

INDUSTRY WAGE SURVEY

Bituminous Coal Mining

Part I: Underground Mines
Part II: Surface Mines

JANUARY 1967

Bulletin No. 1583

UNITED STATES DEPARTMENT OF LABOR

BUREAU OF LABOR STATISTICS



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UNITED STATES DEPARTMENT OF LABOR
Willard Wirtz, Secretary

BUREAU OF LABOR STATISTICS
Arthur M. Ross, Commissioner



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Preface

This bulletin summarizes the results of a Bureau of Labor Statistics survey of wages and supplementary benefits in the bituminous coal mining industry in January 1967. Information was developed separately for underground and surface mines.

This study was conducted in the Bureau's office of Wages and Industrial Relations by the Division of Occupational Pay. The analysis was prepared by Frederick L. Bauer. Field work for the survey was directed by the Assistant Regional Directors, Division of Operations.

Other reports available from the Bureau's program of industry wage studies, as well as the addresses of the Bureau's six regional offices, are listed at the end of this bulletin.

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Bituminous Coal Mining, January 1967

Summary

Straight-time earnings of production and related workers in bituminous coal mines averaged \$3.30 an hour in January 1967. Earnings of nearly two-thirds of the 87,510 workers (virtually all men) covered by the Bureau's survey¹ were within a range of \$3.40 to \$3.80 an hour. Weekly earnings were more widely dispersed than hourly earnings because of differences in weekly hours worked.

Workers in underground mines, 83 percent of the industry's work force, averaged \$3.34 an hour, compared with \$3.14 for those in surface mines. Average weekly earnings, however, were \$11.50 higher for workers in surface mines because of longer average workweeks—47 hours in surface mines compared with 40.5 hours in underground mines.

Among the seven major coal producing States for which separate data were developed, averages for workers in underground mines ranged from \$2.84 an hour and \$110 a week in Virginia to \$3.58 an hour and \$151 a week in Illinois. Data for surface mines were developed separately for four States. Average hourly and weekly earnings for workers in these States were: Illinois, \$3.83 and \$180.50; Kentucky, \$3.35 and \$160; Ohio, \$3.01 and \$139.50; and Pennsylvania, \$2.33 and \$117.50. For both types of mines, earnings also varied by labor-management contract status, employment size, and occupation.

Among the jobs studied separately in underground mines, average hourly earnings ranged from \$2.32 for hand loaders, who were employed mostly in small nonunion mines to \$3.71 for continuous mining-machine operators and outside maintenance electricians. Averages for nearly all of the remaining jobs were within a range of \$3.10 to \$3.70 an hour. Occupational averages in surface mines ranged from \$2.13 for slate pickers, who also were usually found in small nonunion mines to \$3.87 an hour for maintenance electricians.

A large majority of production workers in the industry were provided 8 paid holidays a year, 2 weeks¹ paid vacation after 1 year of service, and health and retirement benefits.

Industry Characteristics

The 1966 output of bituminous coal in the United States was 534 million tons, the highest of any year since 1948 (600 million tons).² It was 33 percent greater than the 403 million tons mined in 1961 when a recent low was reached. Since 1961, the annual production of bituminous coal has increased steadily, largely as a result of a continuing growth in demand for coal to generate electric power. Electric utilities used approximately one-half of the coal produced in 1966. The recent increase in coal production, however, has not been accompanied by a corresponding increase in employment. The average number of production workers in the industry decreased 13 percent between 1961 and 1966.³ The amount of coal produced per man per day increased from 13.9 tons in 1961 to 18.5 tons in 1966.⁴ This increased productivity has been achieved to a considerable extent by the introduction of more efficient mining methods, particularly the use of the continuous mining-machine.

¹ See appendix A for scope and method of survey. The straight-time average hourly and weekly earnings in this bulletin differ in concept from the gross average earnings published in the Bureau's monthly hours and earnings series (\$3.79 an hour and \$155.77 a week in January 1967). Unlike the latter, the estimates presented here exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Average earnings are calculated from the weighted data by summing individual hourly and weekly earnings and dividing by the number of individuals. In the monthly series, the sum of the man-hour totals reported by establishments in the industry is divided into the reported payroll totals to determine hourly earnings; weekly earnings are the product of average weekly hours and hourly earnings.

The estimate of the number of production workers within scope of the study is intended only as a general guide to the size and composition of the labor force included in the survey. They differ from the number published in the monthly series (116.9 thousand in January 1967) by the exclusion of establishments employing fewer than 10 workers, those limited to coal cleaning and/or preparation, lignite mines, and establishments engaged in providing bituminous coal and lignite mining services. The advance planning necessary to make the survey required the use of lists of establishments assembled considerably in advance of data collection. Thus, establishments new to the industry are omitted, as are establishments originally classified in the bituminous coal mining industry but found to be in other industries at the time of the survey.

² Minerals Year Books, vol. II, Fuels, 1961 and 1966, United States Department of Interior, Bureau of Mines.

³ See Employment and Earnings Statistics for the United States, 1909-67, BLS Bulletin 1312-5 (October 1967).

⁴ Op. cit., Minerals Year Books, 1961 and 1966.

Types of Mines and Processes. Underground mines, estimated to account for a little more than three-fifths of the Nation's bituminous coal production, employed slightly more than four-fifths of the 87,510 production and related workers covered by the survey. For conventional mining, the major underground tasks are cutting, drilling, shooting, loading, roof bolting, and hauling; whereas in continuous mining the major tasks are boring or ripping the coal from the face, roof bolting, and hauling. Until recently, most underground coal production has been cut by machine. This operation, however, is rapidly being supplanted by continuous mining-machines which integrate cutting and loading into a continuous sequence, and eliminate drilling and blasting. Whereas mines primarily using continuous mining-machines accounted for only about one-third of the workers in the underground mines covered by the Bureau's previous survey of the industry in November 1962,⁵ the proportion rose to slightly more than one-half at the time of the current survey (see following tabulation).

Percent of production and related workers in underground mines by primary mining method in January 1967—

| State | Continuous mining-machine | Cut by machine | Cut by hand |
|----------------------------------|---------------------------|----------------|-------------|
| United States ¹ ----- | 51 | 46 | 3 |
| Alabama ----- | - | 98 | 2 |
| Illinois ----- | 66 | 34 | - |
| Kentucky ----- | 16 | 82 | 2 |
| Ohio ----- | 58 | 42 | - |
| Pennsylvania ----- | 81 | 19 | - |
| Virginia ----- | 34 | 49 | 17 |
| West Virginia ---- | 58 | 40 | 2 |

¹ Includes data for States in addition to those shown separately.

The more extensive use of continuous mining-machines has resulted in changes in occupational staffing in underground mines. The general pattern is revealed in a comparison of occupational employment levels between the Bureau's November 1962 and January 1967 surveys. Although the two surveys do not provide a precise measure of the magnitude of changes in occupational employments, some general observations on the direction of changes can be made. The number of workers employed as continuous mining-machine operators and helpers increased substantially between the two survey periods whereas declines were registered in occupations related to conventional mining methods such as cutting-machine operators and helpers, machine and hand drillers, loaders, and

shot firers. The number of pick miners, usually employed in small mines where specialization and mechanization are impractical, also declined. Underground mines operating preparation plants (to clean, crush, and size coal) employed slightly more than seven-tenths of the work force in this branch of the industry.

Surface mines are usually referred to as strip or open-pit mines, although a small proportion (5 percent) of the workers in this branch of the industry were in auger mines. Strip or open-pit mining involves the use of large machines (e. g., power shovels, bulldozers) to remove the earth's crust and expose the coal seams. Auger mining uses machines which extract coal by drilling into coal seams covered by overburden generally too thick to remove economically by conventional strip-mining methods. Surface mines operating coal preparation plants employed a little more than one-half of the production workers in this branch of the industry.

Location. The seven States for which separate data were developed accounted for more than nine-tenths of the 87,510 production and related workers covered by the survey. West Virginia, the largest coal producing State, accounted for more than one-third of the work force; Pennsylvania nearly one-fifth; and Kentucky for slightly more than one-eighth. Alabama, Illinois, Ohio, and Virginia each employed from 5 to 8 percent of the industry's work force. Underground mines accounted for more than nine-tenths of the workers in Virginia and West Virginia; about four-fifths in Alabama, Kentucky, and Pennsylvania; three-fifths in Illinois; and slightly less than one-half in Ohio.

Size of Mines. Mines having 50 employees or more accounted for four-fifths of the production workers in underground mines, compared with about one-half of those in surface mines. As indicated in the following tabulation, Illinois had the largest proportion of production workers in mines having 50 employees or more in both branches of the industry.

⁵ See Industry Wage Survey: Bituminous Coal Mining, November 1962, BLS Bulletin 1383 (1963).

| State | Percent of production and related workers in mines having 50 employees or more | |
|----------------------------------|--|---------|
| | Underground | Surface |
| United States ¹ ----- | 81 | 53 |
| Alabama ----- | 87 | - |
| Illinois ----- | 94 | 95 |
| Kentucky ----- | 62 | 66 |
| East Kentucky ----- | 57 | - |
| West Kentucky ----- | 81 | 89 |
| Ohio ----- | 91 | 48 |
| Pennsylvania ----- | 90 | 36 |
| Virginia ----- | 61 | - |
| West Virginia ----- | 85 | - |

¹ Includes data for States in addition to those shown separately.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Union Contract Coverage. Mines having collective bargaining agreements covering a majority of their production and related workers accounted for slightly more than four-fifths of the employment in underground mines and for a little more than one-half in surface mines. The United Mine Workers of America (Ind.) accounted for all but about 3 percent of the workers in union mines. A few mines in Illinois had contracts with the Progressive Mine Workers Union (Ind.) and a similar number in other States had contracts with the Southern Labor Union (Ind.). As the following tabulation illustrates, the proportions of workers in union mines varied among the selected States in both branches of the industry. ⁶

| State | Percent of production and related workers in mines having labor-management contracts | | |
|----------------------------------|--|-------------|---------|
| | All | Underground | Surface |
| United States ¹ ----- | 75-79 | 80-84 | 50-54 |
| Alabama ----- | 90-94 | 95+ | - |
| Illinois ----- | 95+ | 95+ | 95+ |
| Kentucky ----- | 55-59 | 50-54 | 65-69 |
| East Kentucky ----- | 45-49 | 45-49 | - |
| West Kentucky ----- | 80-84 | 75-79 | 85-89 |
| Ohio ----- | 65-69 | 90-94 | 40-44 |
| Pennsylvania ----- | 75-79 | 90-94 | 10-14 |
| Virginia ----- | 50-54 | 50-54 | - |
| West Virginia ----- | 90-94 | 90-94 | - |

¹ Includes data for States in addition to those shown separately.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Mines having collective bargaining agreements accounted for virtually all workers in underground mines employing 50 or more compared with four-fifths of the workers in surface mines in the same size category. Contract coverage was substantially less in smaller mines, amounting to one-third of the workers in underground mines and to slightly more than one-fourth in surface mines.

Method of Wage Payment. More than nine-tenths of the production workers in the industry were paid on a time-rate basis, usually under formal pay systems providing a single rate for a specified occupation. Contracts between the UMWA and members of the Bituminous Coal Operators' Association, which cover a large majority of the industry's workers, frequently specified the same rate of pay for several occupations. In the Appalachian area, for example, effective April 1, 1966, a rate of \$3.406 an hour applied to brakemen, trackmen, wiremen, bonders, timbermen, bottom cagers, and coal drillers; and a rate of \$3.71 applied to mobile loading-machine operators and cutting and shearing-machine operators and helpers. ⁷ Fewer than 5 percent of the workers in the industry (nearly all in underground mines) were paid on an incentive basis.

⁶ It should be noted that the survey excluded mines having fewer than 10 employees at the date of reference of the universe data. Somewhat different estimates might have resulted from their inclusion.

⁷ For additional information on the terms of these agreements, see Wage Chronology: Bituminous Coal Mines, 1933-68, BLS Bulletin 1558, (1967). The Appalachian area consists of Pennsylvania, Michigan, Ohio, Maryland, West Virginia, Virginia, Northern Tennessee, and that part of Kentucky lying east of the line drawn north and south through the city of Louisville.

Table 1. All Bituminous Coal Mines: Hourly Earnings Distribution

(Percent distribution of production workers by average straight-time hourly earnings,¹
United States and selected States, January 1967)

| Average hourly earnings ¹ | United States ² | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--------------------------------------|----------------------------|---------|------------------|----------|-------------------|-------------------|--------|--------------|----------|------------------|
| | | | | Total | East ³ | West ³ | | | | |
| Under \$1.50 | 0.7 | 0.5 | 0.1 | 1.3 | 1.4 | 0.9 | 0.9 | 0.5 | 1.6 | 0.2 |
| \$1.50 and under \$1.60 | .9 | 1.8 | .1 | 1.4 | 1.8 | .7 | .4 | .8 | 2.3 | .5 |
| \$1.60 and under \$1.70 | .5 | - | .1 | .3 | .2 | .4 | .5 | 1.8 | 1.1 | (⁴) |
| \$1.70 and under \$1.80 | 1.8 | 1.0 | .1 | 5.3 | 7.3 | .6 | 2.0 | 1.4 | 1.8 | 1.2 |
| \$1.80 and under \$1.90 | 1.2 | 2.4 | - | 1.8 | 2.5 | .3 | 2.7 | 1.2 | 3.4 | .3 |
| \$1.90 and under \$2.00 | .4 | .1 | .1 | .1 | .2 | (⁴) | .4 | 1.2 | .7 | .2 |
| \$2.00 and under \$2.10 | 2.3 | 1.2 | .1 | 5.6 | 7.7 | .9 | 4.4 | 2.5 | 6.1 | .5 |
| \$2.10 and under \$2.20 | 1.0 | .2 | (⁴) | 1.3 | 1.7 | .3 | 2.6 | 1.9 | 3.1 | .1 |
| \$2.20 and under \$2.30 | 2.6 | 1.0 | .1 | 6.9 | 9.7 | .4 | 4.7 | 2.1 | 8.9 | .8 |
| \$2.30 and under \$2.40 | 1.1 | .4 | (⁴) | .6 | .4 | 1.1 | 1.3 | 1.4 | 5.6 | .7 |
| \$2.40 and under \$2.50 | .5 | .6 | .1 | .1 | .1 | .3 | .5 | .9 | 1.0 | .4 |
| \$2.50 and under \$2.60 | 2.9 | 2.1 | .4 | 6.7 | 9.3 | .6 | 2.9 | 1.2 | 11.7 | 1.6 |
| \$2.60 and under \$2.70 | 1.1 | 1.9 | .1 | 1.1 | 1.5 | .3 | 1.7 | .7 | 1.0 | 1.5 |
| \$2.70 and under \$2.80 | 2.1 | .8 | 1.6 | 6.4 | 8.9 | .3 | 2.3 | 1.3 | 2.7 | 1.1 |
| \$2.80 and under \$2.90 | .8 | .2 | (⁴) | 2.4 | 3.4 | .1 | .4 | .5 | 1.6 | .4 |
| \$2.90 and under \$3.00 | 1.0 | .3 | 1.1 | 3.1 | 3.7 | 1.8 | .4 | .4 | .3 | .8 |
| \$3.00 and under \$3.10 | 1.2 | 1.9 | .4 | 2.2 | 3.0 | .5 | 2.4 | .1 | .7 | 1.3 |
| \$3.10 and under \$3.20 | 1.4 | 8.0 | .4 | 2.4 | 1.6 | 4.6 | 1.5 | 1.5 | .1 | .4 |
| \$3.20 and under \$3.30 | 2.8 | 25.1 | .9 | 4.8 | .6 | 14.8 | .8 | 1.4 | .2 | .5 |
| \$3.30 and under \$3.40 | 2.9 | 18.5 | 1.9 | 4.0 | .9 | 11.4 | .9 | 1.7 | 1.9 | 1.6 |
| \$3.40 and under \$3.50 | 22.4 | 9.2 | 14.6 | 15.2 | 12.3 | 22.1 | 16.6 | 25.6 | 14.0 | 31.2 |
| \$3.50 and under \$3.60 | 11.8 | 14.8 | 6.6 | 7.5 | 6.8 | 9.1 | 10.2 | 15.6 | 9.1 | 13.5 |
| \$3.60 and under \$3.70 | 6.1 | 5.0 | 14.8 | 4.1 | 2.7 | 7.4 | 6.7 | 3.9 | 3.7 | 6.6 |
| \$3.70 and under \$3.80 | 23.2 | 1.5 | 24.9 | 11.6 | 12.1 | 10.4 | 15.9 | 26.9 | 13.2 | 31.6 |
| \$3.80 and under \$3.90 | 3.1 | 1.0 | 12.1 | .7 | .3 | 1.7 | 10.1 | 2.0 | 2.1 | 1.2 |
| \$3.90 and under \$4.00 | 1.8 | - | 11.6 | 1.4 | .1 | 4.7 | 2.3 | .4 | 1.4 | .6 |
| \$4.00 and over | 2.4 | .6 | 7.8 | 1.2 | - | 4.2 | 4.7 | 1.1 | .6 | 1.1 |
| Tota ¹ | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of workers | 87,510 | 4,517 | 6,618 | 12,171 | 8,564 | 3,607 | 5,373 | 16,480 | 6,438 | 30,875 |
| Average hourly earnings ¹ | \$3.30 | \$3.19 | \$3.68 | \$2.97 | \$2.79 | \$3.40 | \$3.23 | \$3.28 | \$2.87 | \$3.45 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Includes data for States in addition to those shown separately.³ For definition of East and West Kentucky, see table in appendix A.⁴ Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 2. All Bituminous Coal Mines: Weekly Earnings Distribution

(Percent distribution of production workers by average straight-time weekly earnings,¹ United States and selected States, January 1967)

| Average weekly earnings ¹ | United States ² | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--------------------------------------|----------------------------|----------|-------------------|----------|----------|-------------------|----------|--------------|----------|---------------|
| | | | | Total | East | West | | | | |
| Under \$50 | 1.6 | 1.1 | 0.6 | 4.0 | 5.0 | 1.6 | 1.2 | 0.5 | 4.1 | 1.2 |
| \$50 and under \$55 | .7 | 1.3 | .1 | 1.5 | 2.0 | .4 | .3 | .5 | 2.3 | .4 |
| \$55 and under \$60 | .7 | .5 | .1 | 2.4 | 3.3 | .3 | .7 | .2 | .7 | .4 |
| \$60 and under \$65 | .9 | 1.0 | .2 | 1.6 | 2.1 | .3 | 1.2 | .5 | 4.1 | .4 |
| \$65 and under \$70 | .7 | .1 | .1 | 1.4 | 1.7 | .7 | .4 | .5 | 2.0 | .5 |
| \$70 and under \$75 | 1.1 | 1.4 | .2 | 3.0 | 4.1 | .6 | 1.6 | .8 | 2.9 | .5 |
| \$75 and under \$80 | .9 | 2.6 | .1 | 1.5 | 1.9 | .4 | 1.3 | .4 | 3.8 | .2 |
| \$80 and under \$85 | 1.8 | 1.5 | .3 | 3.5 | 4.5 | .9 | 1.8 | 1.5 | 6.5 | .9 |
| \$85 and under \$90 | 2.0 | .6 | .5 | 1.6 | 2.0 | .9 | 1.0 | 2.1 | 3.7 | 2.4 |
| \$90 and under \$95 | 2.1 | .9 | .7 | 4.9 | 6.6 | .8 | 1.1 | 2.0 | 6.2 | 1.1 |
| \$95 and under \$100 | 1.3 | .6 | .5 | 1.6 | 1.8 | 1.1 | 2.2 | 2.1 | 4.6 | .5 |
| \$100 and under \$105 | 2.0 | 2.8 | .7 | 3.9 | 4.6 | 2.3 | 2.5 | 1.3 | 6.0 | .7 |
| \$105 and under \$110 | 3.0 | 1.6 | 1.6 | 2.8 | 3.3 | 1.6 | 4.1 | 3.0 | 1.5 | 3.1 |
| \$110 and under \$115 | 2.5 | 1.2 | 2.7 | 5.2 | 6.7 | 1.7 | 3.8 | 2.3 | 2.4 | 1.5 |
| \$115 and under \$120 | 2.0 | .9 | 3.8 | 2.6 | 3.1 | 1.4 | 2.1 | 2.4 | 1.2 | 1.5 |
| \$120 and under \$125 | 3.1 | 5.5 | 4.0 | 3.7 | 3.7 | 3.6 | 2.4 | 3.6 | 1.8 | 2.6 |
| \$125 and under \$130 | 3.6 | 27.9 | 2.5 | 2.9 | 2.6 | 3.7 | 2.4 | 2.4 | .5 | 1.5 |
| \$130 and under \$135 | 5.3 | 14.5 | 3.8 | 5.8 | 5.0 | 7.7 | 3.1 | 4.7 | 4.1 | 4.6 |
| \$135 and under \$140 | 15.4 | 15.3 | 6.6 | 11.9 | 11.0 | 14.1 | 11.7 | 16.6 | 10.9 | 20.0 |
| \$140 and under \$145 | 9.3 | 8.3 | 4.7 | 5.7 | 5.8 | 5.5 | 9.0 | 12.2 | 9.3 | 10.9 |
| \$145 and under \$150 | 8.0 | 1.9 | 6.8 | 4.9 | 5.1 | 4.4 | 7.2 | 9.4 | 6.3 | 10.5 |
| \$150 and under \$155 | 7.8 | 1.7 | 6.9 | 3.9 | 4.0 | 3.6 | 6.5 | 10.3 | 6.2 | 9.9 |
| \$155 and under \$160 | 3.0 | .7 | 4.2 | 2.2 | 1.2 | 4.5 | 3.6 | 4.3 | 1.2 | 3.1 |
| \$160 and under \$165 | 4.5 | 1.0 | 5.1 | 2.7 | 1.7 | 4.9 | 6.6 | 4.3 | 1.9 | 5.2 |
| \$165 and under \$170 | 2.5 | 1.5 | 3.7 | 2.1 | 1.0 | 4.7 | 2.9 | 2.4 | .7 | 3.0 |
| \$170 and under \$175 | 2.7 | .5 | 5.4 | 1.8 | .9 | 4.0 | 4.2 | 2.3 | 1.1 | 2.9 |
| \$175 and under \$180 | 1.8 | .6 | 2.5 | 1.7 | 1.2 | 2.7 | 3.0 | 1.4 | .7 | 2.0 |
| \$180 and under \$185 | 2.5 | .8 | 4.7 | 1.4 | .5 | 3.6 | 3.8 | 2.4 | 1.0 | 2.8 |
| \$185 and under \$190 | 1.5 | .5 | 3.6 | .8 | .1 | 2.3 | 1.9 | 1.1 | .6 | 1.5 |
| \$190 and under \$195 | 1.1 | .1 | 2.9 | .8 | .3 | 2.0 | 1.5 | .7 | .4 | 1.1 |
| \$195 and under \$200 | .8 | .1 | 1.9 | 1.1 | 1.1 | 1.1 | .5 | .5 | .2 | .8 |
| \$200 and over | 3.8 | 1.0 | ³ 18.6 | 5.0 | 1.8 | ⁴ 12.6 | 4.2 | 1.2 | 1.0 | 2.3 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of workers | 87,510 | 4,517 | 6,618 | 12,171 | 8,564 | 3,607 | 5,373 | 16,480 | 6,438 | 30,875 |
| Average weekly hours ⁵ | 41.5 | 39.5 | 44.0 | 41.5 | 40.5 | 44.5 | 44.0 | 43.0 | 39.0 | 41.0 |
| Average weekly earnings ¹ | \$137.50 | \$127.00 | \$162.50 | \$124.00 | \$113.50 | \$150.50 | \$142.50 | \$140.00 | \$111.50 | \$141.50 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Workers were distributed as follows: 3.9 percent at \$200 to \$210; 5.6 at \$210 to \$220; and 9.1 at \$220 and over.

