51,200 11,200 7,900 72,600 460 119 1,890 22,100 117,000 1,670 94,200
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies machinery, except electrical Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Food and kindred products Paper and allied products Paper and allied products Printing, publishing, and allied industries Rubber and miscellaneous plastics products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3 1 1 2 2 75	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 370 120 - 70 670 3, 750 6, 410 170 20 3, 780 590	1,940,000 1,310,000 76,600 3,220 10,300 133,000 1,460 9,580 3,860 - 290 4,360 - 146,000 20,400 9,350 100 60,400 11,700	37 2 4 1 9 - 4 - 2 - 1 1 - 7 - 1 1 3 1 1 1 - 37	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 250 - 90 6, 010 120 110 250 30	I, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10, 800	58 2 8 - 1 7 4 - 6 6 1 1 1 8 - 1 6 2 1 -	24,600 15,400 690 1,650 - 50 940 1,230 1,230 230 10,070 230 10,070 30 5,750 680 760 760 350 9,220	674,000 243,000 41,200 51,200 11,200 7,900 72,600 460 119 1,890 22,100 117,000 1,670 94,200
Manufacturing	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3 1 1 2 2 2	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 370 120 - 70 670 3, 750 6, 410 170 20 3, 780 590 1, 050	1,940,000 1,310,000 76,600 3,220 10,300 132,000 132,000 1,460 9,580 3,860 - 290 - 4,360 - 290 - 146,000 0,0,400 - 10,00 5,450	37 2 4 1 9 - 4 - 2 - 1 - 1 3 1 1 3 1 1 -	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 - 90 6, 010 120 10 110 250 30 -	1, 870, 000 541, 000 244, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10, 800 120 -	58 2 8 - 1 7 4 - 6 6 1 1 1 8 - 1 8 - 1 8 - 1 3	24,600 15,400 690 1,650 - 50 940 1,230 1,070 820 230 10 1,070 40 1,070 5,750 680 760 760 760 9,220 3,050	674,000 243,000 41,200 51,200 11,209 7,900 72,600 460 116 1,890 22,100 22,100 1,670 94,200 5,460 3,560 261,000
Manufacturing Primary metal industries Sabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Leather and leather products Food and kindred products Paper and allied products Printing, publishing, and allied industries Rubber and miscellaneous plastics products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries Momanufacturing Agriculture, forestry, and fisheries Mining Contract construction	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3 1 1 2 2 75 - 3 48	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 370 120 - 70 - 70 - 3, 750 6, 410 170 20 3, 780 590 1, 050 27, 400 - 6, 530 18, 100	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 132, 000 132, 000 1, 460 9, 580 3, 860 290 - 4, 360 20, 400 20, 400 20, 400 5, 450 739, 000 - 499, 000	37 2 4 1 9 - 4 - 2 - 1 1 - 7 - 1 1 3 1 1 1 3 7 - 37 - 37	$\begin{array}{r} 39,100\\ \hline 13,200\\ \hline 2,940\\ \hline 660\\ \hline 1,150\\ \hline 70\\ \hline 1,090\\ \hline -\\ 410\\ \hline 250\\ \hline 90\\ \hline 6,010\\ \hline 10\\ 10\\ 110\\ 250\\ \hline 30\\ \hline -\\ -\\ 25,900\\ \hline 14,500\\ \hline 5,100\\ \end{array}$	1, 870, 000 541, 000 244, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10, 800 120 - 1, 330, 000 1, 140, 000	58 2 8 - 1 7 4 - 6 6 1 1 1 8 - 1 6 2 1 - 1 3 48 - 2 20	24,600 15,400 690 1,650 - 50 940 1,230 230 230 230 10 40 1,070 5,750 680 760 - - - - - - - - - - - - -	674,000 243,000 41,200 51,200 11,200 7,900 72,600 460 1,890 22,100 117,000 1,670 94,200 1,670 94,200 2,1670 2,1670 117,000 1,670 94,200 2,1670 1,670 94,200 2,1670 1,77,900 73,900 4,130
Manufacturing Primary metal industries Prabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Pood and kindred products Printing, publishing, and allied industries Chemicals and allied products Printing, publishing, and allied industries Rubber and miscellaneous plastics products Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks Miscellaneous manufacturing industries Agriculture, forestry, and fisheries Mining Contract construction Wholesale and retail trade	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3 1 1 2 2 75 - - - - - - - - - - - - -	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 170 70 6, 70 3, 750 6, 410 170 20 3, 780 590 1, 050 27, 400 6, 530	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 133, 000 132, 000 1, 460 9, 580 3, 860 3, 860 - 290 4, 360 - 146, 000 20, 400 9, 350 100 60, 400 11, 700 5, 450 739, 000	37 2 4 1 9 - 4 - 2 - 1 1 - 7 - 1 1 3 1 1 1 5 - 37	39, 100 13, 200 2, 940 660 1, 150 70 1, 090 - 410 250 - 90 6, 010 120 100 250 30 - - - - - - - - - - - - -	I, 870, 000 541, 000 244, 000 39, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10, 800 120 - 1, 330, 000 1, 140, 000	58 2 8 - 1 7 4 - 6 6 1 1 1 1 8 - 1 6 2 1 - 1 3 48 - 2	24,600 15,400 690 1,650 - 50 940 1,230 1,070 820 230 10 1,070 40 1,070 5,750 680 760 760 760 9,220 3,050	674,000 243,000 41,200 51,200 11,209 7,900 72,600 460 116 1,890 22,100 22,100 22,100 117,000 1,670 94,200 5,460 3,560 261,000
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Betrical machinery, equipment, and supplies Transportation equipment Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Textile mill products Apparel and other finished products made from fabrics and similar materials Poda and allied products Paper and allied products Princip and related industries Professional, scientific, and controlling instruments; photographic and optical goode; watches and clocks Nonmanufacturing Agriculture, forestry, and fisheries Mining Contract construction	99 18 16 2 3 9 16 1 5 2 - 1 - 6 - 8 4 3 1 1 2 2 75 - 3 48 7	83, 500 56, 100 21, 400 3, 440 2, 620 500 1, 570 9, 520 500 1, 570 9, 520 500 1, 070 70 	1, 940, 000 1, 310, 000 76, 600 3, 220 10, 300 133, 000 132, 000 1, 460 9, 580 3, 860 0, 580 3, 860 290 - 4, 360 146, 000 20, 400 9, 350 100 60, 400 11, 700 5, 450 739, 000 20, 000 20, 000 20, 000 13, 300	37 2 4 1 9 - 4 - 2 - 1 - 1 7 7 - 1 1 3 1 1 1 5 - 37 - 37 - 37 - 37 - 37 - 37 - 37 -	$\begin{array}{r} 39,100\\ \hline 13,200\\ \hline 2,940\\ \hline 660\\ \hline 1,150\\ \hline 70\\ \hline 1,090\\ \hline -\\ 410\\ \hline 250\\ \hline 90\\ \hline 6,010\\ \hline 10\\ 10\\ 110\\ 250\\ \hline 30\\ \hline -\\ -\\ 25,900\\ \hline 14,500\\ \hline 5,100\\ \end{array}$	1, 870, 000 541, 000 244, 000 33, 300 1, 910 22, 900 - 6, 260 9, 450 - 800 170, 000 1, 240 10, 800 120 - 1, 330, 000 1, 140, 000	58 2 8 - 1 7 4 - 6 6 1 1 1 8 - 1 6 2 1 - 1 3 48 - 2 0 41	24,600 15,400 690 1,650 - 50 940 1,230 230 230 230 10 40 1,070 5,750 680 760 - - - - - - - - - - - - -	674,000 243,000 41,200 51,200 11,200 7,900 72,600 460 1,890 22,100 117,000 1,670 94,200 1,670 94,200 2,1670 117,000 1,670 94,200 1,73,900 4,130

TABLE A-3. WORK STOPPAGES IN STATES HAVING 25 OR MORE STOPPAGES BY INDUSTRY GROUP, 19591-Continued

See footnotes at end of table.