⁴ Workers were distributed as follows: 3.2 percent at \$200 to \$210; 3.2 at \$210 to \$220; and 6.3 at \$220 and over.

⁵ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

NOTE: Because of rounding, sums of individual items may not equal 100.

Part I. Underground Mines

Average Hourly Earnings

Straight-time hourly earnings of the 72,644 production and related workers in underground mines covered by the survey averaged \$3.34 in January 1967 (table 3). This was about 12 percent above the average of \$2.97 recorded in November 1962, the date of an earlier Bureau survey.⁸ The increase was due largely to general wage increases granted under the terms of collective bargaining agreements between the UMWA and members of the Bituminous Coal Operators' Association.⁹ The agreements provided wage increases of \$1 a day on each of three separate occasions—April 2, 1964, January 1, 1965, and April 1, 1966; on the last date, inside electricians, mechanics, and continuous mining-machine operators received an additional increase of 32 cents a day. As a result of longer workweeks, up from an average of 36.5 hours in November 1962 to 40.5 hours in January 1967, the percent rise in average weekly earnings for workers in underground mines was about double the increase in average hourly earnings.

Separate data are presented for seven States, which together accounted for more than nine-tenths of the work force in underground mines. Average hourly earnings for production workers in these States ranged from \$2.84 in Virginia to \$3.54 in Pennsylvania, and \$3.58 in Illinois. An average of \$3.46 was recorded in West Virginia, the largest State in terms of employment, as well as coal production, for underground mines. Differences in average hourly earnings among the selected States were reduced considerably when observations were limited to mines having labor-management bargaining agreements. Workers in all underground mines in Illinois, for example, averaged 26 percent more than those in Virginia; the corresponding spread was only 5 percent for mines having labor-management bargaining agreements.

Workers in mines having labor-management agreements averaged \$3.52 an hour, compared with \$2.39 for workers in mines without such contracts. In the three States where comparison was possible, workers in union mines averaged more than those in nonunion mines by \$1.02 an hour in Kentucky, \$1.14 in West Virginia, and \$1.18 in Virginia.

Workers in underground mines having 50 employees or more averaged \$3.51 an hour—93 cents more than workers in smaller underground mines. This relationship of higher average earnings in larger mines held in each of the States for which data could be published for both mine employment size categories. As pointed out in the discussion of industry characteristics, the extent of unionization was much greater in larger mines than in those having fewer than 50 employees.

Seven-tenths of the workers in underground mines earned between \$3.40 and \$3.80 an hour (table 4). All but a small proportion of the remaining workers earned less than \$3.40. Among the States studied separately, individual earnings in Virginia and Kentucky, which had the lowest proportions of workers covered by union contracts in this branch of the industry, were more widely dispersed than in the other States.

Average Weekly Earnings

Workers in underground mines averaged \$135.50 a week in January 1967. Average weekly earnings for production workers in the selected States ranged from \$110 in Virginia to \$151 in Illinois. Workers in Ohio, Pennsylvania, and West Virginia averaged from \$142 to about \$144 a week, compared with \$126 in Alabama and \$117 in Kentucky. The relative pay differences between the higher and lower paying States tended to be greater on a weekly than on an hourly basis, since weekly hours worked were generally longer among the higher paying States. To illustrate, average weekly earnings for workers in Illinois (with the highest average workweek of 42 hours) were 37 percent higher than in Virginia (where the average workweek was 39 hours); as mentioned previously, the corresponding spread in average hourly earnings was 26 percent.

Workers in mines having labor-management contracts averaged \$49 a week more than those in mines not having such contracts; average weekly hours worked were 1 hour longer in union mines. Working an average of 2½ hours a week longer, workers in mines employing 50 or more averaged \$45 a week more than workers in smaller mines.

⁸ Op. cit., BLS Bulletin 1383.

⁹ Op. cit., BLS Bulletin 1558.

Individual weekly earnings were more widely dispersed than hourly earnings, due to differences in weekly hours worked. There were, however, some clusterings of individual weekly earnings within the selected States. For example, about three-fifths of the workers in Alabama earned from \$125 to \$140 a week, and a slightly smaller proportion in Pennsylvania earned from \$135 to \$155 (table 5). A distribution of weekly earnings by hours worked is provided in table 6.

Occupational Earnings

Approximately four-fifths of the production and related workers in underground mines were classified in the selected occupations for which hourly and weekly earnings data are presented in table 7. The highest average hourly earnings (\$3.71) for these jobs were recorded for continuous mining-machine operators and outside maintenance electricians. Maintenance mechanics and inside electricians averaged at or within a few cents of \$3.70 an hour. Hand loaders, engaged in shoveling coal into mine cars or onto conveyors and employed mostly in small non-union mines, were the lowest paid of the jobs studied, averaging \$2.32 an hour; East Kentucky and Virginia together accounted for about one-half of the workers in this occupation, but for only one-fifth of total employment in underground mines. Shuttle-car operators, who drive electrically powered trucks that transport coal from the excavation point in the mine to a conveyor belt or mine car, were numerically the most important of the occupations studied separately and averaged \$3.31 an hour. Roof bolters and inside motormen, also numerically important jobs, averaged \$3.51 and \$3.21 an hour, respectively.

Among the occupations for which comparisons were possible in each of the States, hourly averages usually were highest in Illinois and lowest in Kentucky or Virginia. The spread in average earnings among the States varied, however, by occupation. Roof bolters in Illinois, for example, averaged 9 percent more than those in Kentucky, whereas the corresponding spread was 19 percent for shuttle-car operators and 30 percent for machine drillers. These relationships were due partly to differences in the distribution of workers in the three jobs between union and nonunion mines and between large and small mines in Kentucky. As shown in the following tabulation, less than half of the machine drillers in Kentucky worked in union mines or in mines having at least 50 employees, whereas proportionately more roof bolters and shuttle-car operators were found in these categories.

| Occupation | Percent of workers in Kentucky employed in— | |
|--------------------------|--|--|
| | Union mines | Mines having 50 em- ployees or more |
| Roof bolters ----- | 76 | 86 |
| Shuttle-car operators--- | 60 | 68 |
| Machine drillers ----- | 45 | 49 |

As pointed out earlier, over nine-tenths of the underground mine workers in Illinois were in large union mines.

Average weekly earnings for workers in the selected occupations ranged from \$82 for hand loaders averaging 35.5 hours a week to \$161.50 for hoistmen (on continuous operations) who worked an average of 46 hours a week and \$161 for inside maintenance mechanics averaging 43.5 hours a week. Workers averaged more than \$150 a week in each of the following occupations: Inside maintenance electricians (\$159); outside maintenance mechanics (\$154.50); continuous mining-machine operators (\$153.50); and trailer truckdrivers (\$152). Average workweeks for these jobs were within a range of 41 to 43.5 hours. Car dumpers working outside the mine and averaging \$96 for a 38-hour workweek, and pick miners averaging \$88.50 for a 36-hour workweek, were the only jobs, in addition to hand loaders, for which averages of less than \$100 were recorded.

Where comparisons were possible on a nationwide basis, occupational averages were higher in larger mines (50 employees or more) than in smaller ones (table 8), and higher in union than in nonunion mines (table 9). The wage advantage held by those in larger mines and in union mines varied greatly among the occupations. For example, inside maintenance electricians in larger mines averaged 38 cents an hour more than those in smaller mines whereas the corresponding spread for cardumpers was \$1.41. The average wage advantage held by workers in the selected jobs in union mines ranged from 66 cents an hour for inside maintenance mechanics to \$1.66 for car dumpers. With few exceptions, these general wage relationships held in the States for which data are provided by union contract coverage and size of mine.

Hourly earnings of individuals performing similar tasks were usually concentrated within comparatively narrow earnings ranges (tables 10-19). For example, between seven- and eight-tenths of the workers employed as boom-conveyor operators, bratticemen, inside motor men, inside oilers and greasers, shuttle-car operators, and inside trackmen earned between \$3.40 and \$3.50 an hour. Similarly, over eight-tenths of the continuous mining-machine operators, inside maintenance

electricians and mechanics, earned between \$3.70 and \$3.80 an hour. As indicated in the discussion on industry characteristics, UMWA contracts frequently specify the same rate for several occupations.

Reflecting differences in hours of work, weekly earnings of workers in the selected occupations were more widely distributed than hourly earnings (tables 20-29).

Establishment Practices and Supplementary Wage Provisions

Data were also obtained on work schedules, shift practices, and selected supplementary benefits including paid holidays and vacations; life insurance; sickness and accident insurance; hospitalization, surgical, and medical benefits; and retirement pension benefits.

Scheduled Weekly Hours and Overtime Pay. Work schedules of 40 hours a week were in effect in mines accounting for nine-tenths of the inside workers in underground mines (table 30). Seven-tenths of those employed on noncontinuous operations outside the mine, on the other hand, were scheduled to work 36 1/4 hours a week; most of the remaining workers had 40-hour weekly work schedules.¹⁰ Illinois was the only State in which significant proportions of the inside workers (29 percent) and outside workers on noncontinuous operations (47 percent) had work schedules exceeding 40 hours a week.

Paid lunch periods, nearly always amounting to 30 minutes, were included in the work schedules in underground mines accounting for nine-tenths of the production workers. One-sixth of the workers in Virginia and one-eighth of those in Kentucky were in mines that did not provide paid lunch periods, compared with fewer than one-tenth of the workers in each of the remaining States. Time required by inside workers to travel from the mine opening to the working face and the return trip was included in the regular work schedules in mines accounting for more than nine-tenths of the employment in underground mines.

Provisions for premium pay, at time and one-half regular rates, for work exceeding 8 hours a day and 40 hours a week applied to slightly more than four-fifths of the inside workers in underground mines. The remaining inside workers were in mines providing no daily overtime premium pay but were covered by provisions for time and one-half pay for work beyond 40 hours a week (table 31).

Nearly four-fifths of the outside workers on noncontinuous operations were employed by mines having provisions for time and one-half pay after 7 1/4 hours a day and 36 1/4 hours a week; most of the remainder were in mines paying this overtime rate only after 40 hours a week. The proportions of workers in mines with daily overtime provisions were much smaller in Kentucky and Virginia than in the other States.

Shift Differential Practices. Nearly three-tenths of the production workers in underground mines were employed on the second shift, and almost one-sixth on the third or other late shifts at the time of the survey (table 32). A large majority of these workers received extra pay in addition to day shift rates, usually 8 cents an hour for second-shift work and 10 cents for work on third or other late shifts. Extra pay for late-shift work was less prevalent in Kentucky and Virginia than in the other States.

Paid Holidays. Paid holidays, nearly always 8 days a year, were provided by mines accounting for slightly more than four-fifths of the production workers in underground mines (table 33). The new 2 1/2-year agreement between the UMWA and the Bituminous Coal Operators' Association, effective April 1, 1966, included the first provisions for pay on holidays on which miners do not work and the addition of 1 holiday to the 7 formerly observed as unpaid holidays.¹¹ Paid holiday provisions applied to nine-tenths or more of the workers in all States except Kentucky (45 percent) and Virginia (46 percent).

Paid Vacations. Paid vacations, after qualifying periods of service, were provided by mines accounting for nearly seven-eighths of the production work force (table 34). A large majority of these workers were in mines having contracts with the UMWA, which provided for 2 week's paid vacation (10 times the workers' day wage rate) after 1 year of service. Prorated payments were provided for workers having less than a year of service.

¹⁰ Inside workers accounted for slightly more than four-fifths of the underground mine employment, and outside workers on noncontinuous operations, for virtually all of the remainder. Less than 1 percent of the employment in underground mines was accounted for by outside workers on continuous operations such as engineers and hoistmen. Work schedules for these workers were generally similar to those for inside workers.

¹¹ Op. cit., BLS Bulletin 1558.

Health, Insurance, and Pension Plans.

Hospital and medical care benefits to miners and their dependents, benefits to widows and orphans, and retirement pensions were among the benefits paid by the UMWA Welfare and Retirement Fund. Created in 1950, the fund is organized and administered (as a separate entity), independent of the union and the coal operators. The fund derives its revenue from royalty payments on each ton of coal produced for use or sale by signatory operators.¹²

Health benefits available to eligible beneficiaries through the UMWA fund included hospitalization; physicians services in the hospital and drugs for certain illnesses; services of specialists rendered through office visits, outpatient, emergency, and group practice clinics for consultations, diagnosis, and treatment.¹³ All beneficiaries of the fund were notified on August 30, 1965, that those over 65 years of age were required to enroll in the Federal Medicare program, since fund benefits would not be available for hospital or medical care benefits which were provided for under the 1965 social security amendments.

Benefits provided by the fund to widows of miners included an initial payment of \$350; \$75 a month for 59 months, and a final payment of \$225; widows of pensioners received the same initial payment and \$75 a month for 22 months.

Pension benefits from the fund amounted to \$100 a month at the time of the survey (January 1967), but were increased to \$115 a month in July 1967.

Most of the workers in mines not having contracts with the UMWA were provided various types of health and insurance benefits. The most common included life, accidental death and dismemberment, hospitalization, surgical, and medical insurance. Benefits for workers in non-UMWA mines were more prevalent in Illinois than in the other States.

¹² See UMWA Welfare and Retirement Fund Report for the year ending June 30, 1967.

¹³ Ibid.

Table 3. Underground Mines: Average Earnings by Selected Characteristics

(Number, average weekly hours worked, and average straight-time earnings¹ of production workers, United States and selected States, January 1967)

| Item | Number of workers | Average— | | | Item | Number of workers | Average— | | |
|---|-------------------|-----------------|---------------------------|------------------------------|---|-------------------|-----------------|---------------------------|------------------------------|
| | | Hourly earnings | Weekly hours ² | Weekly earnings ² | | | Hourly earnings | Weekly hours ² | Weekly earnings ² |
| United States ³ | 72,644 | \$3.34 | 40.5 | \$135.50 | Selected States—Continued | | | | |
| Size of mine: | | | | | Ohio | 2,612 | \$3.47 | 41.5 | \$144.50 |
| 10-49 workers | 13,726 | 2.58 | 38.5 | 99.00 | Size of mine: | | | | |
| 50 workers or more | 58,918 | 3.51 | 41.0 | 144.00 | 50 workers or more | 2,384 | 3.57 | 42.0 | 149.50 |
| Labor-management contract coverage: | | | | | Labor-management contract coverage: | | | | |
| Mines with— | | | | | Mines with— | | | | |
| Majority of workers covered | 60,994 | 3.52 | 40.5 | 143.50 | Majority of workers covered | 2,436 | 3.57 | 42.0 | 149.50 |
| None or minority of workers covered | 11,650 | 2.39 | 39.5 | 94.50 | Pennsylvania | 13,029 | 3.54 | 40.5 | 144.00 |
| Selected States | | | | | Size of mine: | | | | |
| Alabama | 3,848 | 3.19 | 39.5 | 126.00 | 50 workers or more | 11,682 | 3.58 | 40.5 | 145.50 |
| Size of mine: | | | | | Labor-management contract coverage: | | | | |
| 50 workers or more | 3,330 | 3.35 | 40.0 | 133.00 | Mines with— | | | | |
| Labor-management contract coverage: | | | | | Majority of workers covered | 12,307 | 3.57 | 40.5 | 145.50 |
| Mines with— | | | | | Virginia | 6,203 | 2.84 | 39.0 | 110.00 |
| Majority of workers covered | 3,778 | 3.22 | 39.5 | 127.50 | Size of mine: | | | | |
| Illinois | 3,985 | 3.58 | 42.0 | 151.00 | 10-49 workers | 2,411 | 2.26 | 36.5 | 82.50 |
| Size of mine: | | | | | 50 workers or more | 3,792 | 3.21 | 40.5 | 129.50 |
| 50 workers or more | 3,746 | 3.61 | 42.0 | 151.50 | Labor-management contract coverage: | | | | |
| Labor-management contract coverage: | | | | | Mines with— | | | | |
| Mines with— | | | | | Majority of workers covered | 3,206 | 3.41 | 40.0 | 136.50 |
| Majority of workers covered | 3,970 | 3.59 | 42.0 | 151.50 | None or minority of workers covered | 2,997 | 2.23 | 37.5 | 83.50 |
| Kentucky | 10,107 | 2.89 | 40.5 | 117.00 | West Virginia | 29,617 | 3.46 | 41.0 | 142.00 |
| Size of mine: | | | | | Size of mine: | | | | |
| 10-49 workers | 3,866 | 2.24 | 38.5 | 86.50 | 10-49 workers | 4,482 | 2.83 | 38.5 | 108.50 |
| 50 workers or more | 6,241 | 3.29 | 41.5 | 137.00 | 50 workers or more | 25,135 | 3.57 | 41.5 | 148.00 |
| Labor-management contract coverage: | | | | | Labor-management contract coverage: | | | | |
| Mines with— | | | | | Mines with— | | | | |
| Majority of workers covered | 5,461 | 3.36 | 40.0 | 134.00 | Majority of workers covered | 27,340 | 3.55 | 41.0 | 146.00 |
| None or minority of workers covered | 4,646 | 2.34 | 41.5 | 96.50 | None or minority of workers covered | 2,277 | 2.41 | 39.0 | 93.50 |
| East Kentucky | 8,033 | 2.80 | 40.5 | 112.50 | | | | | |
| Size of mine: | | | | | | | | | |
| 10-49 workers | 3,477 | 2.20 | 38.0 | 83.50 | | | | | |
| 50 workers or more | 4,556 | 3.26 | 42.0 | 137.00 | | | | | |
| Labor-management contract coverage: | | | | | | | | | |
| Mines with— | | | | | | | | | |
| Majority of workers covered | 3,911 | 3.35 | 39.5 | 132.50 | | | | | |
| None or minority of workers covered | 4,122 | 2.28 | 41.0 | 93.50 | | | | | |
| West Kentucky | 2,074 | 3.23 | 41.5 | 134.00 | | | | | |
| Size of mine: | | | | | | | | | |
| 50 workers or more | 1,685 | 3.39 | 41.0 | 138.00 | | | | | |
| Labor-management contract coverage: | | | | | | | | | |
| Mines with— | | | | | | | | | |
| Majority of workers covered | 1,550 | 3.38 | 40.5 | 137.50 | | | | | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.³ Includes data for States in addition to those shown separately.

Table 4. Underground Mines: Hourly Earnings Distribution

(Percent distribution of production workers by average straight-time hourly earnings,¹
United States and selected States, January 1967)

| Average hourly earnings ¹ | United States ² | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--------------------------------------|----------------------------|------------------|------------------|------------------|--------|------------------|------------------|------------------|------------------|---------------|
| | | | | Total | East | West | | | | |
| Under \$1.50 | 0.6 | 0.5 | 0.1 | 1.4 | 1.5 | 1.3 | 0.3 | (³) | 1.5 | 0.2 |
| \$1.50 and under \$1.60 | .8 | 2.1 | .1 | 1.5 | 1.7 | 1.0 | .2 | 0.2 | 2.4 | .4 |
| \$1.60 and under \$1.70 | .2 | - | - | .3 | .2 | .8 | .2 | .2 | 1.2 | - |
| \$1.70 and under \$1.80 | 1.6 | 1.0 | .1 | 6.3 | 7.6 | 1.1 | .3 | .3 | 1.9 | 1.1 |
| \$1.80 and under \$1.90 | .9 | 2.8 | - | 2.1 | 2.5 | .4 | 1.1 | (³) | 3.5 | .3 |
| \$1.90 and under \$2.00 | .2 | .1 | - | .1 | .2 | - | .3 | .1 | .8 | .2 |
| \$2.00 and under \$2.10 | 1.7 | 1.0 | (³) | 5.8 | 7.0 | 1.2 | .6 | .4 | 6.4 | .4 |
| \$2.10 and under \$2.20 | .6 | .3 | (³) | 1.6 | 1.8 | .6 | .8 | - | 3.2 | .1 |
| \$2.20 and under \$2.30 | 2.2 | .6 | - | 8.1 | 10.0 | .7 | 1.1 | .1 | 9.2 | .5 |
| \$2.30 and under \$2.40 | .9 | .3 | .1 | .6 | .4 | 1.3 | 1.0 | - | 5.8 | .6 |
| \$2.40 and under \$2.50 | .3 | .6 | .1 | .1 | .1 | - | (³) | - | 1.1 | .3 |
| \$2.50 and under \$2.60 | 2.7 | 2.1 | .6 | 6.9 | 8.6 | (³) | .3 | .6 | 11.6 | 1.4 |
| \$2.60 and under \$2.70 | .9 | - | - | 1.2 | 1.5 | .1 | - | .2 | 1.0 | 1.5 |
| \$2.70 and under \$2.80 | 1.6 | .4 | .1 | 6.8 | 8.5 | .3 | .2 | .1 | 2.7 | 1.0 |
| \$2.80 and under \$2.90 | .8 | .1 | .1 | 2.7 | 3.4 | (³) | - | - | 1.6 | .3 |
| \$2.90 and under \$3.00 | .9 | - | 1.9 | 3.5 | 3.9 | 2.0 | .1 | (³) | .2 | .8 |
| \$3.00 and under \$3.10 | .8 | .2 | .2 | 1.4 | 1.6 | .5 | .1 | (³) | .7 | 1.2 |
| \$3.10 and under \$3.20 | 1.4 | 9.3 | .7 | 2.4 | 1.6 | 5.6 | .2 | 1.5 | .1 | .4 |
| \$3.20 and under \$3.30 | 3.0 | 27.0 | 1.4 | 5.4 | .7 | 23.8 | - | 1.2 | .2 | .5 |
| \$3.30 and under \$3.40 | 3.4 | 21.5 | 3.1 | 4.7 | .8 | 19.9 | 1.1 | 2.1 | 2.0 | 1.6 |
| \$3.40 and under \$3.50 | 26.7 | 10.1 | 24.2 | 16.9 | 13.1 | 31.3 | 34.2 | 32.3 | 14.6 | 32.2 |
| \$3.50 and under \$3.60 | 13.5 | 13.7 | 10.4 | 7.1 | 7.2 | 6.8 | 19.1 | 19.7 | 9.1 | 14.0 |
| \$3.60 and under \$3.70 | 6.4 | 5.5 | 24.6 | 2.5 | 2.9 | .6 | 8.5 | 4.6 | 3.6 | 6.5 |
| \$3.70 and under \$3.80 | 25.3 | .2 | 20.3 | 10.3 | 12.9 | .2 | 28.3 | 33.5 | 13.6 | 32.7 |
| \$3.80 and under \$3.90 | 1.7 | .5 | 11.6 | .3 | .3 | (³) | 1.0 | 2.1 | 1.9 | .9 |
| \$3.90 and under \$4.00 | .3 | - | .1 | .1 | .1 | .3 | .9 | .3 | (³) | .3 |
| \$4.00 and over | .7 | (³) | .2 | (³) | - | (³) | .1 | .4 | .1 | .4 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of workers | 72,644 | 3,848 | 3,985 | 10,107 | 8,033 | 2,074 | 2,612 | 13,029 | 6,203 | 29,617 |
| Average hourly earnings ¹ | \$3.34 | \$3.19 | \$3.58 | \$2.89 | \$2.80 | \$3.32 | \$3.47 | \$3.54 | \$2.84 | \$3.46 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 5. Underground Mines: Weekly Earnings Distribution

(Percent distribution of production workers by average straight-time weekly earnings, ¹
United States and selected States, January 1967)

| Average weekly earnings ¹ | United States ² | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--|----------------------------|----------|----------|----------|----------|----------|----------|------------------|----------|---------------|
| | | | | Total | East | West | | | | |
| Under \$50 | 1.6 | 0.7 | 0.4 | 4.4 | 5.0 | 2.1 | 0.6 | 0.3 | 4.1 | 1.1 |
| \$50 and under \$55 | .8 | 1.5 | .1 | 1.8 | 2.1 | .6 | .2 | .5 | 2.4 | .4 |
| \$55 and under \$60 | .7 | .6 | .1 | 2.7 | 3.4 | .2 | .7 | .1 | .8 | .3 |
| \$60 and under \$65 | 1.0 | 1.2 | .3 | 1.8 | 2.2 | .2 | .4 | .4 | 4.2 | .4 |
| \$65 and under \$70 | .7 | .2 | .2 | 1.7 | 1.8 | 1.2 | .5 | (³) | 2.1 | .5 |
| \$70 and under \$75 | 1.1 | 1.4 | .2 | 3.6 | 4.3 | .9 | .7 | .2 | 3.0 | .4 |
| \$75 and under \$80 | .9 | 3.1 | .1 | 1.7 | 2.0 | .6 | 1.0 | .2 | 3.9 | .2 |
| \$80 and under \$85 | 1.8 | 1.5 | .4 | 3.8 | 4.4 | 1.4 | 1.5 | 1.2 | 6.8 | .9 |
| \$85 and under \$90 | 1.8 | .1 | .6 | 1.8 | 1.9 | 1.3 | .5 | 1.1 | 3.9 | 2.4 |
| \$90 and under \$95 | 1.9 | .6 | 1.0 | 5.4 | 6.5 | 1.0 | 1.6 | .4 | 6.4 | 1.0 |
| \$95 and under \$100 | .9 | .5 | .8 | 1.5 | 1.6 | 1.0 | .2 | .4 | 4.7 | .3 |
| \$100 and under \$105 | 1.8 | 2.1 | 1.0 | 4.4 | 4.9 | 2.7 | .2 | .4 | 6.2 | .6 |
| \$105 and under \$110 | 2.9 | 1.5 | 1.6 | 3.2 | 3.4 | 2.5 | 3.6 | 1.9 | 1.6 | 3.1 |
| \$110 and under \$115 | 2.4 | .6 | 3.6 | 5.7 | 6.6 | 2.3 | 2.3 | 1.4 | 2.4 | 1.5 |
| \$115 and under \$120 | 1.7 | .5 | 4.6 | 2.9 | 3.1 | 1.9 | 1.4 | 1.4 | .8 | 1.4 |
| \$120 and under \$125 | 3.0 | 4.5 | 5.1 | 3.7 | 3.5 | 4.6 | .8 | 3.3 | 1.8 | 2.6 |
| \$125 and under \$130 | 3.6 | 30.1 | 2.9 | 2.9 | 2.5 | 4.6 | .9 | 2.1 | .5 | 1.5 |
| \$130 and under \$135 | 5.4 | 16.7 | 4.1 | 6.3 | 4.9 | 11.5 | 2.9 | 3.8 | 4.1 | 4.5 |
| \$135 and under \$140 | 17.6 | 16.4 | 8.4 | 13.7 | 11.3 | 23.0 | 17.4 | 19.7 | 11.1 | 20.7 |
| \$140 and under \$145 | 10.3 | 9.1 | 5.8 | 6.1 | 5.9 | 6.9 | 12.4 | 14.3 | 8.6 | 11.2 |
| \$145 and under \$150 | 8.9 | 1.6 | 9.5 | 5.2 | 5.2 | 5.3 | 10.3 | 10.6 | 6.5 | 10.8 |
| \$150 and under \$155 | 8.6 | 1.7 | 9.4 | 4.0 | 4.1 | 3.7 | 7.2 | 12.5 | 6.2 | 10.1 |
| \$155 and under \$160 | 2.9 | .6 | 5.0 | 1.6 | .9 | 4.3 | 1.8 | 4.7 | 1.0 | 3.0 |
| \$160 and under \$165 | 4.6 | .9 | 6.0 | 2.3 | 1.8 | 4.1 | 8.5 | 4.9 | 1.6 | 5.3 |
| \$165 and under \$170 | 2.4 | 1.1 | 3.9 | 1.4 | .8 | 3.8 | 2.0 | 2.8 | .8 | 3.0 |
| \$170 and under \$175 | 2.5 | .4 | 5.9 | .9 | .6 | 1.7 | 5.7 | 2.7 | 1.1 | 2.8 |
| \$175 and under \$180 | 1.6 | .2 | 2.8 | 1.3 | 1.3 | 1.3 | 3.6 | 1.6 | .6 | 2.0 |
| \$180 and under \$185 | 2.3 | .2 | 4.7 | .7 | .4 | 1.5 | 5.4 | 2.9 | 1.0 | 2.8 |
| \$185 and under \$190 | 1.0 | .1 | 1.8 | .3 | .1 | 1.0 | 1.8 | 1.2 | .5 | 1.4 |
| \$190 and under \$195 | .7 | .1 | 1.9 | .5 | .4 | .9 | 1.2 | .8 | .2 | .9 |
| \$195 and under \$200 | .7 | .1 | 1.2 | 1.0 | 1.2 | .3 | .5 | .6 | .2 | .8 |
| \$200 and over | 1.9 | .4 | 6.7 | 1.8 | 1.8 | 1.5 | 2.0 | 1.4 | .9 | 2.1 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of workers | 72,644 | 3,848 | 3,985 | 10,107 | 8,033 | 2,074 | 2,612 | 13,029 | 6,203 | 29,617 |
| Average weekly hours ⁴ | 40.5 | 39.5 | 42.0 | 40.5 | 40.5 | 41.5 | 41.5 | 40.5 | 39.0 | 41.0 |
| Average weekly earnings ^{1 4} | \$135.50 | \$126.00 | \$151.00 | \$117.00 | \$112.50 | \$134.00 | \$144.50 | \$144.00 | \$110.00 | \$142.00 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Includes data for States in addition to those shown separately.³ Less than 0.05 percent.⁴ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 6. Underground Mines: Weekly Earnings Distribution by Hours Worked

(Percent distribution of production workers by average straight-time weekly earnings¹ and weekly hours worked, United States and selected States, January 1967)

| Average weekly earnings ¹ | United States ² | | Alabama | | Illinois | | Kentucky | | | | | | Ohio | | Pennsylvania | | Virginia | | West Virginia | |
|---|----------------------------|------------------|----------------|------------------|----------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|----------------|------------------|----------------|------------------|-------------------|------------------|----------------|------------------|
| | Employees working— | | | | | | | | | | | | | | | | | | | |
| | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more |
| Under \$ 50 ----- | 13.1 | (³) | 14.8 | - | 2.4 | - | ⁴ 23.8 | 0.1 | ⁵ 24.9 | 0.1 | ⁶ 17.1 | - | 5.4 | - | 3.6 | - | ⁷ 22.1 | 0.2 | 11.7 | - |
| \$ 50 and under \$ 55 ----- | 4.5 | 0.3 | .6 | 1.5 | .5 | - | 7.8 | .4 | 8.8 | .4 | 1.6 | 0.4 | 2.2 | - | 4.8 | - | 8.7 | 1.0 | 3.3 | 0.1 |
| \$ 55 and under \$ 60 ----- | 4.5 | .2 | 2.8 | .5 | .4 | (³) | 14.1 | .2 | 16.1 | .3 | 1.9 | - | 2.9 | 0.4 | 1.4 | - | 3.7 | .1 | 2.8 | (³) |
| \$ 60 and under \$ 65 ----- | 3.8 | .6 | 4.0 | 1.0 | 1.3 | 0.1 | 5.6 | .9 | 6.6 | 1.1 | - | .2 | 2.2 | .3 | 2.4 | 0.2 | 13.4 | 2.2 | 1.6 | .3 |
| \$ 65 and under \$ 70 ----- | 3.8 | .2 | 2.8 | (³) | .9 | - | 6.5 | .6 | 7.3 | .5 | 1.6 | 1.2 | 1.1 | .4 | .3 | (³) | 5.8 | 1.3 | 4.5 | (³) |
| \$ 70 and under \$ 75 ----- | 2.6 | .9 | - | 1.5 | .9 | - | 5.8 | 3.1 | 6.7 | 3.7 | .8 | .9 | 3.6 | .3 | .2 | .2 | 8.3 | 1.9 | 1.0 | .4 |
| \$ 75 and under \$ 80 ----- | 1.9 | .8 | 5.7 | 3.0 | .3 | - | 3.1 | 1.4 | 2.9 | 1.8 | 4.3 | .1 | 1.4 | .9 | .9 | .1 | 5.4 | 3.6 | .4 | .1 |
| \$ 80 and under \$ 85 ----- | 7.4 | 1.1 | 15.9 | .8 | 1.6 | .1 | 6.2 | 3.2 | 6.0 | 3.9 | 7.0 | .7 | 6.5 | .9 | 12.9 | - | 17.4 | 4.5 | 4.7 | .5 |
| \$ 85 and under \$ 90 ----- | 7.1 | 1.1 | 1.7 | - | 3.2 | (³) | 2.8 | 1.5 | 2.6 | 1.7 | 3.9 | .9 | 3.6 | .1 | 9.8 | .2 | 7.2 | 3.1 | 11.9 | 1.4 |
| \$ 90 and under \$ 95 ----- | 2.2 | 1.9 | - | .7 | 4.9 | (³) | 1.5 | 6.3 | 1.3 | 7.8 | 3.1 | .7 | 2.9 | 1.4 | 3.6 | .1 | 1.0 | 7.5 | 2.2 | .9 |
| \$ 95 and under \$ 100 ----- | 1.8 | .8 | 2.3 | .4 | 4.1 | (³) | 1.5 | 1.5 | 1.3 | 1.7 | 2.7 | .7 | - | .3 | 2.8 | .2 | .2 | 5.7 | 1.8 | .2 |
| \$ 100 and under \$ 105 ----- | 3.1 | 1.6 | 15.9 | 1.4 | 3.7 | .3 | 3.8 | 4.6 | 1.3 | 5.7 | 19.0 | .4 | - | .3 | 1.8 | .3 | .2 | 7.5 | 1.3 | .5 |
| \$ 105 and under \$ 110 ----- | 15.4 | 1.1 | 20.5 | .6 | 8.7 | - | 8.4 | 2.1 | 6.7 | 2.6 | 18.6 | .2 | 27.4 | .7 | 18.1 | .2 | 2.0 | 1.5 | 18.0 | 1.5 |
| \$ 110 and under \$ 115 ----- | 10.5 | 1.2 | 13.1 | (³) | 18.5 | .1 | 4.0 | 6.1 | 2.3 | 7.7 | 14.3 | .6 | 20.2 | .2 | 14.0 | .1 | 2.5 | 2.3 | 13.1 | .2 |
| \$ 115 and under \$ 120 ----- | 9.4 | .7 | - | .5 | 19.2 | 1.2 | 2.8 | 2.9 | 2.6 | 3.2 | 4.3 | 1.5 | 13.7 | - | 13.3 | .2 | .8 | .7 | 12.0 | .3 |
| \$ 120 and under \$ 125 ----- | 7.3 | 2.4 | - | 4.7 | 21.2 | 1.3 | 2.1 | 4.1 | 2.5 | 3.8 | - | 5.3 | 6.5 | .2 | 7.7 | 2.9 | 1.2 | 1.9 | 8.2 | 2.0 |
| \$ 125 and under \$ 130 ----- | 1.5 | 3.9 | - | 31.5 | 7.3 | 1.9 | .1 | 3.6 | .1 | 3.1 | - | 5.3 | .4 | .9 | 2.3 | 2.1 | - | .6 | 1.1 | 1.5 |
| \$ 130 and under \$ 135 ----- | .2 | 6.1 | - | 17.5 | .8 | 4.9 | - | 7.7 | - | 6.1 | - | 13.2 | - | 3.3 | - | 4.2 | - | 5.0 | .5 | 5.0 |
| \$ 135 and under \$ 140 ----- | (³) | 20.1 | - | 17.2 | - | 10.3 | - | 16.8 | - | 14.1 | - | 26.6 | - | 19.5 | .1 | 21.8 | - | 13.5 | - | 22.9 |
| \$ 140 and under \$ 145 ----- | - | 11.7 | - | 9.6 | - | 7.1 | - | 7.4 | - | 7.3 | - | 7.9 | - | 13.9 | - | 15.8 | - | 10.4 | - | 12.4 |
| \$ 145 and under \$ 150 ----- | - | 10.2 | - | 1.7 | - | 11.7 | - | 6.4 | - | 6.5 | - | 6.1 | - | 11.6 | - | 11.7 | - | 7.9 | - | 12.0 |
| \$ 150 and under \$ 155 ----- | - | 9.8 | - | 1.7 | - | 11.5 | - | 4.9 | - | 5.1 | - | 4.2 | - | 8.1 | - | 13.8 | - | 7.6 | - | 11.2 |
| \$ 155 and under \$ 160 ----- | - | 3.3 | - | .7 | - | 6.2 | - | 2.0 | - | 1.2 | - | 4.9 | - | 2.1 | - | 5.2 | - | 1.2 | - | 3.4 |
| \$ 160 and under \$ 165 ----- | - | 5.2 | - | .9 | - | 7.4 | - | 2.8 | - | 2.2 | - | 4.6 | - | 9.5 | - | 5.4 | - | 2.0 | - | 5.9 |
| \$ 165 and under \$ 170 ----- | - | 2.7 | - | 1.1 | - | 4.8 | - | 1.7 | - | .9 | - | 4.4 | - | 2.3 | - | 3.1 | - | .9 | - | 3.3 |
| \$ 170 and under \$ 175 ----- | - | 2.8 | - | .4 | - | 7.3 | - | 1.1 | - | .8 | - | 1.9 | - | 6.4 | - | 3.0 | - | 1.4 | - | 3.1 |
| \$ 175 and under \$ 180 ----- | - | 1.9 | - | .2 | - | 3.6 | - | 1.6 | - | 1.6 | - | 1.5 | - | 4.1 | - | 1.7 | - | .8 | - | 2.2 |
| \$ 180 and under \$ 185 ----- | - | 2.7 | - | .2 | - | 5.8 | - | .8 | - | .5 | - | 1.7 | - | 6.0 | - | 3.2 | - | 1.2 | - | 3.1 |
| \$ 185 and under \$ 190 ----- | - | 1.2 | - | .1 | - | 2.2 | - | .4 | - | .2 | - | 1.2 | - | 2.0 | - | 1.3 | - | .6 | - | 1.6 |
| \$ 190 and under \$ 195 ----- | - | .8 | - | .1 | - | 2.3 | - | .6 | - | .4 | - | 1.0 | - | 1.3 | - | .9 | - | .3 | - | 1.0 |
| \$ 195 and under \$ 200 ----- | - | .8 | - | .1 | - | 1.4 | - | 1.2 | - | 1.5 | - | .3 | - | .6 | - | .7 | - | .3 | - | .9 |
| \$ 200 and over ----- | - | 2.2 | - | .4 | - | 8.2 | - | 2.2 | - | 2.3 | - | 1.8 | - | 2.3 | - | 1.5 | - | 1.1 | - | 2.3 |
| Total ----- | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of workers ----- | 8,988 | 63,656 | 176 | 3,672 | 751 | 3,234 | 1,830 | 8,277 | 1,572 | 6,461 | 258 | 1,816 | 277 | 2,335 | 1,246 | 11,783 | 1,102 | 5,101 | 2,875 | 26,742 |
| Average weekly hours ⁸ ----- | 28.5 | 42.5 | 28.5 | 40.0 | 30.5 | 45.0 | 27.5 | 43.5 | 27.5 | 43.5 | 29.0 | 43.5 | 29.0 | 43.0 | 28.0 | 42.0 | 28.0 | 41.0 | 28.5 | 42.5 |
| Average weekly earnings ^{1a} ----- | \$ 87.00 | \$ 143.00 | \$ 85.50 | \$ 128.00 | \$ 109.00 | \$ 161.00 | \$ 68.50 | \$ 129.00 | \$ 65.50 | \$ 126.00 | \$ 89.00 | \$ 141.00 | \$ 99.00 | \$ 150.50 | \$ 98.00 | \$ 148.50 | \$ 65.00 | \$ 121.50 | \$ 92.00 | \$ 147.50 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Less than 0.05 percent.

⁴ Workers were distributed as follows: 4.5 percent under \$ 20; 0.6 at \$ 20 to \$ 25; 2.3 at \$ 25 to \$ 30; 2.7 at \$ 30 to \$ 35; 2.1 at \$ 35 to \$ 40; 8.0 at \$ 40 to \$ 45; and 3.5 at \$ 45 to \$ 50.

⁵ Workers were distributed as follows: 5.9 percent under \$ 25; 2.2 at \$ 25 to \$ 30; 2.7 at \$ 30 to \$ 35; 2.1 at \$ 35 to \$ 40; 8.2 at \$ 40 to \$ 45; and 3.8 at \$ 45 to \$ 50.

⁶ Workers were distributed as follows: 0.7 percent under \$ 25; 2.7 at \$ 25 to \$ 30; 3.1 at \$ 30 to \$ 35; 2.3 at \$ 35 to \$ 40; 6.6 at \$ 40 to \$ 45; and 1.6 at \$ 45 to \$ 50.

⁷ Workers were distributed as follows: 8.5 percent under \$ 20; 2.4 at \$ 25 to \$ 30; 1.0 at \$ 30 to \$ 35; 0.9 at \$ 35 to \$ 40; 1.8 at \$ 40 to \$ 45; and 7.4 at \$ 45 to \$ 50.