	Ľ	Nebraska			New Jerse	y		New York	
Industry group	Stoppages	beginning 1959	Man-days idle during	Stoppage	s beginning 1959	Man-days idle during		s beginning 1959	Man-days idle during
	Number	Workers	1959 (all		Workers	1959 (all	Number	Workers	1959 (all
	Number	involved	stoppages)	Number	involved	stoppages)	Number	involved	stoppages)
All industries	25	8, 710	173, 000	249	97, 200	1, 980, 000	470	158, 000	4, 520, 00
Manufacturing	10	7 220	147, 000	166	67, 400	1, 540, 000	304	95, 400	3, 560, 00
Manuacturing	10	7, 220	147,000	100	07,400	1, 540, 000	504	73, ±00	5, 500, 00
Primary metal industries	1	200	15,600	16	7,910	500, 000	12	30, 000	2, 380, 00
Fabricated metal products, except ordnance, machinery, and transportation equipment	-	-	- 1	18	3,880	193,000	29	5, 070	88,80
Ordnance and accessories	-	-	-	-	-	-	-	-	
Electrical machinery, equipment, and supplies	-	-	-	13	9,720	129,000	17	1, 580	39,10
Machinery, except electrical		-		15	10,900	316,000	30	7, 780 9, 460	129,00 143.00
Transportation equipment	1	30	120	Z	4,010	5, 210	13	7,400	145,00
except furniture	1	20	130	1	20	200	6	190	90 130,00
'urniture and fixtures tone, clay, and glass products	- '		-	6 12	300 2, 270	2, 150 39, 700	21 18	4, 020 4, 040	71,70
extile mill products	-	-	-	16	8,810	33, 800	15	5,050	24, 80
pparel and other finished products made from fabrics and similar materials	-	-	-	9	380	6, 540	39	2, 420	19, 10
Leather and leather products	-			1	10	130	6	290	7,65
Food and kindred products	7	6,970	131,000	. 9	4, 480	76, 500	24	15, 300	320, 00
Paper and allied products	-	-	-	8	3, 030	68, 100	12	2, 240	99, 80
Printing, publishing, and allied industries Chemicals and allied products	-	:	-	4	310 4, 230	5, 190 82, 700	2 9	20 1,520	35,00
Petroleum refining and related industries	-	-	-	2	710	2, 130	2	500	2, 45
Rubber and miscellaneous plastics products — Professional, scientific, and controlling	-	-		10	4, 240	59,800	7	470	12, 80
instruments; photographic and optical									
goods; watches and clocks Miscellaneous manufacturing industries	-	-	-	2	40 2,120	3,660 11,700	9 33	3, 170 2, 280	36, 20 16, 10
-									
Nonmanufacturing	- 15	1, 490	26, 200	84	29,800	446,000	168	62,900	956, 0
Agriculture, forestry, and fisheries	-	-	-	-	-	- 1	-	-	
Mining	14	1, 410	4, 490	30	9, 240	135,000	43	2,400	153, 00 47, 30
Wholesale and retail trade	1	80	1, 460	26	4,880	95, 300	56	20,000	467, 0
Finance, insurance, and real estate Fransportation, communication, electric,	-	-	-	3	70	590	3	340	1, 0
gas, and sanitary services	-	-	² 20, 200	17	14, 800	211, 000	36	31, 300	223, 00
Services	:	1 :	-	6 2	360 400	2,010 1,490	25	2, 960 550	62, 40 1, 81
	L	I	I						
	_	Ohio			Oregon			Pennsylvan	ia
				L				F enasy tvua	-
All industries	391	238, 000	9. 630. 000	41		230, 000	454	T	
	391	238,000	9, 630, 000	41	9, 060	230, 000	454	332, 000	14, 800, 00
All industries	<u>391</u> 266	238, 000 204, 000	9, 630, 000 8, 990, 000	<u>41</u> 20		230, 000 200, 000	454 286	T	14, 800, 00
Manufacturing				{	9, 060			332, 000	14, 800, 0 13, 900, 0
Manufacturing Primary metal industries Fabricated metal products, except ordnance,	266	204, 000 106, 000	8, 990, 000 6, 550, 000	20	9, 060 7, 290	200, 000 7, 590	286	332, 000 277, 000 190, 000	14, 800, 0 13, 900, 0 12, 000, 0
Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories	<u>266</u> 51	204, 000	8, 990, 000	20 1	9, 060 7, 290 100	200, 000	286 47	332, 000 277, 000	14, 800, 0 13, 900, 0 12, 000, 0 584, 0
Manufacturing Primary metal industries Pabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and	<u>266</u> 51 43	204, 000 106, 000 22, 200 950	8, 990, 000 6, 550, 000 549, 000 19, 400	20 1 2	9, 060 7, 290 100	200, 000 7, 590	286 47 53	332,000 277,000 190,000 17,300 610	14, 800, 0 13, 900, 0 12, 000, 0 584, 0 14, 9
Manufacturing	266 51 43 2 9 34	204, 000 106, 000 22, 200 950 3, 890 11, 200	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000	20 1 2 - 1	9,060 7,290 100 380 - 130	200, 000 7, 590 5, 770 - 2, 730	286 47 53 3 16 29	332,000 277,000 190,000 17,300 610 11,300 15,800	14, 800, 0 13, 900, 0 12, 000, 0 584, 0 14, 9 154, 0 289, 0
Manufacturing	266 51 43 2 9	204, 000 106, 000 22, 200 950 3, 890	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000	20 1 2 -	9,060 7,290 100 380 -	200, 000 7, 590 5, 770 -	286 47 53 3 16	332,000 277,000 190,000 17,300 610 11,300	14, 800, 0 13, 900, 0 12, 000, 0 584, 0 14, 9 154, 0 289, 0
Manufacturing	266 51 43 2 9 34 15 3	204,000 106,000 22,200 950 3,890 11,200 7,310 210	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 91, 500 2, 820	20 1 2 - 1	9,060 7,290 100 380 - 130	200, 000 7, 590 5, 770 - 2, 730	286 47 53 3 16 29 7 4	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230	14, 800, 0 13, 900, 0 12, 000, 0 584, 0 14, 9 154, 0 289, 0 33, 8 4, 1
Manufacturing	266 51 43 2 9 34 15 3 4	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 91, 500 2, 820 149, 000	20 1 2 - 1 2 6 -	9,060 7,290 100 380 - 130 1,100 3,490	200, 000 7, 590 5, 770 - 2, 730 41, 100 66, 300	286 47 53 3 16 29 7 4 18	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050	14, 800, 0 13, 900, 0 12, 000, 0 584, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6
Manufacturing	266 51 43 2 9 34 15 3 4	204,000 106,000 22,200 950 3,890 11,200 7,310 210	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 91, 500 2, 820	20 1 2 - 1 2	9,060 7,290 100 380 - 130 1,100	200, 000 7, 590 5, 770 - 2, 730 41, 100	286 47 53 3 16 29 7 4	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230	14, 800, 0 13, 900, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0
Manufacturing	266 51 43 2 9 34 15 3 4 38	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 91, 500 2, 820 149, 000 210, 000	20 1 2 - 1 2 6 - 2 -	9,060 7,290 100 380 - 130 1,100 3,490 270	200, 000 7, 590 5, 770 - 2, 730 41, 100 66, 300 11, 900	286 47 53 3 16 29 7 4 18 22 11	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 1,230 2,050 5,930 1,960	14, 800, 0 13, 900, 0 12, 000, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0 14, 7
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 - 1,180 180	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 91, 500 2, 820 149, 000 210, 000 - - 6, 020 180	20 1 2 - 1 2 6 - 2 - 1	9,060 7,290 100 380 - 130 1,100 3,490 270 - 50	200, 000 7, 590 5, 770 2, 730 41, 100 66, 300 11, 900 3, 350	286 47 53 3 16 29 7 4 18 22 11 11 29 4	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,960 11,600	14, 800, 0 13, 900, 0 12, 000, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 11 34, 6 276, 0 14, 7 115, 0 8, 7
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5	204,000 106,000 22,200 3,890 11,200 7,310 210 2,770 13,100 	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 91, 500 2, 820 149, 000 210, 000	20 1 2 - 1 2 6 2 - 1 1 4	9,060 7,290 100 380 - 130 1,100 3,490 270	200, 000 7, 590 5, 770 - 2, 730 41, 100 66, 300 11, 900	286 47 53 3 16 29 7 7 4 18 22 11 11 29 4 4	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,960 11,600 580 3,120	14, 800, 0 13, 900, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0 14, 7 115, 0 8, 7 85, 2
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 3 4 38 - 5 1 15 - 1	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 - 1,180 180 4,570 150	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 91, 500 2, 820 149, 000 210, 000 - 6, 020 180 86, 000 8, 360	20 1 2 - 1 2 6 - 2 - 1 4	9,060 7,290 100 380 1,100 3,490 270 50 490	200, 000 7, 590 5, 770 2, 730 41, 100 66, 300 11, 900 3, 350 15, 200	286 47 53 3 16 29 7 4 18 22 11 11 29 4 14 1 4	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,960 11,600 3,120 900 310	14, 800, 0 13, 900, 0 12, 000, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 11 34, 6 276, 0 14, 7 115, 0 8, 7 85, 2 6, 3 7, 8
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 1 6	204,000 106,000 22,200 950 3,890 1,890 1,800 2,770 13,100 - 1,180 180 4,570 1,050	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 21, 500 21, 820 149, 000 210, 000 210, 000 86, 000 86, 000 8, 360 9, 910	20 1 2 - 1 2 6 - 2 - 1 4 4 4 -	9,060 7,290 100 380 - 130 1,100 3,490 270 - 50	200, 000 7, 590 5, 770 2, 730 41, 100 66, 300 11, 900 3, 350	286 47 53 3 16 29 7 4 18 22 21 11 29 4 14 14 4	332,000 277,000 190,000 17,300 610 15,800 5,030 1,230 2,050 5,930 1,960 11,600 580 3,120 900 310 700	14, 800, 0 13, 900, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0 14, 7 115, 0 8, 7 85, 2 6, 3 7, 8 3, 6
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 - 1 6 11	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 13,100 1,180 180 4,570 1,050 3,050	8, 990, 000 6, 550, 000 549, 000 19, 400 335, 000 91, 500 2, 826 149, 000 210, 000 210, 000 6, 020 180 8, 000 8, 360 9, 910 39, 500	20 1 2 - 1 2 6 - 2 - 1 4	9,060 7,290 100 380 1,100 3,490 270 50 490	200, 000 7, 590 5, 770 2, 730 41, 100 66, 300 11, 900 3, 350 15, 200	286 47 53 3 16 29 7 4 18 22 11 29 4 14 1 4 4 10	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,960 11,600 3,120 900 310 700 890	14, 800, 0 13, 900, 0 12, 000, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0 14, 7 115, 0 8, 7 85, 2 6, 3 7, 8 3, 6 25, 8
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 3 4 38 - 5 1 15 15 11 15 15 11 15 15 11 15 15 11 15 15	204,000 106,000 22,200 950 3,890 1,890 1,800 2,770 13,100 - 1,180 180 4,570 1,050	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 21, 500 21, 820 149, 000 210, 000 210, 000 86, 000 86, 000 8, 360 9, 910	20 1 2 - 1 2 6 - 2 - 1 - 1 4 -	9,060 7,290 100 380 1,100 3,490 270 50 490 1,280	200, 000 7, 590 5, 770 2, 730 41, 100 66, 300 11, 900 3, 350 15, 200	286 47 53 3 16 29 7 4 18 22 11 11 29 4 14 1 4 4 4 10	332,000 277,000 190,000 17,300 610 15,800 5,030 1,230 2,050 5,930 1,960 11,600 580 3,120 900 310 700	14, 800, 0 13, 900, 0 12, 000, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0 14, 7 115, 0 8, 7 85, 2 6, 3 7, 8 3, 6 25, 8
Manufacturing	266 51 43 2 9 34 15 3 4 38 5 1 15 1 15 1 15 1 15 1 15 1 15 1 21	204,000 106,000 22,200 950 1,890 1,800 1,800 1,100 1,180 180 4,570 1,050 3,050 22,700	8, 990, 000 6, 550, 000 19, 400 19, 400 335, 000 91, 500 2, 820 149, 000 210, 000 210, 000 86, 000 86, 000 9, 910 39, 500 698, 000	20 1 2 - - 1 2 6 - 2 - 1 - 4 - 1 - - 1 2 6 - - - - 1 2 - - - 1 2 - - - - 1 2 - - - -	9,060 7,290 100 380 1,100 3,490 270 50 490 1,280	200,000 7,590 5,770 2,730 41,100 66,300 11,900 3,350 15,200 45,900	286 47 53 3 16 29 7 4 18 22 29 7 4 11 29 4 14 14 1 4 4 4 0 - 8	332,000 277,000 190,000 17,300 610 11,300 5,030 1,230 2,050 5,930 1,230 2,050 1,960 11,600 580 3,120 900 310 700 890 4,430	14, 800, 0 13, 900, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0 14, 7 115, 0 8, 7 85, 2 6, 3 7, 8 3, 6 25, 8 147, 0
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 - 1 6 11 21 4	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 13,100 1,180 4,570 1,050 3,050 22,700 880	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 21, 500 2, 820 149, 000 210, 000 210, 000 6, 020 8, 360 9, 910 39, 500 698, 000 3, 890	20 1 2 - 1 2 6 - 2 - 1 1 - 4 6 - 2 - 1 1 2 8 - 1 2 8 - 1 2 8 - 1 2 8 - 1 2 8 - 1 8 - - 1 8 - - - -	9,060 7,290 100 380 130 1,100 3,490 270 50 490 1,280	200,000 7,590 5,770 2,730 41,100 66,300 11,900 3,350 15,200 45,900	286 47 53 3 16 29 7 4 18 22 11 11 29 4 14 14 14 10 - 8 8	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,230 2,050 5,930 1,960 11,600 580 3,120 900 4,430 2,980	14, 800, 00 13, 900, 00 12, 000, 00 14, 90 154, 00 289, 00 33, 80 4, 10 34, 60 276, 00 14, 70 85, 20 6, 33 7, 85 3, 60 147, 00 75, 56
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 1 15 1 15 1 15 21 4 6	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 - 1,180 4,570 1,050 3,050 22,700 880 2,390	8, 990, 000 6, 550, 000 549, 000 19, 400 135, 000 335, 000 2, 820 149, 000 210, 000 210, 000 8, 000 8, 360 9, 910 39, 500 698, 000 3, 890 71, 400		9,060 7,290 100 380 130 1,100 3,490 270 50 490 1,280	200,000 7,590 5,770 - 2,730 41,100 66,300 11,900 3,350 15,200 - 45,900	286 47 53 3 16 29 7 4 18 22 29 7 4 11 29 4 11 1 29 4 11 1 4 10 - 8 3 2	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,960 11,600 3,120 910 610 3,120 910 4,430 2,980 150	14, 800, 0 13, 900, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0 14, 7 115, 0 85, 22 6, 3 7, 8 3, 6 3, 6 147, 0 147, 0
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 - 1 6 11 21 4	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 13,100 1,180 4,570 1,050 3,050 22,700 880	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 21, 500 2, 820 149, 000 210, 000 210, 000 6, 020 8, 360 9, 910 39, 500 698, 000 3, 890		9,060 7,290 100 380 - 130 1,100 3,490 270 50 490 - 1,280	200,000 7,590 5,770 2,730 41,100 66,300 11,900 3,350 15,200 45,900	286 47 53 3 16 29 7 4 18 22 11 11 29 4 14 14 14 10 - 8 8	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,230 2,050 5,930 1,960 11,600 580 3,120 900 4,430 2,980	14, 800, 0 13, 900, 0 12, 000, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 1 34, 6 276, 0 14, 7 115, 0 8, 7 85, 22 6, 33 7, 8 3, 6 25, 8 147, 0 75, 5; 3, 2
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 - 1 6 11 21 4 6 126 - 1	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 1,180 4,570 1,050 3,050 22,700 880 2,390 34,100 510	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 21, 500 2, 820 149, 000 210, 000 210, 000 6, 020 6, 020 8, 360 9, 910 39, 500 698, 000 3, 890 71, 400 633, 000		9,060 7,290 100 380 130 1,100 3,490 270 50 490 1,280 1,280	200,000 7,590 5,770 2,730 41,100 66,300 11,900 3,350 15,200 45,900 30,200	286 47 53 3 16 29 4 12 4 14 10 - 3 2 169	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,059 5,930 1,260 11,600 11,600 3,120 900 300 310 700 890 4,430 2,980 150 55,000	14, 800, 0 13, 900, 0 12, 000, 0 12, 000, 0 14, 9 154, 0 289, 0 33, 8 4, 11 34, 6 276, 0 14, 7 115, 0 8, 7 85, 2 6, 3 7, 8 3, 6 25, 8 147, 0 75, 5 3, 2 874, 0 14, 9 14, 9 154, 0 14, 9 154, 0 14, 9 154, 0 154,
Primary metal industries	266 51 43 2 9 34 15 3 4 38 - 5 1 15 1 15 1 15 1 15 1 15 1 15 1 21 4 6 126	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 13,100 1,180 180 4,570 1,050 3,050 22,700 880 2,390 34,100 510 1,000	8, 990, 000 6, 550, 000 19, 400 19, 400 335, 000 91, 500 2, 820 149, 000 210, 000 210, 000 6, 020 180 8, 000 8, 360 9, 910 39, 500 698, 000 3, 890 71, 400 633, 000 510 1, 580	20 1 2 - - 1 2 6 - 2 - 1 - 4 - - 1 - - - 1 2 - - - - - - - - - - - -	9,060 7,290 100 380 1,100 3,490 270 50 490 1,280 1,280 1,280	200,000 7,590 5,770 - 2,730 41,100 66,300 11,900 - 3,350 15,200 - 45,900 - - - - - - - - - - - - - - - - - -	286 47 53 3 16 29 7 4 18 22 29 7 4 11 29 4 11 1 29 4 11 1 4 10 - 8 3 2	332,000 277,000 190,000 17,300 610 11,300 5,030 1,230 1,230 1,230 1,960 11,600 3,120 900 310 700 890 4,430 2,980 150 55,000 14,800	14, 800, 00 13, 900, 00 12, 000, 00 12, 000, 00 14, 91 154, 00 289, 00 33, 80 4, 10 34, 60 276, 00 14, 77 115, 00 14, 77 115, 00 14, 77 85, 22 6, 33 7, 85 25, 80 147, 00 75, 55 3, 27 874, 00 407, 00
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 - 1 6 11 15 - 1 6 11 - 1 6 11 - 1 5 1 15 - 1 5 1 3 4 38 - 5 1 15 3 4 38 - 15 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 15 3 3 4 15 5 1 15 1 3 4 3 15 15 3 4 15 15 1 3 4 15 15 1 3 4 15 15 1 15 1	204,000 106,000 22,200 950 3,890 11,200 7,310 210 2,770 13,100 1,180 4,570 1,050 3,050 22,700 880 2,390 34,100 510	8, 990, 000 6, 550, 000 549, 000 19, 400 161, 000 335, 000 21, 500 2, 820 149, 000 210, 000 210, 000 6, 020 6, 020 8, 360 9, 910 39, 500 698, 000 3, 890 71, 400 633, 000	20 1 2 - - - - - - - - - - - - -	9,060 7,290 100 380 130 1,100 3,490 270 50 490 1,280 1,280	200,000 7,590 5,770 2,730 41,100 66,300 11,900 3,350 15,200 45,900 30,200	286 47 53 3 16 29 7 4 18 22 11 11 29 4 14 14 1 4 4 4 0 - 8 8 3 2 169 - 28 56 542	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,960 11,600 3,120 900 310 700 890 4,430 2,980 155,000 	14, 800, 00 13, 900, 00 12, 000, 00 12, 000, 00 14, 90 289, 00 33, 80 4, 10 34, 60 276, 00 14, 70 115, 00 85, 22 6, 33 7, 85 3, 60 147, 00 75, 55 3, 27 874, 00 407, 00 246, 00 44, 60
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 5 1 15 21 4 6 11 21 4 6 126 - 1 5 49	204,000 106,000 22,200 950 3,890 1,200 7,310 210 2,770 13,100 - 1,180 4,570 1,050 3,050 22,700 22,700 880 2,390 34,100 18,000	8, 990, 000 6, 550, 000 19, 400 19, 400 119, 400 119, 400 235, 000 210, 000 210, 000 210, 000 210, 000 149, 000 210, 000 6, 020 149, 000 210, 000 6, 020 149, 000 210, 000	20 1 2 - - 1 2 6 - 2 - 1 4 - - 1 2 1 - - - 1 2 - - - - 2 1 2 - - - -	9,060 7,290 100 380 - 130 1,100 3,490 270 - 50 490 - 1,280 - 1,280 - - - - - - - - - - - - - - - - - - -	200, 000 7, 590 5, 770 - 2, 730 41, 100 66, 300 11, 900 11, 900 3, 350 15, 200 - 45, 900 - - - - - - - - - - - - - - - - - -	286 47 53 3 16 29 7 4 18 22 29 7 4 18 22 11 1 29 4 14 1 4 4 10 - 8 3 2 2 169	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,230 2,050 5,930 1,960 11,600 3,120 710 710 710 710 710 710 710 71	14, 800, 00 13, 900, 00 12, 000, 00 12, 000, 00 14, 90 289, 00 33, 80 4, 10 34, 60 276, 00 14, 70 115, 00 85, 22 6, 33 7, 85 3, 60 147, 00 75, 55 3, 27 874, 00 407, 00 246, 00 44, 60
Manufacturing	266 51 43 2 9 34 15 3 4 38 - 5 1 15 - 1 6 11 15 - 1 6 11 - 1 6 11 - 1 5 1 15 - 1 5 1 3 4 38 - 5 1 15 3 4 38 - 15 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 34 15 5 1 15 3 3 4 15 5 1 15 1 3 4 3 15 15 3 4 15 15 1 3 4 15 15 1 3 4 15 15 1 15 1	204,000 106,000 22,200 950 3,890 1,200 7,310 210 2,770 13,100 - 1,180 4,570 1,050 3,050 22,700 22,700 880 2,390 34,100 18,000	8, 990, 000 6, 550, 000 19, 400 19, 400 119, 400 119, 400 235, 000 210, 000 210, 000 210, 000 210, 000 149, 000 210, 000 6, 020 149, 000 210, 000 6, 020 149, 000 210, 000	20 1 2 - - - - - - - - - - - - -	9,060 7,290 100 380 - 130 1,100 3,490 270 - 50 490 - 1,280 - 1,280 - - - - - - - - - - - - - - - - - - -	200, 000 7, 590 5, 770 - 2, 730 41, 100 66, 300 11, 900 11, 900 3, 350 15, 200 - 45, 900 - - - - - - - - - - - - - - - - - -	286 47 53 3 16 29 7 4 18 22 11 11 29 4 14 14 1 4 4 4 0 - 8 8 3 2 169 - 28 56 542	332,000 277,000 190,000 17,300 610 11,300 15,800 5,030 1,230 2,050 5,930 1,960 11,600 3,120 900 310 700 890 4,430 2,980 155,000 	14, 800, 00 13, 900, 00 12, 000, 00 12, 000, 00 14, 90 154, 00 289, 00 33, 80 4, 16 34, 66 34, 66 34, 66 35, 66 147, 00 75, 55 3, 27 874, 00 407, 00 206, 00 44, 66 41, 91 201, 00 15, 10 12, 000, 00 14, 70 14, 70

TABLE A-3. WORK STOPPAGES IN STATES HAVING 25 OR MORE STOPPAGES BY INDUSTRY GROUP, 1959 -Continued

			······	· · · · · · · · · · · · · · · · · · ·					
		Tennessee			Texas			Virginia	
Industry group	Stoppages	beginning 1959	Man-days idle during	Stoppages in 1	beginning 1959	Man-days idle during	Stoppages in 1	beginning 959	Man-days idle during
	Number	Workers	1959 (all	Number	Workers	1959 (all	Number	Workers	1959 (all
	<u> </u>	involved	stoppages)		involved	stoppages)	<u> </u>	involved	stoppages)
All industries	60	18,700	462,000	75		1,310,000	53	15,000	113,000
Manufacturing	30	12,200	266,000	31	15,100	900,000	18	3,860	51,700
Primary metal industries Fabricated metal products, except ordnance,	4	2,850	34,400	7	4,650	381,000	3	860	4,220
machinery, and transportation equipment	3	620	21,000	2	660	42,600	3	520	33,100
Ordnance and accessories Electrical machinery, equipment, and	-		-	-	-	-	-	-	-
supplies	1	190	4, 370	1	30	590	1	550	550
Machinery, except electrical Transportation equipment	4	280 340	14,500 2,030	8	• 1,190	89, 800 ² 6, 260	-	-	-
Lumber and wood products,				_	_	-,	. –	-	_
except furniture		60	1,760	2	130	7,210	-	-	-
Stone, clay, and glass products	5	1,760	9,180	2	240	2,500	-	-	-
Textile mill products Apparel and other finished products made	1	750	3,000	-	-	-	2	130	1,350
from fabrics and similar materials		-	-	1	160	32,300	3	300	1,850
Leather and leather products	3	1,270	41,700	1 4	590 1,140	1,180 38,600	1	130 120	1,040 480
Tobacco manufactures Paper and allied products	ī	20	740	- 2	300	-	-	-	-
Printing, publishing, and allied industries	- 1	-	- 1	-	- 300	6,330	3	50	3,090
Chemicals and allied products Petroleum refining and related industries	2	710	3,720	-2	6,000	292,000	1	1,210	6,050
Rubber and miscellaneous plastics products	2	3,090	129,000	-	- 0,000		-]	-
Professional, scientific, and controlling instruments; photographic and optical									
goods; watches and clocks	-	-	-	-	-	-	-	· -	-
Miscellaneous manufacturing industries	1	240	480	1	20	580	-	-	-
Nonmanufacturing	31	6,570	196,000	45	15,300	411,000	35	11,200	61,800
Agriculture, forestry, and fisheries Mining	5	5.030	178,000	4	470	11,600	- 19	5,150	14, 700
Contract construction	19	1,270	3,990	24	9,000	327,000	10	3,350	25,500
Wholesale and retail trade Finance, insurance, and real estate	3	130	5,900	11	350	11,900	2	30	250
Transportation, communication, electric,	3	120	9 540		E 420	(0, 400		2 (10	
gas, and sanitary services	1	120 20	8,560 80	6	5,430	60,400 -	4	2,640	21,400
Government									,
	-	-	-	-	-	-	-	-	• .
	-	- Washington		-	- West Virginia			Wisconsin	-
		·····	-	······	West Virginia		-	Wisconsin	
All industries	58	_33,900	911,000	104	38,600	924,000	61	20,900	699,000
All industries Manufacturing	- 58 21 5	33,900 15,800	635,000	······	38,600 17,300	924,000 491,000	37	20, 900 16, 200	699,000 585,000
All industries Manufacturing Primary metal industries Fabricated metal products, except ordnance,	21 5	33,900 15,800 3,090	635,000 221,000	104 35 6	38,600 17,300 5,530	924,000 491,000 230,000	<u> </u>	20,900 16,200 630	699,000 585,000 7,730
All industries Manufacturing Primary metal industries	21	33,900 15,800	635,000	104 35	38,600 17,300	924,000 491,000	37	20, 900 16, 200	699,000 585,000
All industries Manufacturing Primary metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and	21 5 1	33,900 15,800 3,090	635,000 221,000	104 35 6	38,600 17,300 5,530	924,000 491,000 230,000	37 4 6 -	20, 900 16, 200 630 890	699,000 585,000 7,730 26,700
All industries	21 5 1 - 2	33,900 15,800 3,090 960 - 1,300	635,000 221,000 59,500 67,800	104 35 6 8 - 1	38,600 17,300 5,530 2,810 - 50	924,000 491,000 230,000 77,800 - 2,810	37 4 6 - 1 4	20,900 16,200 630	699,000 585,000 7,730
All industries	21 5 1 -	33,900 15,800 3,090 960 -	635,000 221,000 59,500	104 35 6 8 -	38,600 17,300 5,530 2,810	924,000 491,000 230,000 77,800	37 4 6 - 1	20,900 16,200 630 890 - 60	699,000 585,000 7,730 26,700
All industries Manufacturing Fabricated metal industries Fabricated metal products, except ordnance, machinery, and transportation equipment Ordnance and accessories Electrical machinery, equipment, and supplies Machinery, except electrical Transportation equipment Lumber and wood products, except furniture	21 5 1 - 2	33,900 15,800 3,090 960 - 1,300	635,000 221,000 59,500 67,800	104 35 6 8 - 1 1 1	38,600 17,300 5,530 2,810 - - 50 140	924,000 491,000 230,000 77,800 - 2,810 6,210	37 4 6 - 1 4 2 1	20,900 16,200 630 890 - 60 8,110 120 160	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650
All industries	21 5 1 - 2 2	33,900 15,800 3,090 960 - 1,300 4,830 5,000	635,000 221,000 59,500 67,800 235,000 39,000	104 35 6 8 - 1 1 1 -	38,600 17,300 5,530 2,810 - - 50 140 2,70	924,000 491,000 230,000 77,800 - 2,810 6,210 820	37 4 6 - 1 4 2 1 3	20,900 16,200 630 890 - 60 8,110 120 160 150	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480
All industries	21 5 1 - 2 2 8 -	33, 900 15, 800 3, 090 960 - 1, 300 4, 830	635,000 221,000 59,500 - 67,800 235,000	104 35 6 8 - 1 1 1	38,600 17,300 5,530 2,810 - - 50 140	924,000 491,000 230,000 77,800 - 2,810 6,210	37 4 6 - 1 4 2 1	20,900 16,200 630 890 - 60 8,110 120 160	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650
All industries	21 5 1 - 2 2 8 -	33,900 15,800 3,090 960 - 1,300 4,830 5,000	635,000 221,000 59,500 67,800 235,000 39,000	104 35 6 8 - 1 1 1 -	38,600 17,300 5,530 2,810 - - 50 140 2,70	924,000 491,000 230,000 77,800 - 2,810 6,210 820	37 4 6 - 1 4 2 1 3	20,900 16,200 630 890 - 60 8,110 120 160 150	699,000 585,000 7,730 26,700 10,300 419,000 5,290 650 3,480 500
All industries	21 5 1 - 2 2 8 - - -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - -	635,000 221,000 59,500 67,800 235,000 39,000 7,680	104 35 6 8 - 1 1 1 1 10 - 1	38,600 17,300 5,530 2,810 	924,000 491,000 230,000 77,800 - 2,810 6,210 820 119,000 - 3,830	37 4 6 - 1 4 2 1 3 1 - - 1	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800
All industries	21 5 1 - 2 2 8 -	33,900 15,800 3,090 960 - 1,300 4,830 5,000	635,000 221,000 59,500 67,800 235,000 39,000	104 35 6 - - 1 1 1 - 1 1 - - - - -	38,600 17,300 5,530 2,810 - - 50 140 - 270 5,820	924,000 491,000 230,000 77,800 - 2,810 6,210 - 820 119,000	37 4 6 - 1 4 2 1 3 1 -	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 2000 1,490	699,000 585,000 7,730 26,700 10,300 419,000 5,290 650 3,480 500
All industries	21 5 1 - 2 2 8 - 2 - 3	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 -	635,000 221,000 59,500 67,800 235,000 39,000 7,680	104 35 6 8 - 1 1 1 1 10 - 1	38,600 17,300 5,530 2,810 	924,000 491,000 230,000 77,800 - 2,810 6,210 820 119,000 - 3,830	37 4 6 - 1 4 2 1 3 1 - - 1 5 - 2	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 540	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800 3,150
All industries	21 5 1 - 2 2 8 - 3 - 3 - -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - -	635,000 221,000 59,500 - 67,800 235,000 39,000 7,680 - - - 3,530	104 35 6 8 - 1 1 1 1 10 - 1	38,600 17,300 5,530 2,810 - 50 140 - 270 5,820 - 370 140	924,000 491,000 230,000 77,800 - 2,810 6,210 820 119,000 - 3,830	37 4 6 - 1 4 2 1 3 1 - - 1 5 5	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 2000 1,490	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800
All industries	21 5 1 - 2 2 8 - - - 3 -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - -	635,000 221,000 59,500 67,800 235,000 39,000 7,680 	104 35 6 - 1 1 1 10 - 1 1 10 - 1 1 - 1 1 -	38,600 17,300 5,530 2,810 - 50 140 - 270 5,820 - 370 140 - -	924,000 491,000 230,000 77,800 - 2,810 6,210	37 4 6 - 1 4 2 1 3 1 - 1 5 - 2 2 2	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 - 540 910 -	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800 34,800 3,150 9,230 -
All industries	21 5 1 - 2 2 8 - 3 - 3 - -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - -	635,000 221,000 59,500 - 67,800 235,000 39,000 7,680 - - - 3,530	104 35 6 - 1 1 1 10 - 1 1 10 - 1 1 - 1 1 -	38,600 17,300 5,530 2,810 - 50 140 - 270 5,820 - 370 140 - -	924,000 491,000 230,000 77,800 - 2,810 6,210	37 4 6 - 1 4 2 1 3 1 - - 1 5 - 2	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 540	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800 3,150
All industries	21 5 1 - 2 2 8 - 3 - 3 - -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - -	635,000 221,000 59,500 - 67,800 235,000 39,000 7,680 - - - 3,530	104 35 6 - 1 1 1 10 - 1 1 10 - 1 1 - 1 1 -	38,600 17,300 5,530 2,810 - 50 140 - 270 5,820 - 370 140 - -	924,000 491,000 230,000 77,800 - 2,810 6,210	37 4 6 - 1 4 2 1 3 1 - - 1 5 - 2 2 - 3	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 - 2,750	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 3,480 34,800 34,800 34,800 41,200
All industries	21 5 1 - 2 2 8 - - - - - - - - - - - - - - - -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - -	635,000 221,000 59,500 67,800 235,000 39,000 7,680 	104 35 6 - - 1 1 1 1 - - - - - - - - - - - - -	38,600 17,300 5,530 2,810 - 50 140 - 270 5,820 - 370 140 - 1,280 - 860	924,000 491,000 230,000 77,800 - 2,810 6,210	37 4 6 - 1 4 2 1 3 1 - 1 5 - 2 2 2	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 - 540 910 -	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800 34,800 3,150 9,230 -
All industries	21 5 1 - 2 2 8 - - - - - - 1 - - - 1 -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - -	635,000 221,000 59,500 67,800 235,000 39,000 7,680 	104 35 6 8 - 1 1 1 1 1 1 - - - - - - - - - - - - -	38,600 17,300 5,530 2,810 - - - - - - - - - - - - -	924,000 491,000 230,000 77,800 - 2,810 6,210 119,000 - 3,830 1,380 - 31,000	37 4 6 - 1 4 2 1 3 1 - - - 2 2 - - 3 1	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 - 2,750 120	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800 3,150 9,230 - 41,200 10,100
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All industries	21 5 1 - 2 2 8 2 - 3 - 1 - - 3 7 - - 3 7	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - - - - - - - - - - - - -	635,000 221,000 59,500 235,000 39,000 7,680 - - - 3,530 - - - - - - - - - - - - - - - - - - -	$ \begin{array}{r} 104 \\ 35 \\ 6 \\ 7 \\ - \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ - \\ - \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ - \\ $	38,600 17,300 5,530 2,810 - 50 140 270 5,820 - 370 140 - 1,280 - - - 860 21,300 15,000	924,000 491,000 230,000 77,800 - 2,810 6,210 820 119,000 3,830 1,380 31,000 18,900 432,000 318,000	37 4 6 - 1 4 2 1 3 1 - - - - - - - - - - - - - - - - -	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 - 2,750 120 20 4,780 840°	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800 34,800 3,150 9,230 - 41,200 10,100 320 115,000 68,800
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All industries	21 5 1 - 2 2 8 - - 3 - - - 3 7 - - - 3 7 - - - - - - -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - - - - - - - - - - - - -	635,000 221,000 59,500 - - - - - - - - - - - - - - - - - -	104 35 6 8 - 1 1 1 1 1 1 1 1 1 1 1 - - - - - - - - - - - - -	38,600 17,300 5,530 2,810 - 50 140 5,820 - 370 140 - 370 140 - 1,280 - 1,280 - - 1,280 - - 1,300 - - - - - - - - - - - - -	924,000 491,000 230,000 77,800 - 2,810 6,210 - 820 119,000 1,380 1,380 1,380 - 31,000 432,000 318,000 89,500	37 4 6 - 1 4 2 1 3 1 - - 1 5 - 2 2 - - 3 3 1 1 2 4 - - 1 8 9	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 - 2,750 120 20 4,780 840 3,060	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800 32,00 10,100 33,100 10,200 115,000 - 2,320 - 2,320
All industries	21 5 1 - 2 2 8 2 - 3 - 3 - 1 - - 3 7 - - - 3 7 - - - - - - - - - - -	33,900 15,800 3,090 960 - 1,300 4,830 5,000 480 - 120 - - - - - - - - - - - - -	635,000 221,000 59,500 39,000 7,680 - - - 3,530 - - - - - - - - - - - - - - - - - - -	$ \begin{array}{r} 104 \\ 35 \\ 6 \\ 8 \\ - \\ 1 \\ $	38,600 17,300 5,530 2,810 - 50 140 - 270 5,820 - 370 140 - 1,280 - 1,280 - 1,280 - 1,280 - - 370 140 - - 370 140 - - 370 - - - - - - - - - - - - -	924,000 491,000 230,000 77,800 - 2,810 6,210	37 4 6 - 1 4 2 1 3 1 - - - - - - - - - - - - - - - - -	20,900 16,200 630 890 - 60 8,110 120 160 150 10 - 200 1,490 540 910 - 2,750 120 20 4,780 840 3,060 480 - 310	699,000 585,000 7,730 26,700 - 10,300 419,000 5,290 650 3,480 500 - 11,800 34,800 3,150 9,230 - 41,200 10,100 320 115,000 - 68,800 33,100 10,200