⁸ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 7. Underground Mines: Occupational Averages—All Mines

(Number, average weekly hours worked, and average straight-time earnings¹ of production workers in selected occupations, United States and selected States, January 1967)

| Occupation | United States ² | | | Alabama | | | Illinois | | | Kentucky | | | | | | |
|---|----------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|
| | Number of workers | Average— | | | | | | | | | Total | | East | | | |
| | | Hourly earnings | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | Weekly hours ³ | Weekly earnings ³ |
| Inside workers | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 590 | \$ 3.39 | 41.5 | \$140.50 | \$ 3.32 | 41.0 | \$136.50 | \$ 3.43 | 43.5 | \$149.50 | \$ 3.21 | 38.5 | \$124.00 | \$ 3.19 | 38.0 | \$120.50 |
| Boom-conveyor operators | 775 | 3.31 | 41.5 | 138.00 | - | - | - | 3.38 | 38.5 | 129.50 | 2.96 | 46.0 | 136.50 | 2.96 | 46.0 | 136.00 |
| Brakemen | 676 | 3.15 | 39.5 | 125.00 | 3.16 | 40.0 | 126.50 | - | - | - | 2.87 | 38.0 | 109.50 | 2.88 | 38.0 | 109.00 |
| Bratticemen | 1,030 | 3.32 | 40.5 | 134.50 | 3.16 | 39.5 | 125.00 | 3.50 | 42.0 | 147.50 | 3.07 | 38.5 | 119.00 | 2.98 | 38.0 | 113.00 |
| Continuous mining-machine operators | 2,807 | 3.71 | 41.5 | 153.00 | - | - | - | 3.87 | 40.5 | 156.00 | 3.48 | 46.0 | 160.00 | 3.52 | 45.5 | 159.50 |
| Continuous mining-machine operators' helpers | 2,417 | 3.58 | 40.5 | 144.50 | - | - | - | - | - | - | 3.36 | 41.5 | 140.00 | 3.54 | 39.5 | 139.50 |
| Conveyor belt cleaners | 1,103 | 3.38 | 41.0 | 139.00 | - | - | - | 3.62 | 41.5 | 149.50 | 3.04 | 39.0 | 118.50 | 2.62 | 38.0 | 99.00 |
| Cutting-machine operators | 2,598 | 3.28 | 40.0 | 131.50 | 3.31 | 40.0 | 132.00 | 3.75 | 41.0 | 154.50 | 2.87 | 40.0 | 115.00 | 2.78 | 40.0 | 111.50 |
| Cutting-machine operators' helpers | 1,693 | 3.27 | 40.0 | 130.50 | 3.08 | 40.5 | 125.00 | 3.49 | 45.0 | 157.50 | 2.77 | 38.5 | 107.00 | 2.66 | 38.0 | 101.50 |
| Drillers, machine | 1,333 | 3.27 | 40.5 | 132.00 | 3.37 | 39.0 | 132.00 | 3.61 | 41.0 | 148.50 | 2.77 | 40.0 | 110.50 | 2.62 | 40.0 | 105.00 |
| Electricians, maintenance | 2,117 | 3.66 | 43.5 | 159.00 | 3.47 | 41.0 | 143.00 | - | - | - | 3.43 | 42.5 | 145.00 | 3.43 | 42.0 | 144.00 |
| Electricians' helpers, maintenance | 232 | 3.26 | 44.5 | 145.00 | 3.22 | 39.5 | 127.00 | - | - | - | 2.55 | 51.5 | 131.00 | 2.52 | 51.5 | 130.00 |
| Loaders, hand | 3,088 | 2.32 | 35.5 | 82.00 | 2.29 | 38.0 | 87.50 | - | - | - | 1.89 | 36.0 | 68.00 | 1.89 | 36.0 | 68.00 |
| Loading-machine operators | 3,155 | 3.52 | 40.5 | 142.00 | 3.45 | 40.5 | 140.00 | 3.73 | 41.0 | 153.50 | 3.07 | 39.0 | 119.50 | 3.00 | 39.0 | 116.50 |
| Mechanics, maintenance | 4,360 | 3.69 | 43.5 | 161.00 | 3.37 | 42.5 | 143.00 | 3.74 | 42.0 | 158.00 | 3.46 | 44.5 | 153.50 | 3.47 | 43.5 | 151.00 |
| Mechanics' helpers, maintenance | 264 | 3.34 | 41.0 | 136.50 | 3.22 | 37.5 | 121.50 | 3.41 | 38.5 | 131.50 | 3.01 | 45.5 | 137.50 | - | - | - |
| Miners, pick | 360 | 2.46 | 36.0 | 88.50 | - | - | - | - | - | - | - | - | - | - | - | - |
| Motormen | 5,794 | 3.21 | 41.0 | 131.00 | 3.09 | 39.5 | 122.00 | 3.41 | 41.0 | 140.00 | 2.83 | 41.5 | 117.50 | 2.81 | 41.5 | 117.00 |
| Oilers and greasers | 153 | 3.41 | 43.0 | 147.00 | - | - | - | - | - | - | 3.34 | 39.5 | 132.00 | - | - | - |
| Pumpmen | 346 | 3.30 | 45.0 | 149.00 | 3.17 | 42.0 | 133.50 | 3.51 | 45.0 | 158.00 | 2.91 | 43.5 | 126.50 | 2.84 | 44.5 | 126.00 |
| Roof bolters | 5,039 | 3.51 | 40.5 | 141.50 | 3.37 | 39.5 | 132.50 | 3.62 | 39.5 | 142.00 | 3.31 | 42.5 | 140.00 | 3.33 | 42.0 | 140.00 |
| Shot firers | 1,544 | 3.23 | 39.5 | 127.50 | 3.30 | 40.0 | 132.50 | 3.58 | 42.0 | 150.50 | 3.12 | 39.5 | 123.50 | 2.98 | 39.0 | 116.50 |
| Shuttle-car operators | 6,252 | 3.31 | 40.0 | 132.50 | 3.23 | 40.0 | 128.50 | 3.46 | 40.0 | 138.50 | 2.90 | 40.5 | 117.00 | 2.81 | 40.5 | 113.50 |
| Timbermen | 1,753 | 3.11 | 39.0 | 122.00 | 2.84 | 39.0 | 111.00 | 3.41 | 39.0 | 132.50 | 2.67 | 40.0 | 107.00 | 2.60 | 40.5 | 104.50 |
| Trackmen | 1,479 | 3.27 | 42.5 | 138.00 | 3.18 | 40.5 | 128.50 | 3.37 | 40.5 | 136.00 | 2.79 | 44.0 | 123.50 | 2.76 | 44.5 | 123.50 |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | |
| Car droppers | 696 | 3.55 | 40.0 | 141.50 | 3.36 | 36.5 | 122.00 | 3.61 | 40.5 | 145.50 | 3.21 | 37.5 | 121.00 | 3.15 | 38.0 | 120.50 |
| Car dumpers | 427 | 2.51 | 38.0 | 96.00 | - | - | - | - | - | - | 2.17 | 40.0 | 87.00 | 2.17 | 40.0 | 87.00 |
| Car repairmen | 137 | 3.59 | 40.0 | 143.00 | 3.51 | 38.5 | 135.50 | - | - | - | 3.33 | 37.5 | 124.00 | 3.31 | 38.0 | 125.00 |
| Electricians, maintenance | 429 | 3.71 | 41.0 | 152.50 | 3.65 | 38.5 | 141.00 | 3.75 | 46.0 | 172.50 | 3.54 | 41.0 | 145.50 | 3.55 | 39.5 | 141.00 |
| Hoistmen | 139 | 3.28 | 39.5 | 130.00 | 2.97 | 38.5 | 115.00 | 3.36 | 47.0 | 157.00 | 2.67 | 40.0 | 106.00 | - | - | - |
| Lampmen | 287 | 3.59 | 39.5 | 141.00 | 3.43 | 37.5 | 129.00 | 3.63 | 44.5 | 162.00 | 3.51 | 38.5 | 136.00 | 3.54 | 39.0 | 138.50 |
| Mechanics, maintenance | 1,779 | 3.70 | 41.5 | 154.50 | 3.62 | 37.5 | 136.50 | 3.72 | 43.0 | 160.50 | 3.43 | 44.0 | 151.50 | 3.41 | 45.0 | 153.00 |
| Mechanics' helpers, maintenance | 138 | 3.54 | 42.0 | 149.00 | - | - | - | - | - | - | 2.95 | 53.0 | 156.50 | 2.95 | 53.0 | 156.50 |
| Oilers and greasers | 109 | 3.55 | 40.5 | 144.00 | - | - | - | - | - | - | 3.17 | 41.0 | 129.50 | 3.11 | 41.5 | 129.00 |
| Slate pickers | 324 | 3.28 | 39.0 | 128.00 | - | - | - | 2.95 | 41.0 | 121.00 | 2.62 | 34.0 | 89.00 | 2.78 | 33.5 | 93.50 |
| Tippie operators | 1,259 | 3.33 | 41.0 | 137.50 | 2.82 | 38.5 | 109.00 | 3.55 | 43.5 | 154.50 | 2.70 | 42.0 | 113.00 | 2.65 | 42.0 | 111.00 |
| Truckdrivers ⁴ | 1,099 | 2.92 | 40.0 | 117.00 | 2.83 | 37.0 | 104.50 | 3.69 | 43.0 | 159.00 | 2.43 | 40.0 | 97.50 | 2.31 | 39.5 | 91.50 |
| Trailer type | 34 | 3.66 | 41.5 | 152.00 | - | - | - | - | - | - | 3.57 | 39.0 | 138.50 | - | - | - |
| Other than trailer type | 1,063 | 2.89 | 40.0 | 115.50 | 2.83 | 37.0 | 104.50 | 3.71 | 43.5 | 161.00 | 2.35 | 40.5 | 94.50 | 2.30 | 39.5 | 91.00 |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | | |
| Hoistmen | 109 | 3.51 | 46.0 | 161.50 | 3.43 | 40.0 | 137.50 | 3.61 | 51.5 | 186.50 | - | - | - | - | - | - |

See footnotes at end of table.

Table 7. Underground Mines: Occupational Averages—All Mines—Continued

(Number, average weekly hours worked, and average straight-time earnings¹ of production workers in selected occupations, United States and selected States, January 1967)

| Occupation | Kentucky—Continued | | | Ohio | | | Pennsylvania | | | Virginia | | | West Virginia | | |
|---|--------------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|
| | West | | | | | | | | | | | | | | |
| | Average— | | | | | | | | | | | | | | |
| | Hourly earnings | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | Weekly hours ³ | Weekly earnings ³ |
| Inside workers | | | | | | | | | | | | | | | |
| Bonders-wiremen | \$ 3.28 | 41.5 | \$ 137.00 | \$ 3.41 | 46.0 | \$ 156.00 | \$ 3.41 | 39.0 | \$ 133.50 | \$ 3.41 | 42.5 | \$ 144.50 | \$ 3.42 | 42.0 | \$ 144.00 |
| Boom-conveyor operators | - | - | - | - | - | - | 3.41 | 40.0 | 135.50 | 2.96 | 40.5 | 120.00 | 3.43 | 41.5 | 142.50 |
| Brakemen | - | - | - | - | - | - | 3.30 | 41.5 | 137.50 | 2.33 | 38.0 | 89.00 | 3.40 | 40.0 | 135.50 |
| Bratticemen | 3.26 | 40.5 | 132.00 | 3.41 | 42.0 | 143.50 | 3.41 | 39.5 | 134.00 | 3.41 | 41.5 | 142.00 | 3.37 | 41.5 | 140.50 |
| Continuous mining-machine operators | - | - | - | 3.75 | 43.5 | 163.00 | 3.72 | 41.5 | 153.50 | 3.63 | 40.0 | 145.50 | 3.69 | 41.5 | 153.00 |
| Continuous mining-machine operators' ¹ | | | | | | | | | | | | | | | |
| helpers | - | - | - | 3.65 | 41.0 | 149.50 | 3.65 | 40.5 | 147.50 | 3.43 | 41.0 | 141.00 | 3.55 | 40.0 | 142.00 |
| Conveyor belt cleaners | 3.26 | 39.5 | 129.00 | 3.41 | 45.0 | 153.00 | 3.40 | 41.0 | 139.50 | 3.39 | 39.5 | 134.00 | 3.38 | 42.0 | 141.50 |
| Cutting-machine operators | 3.26 | 40.0 | 131.00 | 3.51 | 40.5 | 142.50 | 3.47 | 40.0 | 139.00 | 2.72 | 40.5 | 109.50 | 3.52 | 40.0 | 141.00 |
| Cutting-machine operators' helpers | 3.16 | 40.5 | 128.00 | 3.19 | 39.0 | 125.00 | 3.60 | 40.5 | 146.50 | 2.72 | 38.5 | 105.50 | 3.58 | 40.5 | 145.50 |
| Drillers, machine | 3.20 | 39.5 | 126.50 | 3.53 | 42.0 | 148.00 | 3.55 | 38.5 | 136.50 | 3.02 | 41.0 | 123.00 | 3.51 | 41.0 | 144.50 |
| Electricians, maintenance | 3.50 | 45.5 | 160.00 | 3.75 | 48.0 | 180.50 | 3.75 | 48.0 | 180.00 | 3.66 | 45.0 | 165.50 | 3.72 | 43.5 | 162.50 |
| Electricians' helpers, maintenance | - | - | - | - | - | - | - | - | - | 3.51 | 43.5 | 152.00 | 3.52 | 43.0 | 151.00 |
| Loaders, hand | - | - | - | - | - | - | 2.88 | 41.0 | 118.00 | 2.14 | 33.5 | 71.00 | 2.48 | 35.5 | 88.00 |
| Loading-machine operators | 3.30 | 39.5 | 130.50 | 3.56 | 41.0 | 145.50 | 3.71 | 40.0 | 149.00 | 3.02 | 41.0 | 123.00 | 3.67 | 41.0 | 150.50 |
| Mechanics, maintenance | 3.46 | 46.0 | 158.50 | 3.75 | 46.5 | 174.00 | 3.75 | 43.5 | 162.50 | 3.48 | 40.5 | 140.00 | 3.74 | 44.5 | 166.50 |
| Mechanics' helpers, maintenance | - | - | - | - | - | - | 3.51 | 41.5 | 146.00 | - | - | - | 3.27 | 40.0 | 131.50 |
| Miners, pick | - | - | - | - | - | - | - | - | - | - | - | - | 2.53 | 36.0 | 91.50 |
| Motormen | 3.08 | 41.5 | 128.00 | 3.34 | 42.0 | 141.00 | 3.41 | 40.5 | 138.50 | 2.59 | 38.5 | 99.00 | 3.39 | 41.5 | 141.00 |
| Oilers and greasers | 3.28 | 42.5 | 139.50 | - | - | - | 3.41 | 41.0 | 139.00 | - | - | - | 3.45 | 46.0 | 158.50 |
| Pumpmen | 3.03 | 42.0 | 127.50 | 3.41 | 42.5 | 145.00 | 3.36 | 47.5 | 159.50 | 3.38 | 41.0 | 138.00 | 3.38 | 45.5 | 154.50 |
| Roof bolters | 3.25 | 43.0 | 140.00 | 3.52 | 40.5 | 142.00 | 3.56 | 40.0 | 142.00 | 3.41 | 40.5 | 138.50 | 3.54 | 40.5 | 143.50 |
| Shot firers | 3.35 | 40.5 | 136.00 | 3.46 | 39.5 | 137.50 | 3.56 | 37.5 | 133.50 | 2.57 | 37.5 | 96.00 | 3.51 | 40.5 | 142.50 |
| Shuttle-car operators | 3.27 | 40.0 | 130.50 | 3.40 | 41.0 | 140.00 | 3.45 | 40.5 | 139.00 | 3.28 | 40.0 | 132.00 | 3.37 | 40.0 | 135.00 |
| Timbermen | 3.19 | 39.0 | 124.00 | 3.31 | 42.0 | 139.50 | 3.34 | 40.0 | 133.00 | 2.65 | 38.5 | 102.00 | 3.31 | 38.5 | 127.50 |
| Trackmen | 3.05 | 39.5 | 120.00 | 3.38 | 42.5 | 144.00 | 3.39 | 39.5 | 133.50 | 3.19 | 41.0 | 131.00 | 3.41 | 42.5 | 145.00 |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | |
| Car droppers | 3.39 | 36.0 | 123.00 | 3.51 | 42.0 | 148.00 | 3.62 | 40.5 | 147.00 | 3.62 | 38.5 | 139.00 | 3.59 | 40.5 | 145.00 |
| Car dumpers | - | - | - | - | - | - | 3.63 | 39.0 | 141.00 | 1.75 | 36.5 | 63.50 | 3.45 | 40.0 | 138.50 |
| Car repairmen | - | - | - | - | - | - | 3.65 | 41.0 | 150.00 | - | - | - | 3.67 | 39.5 | 144.50 |
| Electricians, maintenance | 3.52 | 46.0 | 162.50 | - | - | - | - | - | - | 3.84 | 41.5 | 159.00 | 3.73 | 42.5 | 157.50 |
| Hoistmen | 2.66 | 39.5 | 105.00 | - | - | - | 3.73 | 38.5 | 143.00 | - | - | - | 3.68 | 39.5 | 145.50 |
| Lampmen | - | - | - | 3.64 | 42.0 | 153.00 | 3.63 | 38.0 | 138.00 | 3.66 | 40.0 | 146.00 | 3.60 | 40.5 | 146.00 |
| Mechanics, maintenance | 3.49 | 42.5 | 148.00 | 3.82 | 44.0 | 168.00 | 3.79 | 38.0 | 144.50 | 3.63 | 39.0 | 141.00 | 3.75 | 43.5 | 163.50 |
| Mechanics' helpers, maintenance | - | - | - | - | - | - | 3.72 | 40.5 | 151.00 | - | - | - | 3.65 | 41.5 | 150.50 |
| Oilers and greasers | - | - | - | - | - | - | 3.58 | 43.5 | 155.00 | - | - | - | 3.56 | 40.5 | 145.00 |
| State pickers | 2.04 | 35.5 | 72.00 | 2.97 | 39.0 | 116.50 | 3.58 | 35.5 | 127.50 | 2.94 | 37.0 | 108.00 | 3.57 | 41.5 | 147.50 |
| Tipple operators | 2.98 | 41.0 | 123.00 | 3.26 | 41.5 | 135.00 | 3.48 | 41.0 | 143.00 | 3.29 | 41.0 | 135.50 | 3.51 | 41.5 | 145.50 |
| Truckdrivers ⁴ | 2.79 | 42.0 | 117.50 | 3.37 | 39.0 | 132.00 | 3.56 | 37.5 | 133.00 | 2.22 | 41.5 | 92.50 | 3.14 | 40.5 | 128.00 |
| Trailer type | 3.57 | 39.0 | 139.50 | - | - | - | - | - | - | - | - | - | - | - | - |
| Other than trailer type | - | - | - | 3.37 | 39.0 | 132.00 | 3.54 | 37.5 | 132.00 | 2.22 | 41.5 | 92.50 | 3.13 | 40.5 | 127.00 |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | |
| Hoistmen | - | - | - | - | - | - | - | - | - | - | - | - | 3.42 | 46.5 | 158.50 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

⁴ Includes drivers of a combination of types of trucks as well as those shown separately.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 8. Underground Mines: Occupational Averages—By Size of Mine

(Number, average weekly hours worked, and average straight-time earnings¹ of production workers in selected occupations, United States and selected States, January 1967)

| Occupation and size of mine | United States ² | | | Kentucky | | | | | | | | | Pennsylvania | | | West Virginia | | | | |
|---|----------------------------|-----------------|---------------------------|-------------------|------------------------------|-----------------|---------------------------|-------------------|------------------------------|-----------------|-------------------|---------------------------|------------------------------|-------------------|-----------------|---------------------------|------------------------------|---------|------|----------|
| | Number of workers | Average— | | Number of workers | Total ³ | | | Number of workers | East | | Number of workers | Average— | | Number of workers | Average— | | | | | |
| | | Hourly earnings | Weekly hours ⁴ | | Weekly earnings ⁴ | Hourly earnings | Weekly hours ⁴ | | Weekly earnings ⁴ | Hourly earnings | | Weekly hours ⁴ | Weekly earnings ⁴ | | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁴ | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 587 | \$ 3.40 | 41.5 | \$141.00 | 41 | \$ 3.28 | 39.0 | \$128.00 | 32 | \$ 3.28 | 38.5 | \$126.00 | 92 | \$ 3.41 | 39.0 | \$133.50 | 308 | \$ 3.42 | 42.0 | \$144.00 |
| Boom-conveyor operators: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 687 | 3.34 | 42.0 | 139.50 | 86 | 3.05 | 47.5 | 144.00 | 86 | 3.05 | 47.5 | 144.00 | 108 | 3.41 | 40.0 | 135.50 | 380 | 3.43 | 42.0 | 143.50 |
| Brakemen: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 620 | 3.21 | 40.0 | 129.00 | 84 | 3.10 | 39.5 | 123.00 | 82 | 3.09 | 39.5 | 122.50 | 72 | 3.41 | 41.5 | 141.00 | 238 | 3.40 | 40.0 | 137.00 |
| Bratticemen: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 948 | 3.37 | 40.5 | 137.00 | 87 | 3.25 | 39.0 | 127.00 | 54 | 3.25 | 38.5 | 124.50 | 207 | 3.41 | 39.5 | 134.00 | 341 | 3.42 | 42.0 | 143.50 |
| Continuous mining-machine operators: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 271 | 3.32 | 42.0 | 139.00 | - | - | - | - | - | - | - | - | - | - | - | - | 122 | 3.12 | 42.0 | 130.50 |
| 50 workers or more | 2,536 | 3.75 | 41.5 | 155.00 | 97 | 3.54 | 45.5 | 161.00 | 94 | 3.54 | 46.0 | 162.50 | 732 | 3.74 | 41.5 | 154.50 | 1,137 | 3.75 | 41.5 | 155.50 |
| Continuous mining-machine operators' helpers: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 401 | 3.15 | 39.0 | 123.00 | - | - | - | - | - | - | - | - | - | - | - | - | 152 | 2.80 | 38.5 | 102.00 |
| 50 workers or more | 2,016 | 3.67 | 40.5 | 149.00 | 50 | 3.70 | 39.0 | 144.00 | 48 | 3.71 | 39.0 | 145.00 | 698 | 3.69 | 40.5 | 150.00 | 848 | 3.69 | 40.5 | 150.00 |
| Conveyor belt cleaners: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 1,013 | 3.43 | 41.0 | 141.50 | 124 | 3.28 | 39.0 | 128.50 | 26 | 3.35 | 38.0 | 126.50 | 88 | 3.40 | 41.0 | 140.00 | 430 | 3.42 | 42.0 | 143.50 |
| Cutting-machine operators: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 914 | 2.76 | 39.0 | 107.00 | 324 | 2.43 | 39.0 | 95.50 | 309 | 2.44 | 39.5 | 96.00 | - | - | - | - | 308 | 3.12 | 37.5 | 118.00 |
| 50 workers or more | 1,684 | 3.56 | 41.0 | 145.50 | 271 | 3.40 | 41.0 | 140.00 | 176 | 3.38 | 41.5 | 140.50 | 152 | 3.71 | 39.5 | 146.50 | 709 | 3.70 | 41.0 | 152.00 |
| Cutting-machine operators' helpers: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 544 | 2.60 | 39.0 | 102.00 | 211 | 2.19 | 37.0 | 81.50 | 196 | 2.22 | 37.0 | 82.00 | - | - | - | - | 171 | 3.10 | 41.5 | 128.50 |
| 50 workers or more | 1,149 | 3.59 | 40.0 | 144.50 | 198 | 3.39 | 40.5 | 137.00 | 121 | 3.36 | 40.0 | 135.00 | 136 | 3.71 | 39.5 | 146.00 | 633 | 3.71 | 40.5 | 149.50 |
| Drillers, machine: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 311 | 2.52 | 39.0 | 98.00 | 210 | 2.21 | 40.0 | 88.50 | 197 | 2.24 | 40.0 | 90.00 | - | - | - | - | 55 | 3.27 | 32.5 | 105.50 |
| 50 workers or more | 1,022 | 3.49 | 41.0 | 142.00 | 204 | 3.35 | 40.0 | 133.00 | 110 | 3.31 | 39.5 | 131.50 | 92 | 3.55 | 38.5 | 136.50 | 357 | 3.55 | 42.5 | 151.00 |
| Electricians, maintenance: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 242 | 3.32 | 42.0 | 139.00 | - | - | - | - | - | - | - | - | - | - | - | - | 174 | 3.59 | 41.5 | 148.00 |
| 50 workers or more | 1,875 | 3.70 | 43.5 | 161.50 | 152 | 3.63 | 41.0 | 149.50 | 139 | 3.64 | 41.0 | 148.50 | 14 | 3.75 | 48.0 | 180.00 | 1,221 | 3.74 | 44.0 | 165.00 |
| Loaders, hand: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 2,851 | 2.36 | 35.5 | 83.50 | 658 | 1.90 | 35.5 | 67.50 | 658 | 1.90 | 35.5 | 67.50 | - | - | - | - | 759 | 2.48 | 35.5 | 88.00 |
| Loading-machine operators: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 499 | 2.83 | 38.5 | 109.00 | 215 | 2.50 | 37.0 | 92.50 | 203 | 2.53 | 37.0 | 93.50 | - | - | - | - | 150 | 3.33 | 38.0 | 126.00 |
| 50 workers or more | 2,656 | 3.65 | 40.5 | 148.50 | 337 | 3.42 | 40.0 | 137.50 | 231 | 3.41 | 40.5 | 138.00 | 343 | 3.71 | 40.0 | 149.00 | 1,390 | 3.70 | 41.5 | 153.00 |
| Mechanics, maintenance: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 169 | 3.18 | 43.0 | 137.00 | 32 | 2.79 | 46.0 | 129.00 | 17 | 2.59 | 37.0 | 95.50 | - | - | - | - | 37 | 3.44 | 42.0 | 145.00 |
| 50 workers or more | 4,191 | 3.71 | 43.5 | 162.00 | 490 | 3.51 | 44.0 | 155.50 | 310 | 3.52 | 44.0 | 154.50 | 1,340 | 3.75 | 43.0 | 162.00 | 1,502 | 3.75 | 44.5 | 167.50 |
| Mechanics' helpers, maintenance: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 248 | 3.39 | 41.0 | 138.50 | - | - | - | - | - | - | - | - | 65 | 3.51 | 41.5 | 146.00 | 76 | 3.42 | 40.0 | 137.50 |
| Miners, pick: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 360 | 2.46 | 36.0 | 88.50 | - | - | - | - | - | - | - | - | - | - | - | - | 294 | 2.53 | 36.0 | 91.50 |
| Motormen: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 1,099 | 2.59 | 39.5 | 101.50 | 321 | 2.40 | 39.5 | 94.50 | 313 | 2.41 | 39.0 | 94.50 | - | - | - | - | 253 | 3.04 | 40.0 | 122.00 |
| 50 workers or more | 4,695 | 3.36 | 41.0 | 138.00 | 433 | 3.14 | 43.0 | 136.00 | 391 | 3.13 | 43.5 | 136.00 | 1,303 | 3.43 | 40.5 | 139.00 | 2,017 | 3.43 | 42.0 | 143.50 |
| Oilers and greasers: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 153 | 3.41 | 43.0 | 147.00 | 18 | 3.34 | 39.5 | 132.00 | - | - | - | - | 28 | 3.41 | 41.0 | 139.00 | 70 | 3.45 | 46.0 | 158.50 |
| Pumpmen: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 324 | 3.36 | 45.0 | 152.00 | 40 | 3.18 | 43.5 | 137.50 | 24 | 3.14 | 43.0 | 135.00 | 48 | 3.38 | 48.5 | 163.00 | 168 | 3.40 | 46.0 | 156.00 |
| Roof bolters: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 175 | 2.76 | 41.5 | 115.00 | 80 | 2.71 | 43.5 | 117.50 | 29 | 2.22 | 35.5 | 78.50 | - | - | - | - | - | - | - | - |
| 50 workers or more | 4,864 | 3.54 | 40.5 | 142.50 | 483 | 3.41 | 42.0 | 143.50 | 389 | 3.41 | 42.5 | 145.00 | 1,200 | 3.56 | 40.0 | 142.00 | 2,038 | 3.55 | 40.5 | 143.50 |