¹ No work stoppages were recorded during 1959 for the industry groups for which no data are presented. ² Idleness in 1959 resulting from stoppages that began in 1958. In some other cases, the man-days of idleness may refer to more stoppages than are shown for the State and industry group since the man-day figures refer to all strikes in effect, whereas the number of stoppages and workers refers only to stoppages beginning in the year.

NOTE: Stoppages extending into 2 or more industry groups have been counted in each industry group affected; workers involved and man-days idle were allocated among the respective groups. Because of rounding, sums of individual items may not equal totals.

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Three-year contracts in the basic steel industry, negotiated by the United Steelworkers of America (AFL-CIO) in 1956 after a 36-day strike, were scheduled to expire on June 30, 1959. The negotiation of new contracts was accomplished after the largest strike, measured in terms of size and duration, in the history of the United States. The strike directly involved 519,000 workers and resulted in 41.9 million man-days of idleness, a volume of idleness exceeded by the total for all stoppages in only 3 of the past 30 years. Secondary idleness in industries dependent on steel operations is not accounted for in these figures.

The purpose of this appendix is not to present an analysis of the strike but rather to provide a record of the strike's more significant developments and its industrial and geographical dimensions. The first part, a chronology, was drawn principally from newspaper accounts and the public reports issued by the Board of Inquiry appointed by the President. The second part, consisting of three tables which have not heretofore been published, was constructed from the data collected by the Bureau of Labor Statistics for this annual report.

Part I. The Strike Chronology

Prenegotiation sparring

January-February-March

Indications of an impending dispute over new contract terms became evident early in 1959. Preliminary tactics were confined to general statements, tending to show how far apart industry and union were likely to be in their initial contacts. Company spokesmen expressed their opposition to "inflationary" wage boosts. Steel production rose as consumers built up inventories. Foreign competition, which was to be cited many times in the looming dispute, was introduced by producers as a factor to be considered in negotiations.

President Eisenhower, in a February press conference, stated that "I have always urged that wage increases should be measured by increase of productivity, and I think there would be no inflationary effect if they were measured by that criterion."

April 1

Kaiser Steel Corp., replacing Pittsburgh Steel Co., joined the "big twelve" companies who were to participate in negotiations scheduled to begin May 18.¹² Individual company meetings with representatives of the United Steelworkers of America were scheduled for the week of May 18, after which talks would be recessed until June 1. At that time, negotiations were to be resumed, to be handled for the industry by representatives from three of the companies—United States Steel, Republic Steel, and Bethlehem Steel—instead of by the 12 major producers. Representatives from the same three top producers also handled the 1956 negotiations.

R. Conrad Cooper, of U.S. Steel, was to lead the industry's bargaining group, which also included R. Heath Larry, of U.S. Steel, H.C. Lumb, counsel for Republic Steel, and John H. Morse, counsel for Bethlehem Steel. David J. McDonald was to head the union negotiators, assisted by Howard R. Hague, union vice president, I.W. Abel, secretary, and Arthur J. Goldberg, general counsel.

¹² United States Steel Corp., Bethlehem Steel Corp., Republic Steel Corp., Jones and Laughlin Steel Corp., Youngstown Sheet and Tube Co., Inland Steel Co., Armco Steel Corp., Great Lakes Steel Corp., Kaiser Steel Corp., Colorado Fuel and Iron Corp., Wheeling Steel Corp., and Allegheny Ludlum Steel Corp.

April 10

A 1-year extension of current wages and other benefits was proposed in a letter sent by the 12 companies to the union president. It was also proposed that cost-of-living escalator clauses contained in current agreements be eliminated. Mr. McDonald promptly rejected the proposals.

April 13

In a letter to the steel producers, the union head proposed: (1) That negotiations begin May 4 instead of May 18, (2) no price increases during the life of any new agreement reached, and (3) that any settlement should protect real wages and provide increases in wages and other benefits justified by increased output and industry profits.

April 15

In reply to Mr. McDonald, industry spokesmen agreed to earlier bargaining sessions, but rejected or refused to discuss the other parts of the union proposal.

April 20

Industry and union agreed to start contract talks in New York on May 5.

April 30-May 1

United Steelworkers' wage policy committee drew up a "comprehensive" bargaining program calling for "substantial" wage increases, cost-of-living adjustments, improved insurance and pensions, increased weekend pay, shorter workweeks, improved supplemental unemployment benefits, additional paid holidays and greater vacation benefits, revised grievance procedures, and improved contract terms covering many other issues.

Negotiations begin

May 5

As negotiations got underway, industry reiterated its request for a 1-year contract extension which drew a second rejection from Mr. McDonald.

In the course of a press conference, President Eisenhower called on both sides for a display of "good sense, wisdom, and business-labor statesmanship," adding that the country could not, in the long run, stand still and do nothing in the absence of such voluntary restraint. However, he did emphasize his reluctance to have the government take a direct hand in collective bargaining, and his opposition to legal ceilings on profits, prices, and wages.

May 6

Industry spokesmen stated that two proposed moves were under consideration should the union depart from its usual procedure of striking the entire industry at the expiration of contracts. One was a form of mutual assistance, or strike insurance, where profits of the operating concerns are used to aid those struck. The second step, a voluntary industrywide shutdown, was provided for by sending contract termination notices to the union, a legal formality under the Taft-Hartley Act, which would allow the plants to close after June 30 should the union attempt a divide-and-conquer technique. This marked the second time in the post Taft-Hartley history of steel negotiations (the first time was in 1956) that company termination notices on an industrywide move, had been sent.

May 11

Since negotiations between executives from the 12 steel companies and union representatives conducted during the previous week failed to produce any significant developments, 4-man committees from industry and labor began a second phase of contract talks.

May 27

Leaders of the steel industry, gathered for the 67th annual meeting of the American fron and Steel Institute, declared their opposition to any wage increases. It was disclosed that the union was being asked to allow revisions in "local practice" clauses¹³ to allow management more control over employee placement. The elimination of restrictive practices was also mentioned.

June 9

Mr. McDonald notified industry negotiators that the union wished to resume companyby-company meetings the following week (16th). Mr. Cooper made clear that while escalation clauses would be eliminated under the industry's proposal, the steelworkers would keep the 17-cent cost-of-living allowances added to wages over the past 3 years—but only on an "add on" basis rather than as part of the basic wage.

Mr. Cooper indicated that the sessions were stalled on industry demands for revision of local practice clauses. Negotiations had reached a stalemate over what both groups termed the inflexible position of the opposite party. However, both Mr. McDonald and Mr. Cooper, in separate press conferences, agreed that the union had not put a specific dollars and cents tag on its demands.

¹³ The so-called section 2-B clauses in the U.S. Steel agreement, also found in other, but not all, major steel agreements, and which figured prominently in later discussions of "local practices" read as follows:

Local Working Conditions. The term "local working conditions" as used herein means specific practices or customs which reflect detailed application of the subject matter within the scope of wages, hours of work, or other conditions of employment and included local agreements, written or oral, on such matters. It is recognized that it is impracticable to set forth in this agreement all of these working conditions, which are of a local nature only, or to state specifically in this agreement which of these matters should be changed or eliminated. The following provisions provide general principles and procedures which explain the status of these matters and furnish necessary guideposts for the parties hereto and the Board /of Arbitration/.

1. It is recognized that an employee does not have the right to have a local working condition established, in any given situation or plant where such condition has not existed, during the term of this agreement or to have an existing local working condition changed or eliminated, except to the extent necessary to require the application of a specific provision of this agreement.

2. In no case shall local working conditions be effective to deprive any employee of rights under this agreement. Should any employee believe that a local working condition is depriving him of the benefits of this agreement, he shall have recourse to the grievance procedure and arbitration, if necessary, to require that the local working condition be changed or eliminated to provide the benefits established by this agreement.

3. Should there be any local working conditions in effect which provide benefits that are in excess of or in addition to the benefits established by this agreement, they shall remain in effect for the term of this agreement, except as they are changed or eliminated by mutual agreement or in accordance with paragraph 4 below.

4. The company shall have the right to change or eliminate any local working condition if, as the result of action taken by management under Section 3—Management, the basis for the existence of the local working condition is changed or eliminated, thereby making it unnecessary to continue such local working condition; provided, however, that when such a change or elimination is made by the company any affected employee shall have recourse to the grievance procedure and arbitration, if necessary to have the company justify its action.

5. No local working condition shall hereafter be established or agreed to which changes or modifies any of the provisions of this agreement. In the event such a local working condition is established or agreed to, it shall not be enforceable to the extent that it is inconsistent with or goes beyond the provisions of this agreement, except as it is approved by an international officer of the union and the industrial relations executive of the company.

June 10

A shift in the industry's position was indicated in a letter from Mr. Cooper to the union president containing an eight-point program for broad contract changes which dealt with local working conditions; provisions against "wildcat" strikes, slowdowns, and picketing; management's right to develop incentives and standards; clarification of companies' right to change work schedules; vacation requirements; elimination of overlapping or duplication of benefits; simplification of procedures for establishing seniority units; and clarification of contract language. The companies stated that agreement by the union on language changes relating to this eight-point program was a prerequisite to agreement by them or a package composed of a "modest" wage increase and certain fringe benefit improvements. Also, the companies stated that they would continue to be represented by the four-man team. The union rejected the proposals.

June 11

Negotiations reached a deadlock over the question of the form of negotiations, that is, whether bargaining should be conducted on an industrywide (four-man committee) or on a company-by-company basis (which the union demanded) or a combination of both. Mr. Mc-Donald served notice that the full 435-member union negotiating committee would be on hand June 16.

June 19

After 2 days of meetings between larger company-union committees, industry and union top-level teams resumed talks with the procedural dispute apparently settled.

June 22

Industry negotiators maintained that the union had yet to come up with a reasonable basis for a new contract. This was in response to an undisclosed union proposal offered on June 19 as a substitute for its original list of 250 individual items (submitted during the early stages of negotiations) on which it wished to bargain. Industry stated, in response to informal suggestions for a rise in pensions and welfare benefits, that such adjustments would be just as inflationary as higher wages. Mr. Cooper met in Washington with Joseph F. Finnegan, director of the Federal Mediation and Conciliation Service. Mr. McDonald had met with Mr. Finnegan during the previous week.

June 24-25

Indefinite extension of contracts beyond the expiration date, cancelable on 10 days' notice, was proposed by the industry. The union's counterproposal offered contract extension until July 15. In addition, the union wage policy committee, while sanctioning the 15-day extension, stipulated that any settlement negotiated should be retroactive to July 1. This retroactivity, the companies replied, was unacceptable.

<u>June 27</u>

President Eisenhower, in a letter to Mr. McDonald, urged both sides to "bargain without interruption of production until all terms and conditions of a new contract are agreed upon." This was in reply to a letter sent to the White House on June 25 by Mr. McDonald, requesting the establishment of a factfinding board to exercise issues such as wages, profits, and productivity in the steel industry. The President rejected the suggestion, asserting that Congress had specifically limited the use of Presidential boards of inquiry to national emergencies.

Contracts extended until July 15

June 28

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Agreement was reached on extending contracts for 2 weeks, without any commitment on retroactivity.

July 7

Meeting with Vice President Richard M. Nixon in Pittsburgh, Mr. McDonald informed him that the union would not agree to another strike delay. On the following day, the steelworkers rejected a renewed plea by President Eisenhower for an indefinite extension of the 2-week truce. Mr. McDonald said he was sure the President "does not intend that we negotiate forever." Industry's negotiators seconded the President's plea for an indefinite extension.

July 10

Leaders on both sides exchanged ideas on revised contract clauses governing working rules and changes in operating practices. In a press release, the industry indicated its willingness to negotiate a 2-year contract with an increase in insurance and pension benefits during the first year and a modest wage raise during the second year, if the union would accept contractual changes proposed by the industry (see June 10).

July 12

Talks broke down over company "local practice" demands and proposals to tighten provisions against wildcat strikes. The union agreed to continue discussing wage issues while referring the other points to a joint committee for study during the term of a new contract. Industry offered either a straight 1-year extension of current contracts or an indefinite extension, cancelable on 5 day's notice, while talks continued. The union rejected both.

July 13

A plea from President Eisenhower for a revival of talks again brought both sides together in an attempt to break the stalemate. Mills made preparations for shutting down to protect furnaces and equipment for the second time in 2 weeks.

July 14

President Eisenhower recommended that management and labor representatives call on Federal mediators for assistance in reaching agreement. A last minute exchange of letters between the parties failed to break the impasse, although the union proposed a concession by changing contract language of "local working practice clauses" in all steel contracts to read: "The provisions of this section are not intended to prevent the company from continuing to make progress." This provision was in the 1956 Bethlehem Steel Corp. contract. However, industry turned down the offer.

The strike begins

July 15

The steel strike began at 12:01 a.m., July 15. Joseph Finnegan, Director of the Federal Mediation and Conciliation Service, with a staff of three, consisting of Robert H. Moore, deputy director; Walter A. Maggiolo, director of Mediation Activity; and Robert W. Donnahoo, regional director, Region Two, arrived in New York for conferences with each side. Following 3 hours of separate talks with industry and union leaders, Mr. Finnegan reported that the strike was not susceptible to easy or early solution. Earlier, the union called for the appointment of a three-man factfinding board—one from industry, one from labor, and a neutral member selected by Supreme Court Chief Justice Earl Warren. The producers rejected the proposal, asserting that both sides already knew the facts. Mr. Mc-Donald urged the top executives of the big steel companies to participate directly in negotiations; this was rejected by producers on the ground that the negotiating team had ample authority. In his news conference, President Eisenhower said the conditions were not yet present to justify seeking a Taft-Hartley injunction to keep the workers on the job. He also rejected the need for a factfinding board, and reaffirmed his belief that collective bargaining should continue without government intervention, but aided by the Mediation and Conciliation service.

July 20

Federal mediators continued their separate talks with the parties. Mr. Finnegan reasserted his previous conclusion that there would be no easy or early solution to the stoppage. Since the 14th there had been no face-to-face sessions between industry and union representatives.

July 21

Secretary of Labor James P. Mitchell announced that he was formally taking on the function of government factfinder and would report to the President periodically. Assistance would be sought from Secretary of Commerce Frederick H. Mueller; Chairman of the President's Council of Economic Advisors Raymond J. Saulnier, and other appropriate officials of the Federal government. Both of industry and labor assured the Secretary of their cooperation.

July 27

The Mediation Service called the first joint meeting with the parties in New York City, the first to take place since the strike began. There was no change in position on the part of the parties.

July 28

United States Steel reported that its net profits in the first half of the year had set a record. Mr. McDonald termed these earnings and those of other major companies "astronomical."

August 1

Secretary Mitchell criticized labor and management for not making a serious effort to settle the strike and appealed to both sides to hold daily talks.

August 3

After separate meetings with the parties on July 28, 29, 30 and 31, the Mediators called a joint meeting in New York City with the full bargaining teams from both sides present. It was agreed that technicians be brought in from both sides to work with the committee and that a general review of the contract clauses in disagreement be made.

Following the joint meetings, an exchange of charges was made, each side blaming the other for the prolongation of the strike. The eruption indicated that attitudes had hardened since the strike began and that the parties viewed the government's role in the dispute quite differently. Several times the union had asked for government factfinding. Industry leaders insisted that the government should stay out of the strike, contending that governmental interference in the past had always resulted in "inflationary" settlements.

August 12

In a news conference, the President held to his position of keeping Federal interference to a minimum. The union again called for the appointment of a special factfinding board to recommend settlement terms.

August 17

Talks proceeded without Mr. McDonald, who had indicated he would not attend the talks until industry replaced the four-man negotiating team with top ranking officials. Further joint sessions were scheduled to consider minor contract changes.

August 19

Secretary Mitchell released the Department's presentation of background facts on some of the economic questions related to the steel strike—wages, productivity, prices, and profits.¹⁴ No conclusions were drawn. Each side hailed the report as supporting its position.

August 26

Mr. McDonald returned to the bargaining sessions after an absence of almost 3 weeks. No headway toward a settlement was reported.

August 29

A survey of 31 industrial areas conducted by the Department of Labor found that, by August 15, there had been 71,000 "secondary" layoffs as a result of the strike. This was interpreted to mean that, after 1 month, the strike had relatively little impact on the 31 steel producing and consuming areas studied.

September 2

Steelworkers received "a first down payment" of \$1 million in aid from other unions (later repaid). Plans were made for raising additional funds at the biennial AFL-CIO convention beginning on September 17.

September 6

Secretary Mitchell announced that if shortages appeared and further unemployment resulted and the strike took on the aspects of an emergency affecting the national health and safety, he would recommend that the President consider invocation of the emergency provisions of the Taft-Hartley Act.

September 17-18

The AFL-CIO convention, meeting in San Francisco, devoted considerable attention to the steel strike. A resolution called upon President Eisenhower to convene a White House meeting of responsible union and industry representatives. If this failed to produce a settlement, the resolution then urged the appointment of a public factfinding board to make recommendations. The Federation's General Board recommended the establishment of a Steelworkers Defense Fund. Secretary Mitchell, addressing the convention, restated his position on Government intervention and on the invocation of Taft-Hartley procedures should national health and safety be affected.

September 25

The steelworkers ended 3 weeks of negotiations with Mr. McDonald declaring, "We are going home. This farcical filibuster that has gone on since May 5 has ended." He indicated that the talks should be moved from New York City to another location, either Washington or Pittsburgh.

September 30

Representatives of industry and labor met separately with the President. At the conclusion of the talks, the President said he hoped that an agreement would be reached before he returned from a scheduled trip to California on October 8. Following this, Mr. McDonald met with Roger M. Blough, Chairman of the Board, United States Steel Corp., and four other industry leaders. A joint communique issued at the end of the session said that talks would be resumed the following day in Pittsburgh.

¹⁴ Background Statistics Bearing on the Steel Disputes, United States Department of Labor, August 1959.

The steelworkers' executive board rejected industry's first economic offer ¹⁵ in the 82-day old dispute, subject to action by the union's wage policy committee. Included in the companies' offer were improvements in the pension, insurance, and supplemental unemployment benefit programs in the first year of a 2-year agreement, and increased wage rates at the beginning of the second year, the increases ranging from 6 cents for the lowest job class to 12 cents for the highest. Over the 2-year period, the total package would increase "employment costs" by 15 cents per man-hour worked, or about 2 percent a year, according to company estimates. As a part of this offer, amendments to the basic labor agreements with the following stated objectives were sought: (1) Continue payment of the 17-cent-per-hour cost-of-living allowance in effect at the expiration of the previous agreements, but eliminate provisions for future escalator changes in either direction; (2) enable management to take reasonable steps to eliminate waste and improve efficiency, but protect the rights of employees to resort to grievance and arbitration procedure; (3) permit flexibility in scheduling of work; and (4) deter wildcat strikes by permitting the discharge of any employee engaging in such action.

The steelworkers rejected the proposal, replying that it would reduce workers' take home pay during the first year because of an increase in insurance costs, and evaluated the worth of the 2-year package at less than the companies' figure. Furthermore, the conditions regarding contract changes attached to the offer were unacceptable to the union.

October 6

Top industry executives and union officials conferred in an effort to break the deadlock but the talks broke off in a fresh stalemate. No further talks were scheduled. Company officials stood firmly behind their offer, which the union continued to reject as "totally inadequate."