See footnotes at end of table.

Table 8. Underground Mines: Occupational Averages—By Size of Mine—Continued

(Number, average weekly hours worked, and average straight-time earnings¹ of production workers in selected occupations, United States and selected States, January 1967)

| Occupation and size of mine | United States ² | | | Kentucky | | | | | | | | | Pennsylvania | | | West Virginia | | | | |
|---|----------------------------|-----------------|---------------------------|-------------------|------------------------------|-----------------|---------------------------|-------------------|------------------------------|-----------------|---------------------------|-------------------|------------------------------|-----------------|-------------------|---------------------------|------------------------------|---------|------|----------|
| | Number of workers | Average— | | Number of workers | Total ³ | | | Number of workers | East | | | Number of workers | Average— | | Number of workers | Average— | | | | |
| | | Hourly earnings | Weekly hours ⁴ | | Weekly earnings ⁴ | Hourly earnings | Weekly hours ⁴ | | Weekly earnings ⁴ | Hourly earnings | Weekly hours ⁴ | | Weekly earnings ⁴ | Hourly earnings | | Weekly hours ⁴ | Weekly earnings ⁴ | | | |
| <u>Inside workers—Continued</u> | | | | | | | | | | | | | | | | | | | | |
| Shot firers: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 382 | \$ 2.43 | 37.5 | \$ 91.50 | 64 | \$ 2.20 | 39.0 | \$ 85.50 | 61 | \$ 2.19 | 38.5 | \$ 84.50 | - | - | - | - | 36 | \$ 3.08 | 40.0 | \$123.00 |
| 50 workers or more | 1,162 | 3.49 | 40.0 | 140.00 | 166 | 3.47 | 40.0 | 138.50 | 82 | 3.56 | 39.5 | 141.00 | 124 | \$ 3.56 | 37.5 | \$133.50 | 478 | 3.55 | 40.5 | 144.00 |
| Shuttle-car operators: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 862 | 2.77 | 38.5 | 106.50 | 315 | 2.31 | 37.5 | 86.00 | 300 | 2.32 | 37.0 | 86.00 | - | - | - | - | 404 | 2.96 | 38.5 | 113.50 |
| 50 workers or more | 5,390 | 3.39 | 40.5 | 137.00 | 681 | 3.18 | 41.5 | 132.50 | 490 | 3.10 | 42.5 | 131.50 | 807 | 3.45 | 40.0 | 138.50 | 2,544 | 3.43 | 40.5 | 138.50 |
| Timbermen: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 573 | 2.63 | 38.5 | 101.00 | 170 | 2.32 | 41.5 | 96.00 | 167 | 2.32 | 41.5 | 96.50 | - | - | - | - | 180 | 3.10 | 36.0 | 111.00 |
| 50 workers or more | 1,180 | 3.35 | 39.5 | 133.00 | 146 | 3.09 | 38.5 | 119.00 | 109 | 3.03 | 38.5 | 116.50 | 275 | 3.37 | 40.0 | 134.50 | 404 | 3.41 | 39.5 | 135.50 |
| Trackmen: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 106 | 2.49 | 38.0 | 94.50 | 50 | 1.84 | 36.0 | 66.50 | 46 | 1.86 | 36.0 | 67.00 | - | - | - | - | - | - | - | - |
| 50 workers or more | 1,373 | 3.33 | 42.5 | 142.00 | 232 | 2.99 | 46.0 | 137.50 | 207 | 2.96 | 46.5 | 138.00 | 199 | 3.41 | 39.5 | 134.00 | 683 | 3.41 | 42.5 | 145.50 |
| <u>Outside workers (noncontinuous operations)</u> | | | | | | | | | | | | | | | | | | | | |
| Car droppers: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 658 | 3.58 | 40.0 | 143.00 | 68 | 3.43 | 38.0 | 129.50 | 47 | 3.44 | 38.5 | 132.50 | 63 | 3.62 | 40.5 | 147.00 | 358 | 3.59 | 40.5 | 145.00 |
| Car dumpers: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 196 | 1.75 | 38.0 | 67.00 | 56 | 1.88 | 40.5 | 76.50 | 56 | 1.88 | 40.5 | 76.50 | - | - | - | - | - | - | - | - |
| 50 workers or more | 231 | 3.16 | 38.0 | 120.50 | 13 | 3.42 | 38.5 | 131.00 | 13 | 3.42 | 38.5 | 131.00 | 45 | 3.63 | 39.0 | 141.00 | 99 | 3.63 | 40.5 | 147.50 |
| Electricians, maintenance: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 429 | 3.71 | 41.0 | 152.50 | 40 | 3.54 | 41.0 | 145.50 | 31 | 3.55 | 39.5 | 141.00 | - | - | - | - | 205 | 3.73 | 42.5 | 157.50 |
| Lampmen: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 287 | 3.59 | 39.5 | 141.00 | 32 | 3.51 | 38.5 | 136.00 | 24 | 3.54 | 39.0 | 138.50 | 87 | 3.63 | 38.0 | 138.00 | 89 | 3.60 | 40.5 | 146.00 |
| Mechanics, maintenance: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 1,734 | 3.72 | 41.5 | 154.50 | 253 | 3.51 | 44.0 | 154.00 | 181 | 3.50 | 44.5 | 156.00 | 254 | 3.79 | 38.0 | 144.00 | 827 | 3.75 | 43.5 | 163.50 |
| Mechanics' helpers, maintenance: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 135 | 3.54 | 42.0 | 148.50 | 20 | 2.95 | 53.0 | 156.50 | 20 | 2.95 | 53.0 | 156.50 | 32 | 3.72 | 40.5 | 151.00 | 57 | 3.65 | 41.0 | 149.00 |
| Slate pickers: | | | | | | | | | | | | | | | | | | | | |
| 50 workers or more | 234 | 3.48 | 39.0 | 136.50 | 34 | 2.95 | 35.5 | 104.50 | 31 | 2.92 | 35.5 | 103.50 | 15 | 3.58 | 35.5 | 127.50 | 129 | 3.57 | 41.0 | 147.00 |
| Tipple operators: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 244 | 2.45 | 42.0 | 102.50 | 66 | 1.71 | 38.0 | 65.00 | 56 | 1.68 | 37.0 | 62.00 | - | - | - | - | 88 | 3.08 | 42.0 | 129.50 |
| 50 workers or more | 1,015 | 3.54 | 41.0 | 145.50 | 134 | 3.19 | 44.0 | 139.50 | 112 | 3.14 | 44.5 | 139.50 | 152 | 3.70 | 40.0 | 147.50 | 522 | 3.59 | 41.5 | 148.50 |
| Truckdrivers: ⁵ | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 429 | 2.21 | 41.0 | 91.00 | 103 | 1.98 | 41.0 | 81.00 | 73 | 1.76 | 40.0 | 70.50 | - | - | - | - | 167 | 2.44 | 42.0 | 102.50 |
| 50 workers or more | 670 | 3.37 | 39.5 | 133.00 | 61 | 3.18 | 39.0 | 123.50 | 50 | 3.10 | 39.0 | 121.00 | 91 | 3.59 | 37.0 | 133.50 | 348 | 3.48 | 40.0 | 140.00 |
| Other than trailer type: | | | | | | | | | | | | | | | | | | | | |
| 10-49 workers | 429 | 2.21 | 41.0 | 91.00 | 103 | 1.98 | 41.0 | 81.00 | 73 | 1.76 | 40.0 | 70.50 | - | - | - | - | 167 | 2.44 | 42.0 | 102.50 |
| 50 workers or more | 634 | 3.35 | 39.5 | 131.50 | 51 | 3.10 | 39.0 | 120.50 | 49 | 3.09 | 39.0 | 120.50 | 81 | 3.58 | 37.5 | 133.50 | 334 | 3.47 | 40.0 | 138.50 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Includes data for both East and West Kentucky.

⁴ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

⁵ Includes data for truckdrivers in addition to those shown separately.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 9. Underground Mines: Occupational Averages—By Labor-Management Contract Coverage¹(Number, average weekly hours worked, and average straight-time earnings² of production workers in selected occupations, United States and selected States, January 1967)

| Occupation | United States ³ | | | Kentucky | | | | | | | | | Pennsylvania | | | West Virginia | | | | |
|---|----------------------------|-----------------|---------------------------|------------------------------|-------------------|-----------------|---------------------------|------------------------------|-------------------|-----------------|---------------------------|------------------------------|-------------------|-----------------|---------------------------|------------------------------|-------------------|-----------------|---------------------------|------------------------------|
| | Number of workers | Average— | | | Number of workers | Average— | | | Number of workers | Average— | | | Number of workers | Average— | | | Number of workers | Average— | | |
| | | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁵ | | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁵ | | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁵ | | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁵ | | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁵ |
| Inside workers | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 584 | \$3.40 | 41.5 | \$141.00 | 40 | \$3.27 | 39.0 | \$127.50 | 32 | \$3.28 | 38.5 | \$126.00 | 92 | \$3.41 | 39.0 | \$133.50 | 306 | \$3.42 | 42.0 | \$144.00 |
| Boom-conveyor operators: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 688 | 3.40 | 41.0 | 138.50 | 52 | 3.10 | 38.0 | 118.50 | 52 | 3.10 | 38.0 | 118.50 | 106 | 3.42 | 39.5 | 135.50 | 432 | 3.43 | 41.5 | 142.50 |
| Brakemen: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 582 | 3.35 | 40.0 | 135.00 | 72 | 3.32 | 40.0 | 130.00 | 70 | 3.32 | 40.0 | 132.50 | 72 | 3.41 | 41.5 | 141.00 | 258 | 3.41 | 40.0 | 135.50 |
| Bratticemen: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 970 | 3.37 | 40.5 | 137.00 | 77 | 3.28 | 39.0 | 128.50 | 46 | 3.30 | 38.0 | 126.00 | 219 | 3.41 | 39.5 | 134.50 | 361 | 3.42 | 42.0 | 143.00 |
| Continuous mining-machine operators: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 2,599 | 3.76 | 41.0 | 154.50 | 69 | 3.74 | 38.5 | 144.00 | 66 | 3.75 | 38.5 | 145.00 | 767 | 3.75 | 41.5 | 155.00 | 1,193 | 3.75 | 41.5 | 155.50 |
| Nonunion mines | 208 | 3.05 | 45.0 | 137.50 | 58 | 3.17 | 55.0 | 174.50 | 38 | 3.13 | 57.0 | 178.00 | - | - | - | - | 66 | 2.58 | 42.5 | 109.50 |
| Continuous mining-machine operators' helpers: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 2,069 | 3.69 | 40.5 | 150.00 | 50 | 3.70 | 39.0 | 144.00 | 48 | 3.71 | 39.0 | 145.00 | 729 | 3.71 | 40.5 | 151.00 | 896 | 3.69 | 40.5 | 150.00 |
| Nonunion mines | 348 | 2.93 | 39.0 | 114.50 | - | - | - | - | - | - | - | - | - | - | - | - | 104 | 2.36 | 34.5 | 81.50 |
| Conveyor belt cleaners: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,077 | 3.40 | 41.0 | 140.00 | 129 | 3.16 | 39.0 | 123.50 | 34 | 2.91 | 38.5 | 111.50 | 105 | 3.40 | 41.0 | 139.50 | 472 | 3.39 | 42.0 | 141.50 |
| Cutting-machine operators: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,834 | 3.59 | 40.5 | 145.50 | 268 | 3.36 | 41.0 | 138.50 | 181 | 3.32 | 41.5 | 137.50 | 185 | 3.63 | 40.0 | 145.00 | 854 | 3.65 | 40.5 | 148.00 |
| Nonunion mines | 764 | 2.54 | 39.0 | 99.00 | 327 | 2.47 | 39.5 | 97.00 | 304 | 2.46 | 39.5 | 96.50 | - | - | - | - | 163 | 2.85 | 37.5 | 107.00 |
| Cutting-machine operators' helpers: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,304 | 3.58 | 40.5 | 144.50 | 206 | 3.31 | 40.5 | 134.00 | 138 | 3.25 | 40.5 | 131.00 | 159 | 3.67 | 40.0 | 147.50 | 771 | 3.64 | 40.5 | 147.00 |
| Nonunion mines | 389 | 2.24 | 38.0 | 85.50 | 203 | 2.23 | 37.0 | 82.50 | 179 | 2.20 | 36.5 | 80.50 | - | - | - | - | - | - | - | - |
| Drillers, machine: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,034 | 3.51 | 40.5 | 143.00 | 185 | 3.37 | 40.0 | 134.50 | 99 | 3.35 | 39.5 | 133.00 | 92 | 3.55 | 38.5 | 136.50 | 379 | 3.56 | 42.0 | 150.00 |
| Nonunion mines | 299 | 2.42 | 39.0 | 94.50 | 229 | 2.29 | 40.0 | 91.00 | 208 | 2.27 | 40.0 | 91.00 | - | - | - | - | 33 | 2.92 | 30.5 | 89.50 |
| Electricians, maintenance: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,992 | 3.71 | 43.5 | 161.00 | 151 | 3.63 | 41.0 | 149.50 | 139 | 3.64 | 41.0 | 148.50 | 20 | 3.75 | 48.0 | 180.00 | 1,344 | 3.74 | 43.5 | 163.50 |
| Nonunion mines | 125 | 2.91 | 45.0 | 131.00 | - | - | - | - | - | - | - | - | - | - | - | - | 51 | 3.20 | 45.0 | 144.00 |
| Loaders, hand: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 739 | 2.96 | 38.0 | 112.00 | - | - | - | - | - | - | - | - | 206 | 3.31 | 43.0 | 143.00 | - | - | - | - |
| Nonunion mines | 2,349 | 2.12 | 34.5 | 73.50 | 715 | 1.89 | 36.0 | 68.00 | 715 | 1.89 | 36.0 | 68.00 | - | - | - | - | 509 | 2.16 | 33.5 | 73.00 |
| Loading-machine operators: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 2,736 | 3.65 | 40.5 | 148.50 | 330 | 3.40 | 40.0 | 135.50 | 232 | 3.38 | 40.0 | 135.00 | 343 | 3.71 | 40.0 | 149.00 | 1,463 | 3.71 | 41.0 | 153.00 |
| Nonunion mines | 419 | 2.68 | 38.5 | 102.50 | 222 | 2.56 | 37.5 | 96.50 | 202 | 2.56 | 37.5 | 96.50 | - | - | - | - | 77 | 2.85 | 37.0 | 105.50 |
| Mechanics, maintenance: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 4,169 | 3.72 | 43.5 | 161.50 | 422 | 3.55 | 42.0 | 149.00 | 250 | 3.59 | 40.0 | 143.50 | 1,383 | 3.75 | 43.5 | 162.00 | 1,502 | 3.75 | 44.5 | 167.50 |
| Nonunion mines | 191 | 3.06 | 48.5 | 148.50 | 100 | 3.10 | 54.0 | 168.00 | 77 | 3.06 | 54.5 | 167.00 | - | - | - | - | 37 | 3.44 | 42.0 | 145.00 |
| Mechanics' helpers, maintenance: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 224 | 3.43 | 40.0 | 138.00 | - | - | - | - | - | - | - | - | 65 | 3.51 | 41.5 | 146.00 | 76 | 3.42 | 40.0 | 137.50 |
| Miners, pick: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 326 | 2.44 | 35.0 | 85.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Motormen: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 4,708 | 3.39 | 41.0 | 139.00 | 377 | 3.22 | 40.0 | 129.00 | 335 | 3.22 | 40.0 | 128.50 | 1,311 | 3.43 | 40.5 | 139.00 | 2,157 | 3.42 | 41.5 | 142.50 |
| Nonunion mines | 1,086 | 2.46 | 40.0 | 98.00 | 377 | 2.43 | 43.0 | 105.00 | 369 | 2.44 | 43.0 | 105.00 | - | - | - | - | 113 | 2.73 | 40.5 | 110.00 |
| Pumpmen: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 318 | 3.37 | 45.0 | 152.00 | 35 | 3.20 | 43.0 | 137.00 | 20 | 3.18 | 41.0 | 130.50 | 54 | 3.38 | 47.5 | 160.00 | 166 | 3.40 | 45.5 | 155.00 |
| Roof bolters: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 4,845 | 3.54 | 40.0 | 142.00 | 427 | 3.46 | 39.5 | 137.50 | 337 | 3.48 | 39.5 | 137.50 | 1,200 | 3.56 | 40.0 | 142.00 | 2,060 | 3.55 | 40.5 | 143.50 |
| Nonunion mines | 194 | 2.69 | 47.5 | 128.00 | 136 | 2.81 | 50.5 | 141.50 | 81 | 2.67 | 52.0 | 139.50 | - | - | - | - | - | - | - | - |

See footnotes at end of table.