October 7

Mr. McDonald stated that the union would fight a Taft-Hartley injunction in the courts but pledged that, failing to upset the injunction, the union would "obey the law of the land." He again called for a public factfinding board to sift the strike issues and recommend a settlement.

October 8

Secretary Mitchell met with union leaders to ascertain the bargaining situation, after which he was expected to report to President Eisenhower whether there was any hope for a voluntary accord.

Taft-Hartley Act provisions invoked; board of inquiry established

October 9

Following a statement wherein he concluded that the strike, if permitted to continue, would imperil the national health and safety, President Eisenhower issued an Executive order¹⁶ creating a board of inquiry consisting of George W. Taylor of Pennsylvania, Chairman, John Perkins of Delaware, and Paul N. Lehoczky of Ohio. The board was to report to the President, in accordance with Section 206 of the Taft-Hartley Act, on or before October 16, 1959.

¹⁵ Contract proposals were handed to the union on October 1 and were restated and clarified on October 3.

¹⁶ Executive Order 10843.

After meeting on October 11 separately with industry and union officials in "exploratory" talks aimed at defining and narrowing disputed issues, the board of inquiry began its public hearings.

Arthur Goldberg told the board that the union's objective was a "package" improvement worth 15 cents an hour, in a +, 2-, or 3-year contract.

October 13

Dr. Taylor declared that the board's mediatory efforts were being impeded by difficulty in defining the issues, and that he might ask for an extension of the deadline for the board's report.

October 14

President Eisenhower, by Executive Order 10848, extended the date for submission of the board's report to October 19. The board had requested an extension of time and Secretary Mitchell obtained the President's assent.

,October 15

A sizable cut in its money demands in a 2-year contract was proposed by the steelworkers. This served as a prelude to the resumption of negotiations scheduled for the following day.

Included in the "package" offer were first year improvements confined to insurance, pensions, and supplemental unemployment benefits valued by the union at about 10 cents an hour over a 2-year period. In the second year, wages would be raised about $10\frac{1}{2}$ cents an hour, of which 7 cents would be a general rate increase. A maximum cost-of-living adjustment of 3 cents an hour in the second year was also proposed. It was made known later that the union proposed that each steel company provide for the appointment of a nine-member committee—three from industry, three from labor, and three experts of high standing—to recommend for consideration a long-range formula for equitable sharing between the stockholders, the employees, and the public, of the fruits of the company's progress.

October 17

Mr. Cooper offered a counterproposal which called for a 3-year contract with improved benefits the first year, followed by wage increases during the next 2 years and other contract improvements. The companies suggested the establishment of a Human Relations Research Committee to plan and oversee studies and recommend solutions in such areas as: Guides for the determination of wages and benefits; employment problems; job classification; wage incentives; and seniority.

October 18

Mr. Cooper proposed that the issue of revision of work rules be resolved by submitting to a three-man arbitration board (one company, one union, and one selected by the two) the following question: "What, if any, changes should be made in the local working conditions provisions to enable the companies to take reasonable steps to improve efficiency and eliminate waste with due regard for the welfare of the employees?" The union rejected the modifications as "ridiculous" and "phony."

Edgar Kaiser, chairman of the board of Kaiser Steel Corp., agreed to halt his separate talks with the union.

In submitting its report to the President, the board stated that "the parties have failed to reach an agreement and we see no prospects for an early cessation of the strike. The board cannot point to a single issue of any consequence whatsoever upon which the parties are in agreement." Although there were many issues in the dispute, the major roadblocks were in the broad areas of "economics" and "work rules."¹⁷ Upon receiving the report, the President instructed the Attorney General to seek an injunction, as provided for in the Taft-Hartley Act.

Legal battle over injunction begins

October 20

The U.S. Department of Justice petitioned the Federal District Court in Pittsburgh for an 80-day injunction under the Taft-Hartley Act,¹⁸ emphasizing the importance of the industry, levels of steel supplies, defense needs, and unemployment. The government asserted that, unless the strike was enjoined, the country would suffer immediate and irreparable injury. The court was asked to find that the strike, if continued, would "imperil the national health and safety."

Mr. Goldberg, union counsel, contested the petition, maintaining that the strike did not imperil the country's health or safety in a strict and literal sense. The language and legislative history of the statute, he maintained, make clear that the national emergency provisions would apply to this strike only if, in some way, it directly and immediately threatened the physical health or safety of the Nation. Mr. Goldberg said the union intended to show that the strike posed no such threat, in that sufficient quantities of steel were being produced by companies not on strike. It was further stated that the injunction provisions were unconstitutional, as they conferred on the courts duties which are not judicial and are not connected with any case or controversy.

October 21

Federal District Judge Herbert P. Sorg in Pittsburgh ordered the injunction against the steelworkers, upholding the government's contention that the prolongation of the dispute would imperil the national health and safety, causing irreparable damage to the country. The court made no decision regarding retroactivity of any subsequent agreement. Also left unsettled was the applicability of any cost-of-living adjustment required under the terms of the expired contracts during the injunction period. Mr. Goldberg requested the Judge to defer his order long enough to permit an appeal to Judge Austin L. Staley of the U.S. Court of Appeals for the Third Circuit, which was granted. Judge Staley extended the stay until 10 a.m. the following day in order to preserve the status quo until a full court could pass on Mr. Goldberg's appeal.

October 22

Following a hearing, the U.S. Third Circuit Court of Appeals put off until the following week a decision on the steelworkers' appeal, at the same time granting a further stay of the injunction pending a decision on the appeal.

¹⁷ Report to the President, The 1959 Labor Dispute in the Steel Industry, submitted by the Board of Inquiry under Executive Orders 19843 and 19848, Oct. 19, 1959.

¹⁸ Title II, Section 208. The government and union agreed to proceed directly to the injunction question which, if granted, would be final for the entire 80-day period, with an immediate full hearing for the union. Customarily, the government asks for a temporary restraining order (limited to 10 days) in which only its arguments need be heard.

Kaiser Steel Corp. and the union agreed on a new 20-month contract providing package increases evaluated by the company at $22\frac{1}{2}$ cents an hour over the 20-month period, including a possible 3-cent cost-of-living adjustment. Work rules issues were referred to a labor-management committee with authority to resolve problems by mutual agreement. Also set up was a tripartite committee to develop a long-range plan for an "equitable sharing of economic progress."¹⁹

October 27

By a 2 to 1 vote, the Court of Appeals upheld the petition for an injunction but ordered that the issuance of the injunction be delayed until at least November 2 to permit the steelworkers to ask for a review by the Supreme Court. The union counsel announced that he would not file a petition for certiorari—a formal device to obtain review—until November 2.

October 28

The Justice Department petitioned the Supreme Court to expedite consideration of the union's petition, with a proposed filing deadline by noon, October 29. Should the Court decide to review the Third Circuit's decision on Friday, October 30, a hearing could be set for Monday, November 2. Later in the day, the Supreme Court denied the government motion, thus upholding the Third Circuit Court of Appeals' ruling giving the steelworkers until November 2 to seek a Supreme Court review.

Mr. Finnegan sent both parties a telegram informing them that if they had not reached an agreement by midnight Sunday, November 1, they would be expected to attend a session with mediators in Washington on Monday, November 2.

Mr. McDonald indicated that the union regarded the Kaiser agreement as providing the groundwork for contracts to be agreed upon by other companies. Industry leaders declared the pact would force an inflationary rise in steel prices and fail to eliminate wasteful work practices.

October 30

Following the filing of the union's petition for certiorari and the government's response asking the Court to deny review, the United States Supreme Court granted the steelworkers request and assigned oral arguments for Tuesday, November 3.

November 1

Secondary layoffs caused by steel shortages jumped sharply during the last half of October, the Department of Labor reported. More than 132,000 workers were indirectly involved in 31 major steel producing and consuming areas.

Injunction granted; strike ends

November 7

By an 8 to 1 majority, the Supreme Court upheld the constitutionality of the Taft-Hartley emergency procedure (Sec. 208) and its applicability to the steel strike. The Court did not resolve the dispute over the meaning of the term "national health," but supported its judgment on the ground that the strike imperiled the national safety. Justice Douglas, dissenting, did not deal with the constitutional questions but disputed the concepts of health and safety and emphasized the traditional flexibility of equity courts in relation to the particular situation found in the steel strike concerning national safety. He further stated that he would remand the case to the District Court for "particularized findings" as to how the strike imperils the "national health" and what plants need be reopened to produce the steel needed for "national safety."

Telegrams were dispatched immediately by the union directing its members to "resume work forthwith." Steps were taken to get the mills producing as quickly as possible.

¹⁹ See Monthly Labor Review, December 1959, pp. 1345 and 1378.

November 8

Secretary Mitchell said President Eisenhower would recommend to Congress ways to prevent resumption of the strike if no agreement was reached during the injunction period.

November 10

President Eisenhower reconvened the steel board of inquiry, headed by Dr. Taylor, which was to report to the President on the efforts toward settlement, and on the employers' last offer if a settlement was not reached at the end of a 60-day period.²⁰

November 12

The steelworkers' wage policy committee voted unanimously to renew the 116-day strike if agreement was not reached before the injunction expired on January 26. The producers were again urged to follow the Kaiser contract as a pattern.

November 15

It was announced by the steel industry that a new offer on a 3-year agreement had been made to the union. The union rejected it as being substantially the same as the one previously offered.

November 28

Little chance of reaching a settlement before the expiration of the injunction period was held out by the union in a letter from Mr. Goldberg to Secretary of Commerce Mueller. Mr. Goldberg advised the Department to arrange for steel reserves that might be required for government contracts. Otherwise, the letter stated, the government might have to contend with the same problems it faced during the strike.

December 1

The steel industry indicated that the proposal made 2 weeks before was its "last offer"; that is, should an election be conducted the following month, this would be the offer employees must either accept or reject by secret ballot to be conducted by the government.²¹

December 3

President Eisenhower, in a plea addressed to both parties, urged around-the-clock negotiations.

Mr. McDonald had earlier suggested to the President that the board of inquiry make recommendations. After the President's speech, Mr. McDonald again offered his original suggestion for recommendations and another calling for a meeting directly with top steel executives.

December 8

Secretary Mitchell suggested three possible ways of settling the dispute: (1) The parties could agree to ask a board to make recommendations; (2) they could ask Mr. Finnegan to make a recommendation; or (3) they could seek voluntary arbitration.

December 9

The industry rejected Secretary Mitchell's suggestions for breaking the deadlock in bargaining by declaring that third party intervention would result in recommendations that the union had refused to accept or in a more costly settlement "which would clearly be inflationary."

²⁰ Taft-Hartley Act, Section 209(b).

[&]quot; Ibid.

December 10

Mr. Finnegan suspended negotiations indefinitely, noting both the lack of progress made and that the union was about to devote its attention to aluminum negotiations. Meanwhile, the union made three demands upon steel companies: (1) A return to company-bycompany bargaining; (2) an agreement making any new settlement retroactive to cover the injunction period; and (3) an acknowledgement now that a cost-of-living adjustment would be due January 1 under terms of the existing agreements and an agreement to put these adjustments into effect before Christmas. The union contended that, under the injunction order, the employees were working "under all terms and conditions in effect on June 30, 1959," and this, to the union, "plainly encompasses the January cost-of-living provision which requires a change to be made each January 1 and each July 1, without reference to year . . ." Mr. Cooper, in reply, noted the previously stated industry opposition to retroactivity and the Court's reservations on the questions of cost-of-living and retroactivity.

December 17

Mr. McDonald put forth proposals that were to be presented to the board of inquiry on the 28th. He stated that the new demands would be "slightly higher" in cost to the industry than the Kaiser agreement.

December 22

The 11 major steel companies agreed, with reservations, to union demands for company-by-company sessions. Talks between the four-man teams as scheduled by Federal mediators were to be carried on simultaneously.

Since July 15 the Federal mediators had conducted 47 joint meetings with the parties and some 30 full-scale separate talks with the parties.

December 23

Stuart Rothman, General Counsel of the National Labor Relations Board, estimated that 600,000 workers would be eligible to vote on management's "last offer," set for January 11 to 13. The steelworkers' counsel said he would ask District Judge Sorg to hear the steelworkers' plea to order the steel companies to pay workers a 4-cent cost-of-living increase (under terms of previous agreements) starting in January, and to make any new contract agreement retroactive to November 2. On the following day, the steelworkers filed their petition and a hearing before Judge Sorg was scheduled for January 4.

December 28

The board of inquiry reconvened to carry out its responsibilities under the act which include a report to the President on the current positions of the parties, the efforts which had been made for settlement, and the employers last offers. Following 2 days of public hearings, Dr. Taylor stated that the differences between the union and industry were wider than ever. The board set about to devote its remaining time toward completion of its report, due January 6.

January 1, 1960

Secretary of Labor Mitchell met separately with industry and union spokesmen. Vice President Nixon and Secretary Mitchell, it was reported, had been conducting a series of secret conferences aimed at reaching a voluntary settlement before the NLRB balloting on January 11-13.

Agreement reached

January 4

Agreement between the 11 companies and the union was reached following all-day and all-night bargaining sessions.

January 5

Memoranda of agreement were signed between the major steel producers and union representatives following approval by the union wage policy committee. Terms of the agreements included: A wage increase, deferred until December 1, 1960, to average 9.4 cents an hour including estimated effect on incentive pay (average 8.3 cents in hourly rates— 7 cents general increase plus 0.2 cent increase in increments between 31 job classes, with top job class receiving 13 cents); effective October 1, 1961, additional average 8.6 cents including estimated effect on incentive pay (average 7.6 cents increase in hourly rates— 7 cents general increase plus 0.1 cent increase in increments between job classes, with top class receiving 10 cents); escalator clause revised to retain current 17 cents cost-of-living allowance, provide two cost-of-living reviews and limit maximum additional adjustment to 6 cents effective October 1, 1961, of which maximum 3 cents cost-of-living adjustment effective December 1, 1960, to be reduced by 0.1 cent for each full 18 cents increase in insurance cost over base average monthly net insurance cost of \$20.16 per employee.

Also, minimum \$2.50 a month pension for each year's service prior to January 1, 1960, and \$2.60 a month for each year thereafter for a maximum of 35 years (was \$2.40 a month for service prior to November 1, 1957, and \$2.50 a month thereafter for maximum of 30 years) or additional \$5.00 a month for future retirees when applying alternate 1 percent formula in computing pension benefits; 13 weeks' vacation pay (less vacation pay during year) in lump sum on retirement with regular pension beginning fourth month; early retirement (by mutual agreement) at full benefit at age 60 after 15 years' service (was at reduced benefits), or at age 55 after 20 years' service if terminated by reason of permanent shutdown, layoff, or sickness resulting in break in service provided employee has attained age 53 and 18 years' service on date he ceases work; \$100 a month future minimum disability benefit (was \$90); companies also increased existing pensions by \$5 a month.

Also, companies to assume full cost of insurance program (was 50-50 contribution) and program improvement to provide: \$4,000 to \$6,500 life insurance (was \$3,500 to \$6,000 at most companies), life insurance retained during first 2 years of layoff with employee paying 60 cents per \$1,000 after first 6 months; \$53 to \$68 weekly sick and accident benefit (was \$42 to \$57 at most companies), and 6-month retention of hospital, surgical, and related coverages for laid-off employees with 2 years' service; higher existing benefits continued for employees already on payroll at Allegheny Ludlum, Armco, Inland, and Wheeling, and existing hospital and surgical program at Inland continued for all employees; previous supplemental unemployment benefits plan extended with companies paying 3 cents cash and 2 cents contingent liability (the contingent liability which had been canceled in accordance with prior agreement was restored).

Also, agency shop was provided where State laws banned the union shop.

A joint Human Relations Research Committee was established to study and recommend solutions of mutual problems relating to equitable wage and benefit adjustments, job classification, incentive pay, protection of long-service employees against layoffs, medical care, and other problems. Questions of local working conditions were to be referred to a joint study committee headed by a neutral chairman, which was to report by November 30, 1960.

January 7

The board of inquiry formally ended its duties with submission of its final report to the President. The report described both parties' positions just before settlement and the "last offers" of the producers at that time.²²

January 8

Allegheny Ludlum was the first of the 11 major producers to sign a formal contract with the steelworkers union. Inland, Bethlehem, Jones and Laughlin, Youngstown Sheet and Tube, Colorado Fuel and Iron, and United States Steel also signed. Others were expected to follow.

²² Final report to the President, The 1959 Labor Dispute in the Steel Industry, Submitted by the Board of Inquiry under Executive Order 10843, January 6, 1960.

January 20

Polling of some 14,000 steelworkers was conducted by the NLRB on the final contract offers of 7 steel companies which had not as yet signed the basic industry agreement. Earlier, a group of 31 iron ore mining concerns settled their differences with the union. Approximately 11,000 other steelworkers faced the possibility of resuming the strike when the injunction expired. They did not vote because the companies had withdrawn their "last offer," according to the union, thus leaving no basis for balloting. The steelworkers asked the U.S. District Court to dissolve the injunction and to order payment of a 4-cent costof-living increase retroactive to January 1. Also, the union sought retroactivity of any wage increases won to cover the period of the injunction. Judge Sorg denied the motion to dissolve the injunction while reserving decision on the other requests.

January 24

Pittsburgh Steel Co., the last unsigned major producer, agreed to an indefinite contract extension, cancelable by either side on 5 days' notice. Three small companies still remained unsigned.

The NLRB announced that its poll of workers employed by four companies (Pittsburgh Steel, Joseph T. Ryerson and Sons, Moltrop Steel Products, and Acme Steel) voted by a 2 to 1 margin to reject management's "last offer."

January 26

Judge Sorg dissolved the Taft-Hartley injunction, thus making it possible for those workers still working without contracts to renew the strike. Judge Sorg's cost-of-living decision specified that workers still without contracts would be entitled to the 4-cent increment for work performed under the injunction "unless new agreements are entered into providing otherwise."

January 27

The union decided not to strike, for the time being, any of the mills and warehouses still unsigned.

January 28

Pittsburgh Steel Co. and the union reached an agreement, affecting some 7,300 workers in 6 plants. Incentive pay rates were the contentious issue; however, this was to be resolved by a joint incentive study committee which must hand down a decision by July 15. If the committee's report is rejected, the union may call a strike upon 5 days' notice. The rest of the settlement was substantially the same as that between the union and the other major producers.

Part II. Industry and Geographical Scope of 1959 Steel Strike

Consistent with Bureau of Labor Statistics procedures in compiling work stoppage data, all companies involved in the 1959 steel strike were requested to provide the location, major product or service, number of workers involved, and beginning and ending dates, for all plants or establishments involved in the stoppage. The information thus received was aggregated by industry classification (table B-1), by region and State (table B-2), and by metropolitan area (table B-3). Data for some States were combined in table B-2 to avoid revealing individual company information. Table B-3 identifies the metropolitan areas in which more than 5,000 workers were involved, and presents data for those areas in which 3 or more companies were located. Altogether, the steel stoppage affected 57 standard metropolitan statistical areas, as defined by the Bureau of the Budget.

TABLE B-1. WORKERS INVOLVED AND MAN-DAYS OF IDLENESS, 1959 STEEL STOPPAGE, BY INDUSTRY

	Workers	Man-days
Industry	involved	idle
	1	
	1	· ·
All industries	519,000	41,900,000
Primary metal industries	451,000	36, 300, 000
Blast furnaces, steel works, and rolling	451,000	30, 300, 000
and finishing mills	448,000	36, 100, 000
Iron and steel foundries	2,750	225,000
Rolling, drawing and extruding of		
nonferrous metals	190	15,300
Miscellaneous primary metal industries	300	24,600
Mining	34,400	2,850,000
Metal	25,500	2,080,000
Bituminous coal and lignite	8,070	702,000
Mining and quarrying of nonmetallic		
minerals, except fuels	830	68, 900
Fabricated metal products, except ordnance,		
machinery, and transportation equipment	24,000	1,930,000
Fabricated structural metal products	15,500	1,230,000
Screw machine products, and bolts, nuts, screws, rivets and washers	1,250	102 000
Metal stampings	1,600	103,000 131,000
Miscellaneous fabricated wire products	1,480	132,000
Miscellaneous fabricated metal products	4, 160	336,000
•		
m		
Transportation, communication, electric, gas, and sanitary services	3, 190	23.0 000
Railroad transportation	5,190	319,000 47,600
Water transportation	2,610	271,000
• • • • • • • • • • • • • • • • • • • •		
Machinery, except electrical	2,530	195,000
Engines and turbines Construction, mining, and materials	160	11,400
handling machinery and equipment	850	68,300
General industrial machinery and		
equipment	120	9,500
Miscellaneous machinery, except		
electrical	1,400	106,000
Furniture and fixtures	1,800	147,000
Partitions, shelving, lockers, and		
office and store fixtures	1,800	147,000
Wholesale and retail trade	1,540	126,000
Wholesale trade	1,540	126,000
•		
Orden and a second second -	170	
Ordnance and accessories	170	11,000 11,000
minimumeton, except for small arms		11,000
Rubber and miscellaneous plastics		
products	20	1,640
Miscellaneous plastics products	20	1,640
and the second se		

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

TABLE B-2. WORKERS INVOLVED AND MAN-DAYS OF IDLENESS, 1959 STEEL STOPPAGE, BY REGION AND STATE

Region and State	Workers involved	Man-days idle
United States	519,000	41, 900, 000
New England	4,700	362,000
Connecticut	1,000	80,000
Massachusetts	3,700	282,000
Middle Atlantic	194,000	15,350,000
New Jersey	4,450	356,000
New York	29,200	2,390,000
Pennsylvania	161,000	12,600,000
East North Central	194,300 27,700 56,900 21,000 87,800 900	16,010,000 2,340,000 4,710,000 1,720,000 7,170,000 73,000
West North Central	21,100	1,720,000
Minnesota	17,200	1,400,000
Kansas and Missouri	3,900	317,000
South Atlantic	35, 300 27, 700 4, 850 2, 700	2,920,000 2,270,000 434,000 216,000
East South Central	31,100 31,100	2,540,000 2,540,000
West South Central	4,850	392,000
Texas	3,900	315,000
Oklahoma and Louisiana	950	77,000
Mountain	13, 300	1,070,000
Arizona, Colorado, Utah, and Wyoming	13, 300	1,070,000
Pacific	19, 900	1,530,000
California and Washington	19, 900	1,530,000

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

TABLE B-3. WORKERS INVOLVED AND MAN-DAYS OF IDLENESS, 1959 STEEL STOPPAGE, BY SELECTED METROPOLITAN AREAS

Metropolitan area ¹	Workers involved	Man-days idle
Allentown-Bethlehem-Easton, Pa.	18,900	1,500,000
Baltimore, Md.	27.700	2.270.000
Buffalo, N. Y.	22,000	1,800,000
Canton, Ohio	8,280	679,000
Chicago, Ill.	82,000	6.830.000
Cleveland, Ohio	19,400	1.610.000
Detroit, Mich.	15,600	1,280,000
Johnstown, Pa.	14,000	1, 140, 000
Lorain-Elyria, Ohio	9.230	723.000
Los Angeles-Long Beach, Calif.	5,680	435.000
Philadelphia, Pa.	12,700	975.000
Pittsburgh, Pa	92,900	7.220.000
Youngstown, Ohio	43,000	3,510,000

¹ More than 5,000 workers were involved in each of the following additional metropolitan areas: Birminghar, Ala.; Gadsden, Ala.; Pueblo, Colo.; San Bernardino, Calif.; San Francisco-Oakland, Calif.; and Wheeling, W. Va.-Steubenville, Ohio.

Appendix C: The Atlantic and Gulf Coast Longshore Strike, 1959

Although the emergency provisions of the Taft-Hartley Act were invoked in 1959 for the first time in a major steel strike, their application to an Atlantic and Gulf Coast longshore dispute represented the fourth time that an East Coast longshore strike was ended by a Federal injunction since 1947.²³ The highlights of the 1959 stoppage are outlined below in chronological order.

August 10

Joint bargaining sessions began between the New York Shipping Association²⁴ and the International Longshoremen's Association.²⁵ The union presented its demands, which included: An extension of the Master Contract to cover all ports of the United States from Searsport, Maine, to Brownsville, Tex., in which ILA is the bargaining representative; a 6-hour day (at a rate of \$22.40 per day); a guarantee of a day's pay each time a man is ordered out; increased pension and welfare benefits; and a freeze on the 20-man work gang.

August 17

The New York Shipping Association, in a counterproposal, sought to extend the present agreement for 3 years with changes allowing employers the right to improve the efficiency of their operations by giving them greater "flexibility of labor." Among the other provisions put forth were a flexible lunch hour, changes in travel pay arrangements, and recognition by the NYSA of the principle that protection be provided against loss of job opportunities which may result from automation.

September 17

The New York Shipping Association and the ILA announced they were calling on Federal and city labor mediators in an attempt to head off a strike at the expiration of the 3-year agreement on September 30.

September 18

Management made its first monetary offer, proposing yearly increases of 8, 3, and 4 cents an hour in a 3-year agreement, to be allocated among wages, pensions, welfare, and paid holidays by the union, on the condition that the union agree that employers be given the right to improve the efficiency of their operations (by such means as mechanical cargo handling gear, containers, and container ships). Also sought by management were changes in travel pay arrangements, a provision for tighter quitting time clauses, and a more flexible lunch hour. The proposal contained assurance that adequate safeguards against loss of job opportunities would be provided.

September 19

A counterproposal was put forth by the ILA eliminating its original demand for a 6-hour day. Instead, a straight 40 cents an hour wage increase, plus a guarantee of 8 hours' work per day and increased fringe benefits, were sought in a 2-year agreement.

September 23

The ILA modified its demands "all along the line" with reductions in wage demands and in the length of a guaranteed working day.

²³ See National Emergency Disputes Under the Labor-Management Relations (Taft-Hartley) Act, U.S. Department of Labor, Bureau of Labor Statistics.

The association bargains for 170 steamship lines and contracting stevedores.

²⁵ The ILA affiliated with the AFL-CIO on Nov. 17, 1959.