Table 9. Underground Mines: Occupational Averages—By Labor-Management Contract Coverage¹—Continued

(Number, average weekly hours worked, and average straight-time earnings² of production workers in selected occupations, United States and selected States, January 1967)

| Occupation | United States ³ | | | Kentucky | | | | | | | | | Pennsylvania | | | West Virginia | | | | |
|---|----------------------------|-----------------|--------------|------------------------------|-------------------|-----------------|--------------|------------------------------|-------------------|-----------------|--------------|------------------------------|-------------------|-----------------|--------------|------------------------------|-------------------|-----------------|--------------|------------------------------|
| | Number of workers | Average— | | | Number of workers | Average— | | | Number of workers | Average— | | | Number of workers | Average— | | | Number of workers | Average— | | |
| | | Hourly earnings | Weekly hours | Weekly earnings ⁵ | | Hourly earnings | Weekly hours | Weekly earnings ⁵ | | Hourly earnings | Weekly hours | Weekly earnings ⁵ | | Hourly earnings | Weekly hours | Weekly earnings ⁵ | | Hourly earnings | Weekly hours | Weekly earnings ⁵ |
| <u>Inside workers—Continued</u> | | | | | | | | | | | | | | | | | | | | |
| Shot firers: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,181 | \$3.49 | 40.0 | \$139.50 | 158 | \$3.48 | 40.0 | \$138.50 | 82 | \$3.56 | 39.5 | \$141.00 | 124 | \$3.56 | 37.5 | \$133.50 | 501 | \$3.54 | 40.5 | \$143.00 |
| Nonunion mines | 363 | 2.39 | 37.5 | 90.00 | 72 | 2.33 | 39.5 | 91.50 | 61 | 2.19 | 38.5 | 84.50 | - | - | - | - | - | - | - | - |
| Shuttle-car operators: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 5,610 | 3.39 | 40.0 | 135.50 | 597 | 3.21 | 39.5 | 127.50 | 422 | 3.15 | 39.5 | 125.00 | 873 | 3.45 | 40.5 | 139.00 | 2,811 | 3.40 | 40.0 | 135.50 |
| Nonunion mines | 642 | 2.56 | 41.5 | 106.50 | 399 | 2.44 | 41.0 | 100.50 | 368 | 2.41 | 41.5 | 99.50 | - | - | - | - | 137 | 2.65 | 44.0 | 117.00 |
| Timbermen: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,300 | 3.35 | 39.5 | 132.50 | 136 | 3.12 | 38.5 | 119.50 | 102 | 3.08 | 38.0 | 117.50 | 275 | 3.41 | 39.5 | 131.50 | 512 | 3.43 | 39.5 | 136.00 |
| Nonunion mines | 453 | 2.42 | 38.0 | 92.50 | 180 | 2.34 | 41.5 | 97.00 | 174 | 2.32 | 41.5 | 96.50 | - | - | - | - | 72 | 2.49 | 30.0 | 75.00 |
| Trackmen: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,344 | 3.38 | 41.5 | 140.50 | 153 | 3.21 | 40.5 | 130.50 | 132 | 3.20 | 41.0 | 130.50 | 209 | 3.39 | 39.5 | 133.50 | 713 | 3.41 | 42.5 | 145.00 |
| Nonunion mines | 165 | 2.41 | 48.0 | 116.00 | 129 | 2.29 | 48.5 | 111.00 | 121 | 2.28 | 49.0 | 112.00 | - | - | - | - | - | - | - | - |
| <u>Outside workers (noncontinuous operations)</u> | | | | | | | | | | | | | | | | | | | | |
| Car droppers: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 679 | 3.59 | 40.0 | 143.00 | 66 | 3.43 | 38.0 | 129.50 | 47 | 3.44 | 38.5 | 132.50 | 63 | 3.62 | 40.5 | 147.00 | 376 | 3.60 | 40.5 | 145.00 |
| Car dumpers: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 224 | 3.30 | 39.0 | 128.50 | 17 | 3.14 | 38.5 | 121.50 | 17 | 3.14 | 38.5 | 121.50 | 43 | 3.68 | 38.5 | 142.00 | 99 | 3.63 | 40.5 | 147.50 |
| Nonunion mines | 203 | 1.64 | 37.5 | 61.50 | 52 | 1.86 | 40.5 | 75.50 | 52 | 1.86 | 40.5 | 75.50 | - | - | - | - | - | - | - | - |
| Electricians, maintenance: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 399 | 3.73 | 41.0 | 153.00 | 36 | 3.58 | 39.5 | 142.00 | 29 | 3.59 | 38.0 | 137.50 | - | - | - | - | 199 | 3.76 | 42.0 | 159.00 |
| Lampmen: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 283 | 3.60 | 39.0 | 140.50 | 30 | 3.55 | 38.5 | 137.50 | 22 | 3.60 | 39.0 | 140.50 | 87 | 3.63 | 38.0 | 138.00 | 87 | 3.62 | 40.0 | 144.50 |
| Mechanics, maintenance: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,690 | 3.74 | 41.0 | 154.00 | 214 | 3.55 | 40.5 | 143.50 | 149 | 3.56 | 39.5 | 141.50 | 257 | 3.79 | 38.0 | 144.00 | 825 | 3.75 | 43.5 | 163.50 |
| Slate pickers: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 263 | 3.50 | 39.5 | 138.50 | 32 | 2.93 | 35.5 | 103.50 | 31 | 2.92 | 35.5 | 103.50 | 15 | 3.58 | 35.5 | 127.50 | 147 | 3.59 | 41.0 | 147.50 |
| Tipple operators: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 1,020 | 3.60 | 40.0 | 144.50 | 92 | 3.44 | 38.5 | 133.00 | 75 | 3.41 | 38.5 | 130.50 | 158 | 3.69 | 40.0 | 147.50 | 553 | 3.65 | 41.0 | 149.00 |
| Nonunion mines | 239 | 2.19 | 45.5 | 100.00 | 108 | 2.08 | 44.5 | 92.50 | 93 | 2.04 | 45.0 | 91.50 | - | - | - | - | 57 | 2.23 | 48.0 | 106.50 |
| Truckdrivers: ⁶ | | | | | | | | | | | | | | | | | | | | |
| Union mines | 737 | 3.40 | 39.5 | 134.50 | 47 | 3.56 | 37.0 | 131.50 | 36 | 3.57 | 36.5 | 130.00 | 94 | 3.56 | 37.5 | 133.50 | 414 | 3.43 | 40.0 | 137.50 |
| Nonunion mines | 362 | 1.92 | 41.0 | 78.50 | 117 | 1.97 | 41.5 | 81.50 | 87 | 1.78 | 41.0 | 72.50 | - | - | - | - | 101 | 1.97 | 43.0 | 85.00 |
| Other than trailer type: | | | | | | | | | | | | | | | | | | | | |
| Union mines | 701 | 3.39 | 39.5 | 134.50 | 37 | 3.56 | 36.5 | 130.00 | 35 | 3.57 | 36.5 | 130.00 | 84 | 3.54 | 37.5 | 132.00 | 400 | 3.42 | 40.0 | 136.50 |
| Nonunion mines | 362 | 1.92 | 41.0 | 78.50 | 117 | 1.97 | 41.5 | 81.50 | 87 | 1.78 | 41.0 | 72.50 | - | - | - | - | 101 | 1.97 | 43.0 | 85.00 |

¹ For purposes of this survey, union mines include those in which a majority of the production workers were covered by the terms of labor-management contracts; nonunion mines include those in which none or a minority of such workers were covered by labor-management contracts.

² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

³ Includes data for States in addition to those shown separately.

⁴ Includes data for both East and West Kentucky.

⁵ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

⁶ Includes data for truckdrivers in addition to those shown separately.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 10. Underground Mines: Occupational Earnings (Hourly)—United States

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|---|--|--|
| | | | Under \$1.60 | \$1.60 and under \$1.70 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.80 and over | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 590 | \$3.39 | - | - | - | - | - | - | 3 | - | - | - | 2 | 4 | - | 2 | - | - | - | 30 | 31 | 496 | 8 | 8 | 6 | - | - | - | | |
| Boom-conveyor operators----- | 775 | 3.31 | 5 | - | - | - | - | 12 | 8 | 11 | - | 2 | 9 | 32 | - | 25 | - | 5 | 25 | - | 555 | 78 | 7 | - | 1 | - | - | | | |
| Brakemen----- | 676 | 3.15 | 24 | - | 12 | 1 | - | 39 | - | 4 | - | 12 | 8 | - | - | 2 | - | 101 | 6 | - | 466 | - | 1 | - | - | - | - | | | |
| Bratticemen----- | 1,030 | 3.32 | 5 | - | - | - | 11 | 3 | - | 16 | - | - | 4 | 3 | 4 | - | 10 | - | - | 206 | - | 724 | 22 | 12 | 6 | 4 | - | | | |
| Continuous mining-machine operators----- | 2,807 | 3.71 | - | - | - | - | - | 16 | - | - | - | - | 5 | - | 34 | 20 | - | 20 | 8 | 54 | 12 | 3 | 40 | - | 2394 | 201 | - | | | |
| Continuous mining-machine operators' helpers----- | 2,417 | 3.58 | - | - | 16 | - | - | - | - | 40 | - | 56 | - | 36 | - | - | - | 4 | 70 | 48 | 29 | 1 | 246 | 66 | 1795 | 10 | - | | | |
| Conveyor belt cleaners----- | 1,103 | 3.38 | 8 | - | 9 | - | - | - | 6 | - | - | 8 | - | 2 | - | - | - | 32 | 22 | 119 | 118 | 543 | 49 | 177 | - | 10 | - | | | |
| Cutting-machine operators----- | 2,598 | 3.28 | 4 | 5 | 45 | 10 | - | 102 | 21 | 85 | 15 | 2 | 225 | 66 | 115 | 52 | 40 | 62 | 41 | 4 | 4 | 99 | 190 | 1 | 1305 | 105 | - | | | |
| Cutting-machine operators' helpers----- | 1,693 | 3.27 | 9 | 15 | 39 | 18 | - | 44 | 22 | 130 | 32 | - | 88 | 21 | 50 | - | 8 | 30 | - | 1 | 55 | 91 | - | - | 1033 | 7 | - | | | |
| Drillers, machine----- | 1,333 | 3.27 | - | - | 40 | 3 | - | 25 | 2 | 96 | 24 | - | 10 | 12 | 4 | 49 | 28 | - | 19 | - | 172 | 86 | 566 | 156 | 30 | 7 | - | | | |
| Electricians, maintenance----- | 2,117 | 3.66 | - | 10 | - | - | - | - | - | - | - | - | 14 | - | 54 | 20 | 20 | 10 | - | - | 70 | 186 | - | - | 1710 | 23 | - | | | |
| Electricians' helpers, maintenance----- | 232 | 3.26 | - | - | - | - | - | - | - | 3 | - | - | 42 | - | - | - | - | - | - | 42 | - | 64 | 70 | - | - | 11 | - | | | |
| Loaders, hand----- | 3,088 | 2.32 | ² 321 | 53 | 284 | 344 | 102 | 407 | 120 | 233 | 77 | 110 | 113 | 114 | 56 | 120 | 11 | 148 | 63 | 107 | 14 | 176 | - | - | 20 | 95 | - | | | |
| Loading-machine operators----- | 3,155 | 3.52 | 4 | - | 18 | - | - | - | 2 | 91 | 9 | - | 116 | 15 | 68 | 42 | 42 | 32 | 12 | 4 | 3 | 273 | 148 | 12 | 2179 | 87 | - | | | |
| Mechanics, maintenance----- | 4,360 | 3.69 | - | - | - | - | - | - | - | 23 | 2 | - | 31 | - | 14 | - | 52 | - | 46 | 35 | 13 | 181 | 99 | 36 | 3790 | 36 | - | | | |
| Mechanics' helpers, maintenance----- | 264 | 3.34 | - | - | - | - | - | - | - | - | - | - | 12 | 4 | - | - | 24 | - | 14 | - | - | 150 | 59 | 1 | - | - | - | | | |
| Miners, pick----- | 360 | 2.46 | 4 | - | - | - | - | - | - | - | - | - | 134 | 50 | 10 | 2 | - | - | 10 | 2 | - | - | - | - | - | - | - | | | |
| Motormen----- | 5,794 | 3.21 | - | 5 | 37 | 39 | 2 | 91 | 33 | 231 | 88 | - | 367 | 110 | 72 | 32 | 19 | 70 | 6 | 301 | - | 4243 | 30 | 5 | 4 | 9 | - | | | |
| Oilers and greasers----- | 153 | 3.41 | - | - | - | - | - | - | - | - | - | - | 4 | 4 | - | - | 4 | - | 6 | 3 | 15 | 26 | 117 | 146 | 5 | 3 | 5 | | | |
| Pumpmen----- | 346 | 3.30 | - | - | 3 | 4 | - | - | - | - | - | - | 3 | 4 | - | - | 6 | - | 11 | 2 | 108 | 6 | - | - | 18 | - | - | | | |
| Roof bolters----- | 5,039 | 3.51 | - | - | 18 | 2 | - | 12 | - | 18 | 10 | - | 31 | 3 | 4 | 13 | 24 | - | 50 | 4 | 363 | 150 | 3921 | 282 | 74 | 23 | - | | | |
| Shot firers----- | 1,544 | 3.23 | 18 | - | 10 | 2 | - | 16 | 32 | 119 | 68 | - | 65 | 4 | 8 | 6 | 12 | 20 | - | 24 | 218 | 8 | 813 | 94 | - | 7 | - | | | |
| Shuttle-car operators----- | 6,252 | 3.31 | - | - | 44 | 32 | - | 50 | 66 | 54 | 23 | - | 90 | 69 | 236 | 64 | 62 | - | 57 | 409 | 122 | 4528 | 310 | 14 | 8 | 14 | - | | | |
| Timbermen----- | 1,753 | 3.11 | 15 | - | 28 | 22 | - | 38 | 51 | 89 | 77 | - | 62 | 2 | 8 | 32 | 12 | 36 | 24 | 112 | - | 1016 | 129 | - | - | - | - | | | |
| Trackmen----- | 1,479 | 3.27 | 6 | - | 33 | 7 | - | 23 | 10 | 3 | - | - | 5 | 6 | 62 | - | 17 | 6 | 49 | 65 | 4 | 1172 | 7 | - | 4 | - | - | | | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 696 | 3.55 | 6 | 2 | - | - | - | 3 | - | 1 | - | - | 4 | - | - | - | 4 | - | - | 9 | 20 | 52 | 67 | 502 | 26 | - | - | - | | |
| Car dumpers----- | 427 | 2.51 | ³ 135 | 5 | 26 | 22 | - | 7 | 4 | 36 | - | - | 9 | - | - | - | - | - | - | - | - | 17 | 5 | 134 | 23 | 4 | - | - | | |
| Car repairmen----- | 137 | 3.59 | - | - | - | - | - | - | - | - | - | - | - | 4 | 2 | - | - | - | - | - | - | 13 | 13 | 70 | 33 | 2 | - | - | | |
| Electricians, maintenance----- | 429 | 3.71 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 8 | - | 1 | 10 | 29 | 80 | 242 | 53 | - | - | - | | | |
| Hoistmen----- | 139 | 3.28 | 9 | 2 | 1 | 2 | - | 2 | - | - | 5 | - | 4 | - | - | - | - | 2 | 3 | 4 | 1 | 11 | 52 | 6 | 22 | 13 | - | | | |
| Lampmen----- | 287 | 3.59 | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 4 | - | - | 4 | 10 | 36 | 36 | 130 | 64 | 1 | - | - | | |
| Mechanics, maintenance----- | 1,779 | 3.70 | - | - | - | - | - | - | 2 | 10 | 10 | - | 5 | - | 14 | 12 | 8 | 10 | 12 | 25 | 8 | 31 | 64 | 195 | 954 | 419 | - | - | | |
| Mechanics' helpers, maintenance----- | 138 | 3.54 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 12 | - | - | 1 | 19 | 9 | 36 | 55 | - | - | - | | | |
| Oilers and greasers----- | 109 | 3.55 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 4 | - | - | 2 | 7 | 12 | 13 | 53 | 17 | - | - | | | |
| Slate pickers----- | 324 | 3.28 | 8 | 4 | 5 | 12 | - | 3 | 3 | - | 9 | - | 4 | - | 8 | - | 12 | - | - | 3 | 21 | 4 | 184 | 37 | 7 | - | - | | | |
| Tipple operators----- | 1,259 | 3.33 | 32 | 2 | 52 | 21 | 4 | 39 | - | 3 | 16 | - | 10 | 32 | 28 | 7 | 16 | - | - | 12 | 20 | 24 | 84 | 609 | 218 | 30 | - | | | |
| Truckdrivers ⁴ ----- | 1,099 | 2.92 | 58 | 42 | 105 | 22 | 3 | 79 | 10 | 40 | - | 8 | 6 | 17 | 3 | - | 90 | 10 | - | 23 | - | 95 | 150 | 292 | 40 | 6 | - | | | |
| Trailer type----- | 34 | 3.66 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 5 | 18 | 1 | - | | | |
| Other than trailer type----- | 1,063 | 2.89 | 58 | 42 | 105 | 22 | 3 | 79 | 10 | 40 | - | 8 | 6 | 17 | 3 | - | 90 | 10 | - | 23 | - | 95 | 138 | 287 | 22 | 5 | - | | | |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hoistmen----- | 109 | 3.51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 4 | 51 | 25 | 17 | 6 | 3 | - | - | | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Workers were distributed as follows: 35 workers at less than \$1.30; 63 at \$1.30 to \$1.40; 24 at \$1.40 to \$1.50; and 199 at \$1.50 to \$1.60.³ Workers were distributed as follows: 50 workers at less than \$1.30; and 85 at \$1.50 to \$1.60.⁴ Includes drivers of a combination of types of trucks as well as those shown separately.

Table 11. Underground Mines: Occupational Earnings (Hourly)—Alabama

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----|--|--|
| | | | Under \$1.50 | \$1.50 and under \$1.60 | \$1.60 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | and over | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 50 | \$3.32 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 30 | - | - | - | - | - | - | | |
| Brakemen | 103 | 3.16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 101 | 2 | - | - | - | - | - | - | | |
| Bratticemen | 152 | 3.16 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 147 | - | - | - | - | - | - | - | | |
| Cutting-machine operators | 185 | 3.31 | - | - | - | - | - | - | 5 | - | - | 5 | - | 22 | - | 3 | - | - | - | - | - | - | 1 | 1 | 144 | 1 | 3 | | | |
| Cutting-machine operators' helpers | 61 | 3.08 | - | 5 | - | - | - | - | - | - | - | 5 | - | 5 | - | - | - | - | - | - | 1 | 44 | 1 | - | - | - | - | - | | |
| Drillers, machine | 86 | 3.37 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 86 | - | - | - | - | - | - | | |
| Electricians, maintenance | 217 | 3.47 | - | - | - | - | - | - | - | - | - | - | - | 8 | - | - | - | - | - | - | - | - | - | 58 | 151 | - | - | - | | |
| Electricians' helpers, maintenance | 36 | 3.22 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 36 | - | - | - | - | - | - | - | | |
| Loaders, hand | 186 | 2.29 | - | 20 | - | 15 | 60 | - | 5 | - | 10 | - | - | 35 | - | 12 | - | - | - | - | 17 | - | - | - | - | - | - | 12 | | |
| Loading-machine operators | 199 | 3.45 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 149 | 50 | - | - | - | | |
| Mechanics, maintenance | 75 | 3.37 | - | - | - | - | - | - | - | - | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | 67 | - | - | - | | |
| Mechanics' helpers, maintenance | 11 | 3.22 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11 | - | - | - | - | - | - | - | | |
| Motormen | 258 | 3.09 | - | - | - | 18 | - | 5 | - | - | - | - | - | 5 | - | - | - | - | - | - | 224 | - | 6 | - | - | - | - | - | | |
| Pumpmen | 19 | 3.17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13 | 6 | - | - | - | - | - | - | | |
| Roof bolters | 233 | 3.37 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 233 | - | - | - | - | - | | |
| Shot firers | 137 | 3.30 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 132 | - | - | - | - | - | | |
| Shuttle-car operators | 288 | 3.23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 288 | - | - | - | - | - | - | - | | |
| Timbermen | 65 | 2.84 | - | 5 | - | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 | - | - | - | - | - | - | - | | |
| Trackmen | 74 | 3.18 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 39 | 29 | 4 | - | - | - | - | - | | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 12 | 3.36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | - | - | - | - | - | - | | |
| Car repairmen | 12 | 3.51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 4 | - | - | - | - | | |
| Electricians, maintenance | 74 | 3.65 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 73 | - | - | - | | |
| Hoistmen | 19 | 2.97 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 11 | - | - | - | - | | |
| Lampmen | 27 | 3.43 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 23 | - | - | - | - | - | | |
| Mechanics, maintenance | 52 | 3.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 1 | - | - | 48 | - | - | - | | |
| Tipple operators | 57 | 2.82 | - | 9 | - | 4 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 12 | 8 | 8 | - | - | - | | |
| Truckdrivers, other than trailer type | 89 | 2.83 | - | 17 | - | 5 | - | 3 | - | 5 | - | - | - | 3 | - | - | - | - | - | - | - | - | - | 42 | 14 | - | - | - | | |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hoistmen | 11 | 3.43 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | 3 | 5 | - | - | - | - | | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Table 12. Underground Mines: Occupational Earnings (Hourly)—Illinois

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | Under \$2.70 | \$2.70 and under \$2.80 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 |
| Inside workers | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 44 | \$ 3.43 | - | - | - | - | - | - | - | - | 36 | 8 | - | - | - |
| Boom-conveyor operators----- | 19 | 3.38 | - | - | - | 5 | - | - | - | - | 5 | 2 | 7 | - | - |
| Bratticemen----- | 50 | 3.50 | - | - | - | - | - | - | - | - | 34 | - | 12 | - | 4 |
| Continuous mining-machine operators----- | 191 | 3.87 | - | - | - | - | - | - | - | - | - | - | - | - | 191 |
| Conveyor belt cleaners----- | 196 | 3.62 | - | - | - | - | - | - | - | - | 1 | 27 | 168 | - | - |
| Cutting-machine operator----- | 141 | 3.75 | - | - | - | 4 | - | - | 4 | 3 | - | 4 | - | 31 | 93 |
| Cutting-machine operators' helpers----- | 13 | 3.49 | - | - | - | 4 | - | - | - | - | - | - | - | 9 | - |
| Drillers, machine----- | 157 | 3.61 | - | - | - | 4 | - | 3 | - | - | - | 2 | 148 | - | - |
| Loading-machine operators----- | 118 | 3.73 | - | - | - | 4 | - | - | 4 | 3 | - | 4 | - | 33 | 70 |
| Mechanics, maintenance----- | 286 | 3.74 | - | - | - | - | - | - | 4 | 3 | - | - | - | 278 | 1 |
| Mechanics' helpers, maintenance----- | 41 | 3.41 | - | - | - | - | - | - | - | - | 41 | - | - | - | - |
| Motormen----- | 99 | 3.41 | - | - | - | 11 | - | - | 6 | - | 73 | - | 5 | 4 | - |
| Pumpmen----- | 17 | 3.51 | - | - | - | - | - | - | - | - | 11 | - | 3 | 3 | - |
| Roof bolters----- | 264 | 3.62 | - | - | - | 4 | - | - | 5 | 4 | - | - | 251 | - | - |
| Shot firers----- | 77 | 3.58 | - | - | - | 4 | - | - | 4 | - | - | 2 | 67 | - | - |
| Shuttle-car operators----- | 355 | 3.46 | - | - | - | 8 | - | - | 6 | 4 | - | 323 | 14 | - | - |
| Timbermen----- | 93 | 3.41 | - | - | - | - | - | - | - | - | 93 | - | - | - | - |
| Trackmen----- | 34 | 3.37 | - | - | - | 3 | - | - | - | - | 31 | - | - | - | - |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | |
| Car droppers----- | 58 | 3.61 | - | - | - | - | - | - | - | - | - | 45 | - | 13 | - |
| Electricians, maintenance----- | 27 | 3.75 | - | - | - | - | - | - | - | - | - | - | - | 27 | - |
| Hoistmen----- | 15 | 3.36 | - | - | - | - | 2 | 3 | 4 | - | - | 2 | 2 | - | - |
| Lampmen----- | 17 | 3.63 | - | - | - | - | - | - | - | - | - | 3 | 14 | - | - |
| Mechanics, maintenance----- | 125 | 3.72 | - | - | - | 4 | 3 | - | - | - | - | - | 6 | 99 | 13 |
| Slate pickers----- | 18 | 2.95 | 4 | 3 | - | 8 | - | - | - | - | - | - | - | 3 | - |
| Tipple operators----- | 49 | 3.55 | - | - | - | 2 | - | - | 4 | - | - | 24 | 19 | - | - |
| Truckdrivers ² ----- | 14 | 3.69 | - | - | - | - | - | - | - | - | - | 5 | 4 | 2 | 3 |
| Other than trailer type----- | 12 | 3.71 | - | - | - | - | - | - | - | - | - | 3 | 4 | 2 | 3 |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | |
| Hoistmen----- | 29 | 3.61 | - | - | - | - | - | - | - | - | 3 | 6 | 17 | 3 | - |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Includes drivers of other types of trucks in addition to those shown separately.