September 24

Employers countered with an offer of a 3-year agreement calling for a money package of 24 cents—12 cents in the first year, 6 in the second, and 6 in the third—that would be applied to wages, pensions, welfare, and/or other items chosen by the union. The offer was contingent upon union acceptance of modifications in work rules. The offer was termed as not "a fair one" by the union.

Federal, State, and city mediators were asked by both sides to take an active part in negotiations, as a standstill had apparently been reached. Negotiations in southern ports also were stalemated over issues of slingload limits and gang size.

September 28

The ILA again cut its demands to a package worth approximately 50 cents an hour in a 3-year agreement. Later in the day, the shippers rejected the proposal as "still too high."

September 29

Shippers increased their offer to 30 cents an hour-20 cents the first year and 5 cents in each of two following years-in a 3-year contract conditioned on new work rule changes

September 30

A threatened strike was averted when the New York Shipping Association and the ILA agreed on a 15-day contract extension, with any subsequent increases retroactive to October 1.

Telegrams from Secretary Mitchell, Governor Nelson Rockefeller, and Mayor Robert F. Wagner urged the parties to negotiate without interrupting work.

October 1

Longshoremen in New Orleans struck as contracts expired, following a refusal by southern shippers to grant retroactivity on increases included in a proposed new agreement. The walkout was joined by members in other southern ports on South Atlantic and Gulf Coasts.

Despite a contract extension in the North, Captain William V. Bradley, president of ILA, pledged support of the striking southern dockworkers and declared that members would not work on ships diverted from the South. The stoppage spread to the entire east coast, shutting down ports from Maine to Texas, effecting some 50,000 workers and 220 cargo ships. The New York Shippers Association voted not to resume bargaining until October 15 unless workers returned immediately, claiming that the strike was illegal, and further insisted that the union must give assurance that it would carry out any agreement reached with northern shippers regardless of developments in southern ports.

By the following day, union leaders claimed the strike "100 percent effective from Maine to Texas."

October 5

Mediators were unable to arrange a joint meeting.

A Federal District Judge in New Orleans issued a temporary restraining order against two New Orleans locals, Nos. 1418 and 1419, as requested by the National Labor Relations Board, acting on a complaint by New Orleans shippers charging that the two locals failed to serve a 30-day strike notice, as required by law, before the contract expired.²⁶

²⁶ Labor-Management Relations (Taft-Hartley) Act, Sec. 8 (d) (3).

President Eisenhower appointed a Board of Inquiry to report to him by October 10.²⁷ Members of the board were Guy Farmer, former chairman of the National Labor Relations Board; George Frankenthaler, former Surrogate Judge and former member of the New York State Supreme Court; and John F. Sembower, a Chicago lawyer active in labor arbitration work.

The board began its work late in the afternoon with the expectation, expressed by Mr. Farmer, that the report would be ready before the 10th.

October 7

Completing its study of the strike late in the day, the board forwarded it to the President.²⁸ Earlier testimony indicated an impasse over jurisdiction and automation. The board noted that the major unresolved issues were wage rates, certain fringe benefits, procedures for installing mechanical devices and effecting containerization, and gang size. Upon receipt, the President directed the Attorney General to seek an injunction at once.

As a result of union complaints, the New York-New Jersey Waterfront Commission obtained a court order calling on three steamship lines to show cause why they should not be enjoined from using "unregistered longshoremen" to handle baggage.²⁹

October 8

A temporary 10-day restraining order was issued by Federal District Judge Irving R. Kaufman in New York, acting upon application of the government to seek injunctive relief in the strike. The Judge found that the strike had affected a substantial part of the maritime commerce of the United States, that its continuance would imperil the national health and safety, and that "immediate and irreparable damage would result" if the restraining order was not granted. Hearings on the issuance of a temporary injunction for the remaining 70-day period were scheduled for the 15th.

October 9

Work was resumed at all ports with priority given to about a dozen vessels containing perishables. The American Association of Railroads lifted its freight embargo put into effect on the first day of the strike. Bargaining was expected to resume on October 19, allowing time for the ports to return to normal operating levels.

October 15

Following an attempt by the government to have the temporary restraining order replaced by a preliminary injunction (on October 14), Judge Kaufman extended his original order until he ruled on the motion for a further 70-day injunction. ILA officials asked the court to have an injunction guarantee that an anticipated pay increase be made retroactive to the day members returned to work. Judge Kaufman reserved decision on this point.

October 17

Judge Kaufman issued a full injunction assuring continuation of work for the statutory period as provided for in the act. At the same time, he denied the union's request for retroactivity by asserting he was neither empowered nor inclined to use the injunctive process for "matters ordinarily left to negotiation."

²⁷ Executive Order 10842, Oct. 6, 1959, and Sec. 206, Labor-Management Relations (Taft-Hartley) Act, 1947.

²⁸ Report to the President of the Labor Dispute Involving Longshoremen and Associated Occupations in the Maritime Industry on the Atlantic and Gulf Coast by the Board of Inquiry created by Executive Order 10842, Oct. 7, 1959.

²⁹ New York-New Jersey law, under which the commission operates, made it mandatory for anyone doing pier work to be registered by the agency—a process that involves screening to bar criminals from the piers.

Negotiations resumed with no significant progress reported. A set of "broad principles" and "specific recommendations" were proposed by employers for dealing with the problems of automation. Details were not made public.

October 26

The ILA rejected the shipping association's proposals as "not a fair offer."

November 4

Employers rejected union proposals for royalty payments on each ton of cargo handled in shipping containers unless the union agreed to reductions in the work force. Previously, shippers had offered to pay into a fund 25 cents a ton on "unitized" or "containerized" cargo loaded or unloaded on the docks by workers other than longshoremen. Also sought was agreement to allow installation of automatic cargo handling equipment and the right to regulate the size of work gangs.

November 24

As a "basis" for settlement, the ILA accepted proposals of Federal mediators calling for a 41-cent-an-hour package, with a 12-cent-an-hour raise retroactive to October 1, and 5-cent increases to follow on October 1, 1960, and October 1, 1961. In addition, the welfare contribution would be increased by 7 cents an hour, of which 3 cents would be earmarked for clinics, and the pension fund contribution would be increased by 7 cents an hour. Three new paid holidays would be added to the present 5 at the rate of 1 a year, and vacations would be liberalized. Employers were noncommital on the proposals.

November 27

The union rejected an employer solution to the problem of introduction of laborsaving equipment which called for a 6-month period of direct negotiations, after the contract was signed, on using and manning mechanical devices. If an agreement could not be reached in the 6 months, the issue would go to arbitration, according to the proposal.

December 1

Negotiators reached a basic agreement including a master contract setting terms for wages and benefits for dockers from Maine to Virginia. Monetary terms were essentially the same as proposed earlier in the 41-cent-an-hour package, consisting of 12 cents retroactive to October 1, 1959; an additional 5 cents effective October 1, 1960, and 5 cents effective October 1, 1961; sixth, seventh, and eighth paid holidays added in first, second, and third contract year, respectively; qualifying time for 2 and 3 weeks' vacation pay reduced to 1,100 and 1,300 hours a year, respectively (were 1,200 and 1,500); 14 cents an hour company payment to pension fund (was 7 cents); 21 cents an hour company payment to welfare fund (was 14 cents), including 3 cents for medical clinics.

Mechanization issue—employers agreed not to reduce the size of the standard 20man work gang and to use ILA members to load or reload containers when work is done at the pier. The question of a penalty payment to the union for containers loaded off the pier was left for further negotiation. If no settlement was reached in 2 weeks, it was agreed that this issue would be arbitrated, with a decision to be made within 30 days of submission.

Settlements subsequently reached at other Atlantic and Gulf Coasts ports during December provided benefits similar to the agreement with the New York Shipping Association, except for local work rules.

December 3

A "memorandum of settlement" was signed including all but one of the provisions agreed upon earlier. Contract talks resumed in New Orleans and Galveston, as well as in other ports in the South, where agreements are negotiated on a port basis generally patterned after the New York agreement.

December 6

Agreements were reached on local conditions and the 41-cent-an-hour wage package in Boston, Baltimore, and Philadelphia.

December 7

The Presidential Board of Inquiry reconvened in Washington. Testimony presented by representatives of the union and employers indicated substantial progress toward a settlement. The board's second report was transmitted to the President.

Agreement was reached for Norfolk-Hampton Roads.

December 10

ILA members in ports from Maine to Virginia overwhelmingly ratified the new agreement. Port of Philadelphia workers did not vote, but union and employers had agreed upon a master contract. The union drew up a separate agreement covering working conditions with the Philadelphia Marine Trade Association. Issues at South Atlantic and Gulf ports still remained unsettled.

December 14

The New York wage pattern was offered in Mobile, New Orleans, and Galveston. Other issues remained unsettled.

December 17

Philadelphia longshoremen ratified a 3-year contract. Federal mediators in Galveston announced that final offers by employers and demands by the union had been rejected.

December 23

Longshoremen and employers in New Orleans agreed on a 3-year pact averting a renewed strike on the 28th. Money terms of the contract were identical with the agreement reached in New York. On the 21st and 22d, Gulf Coast longshoremen had voted overwhelmingly against the "last offer" of the shippers. Agreement had not been reached in Mobile over the size of work crews.

Settlement was reached in Galveston on all issues.

December 26

Shippers and union officials in Mobile, the only remaining unsettled port, agreed to the 3-year contract. On December 27, the injunction was lifted.

Appendix D: Scope, Methods, and Definitions ³⁰

Work Stoppage Statistics

The Bureau's statistics include all work stoppages occurring in the United States involving as many as six workers and lasting 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 of work from a group of employees by an employer (or group of employers) in order to induce the employees to accept the employer's terms. Because of the complexities involved in most labor-management disputes, the Bureau makes no effort to determine whether the stoppages are initiated by the workers or the employers. The terms "strike" and "work stoppage" are used interchangeably in this report.

<u>Workers and Idleness</u>. Figures on "workers involved" and "man-days idle" include all workers made idle for one shift or longer in establishments directly involved in a stoppage. They do not measure 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 includes workers counted more than once if they were involved in more than one stoppage during that year. (Thus, in 1949, 365,000 to 400,000 coal miners struck on 3 different occasions; they comprised 1.15 million of the year's total of 3.03 million workers.)

In some prolonged stoppages, it is necessary to estimate in part the total man-days of idleness if the exact 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 man-days of idleness.

Idleness as Percent of Total Working Time. 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 figures for total employment have been used:

From 1927 to 1950, all employees were counted, 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 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. The figure 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 governments.

Beginning in 1951, the Bureau's estimates of total employment in nonagricultural establishments, exclusive of government, have been used. Idleness computed on the basis of nonagricultural employment (exclusive of government) usually differs 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) differs by about 0.5 of a point. For example, the percentage of workers idle during 1950 computed on the same base as the figures for earlier years was 6.9, and the percent of idleness was 0.44, compared with 6.3 and 0.40, respectively, computed on the new base.

"Estimated working time" is computed by multiplying the average number of workers employed during the year by the number of days typically worked by most employees. In the computations, Saturdays (when customarily not worked), Sundays, and established holidays as provided in most union contracts are excluded.

³⁰ More detailed information is available in Techniques of Preparing Major BLS Statistical Series (BLS Bull. 1168), December 1954, p. 106:

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

<u>State Data</u>. Stoppages occurring in more than one State are listed separately in each State affected. The workers and man-days of idleness are allocated among each of the affected States.³¹ The procedures outlined here have also been used in preparing estimates of idleness by State.

<u>Metropolitan Area Data</u>. Information is tabulated separately for the areas that currently comprise the list of standard metropolitan areas issued by the Bureau of the Budget in addition to a few communities historically included in the strike series before the standard metropolitan area list was compiled. The areas to which the strike statistics apply are those established by the Bureau of the Budget. 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 the total for the State in which the major city is located.

<u>Unions Involved</u>. Information includes the union(s) directly participating in the dispute, although the count of workers includes 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.

Source of Information

Occurrence of Strikes. Information as to 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 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, channeled through the Bureau of Employment Security of the U.S. Department of Labor; 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.

<u>Respondents to Questionnaire</u>. A questionnaire is mailed to 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 or more workers and lasting a full shift or more, information is undoubtedly missing on some of the smaller strikes. Presumably, allowance for these missing strikes would not substantially affect the figures for number of workers and man-days of idleness.

In its efforts to improve the completeness of the count of stoppages, the Bureau has sought to develop new sources of information as to the probable existence of such 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.

Beginning in mid-1950, a new source of strike "leads" was added through a cooperative arrangement with the Bureau of Employment Security of the U.S. Department of Labor by which local offices of State employment security agencies supply monthly reports on work stoppages coming to their attention. It is estimated that this increased the number of strikes reported in 1950 by about 5 percent, and in 1951 and 1952, by approximately 10 percent. Since most of these stoppages were small, they increased the number of workers involved and man-days of idleness by less than 2 percent in 1950 and by less than 3 percent in 1951 and 1952. Tests of the effect of this added source of information have not been made since 1952.

As new local agencies having knowledge of the existence of work stoppages are established, or changes are made in their collection methods, every effort is made to establish cooperative arrangements with them.

³¹ The same procedure is followed in allocating data on stoppages occurring in more than one industry, industry group, or metropolitan area.