Table 13. Underground Mines: Occupational Earnings (Hourly)—Kentucky

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|---|
| | | | Under \$1.50 | \$1.50 and under \$1.60 | \$1.60 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 | \$4.00 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 44 | \$3.21 | - | - | - | - | - | - | - | - | 3 | - | - | - | 2 | 4 | - | - | - | - | 8 | 1 | 26 | - | - | - | - | - | - | - | |
| Boom-conveyor operators... | 110 | 2.96 | - | - | - | - | - | - | - | - | 8 | 1 | - | - | 9 | 32 | - | 20 | - | 5 | - | 35 | - | - | - | - | - | - | - | - | |
| Brakemen | 106 | 2.87 | - | - | 12 | - | - | - | 22 | - | - | - | - | - | 8 | - | - | - | - | - | 2 | 62 | - | - | - | - | - | - | - | - | |
| Bratticemen | 106 | 3.07 | - | - | - | - | - | - | 3 | - | 16 | - | - | - | 3 | 4 | - | 8 | - | - | 31 | - | 41 | - | - | - | - | - | - | - | |
| Continuous mining-machine operators | 127 | 3.48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 8 | 20 | 10 | 3 | - | - | - | - | - | 66 | - | |
| Continuous mining-machine operators' helpers | 120 | 3.36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 70 | - | 1 | 1 | - | - | - | - | - | - | 48 | - | |
| Conveyor belt cleaners | 147 | 3.04 | - | 8 | - | 9 | - | - | - | - | 6 | - | - | - | - | 2 | - | - | - | - | 95 | 5 | 22 | - | - | - | - | - | - | - | |
| Cutting-machine operators | 595 | 2.87 | - | 4 | - | 17 | 8 | - | 45 | 1 | 48 | 5 | 2 | 104 | 2 | 82 | 4 | 20 | 32 | 21 | - | - | 95 | - | - | - | - | 105 | - | - | |
| Cutting-machine operators' helpers | 409 | 2.77 | 4 | - | 15 | 13 | 6 | - | 14 | 2 | 98 | 19 | - | 43 | - | 36 | - | 4 | - | - | - | 11 | 66 | - | - | - | - | 78 | - | - | |
| Drillers, machine | 414 | 2.77 | 4 | - | 40 | 3 | - | 25 | 2 | 94 | 3 | - | 10 | - | - | - | 49 | 12 | - | - | - | 85 | 28 | 59 | - | - | - | - | - | - | |
| Electricians, maintenance | 196 | 3.43 | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 37 | 16 | - | - | - | - | - | 12 | 1 | - | - | - | 124 | - | - | |
| Electricians' helpers, maintenance | 57 | 2.55 | - | - | - | - | - | - | - | - | 3 | - | - | 50 | - | - | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | |
| Loaders, hand | 715 | 1.89 | 28 | 83 | 3 | 165 | 119 | 13 | 224 | 11 | 40 | 3 | 4 | 4 | 2 | 10 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Loading-machine operators | 552 | 3.07 | 4 | - | 2 | - | - | - | - | 77 | 2 | - | 56 | 2 | 80 | - | 26 | 32 | 12 | - | - | 106 | 22 | - | 131 | - | - | - | - | - | |
| Mechanics, maintenance | 522 | 3.46 | - | - | - | - | - | 2 | - | 5 | - | - | 5 | - | 9 | - | 48 | - | 30 | 31 | 10 | 171 | 9 | 16 | 186 | - | - | - | - | - | |
| Motormen | 754 | 2.83 | - | - | 19 | - | - | 53 | 18 | 55 | 12 | - | 160 | 15 | 72 | 32 | 6 | 20 | - | - | 42 | - | 250 | - | - | - | - | - | - | - | - |
| Oilers and greasers | 18 | 3.34 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 7 | - | - | 1 | - | - | - | - | - | |
| Pumpmen | 49 | 2.91 | 2 | - | 3 | 4 | - | - | - | - | - | - | - | 3 | 4 | - | 4 | - | - | - | 15 | 5 | 4 | 5 | - | - | - | - | - | - | |
| Roof bolters | 563 | 3.31 | - | - | 2 | - | - | 12 | - | 10 | 2 | - | 9 | - | 40 | 13 | 20 | - | 45 | - | 90 | 38 | 282 | - | - | - | - | - | - | - | |
| Shot firers | 230 | 3.12 | - | 3 | - | - | - | 3 | 32 | 11 | 1 | - | 14 | - | - | - | - | - | - | - | 76 | 8 | 82 | - | - | - | - | - | - | - | |
| Shuttle-car operators | 996 | 2.90 | - | - | 12 | 30 | - | 50 | 63 | 54 | 3 | - | 97 | 32 | 88 | 64 | 34 | - | - | 53 | 122 | 294 | - | - | - | - | - | - | - | - | |
| Timbermen | 316 | 2.67 | - | 10 | - | 28 | - | 6 | 20 | 56 | 1 | - | 36 | 2 | - | 32 | 4 | 20 | - | - | 33 | - | 68 | - | - | - | - | - | - | - | |
| Trackmen | 282 | 2.79 | - | 6 | - | 33 | 6 | - | 23 | - | 3 | - | - | 15 | 2 | 62 | - | 12 | - | - | 19 | - | 100 | 1 | - | - | - | - | - | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 77 | 3.21 | 6 | - | - | - | - | 3 | - | 3 | - | - | - | 4 | - | - | - | - | - | 2 | - | 19 | - | 40 | - | - | - | - | - | - | |
| Car dumpers | 69 | 2.17 | - | 18 | - | 14 | - | - | - | 24 | - | - | 2 | - | - | - | - | - | - | - | - | - | 5 | 6 | - | - | - | - | - | - | |
| Car repairmen | 18 | 3.33 | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | 5 | 9 | - | - | - | - | - | - | - | |
| Electricians, maintenance | 40 | 3.54 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 2 | - | - | - | 2 | 7 | - | 19 | 4 | - | - | - | - | - | |
| Hoistmen | 30 | 2.67 | 4 | - | 2 | 1 | 2 | - | 2 | - | - | 1 | - | 4 | - | - | - | - | - | - | 1 | 1 | 11 | - | 1 | - | - | - | - | - | |
| Lampmen | 32 | 3.51 | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 2 | - | - | - | - | 8 | - | 4 | 16 | - | - | - | - | - | |
| Mechanics, maintenance | 272 | 3.43 | - | - | - | - | - | - | 2 | 10 | - | - | 9 | - | 14 | 12 | - | 4 | 7 | 24 | - | 7 | 64 | 1 | 107 | 11 | - | - | - | - | |
| Mechanics' helpers, maintenance | 20 | 2.95 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 12 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | |
| Oilers and greasers | 12 | 3.17 | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 2 | - | 4 | 2 | - | - | - | - | - | |
| Slate pickers | 47 | 2.62 | 4 | - | 2 | 9 | - | 3 | 3 | - | 1 | - | - | - | 5 | - | - | - | - | - | 3 | - | 13 | 4 | - | - | - | - | - | - | |
| Tipple operators | 200 | 2.70 | 22 | 1 | 2 | 26 | 5 | - | 14 | - | 3 | 2 | - | 2 | 28 | - | 18 | - | - | 5 | - | 3 | 14 | 47 | 5 | 3 | - | - | - | - | |
| Truckdrivers | 164 | 2.43 | 15 | 4 | 2 | 42 | - | 30 | 2 | - | - | - | - | - | 3 | - | 20 | - | - | - | - | 2 | 29 | 14 | - | - | - | - | - | - | |
| Trailer type | 10 | 3.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 1 | - | 1 | - | - | - | - | - | |
| Other than trailer type | 154 | 2.35 | 15 | 4 | 2 | 42 | - | 30 | 2 | - | - | - | - | - | 3 | - | 20 | - | - | - | - | 2 | 21 | 13 | - | - | - | - | - | - | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Table 14. Underground Mines: Occupational Earnings (Hourly)—East Kentucky¹

(Number and average straight-time hourly earnings² of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ² | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----|
| | | | Under \$1.50 | \$1.50 and under \$1.60 | \$1.60 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | and over | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 35 | \$3. 19 | - | - | - | - | - | - | - | - | 3 | - | - | - | 2 | 4 | - | - | - | - | - | 1 | 25 | - | - | - | - | - | |
| Boom-conveyor operators----- | 104 | 2. 96 | - | - | - | - | - | - | - | 8 | - | - | - | 9 | 32 | - | 20 | - | - | - | - | - | - | 35 | - | - | - | - | |
| Brakemen----- | 102 | 2. 88 | - | - | 12 | - | - | - | 20 | - | - | - | - | 8 | - | - | - | - | - | - | - | - | - | 62 | - | - | - | - | |
| Bratticemen----- | 73 | 2. 98 | - | - | - | - | - | - | 3 | - | 16 | - | - | 3 | 4 | - | 8 | - | - | - | - | - | - | 39 | - | - | - | - | |
| Continuous mining-machine operators----- | 104 | 3. 52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 8 | - | 10 | - | - | - | - | - | 66 | |
| Continuous mining-machine operators' helpers----- | 68 | 3. 54 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | - | - | - | - | - | - | - | 48 | |
| Conveyor belt cleaners----- | 49 | 2. 62 | - | 8 | - | 9 | - | - | - | - | 6 | - | - | - | 2 | - | - | - | - | - | - | 5 | 19 | - | - | - | - | - | |
| Cutting-machine operators----- | 485 | 2. 78 | - | - | - | 15 | 6 | - | 45 | 1 | 48 | - | 2 | 104 | 2 | 80 | 4 | 20 | 32 | 21 | - | - | - | - | - | - | - | 105 | |
| Cutting-machine operators' helpers----- | 317 | 2. 66 | - | - | 15 | 9 | 6 | - | 10 | - | 98 | 18 | - | 43 | - | 36 | - | 4 | - | - | - | - | - | - | - | - | - | 78 | |
| Drillers, machine----- | 307 | 2. 62 | - | - | - | 38 | 3 | - | 25 | - | 92 | - | - | 10 | - | - | 49 | 12 | - | - | - | - | - | 19 | 59 | - | - | - | |
| Electricians, maintenance----- | 183 | 3. 43 | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 37 | 16 | - | - | - | - | - | - | - | - | - | - | 124 | |
| Electricians' helpers, maintenance----- | 55 | 2. 52 | - | - | - | - | - | - | - | - | 3 | - | - | 50 | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | |
| Loaders, hand----- | 715 | 1. 89 | 28 | 83 | 3 | 165 | 119 | 13 | 224 | 11 | 40 | 3 | 4 | 4 | 2 | 10 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | |
| Loading-machine operators----- | 434 | 3. 00 | - | - | - | - | - | - | - | - | 77 | - | - | 56 | - | 78 | - | 26 | 32 | 12 | - | - | - | - | 22 | - | - | 131 | |
| Mechanics, maintenance----- | 327 | 3. 47 | - | - | - | - | - | - | - | - | 3 | - | - | 5 | - | 9 | - | 48 | - | 30 | 30 | - | - | - | - | 16 | - | 186 | |
| Motormen----- | 704 | 2. 81 | - | - | - | 17 | - | - | 49 | 18 | 55 | 10 | - | 160 | 15 | 72 | 32 | 6 | 20 | - | - | - | - | 250 | - | - | - | - | |
| Pumpmen----- | 31 | 2. 84 | - | - | - | 3 | 4 | - | - | - | - | - | - | 3 | 4 | - | 4 | - | - | - | - | - | 5 | 3 | 5 | - | - | - | |
| Roof bolters----- | 418 | 3. 33 | - | - | - | - | - | - | 12 | - | 8 | - | - | 9 | - | 40 | 13 | 20 | - | - | - | - | - | 34 | 282 | - | - | - | |
| Shot firers----- | 143 | 2. 98 | - | 3 | - | - | - | - | 3 | 32 | 9 | - | - | 14 | - | - | - | - | - | - | - | - | - | - | 82 | - | - | - | |
| Shuttle-car operators----- | 790 | 2. 81 | - | - | - | 8 | 30 | - | 48 | 63 | 48 | - | - | 97 | 32 | 88 | 64 | 34 | - | - | - | - | - | 278 | - | - | - | - | |
| Timbermen----- | 276 | 2. 60 | - | 10 | - | 28 | - | - | 6 | 18 | 56 | - | - | 36 | 2 | - | 32 | 4 | 20 | - | - | - | - | 64 | - | - | - | - | |
| Trackmen----- | 253 | 2. 76 | - | 2 | - | 33 | 6 | - | 23 | - | 3 | - | - | 15 | 2 | 62 | - | 12 | - | - | - | - | - | 95 | - | - | - | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 56 | 3. 15 | 6 | - | - | - | - | - | 3 | - | 3 | - | - | - | 4 | - | - | - | - | - | - | - | - | - | - | 40 | - | - | |
| Car dumpers----- | 69 | 2. 17 | - | 18 | - | 14 | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 5 | 6 | - | |
| Car repairmen----- | 13 | 3. 31 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - | - | 9 | - | - | |
| Electricians, maintenance----- | 31 | 3. 55 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 2 | - | - | - | - | - | - | - | - | 19 | 4 | |
| Lampmen----- | 24 | 3. 54 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 2 | - | - | - | - | - | - | - | 4 | 16 | - | |
| Mechanics, maintenance----- | 197 | 3. 41 | - | - | - | - | - | - | - | - | 10 | - | - | 9 | - | 14 | 11 | - | 4 | 7 | 24 | - | - | - | - | - | - | 107 | 11 |
| Mechanics' helpers, maintenance----- | 20 | 2. 95 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 12 | - | - | - | - | - | - | - | 2 | - | - | |
| Oilers and greasers----- | 9 | 3. 11 | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 2 | - | |
| Slate pickers----- | 37 | 2. 78 | - | - | 9 | - | - | - | 3 | 3 | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - | 13 | 4 | - | - | |
| Tipple operators----- | 168 | 2. 65 | 22 | 1 | - | 22 | 3 | - | 14 | - | 3 | - | - | - | 2 | 28 | 4 | 14 | - | - | - | - | - | - | - | - | 47 | 5 | |
| Truckdrivers----- | 123 | 2. 31 | 15 | - | 42 | - | - | - | 28 | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | 21 | 14 | - | - | |
| Other than trailer type----- | 122 | 2. 30 | 15 | - | 42 | - | - | - | 28 | - | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | 21 | 13 | - | - | |

¹ For definition of area, see footnote 4 in the table, appendix A.
² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
³ Includes drivers of other types of trucks in addition to those shown separately.

Table 15. Underground Mines: Occupational Earnings (Hourly)—West Kentucky¹

(Number and average straight-time hourly earnings² of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ² | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|----|---|
| | | | Under \$1.50 | \$1.50 and under \$1.60 | \$1.60 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 and over | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 9 | \$3.28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Bratticemen----- | 33 | 3.26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Conveyor belt cleaners----- | 98 | 3.26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cutting-machine operators----- | 110 | 3.26 | - | 4 | - | 2 | 2 | - | - | - | - | 5 | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Cutting-machine operators' helpers----- | 92 | 3.16 | 4 | - | - | 4 | - | - | 4 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | 11 | 66 | - | - | - |
| Drillers, machine----- | 107 | 3.20 | 4 | - | - | 2 | - | - | - | 2 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 85 | 9 | - | - | - |
| Electricians, maintenance----- | 13 | 3.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | 1 | - | - |
| Loading-machine operators----- | 118 | 3.30 | 4 | - | - | 2 | - | - | - | - | - | 2 | - | - | 2 | 2 | - | - | - | - | - | - | - | - | 106 | - | - |
| Mechanics, maintenance----- | 195 | 3.46 | - | - | - | - | - | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | 10 | 171 | 9 | - | - |
| Motormen----- | 50 | 3.08 | - | - | - | 2 | - | - | 4 | - | 2 | - | - | - | - | - | - | - | - | - | - | 42 | - | - | - | - | - |
| Oilers and greasers----- | 12 | 3.28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | - | 2 | - | - | - |
| Pumpmen----- | 18 | 3.03 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | - | 1 | - | - | - |
| Roof bolters----- | 145 | 3.25 | - | - | - | 2 | - | - | - | - | 2 | 2 | - | - | - | - | - | - | - | - | - | 45 | - | 90 | 4 | - | - |
| Shot firers----- | 87 | 3.35 | - | - | - | - | - | - | - | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 76 | 8 | - | - |
| Shuttle-car operators----- | 206 | 3.27 | - | - | - | 4 | - | - | 2 | - | 6 | 3 | - | - | - | - | - | - | - | - | - | 53 | 122 | 16 | - | - | - |
| Timbermen----- | 40 | 3.19 | - | - | - | - | - | - | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 33 | - | 4 | - | - | - |
| Trackmen----- | 29 | 3.05 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 19 | - | 5 | 1 | - | - |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 21 | 3.39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 19 | - | - | - |
| Electricians, maintenance----- | 9 | 3.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 7 | - | - |
| Hoistmen----- | 23 | 2.66 | 4 | - | 2 | - | 2 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 11 | - |
| Mechanics, maintenance----- | 75 | 3.49 | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 7 | 64 | 1 |
| Slate pickers----- | 10 | 2.04 | 4 | - | 2 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - |
| Tipple operators----- | 32 | 2.98 | - | - | 2 | 4 | 2 | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | 5 | - | 3 | 14 | - | - |
| Truckdrivers ³ ----- | 41 | 2.79 | - | 4 | 2 | - | - | - | 2 | 2 | - | - | - | - | - | - | - | - | 20 | - | - | - | - | - | 2 | 8 | 1 |
| Trailer type----- | 9 | 3.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 1 |

¹ For definition of area, see footnote 5 in the table, appendix A.
² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
³ Includes drivers of other types of trucks in addition to those shown separately.

Table 16. Underground Mines: Occupational Earnings (Hourly)—Ohio

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|-----------------|
| | | | Under \$2.00 | \$2.00 and under \$2.10 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 and over | |
| <u>Inside workers</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 23 | \$ 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | - | - | - | - | |
| Bratticemen----- | 34 | 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 34 | - | - | - | - | |
| Continuous mining-machine operators----- | 157 | 3.75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 157 | - | - | |
| Continuous mining-machine operators' helpers----- | 220 | 3.65 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 46 | 66 | 108 | - | - |
| Conveyor belt cleaners----- | 18 | 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18 | - | - | - | - | |
| Cutting-machine operators----- | 100 | 3.51 | 2 | 2 | - | 3 | 3 | - | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | 86 | - | - |
| Cutting-machine operators' helpers----- | 26 | 3.19 | 2 | - | - | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | - | - |
| Drillers, machine----- | 67 | 3.53 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 | 51 | - | - | - | - |
| Electricians, maintenance----- | 15 | 3.75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | - | - |
| Loading-machine operators----- | 90 | 3.56 | - | - | - | 2 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | 74 | - | - |
| Mechanics, maintenance----- | 210 | 3.75 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 209 | - | - |
| Motormen----- | 207 | 3.34 | 4 | 1 | 3 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | 193 | - | - | - | - | - |
| Pumpmen----- | 12 | 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | - | - | - | - |
| Roof bolters----- | 182 | 3.52 | 2 | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 177 | - | - | - | - |
| Shot firers----- | 48 | 3.46 | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 44 | - | - | - |
| Shuttle-car operators----- | 213 | 3.40 | 2 | - | 3 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | 166 | 38 | - | - | - | - |
| Timbermen----- | 40 | 3.31 | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 37 | - | - | - | - | - |
| Trackmen----- | 63 | 3.38 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 62 | - | - | - | - | - |
| <u>Outside workers (noncontinuous operations)</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 38 | 3.51 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 36 | - | - | - |
| Lampmen----- | 13 | 3.64 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11 | 2 | - | - | - |
| Mechanics, maintenance----- | 41 | 3.82 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 19 | 10 | ² 10 |
| Slate pickers----- | 27 | 2.97 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 19 | - | - | - | - | - |
| Tipple operators----- | 27 | 3.26 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 1 | - | - |
| Truckdrivers, other than trailer type----- | 32 | 3.37 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | 3 | - | 2 | - | - |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Workers were distributed as follows: 9 at \$3.90 to \$4.00 and 1 at \$4.10 to \$4.20.

Table 17. Underground Mines: Occupational Earnings (Hourly)—Pennsylvania

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|-------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|---|
| | | | Under \$2.00 | \$2.00 and under \$2.10 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 | and over | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 92 | \$ 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 92 | - | - | - | - | - | - | |
| Boom-conveyor operators----- | 108 | 3.41 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | 92 | 14 | - | - | - | - | - | |
| Brakemen----- | 78 | 3.30 | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | 72 | - | - | - | - | - | - | |
| Bratticemen----- | 228 | 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | 213 | 9 | - | - | - | - | - | - | |
| Continuous mining-machine operators----- | 834 | 3.72 | - | - | - | - | - | - | 4 | - | - | - | - | - | 24 | - | - | 24 | - | 782 | - | - | - | - | |
| Continuous mining-machine operators' helpers----- | 863 | 3.65 | - | - | - | - | - | 8 | - | - | - | - | - | 48 | - | - | 92 | - | 715 | - | - | - | - | - | |
| Conveyor belt cleaners----- | 105 | 3.40 | - | - | - | - | - | - | - | - | - | - | - | - | 12 | 93 | - | - | - | - | - | - | - | - | |
| Cutting-machine operators----- | 225 | 3.47 | 12 | - | - | - | - | 10 | - | - | - | - | - | 20 | - | 3 | 28 | - | 152 | - | - | - | - | - | |
| Cutting-machine operators' helpers----- | 169 | 3.60 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | - | 136 | - | - | - | - | - | |
| Drillers, machine----- | 92 | 3.55 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 88 | - | - | - | - | - | - | |
| Electricians, maintenance----- | 20 | 3.75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | - | - | - | - | |
| Loaders, hand----- | 290 | 2.88 | ² 60 | 12 | - | 12 | - | - | - | - | - | - | - | 60 | - | - | 146 | - | - | - | - | - | - | - | |
| Loading-machine operators----- | 343 | 3.71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - | 335 | - | - | - | - | - | |
| Mechanics, maintenance----- | 1,391 | 3.75 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | 10 | - | 1,373 | - | - | - | 6 | - | |
| Mechanics' helpers, maintenance----- | 65 | 3.51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | 48 | - | - | - | - | - | - | |
| Motormen----- | 1,346 | 3.41 | 12 | 6 | - | - | - | 2 | - | - | - | - | - | - | - | - | 1,311 | 15 | - | - | - | - | - | - | |
| Oilers and greasers----- | 28 | 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 28 | - | - | - | - | - | - | - | |
| Pumpmen----- | 57 | 3.36 | - | - | - | - | - | - | - | - | - | - | 3 | - | - | 37 | 17 | - | - | - | - | - | - | - | |
| Roof bolters----- | 1,200 | 3.56 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,198 | - | 2 | - | - | - | - | |
| Shot firers----- | 124 | 3.56 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 124 | - | - | - | - | - | |
| Shuttle-car operators----- | 873 | 3.45 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 737 | 136 | - | - | - | - | - | - | |
| Timbermen----- | 335 | 3.34 | - | - | - | - | - | 12 | - | - | - | - | - | 24 | 24 | - | 275 | - | - | - | - | - | - | - | |
| Trackmen----- | 209 | 3.39 | - | - | - | - | - | - | - | - | - | - | - | 10 | - | - | 199 | - | - | - | - | - | - | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 63 | 3.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 63 | - | - | - | - | - | - |
| Car dumpers----- | 45 | 3.63 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | 28 | 11 | 4 | - | - | - | |
| Car repairmen----- | 40 | 3.65 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 22 | 16 | - | - | - | - | |
| Hoistmen----- | 25 | 3.73 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 4 | 9 | 6 | - | - | - | - | |
| Lampmen----- | 87 | 3.63 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 3 | 27 | 21 | 32 | - | - | - | - | - | |
| Mechanics, maintenance----- | 260 | 3.79 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 34 | 81 | 140 | 5 | - | - | |
| Mechanics' helpers, maintenance----- | 32 | 3.79 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 31 | - | - | - | - | |
| Oilers and greasers----- | 26 | 3.58 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 2 | 18 | - | - | - | - | - | |
| Slate pickers----- | 15 | 3.58 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | - | - | - | - | - | - | |
| Tipple operators----- | 184 | 3.48 | - | 16 | - | - | - | 10 | - | - | - | - | - | - | - | - | - | 1 | 73 | 84 | - | - | - | - | |
| Truckdrivers ³ ----- | 94 | 3.56 | - | 3 | - | - | - | 3 | - | - | - | - | - | - | - | - | - | 10 | 55 | 23 | - | - | - | - | |
| Other than trailer type----- | 84 | 3.54 | - | 3 | - | - | - | 3 | - | - | - | - | - | - | - | - | - | 10 | 51 | 17 | - | - | - | - | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Workers were distributed as follows: 24 at \$1.50 to \$1.60; 24 at \$1.60 to \$1.70; and 12 at \$1.90 to \$2.00.

³ Includes drivers of other types of trucks in addition to those shown separately.

Table 18. Underground Mines: Occupational Earnings (Hourly)—Virginia

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|---|---|---|
| | | | Under \$1.50 | \$1.50 and under \$1.60 | \$1.60 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 and over | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 16 | \$ 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Boom-conveyor operators----- | 54 | 2.96 | - | - | - | - | - | - | - | 12 | - | 10 | - | - | - | - | - | - | - | - | - | - | - | 22 | 10 | - | - | - | - | | |
| Brakemen----- | 72 | 2.33 | 10 | 14 | - | - | - | - | - | 10 | - | - | 4 | - | 12 | - | - | - | - | - | - | - | - | 22 | - | - | - | - | - | | |
| Bratticemen----- | 50 | 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 50 | - | - | - | - | - | | |
| Continuous mining-machine operators----- | 111 | 3.63 | - | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - | - | - | - | 10 | 2 | - | - | - | - | 94 | - | - | |
| Continuous mining-machine operators' helpers----- | 128 | 3.43 | - | - | - | - | - | - | - | - | - | - | - | - | - | 36 | - | - | - | - | 4 | - | - | - | - | - | - | 88 | - | - | |
| Conveyor belt cleaners----- | 76 | 3.39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 46 | 30 | - | - | - | - | - | - | - | |
| Cutting-machine operators----- | 299 | 2.72 | - | - | - | - | - | - | 50 | 20 | 34 | 2 | - | 76 | 8 | 14 | 16 | - | - | - | - | - | - | - | - | - | - | 79 | - | - | |
| Cutting-machine operators' helpers----- | 207 | 2.72 | - | - | - | 10 | 10 | - | 30 | 20 | 29 | 4 | - | 27 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 73 | - | - | |
| Drillers, machine----- | 63 | 3.02 | - | - | - | - | - | - | - | - | 2 | 16 | - | - | 12 | - | - | - | - | - | - | - | - | 8 | 25 | - | - | - | - | - | |
| Electricians, maintenance----- | 119 | 3.66 | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | - | - | - | - | - | - | - | - | 4 | - | 105 | - | - | - | |
| Electricians' helpers, maintenance----- | 33 | 3.51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | 21 | - | - | - | - | |
| Loaders, hand----- | 810 | 2.14 | 30 | 32 | 24 | 50 | 88 | 44 | 94 | 82 | 108 | 60 | 58 | 68 | 10 | 20 | 30 | 4 | - | - | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Loading-machine operators----- | 174 | 3.02 | - | - | - | - | - | - | - | - | 12 | - | - | 60 | 10 | 12 | 10 | - | - | - | - | - | - | - | - | - | - | 70 | - | - | - |
| Mechanics, maintenance----- | 202 | 3.48 | - | - | - | - | - | - | - | - | 10 | 2 | - | 26 | - | - | - | - | - | - | 4 | - | - | - | - | 9 | - | 147 | 4 | - | - |
| Motormen----- | 657 | 2.59 | - | - | - | - | 20 | - | 26 | 12 | 170 | 76 | - | 204 | - | - | - | - | - | - | - | - | - | 149 | - | - | - | - | - | - | - |
| Pumpmen----- | 10 | 3.38 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 2 | - | - | - | - | - | - | - |
| Roof bolters----- | 285 | 3.41 | - | - | - | - | - | - | - | - | 5 | 8 | - | 22 | - | 4 | - | - | - | - | - | - | - | - | 237 | 9 | - | - | - | - | - |
| Shot firers----- | 341 | 2.57 | - | 10 | - | 10 | 2 | - | 13 | - | 108 | 58 | - | 48 | 4 | 8 | 6 | - | - | - | - | - | - | - | - | 74 | - | - | - | - | - |
| Shuttle-car operators----- | 290 | 3.28 | - | - | - | - | - | - | - | - | - | 16 | - | 20 | - | 12 | - | - | - | - | - | - | - | 242 | - | - | - | - | - | - | - |
| Timbermen----- | 247 | 2.65 | - | - | - | - | 10 | - | 32 | 28 | 33 | 36 | - | 14 | - | 8 | - | - | - | - | - | - | - | 70 | 16 | - | - | - | - | - | - |
| Trackmen----- | 72 | 3.19 | - | - | - | - | - | - | - | 8 | - | - | - | - | 4 | - | - | - | - | 6 | - | - | - | 54 | - | - | - | - | - | - | - |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 32 | 3.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 32 | - | - | - | - |
| Car dumpers----- | 189 | 1.75 | ² 50 | 67 | 5 | 2 | 22 | - | 7 | 4 | 12 | - | - | 5 | - | - | - | - | - | - | - | - | - | 9 | - | 6 | - | - | - | - | - |
| Electricians, maintenance----- | 21 | 3.84 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 10 | 3 | - | - |
| Lampmen----- | 10 | 3.66 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 1 | 1 | - | - | - |
| Mechanics, maintenance----- | 76 | 3.63 | - | - | - | - | - | - | - | - | - | 10 | - | - | - | - | - | - | - | - | - | 2 | - | - | - | 4 | 1 | 59 | - | - | - |
| Slate pickers----- | 31 | 2.94 | - | - | - | - | 6 | - | - | - | - | 8 | - | - | - | - | - | - | - | - | - | - | - | - | 17 | - | - | - | - | - | - |
| Tipple operators----- | 77 | 3.29 | - | - | - | - | - | 4 | 2 | - | - | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 41 | 6 | 5 | - | - |
| Truckdrivers, other than trailer type----- | 171 | 2.22 | - | - | 40 | 25 | 19 | - | 33 | - | 4 | - | 8 | - | - | - | - | 10 | .10 | - | - | - | - | - | - | 22 | - | - | - | - | - |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
² All workers were at \$1.20 to \$1.30.

Table 19. Underground Mines: Occupational Earnings (Hourly)—West Virginia

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|---|
| | | | Under \$1.50 | \$1.50 and under \$1.60 | \$1.60 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 and over | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 308 | \$3.42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | 295 | - | 8 | 3 | - | |
| Boom-conveyor operators----- | 432 | 3.43 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 379 | 52 | - | - | 1 | |
| Brakemen----- | 260 | 3.40 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | 258 | - | - | - | - | |
| Bratticemen----- | 378 | 3.37 | - | - | - | - | 11 | - | - | - | - | - | - | 4 | - | - | - | 2 | - | - | - | - | - | 342 | 13 | - | 6 | - | |
| Continuous mining-machine operators----- | 1259 | 3.69 | - | - | - | - | - | 16 | - | - | - | - | - | - | 30 | 20 | - | - | - | - | - | - | - | - | - | - | 1193 | - | |
| Continuous mining-machine operators' helpers----- | 1000 | 3.55 | - | - | 16 | - | - | - | - | 40 | - | 48 | - | - | - | - | - | - | - | - | - | - | - | - | 108 | - | 788 | - | |
| Conveyor belt cleaners----- | 480 | 3.38 | - | - | - | - | - | - | - | - | - | 8 | - | - | - | - | - | - | 32 | - | - | - | 50 | 359 | 9 | 22 | - | - | |
| Cutting-machine operators----- | 1017 | 3.52 | - | - | 16 | - | - | - | - | - | - | 10 | 50 | 39 | 32 | 16 | 30 | - | - | - | - | - | - | - | - | - | 824 | - | |
| Cutting-machine operators' helpers----- | 804 | 3.58 | - | - | 16 | - | - | - | - | - | - | - | 17 | 34 | - | - | - | - | 30 | - | - | - | 1 | - | - | - | 706 | - | |
| Drillers, machine----- | 412 | 3.51 | - | - | - | - | - | - | - | 5 | - | - | - | - | - | - | 12 | - | 16 | - | - | - | 23 | 326 | - | 30 | - | - | |
| Electricians, maintenance----- | 1395 | 3.72 | - | - | - | - | - | - | - | - | - | - | - | 17 | 4 | 20 | 10 | - | - | - | - | - | - | - | - | - | 1325 | 19 | |
| Electricians' helpers, maintenance----- | 99 | 3.52 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 39 | 49 | - | 11 | - | - | |
| Loaders, hand----- | 759 | 2.48 | 11 | 32 | 36 | 61 | 27 | 72 | 27 | 60 | 11 | 48 | - | 102 | 11 | 11 | - | 140 | - | 90 | 10 | 10 | - | - | - | - | - | - | |
| Loading-machine operators----- | 1540 | 3.67 | - | - | 16 | - | - | - | - | - | - | - | - | - | - | - | 32 | 12 | - | - | - | - | - | - | 24 | 6 | 1450 | - | |
| Mechanics, maintenance----- | 1539 | 3.74 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | 11 | - | - | - | 14 | 20 | 1485 | 5 | - | |
| Mechanics' helpers, maintenance----- | 92 | 3.27 | - | - | - | - | - | - | - | - | - | - | 12 | 4 | - | - | - | - | - | - | - | - | 68 | 8 | - | - | - | - | |
| Miners, pick----- | 294 | 2.53 | - | - | - | - | 10 | - | - | 50 | 30 | 134 | 50 | 10 | - | - | - | 10 | - | - | - | - | - | - | - | - | - | - | |
| Motormen----- | 2270 | 3.39 | - | - | - | - | - | - | - | - | - | - | - | 95 | - | - | - | 2 | 50 | - | - | - | 2108 | 15 | - | - | - | - | |
| Oilers and greasers----- | 70 | 3.45 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | 1 | 50 | - | - | 15 | - | - | |
| Pumpmen----- | 172 | 3.38 | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | 2 | - | - | - | 65 | 99 | - | - | 2 | - | - | |
| Roof bolters----- | 2076 | 3.54 | - | - | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 25 | 112 | 1851 | - | - | 72 | - | - | |
| Shot firers----- | 514 | 3.51 | - | - | - | - | - | - | - | 5 | - | - | - | - | - | - | - | 8 | 20 | - | - | - | - | - | 481 | - | - | - | |
| Shuttle-car operators----- | 2948 | 3.37 | - | - | 32 | - | - | - | - | - | - | - | - | 34 | 136 | - | 20 | - | 51 | - | - | 2550 | 117 | - | 8 | - | - | - | |
| Timbermen----- | 584 | 3.31 | - | - | - | - | - | - | - | 40 | - | - | 24 | - | - | - | 8 | 16 | - | - | - | 383 | 113 | - | - | - | - | - | |
| Trackmen----- | 715 | 3.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | 703 | 6 | - | - | 4 | - | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 380 | 3.59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | 7 | - | 33 | 22 | 313 | 1 | - | - | - | |
| Car dumpers----- | 109 | 3.45 | - | - | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 86 | 11 | - | - | - | |
| Car repairmen----- | 50 | 3.67 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 28 | 17 | 2 | - | - | |
| Electricians, maintenance----- | 205 | 3.73 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | - | - | 8 | - | - | 173 | 18 | - | - | |
| Hoistmen----- | 16 | 3.68 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 3 | - | 6 | 4 | - | - | |
| Lampmen----- | 89 | 3.60 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | 6 | - | 6 | 62 | 13 | - | - | |
| Mechanics, maintenance----- | 829 | 3.75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | 6 | 24 | - | 100 | 547 | 2 | 148 | |
| Mechanics' helpers, maintenance----- | 60 | 3.65 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | 29 | 22 | - | - | |
| Oilers and greasers----- | 49 | 3.56 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | 1 | - | 3 | 7 | 23 | 11 | - | - | - | |
| Slate pickers----- | 151 | 3.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | 4 | 106 | 33 | 4 | - | - | - | |
| Tipple operators----- | 610 | 3.51 | - | - | 22 | 5 | - | - | - | - | - | - | - | 30 | - | - | - | - | - | 3 | 13 | 9 | 25 | 379 | 110 | 14 | - | - | |
| Truckdrivers ³ ----- | 515 | 3.14 | - | 22 | 32 | - | 10 | - | 36 | - | - | - | 17 | - | - | - | 60 | - | - | 23 | - | 50 | 65 | 185 | 15 | - | - | - | |
| Other than trailer type----- | 501 | 3.13 | - | 22 | 32 | - | 10 | - | 36 | - | - | - | 17 | - | - | - | 60 | - | - | 23 | - | 50 | 63 | 185 | 3 | - | - | - | |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hoistmen----- | 34 | 3.42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 30 | 4 | - | - | - | - | - |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Workers were distributed as follows: 110 at \$3.80 to \$3.90 and 38 at \$3.90 and over.

³ Includes drivers of other types of trucks in addition to those shown separately.

Table 20. Underground Mines: Occupational Earnings (Weekly)—United States

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|---|--|--|--|--|
| | | Hours ² | Earnings ² | Under \$50 | \$50 and under \$55 | \$55 \$60 | \$60 \$65 | \$65 \$70 | \$70 \$75 | \$75 \$80 | \$80 \$85 | \$85 \$90 | \$90 \$95 | \$95 \$100 | \$100 \$110 | \$110 \$120 | \$120 \$130 | \$130 \$140 | \$140 \$150 | \$150 \$160 | \$160 \$170 | \$170 \$180 | \$180 \$190 | \$190 \$200 | and over | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 590 | 41.5 | \$140.50 | 6 | 5 | - | - | - | 3 | 1 | 12 | 3 | 2 | - | 12 | 15 | 31 | 308 | 22 | 12 | 122 | 25 | 4 | 3 | 4 | | | | | |
| Boom-conveyor operators | 775 | 41.5 | 138.00 | - | 5 | - | - | 2 | - | 2 | 8 | 11 | 9 | 5 | 47 | 27 | 19 | 417 | 87 | 21 | 65 | 37 | 1 | 8 | 4 | | | | | |
| Brakemen | 676 | 39.5 | 125.00 | 30 | 13 | 3 | 10 | - | 9 | - | 4 | 10 | 2 | 10 | 52 | 7 | 109 | 299 | 49 | 22 | 41 | 3 | 1 | - | 2 | | | | | |
| Bratticemen | 1,030 | 40.5 | 134.50 | 4 | 10 | - | 11 | - | - | 2 | 14 | 3 | 14 | 5 | 67 | 19 | 181 | 458 | 61 | 30 | 109 | 15 | 9 | 10 | 8 | | | | | |
| Continuous mining-machine operators | 2,807 | 41.5 | 153.50 | 7 | - | 2 | 8 | - | 1 | - | 8 | 16 | 25 | 11 | 20 | 43 | 206 | 60 | 170 | 1,540 | 170 | 78 | 309 | 56 | 77 | | | | | |
| Continuous mining-machine operators' helpers | 2,417 | 40.5 | 144.50 | 24 | - | 27 | - | - | 9 | - | 3 | 59 | 7 | 2 | 65 | 132 | 127 | 103 | 1,071 | 373 | 128 | 187 | 64 | 22 | 23 | | | | | |
| Conveyor belt cleaners | 1,103 | 41.0 | 139.00 | 6 | 14 | - | 9 | - | 4 | 13 | 6 | 1 | 1 | 56 | 36 | 95 | 407 | 165 | 58 | 111 | 55 | 15 | 29 | 13 | | | | | | |
| Cutting-machine operators | 2,598 | 40.0 | 131.50 | 29 | 3 | 14 | 10 | 40 | 31 | 23 | 77 | 105 | 55 | 21 | 236 | 151 | 211 | 106 | 969 | 270 | 63 | 117 | 28 | 5 | 34 | | | | | |
| Cutting-machine operators' helpers | 1,693 | 40.0 | 130.50 | 8 | 20 | 17 | 10 | 23 | 30 | 22 | 57 | 93 | 98 | 25 | 74 | 67 | 53 | 107 | 667 | 163 | 25 | 76 | 38 | 1 | 19 | | | | | |
| Drillers, machine | 1,333 | 40.5 | 132.00 | 13 | 4 | 16 | 19 | 3 | 26 | 4 | 13 | 23 | 96 | 12 | 59 | 107 | 57 | 177 | 460 | 35 | 42 | 120 | 16 | 7 | 24 | | | | | |
| Electricians, maintenance | 2,117 | 43.5 | 159.00 | 9 | - | 1 | 6 | 5 | - | 6 | 6 | 17 | 11 | 7 | 11 | 24 | 102 | 93 | 183 | 879 | 153 | 84 | 243 | 75 | 202 | | | | | |
| Electricians' helpers, maintenance | 232 | 44.5 | 145.00 | - | - | - | - | - | - | - | 1 | - | - | - | 6 | 16 | 39 | 14 | 98 | 11 | 26 | 9 | 7 | 5 | - | | | | | |
| Loaders, hand | 3,088 | 35.5 | 82.00 | 347 | 275 | 180 | 147 | 167 | 197 | 267 | 224 | 108 | 194 | 115 | 205 | 119 | 276 | 100 | 4 | 126 | 27 | 10 | - | - | - | | | | | |
| Loading-machine operators | 3,155 | 40.5 | 142.00 | 10 | 3 | 21 | 7 | 36 | 16 | 12 | 23 | 67 | 34 | 2 | 117 | 245 | 87 | 283 | 1,265 | 427 | 131 | 221 | 78 | 26 | 44 | | | | | |
| Mechanics, maintenance | 4,360 | 43.5 | 161.00 | 16 | - | 1 | 12 | 5 | - | 3 | 5 | - | 48 | 17 | 50 | 63 | 240 | 166 | 221 | 1,669 | 330 | 166 | 798 | 241 | 309 | | | | | |
| Mechanics' helpers, maintenance | 264 | 41.0 | 136.50 | - | - | - | - | - | 2 | - | 2 | - | - | - | 24 | 22 | 8 | 103 | 31 | 36 | 20 | 7 | 2 | - | - | | | | | |
| Miners, pick | 360 | 36.0 | 88.50 | - | - | - | 8 | 13 | 39 | - | 101 | 56 | 96 | 15 | 2 | - | 10 | 10 | 10 | - | - | - | - | - | - | | | | | |
| Motormen | 5,794 | 41.0 | 131.00 | 15 | 26 | 32 | 54 | 19 | 88 | 28 | 181 | 33 | 121 | 91 | 487 | 228 | 328 | 2,471 | 726 | 231 | 446 | 101 | 25 | 32 | 31 | | | | | |
| Oilers and greasers | 153 | 43.0 | 147.00 | - | - | - | - | - | - | - | 2 | - | - | - | 14 | 5 | 6 | 43 | 19 | 20 | 22 | 4 | 3 | 15 | - | | | | | |
| Pumpmen | 346 | 45.0 | 149.00 | 4 | - | 1 | - | - | 2 | 2 | 1 | - | - | 3 | 3 | 16 | 8 | 22 | 90 | 20 | 15 | 88 | 19 | 20 | 30 | 2 | | | | |
| Roof bolters | 5,039 | 40.5 | 141.50 | 19 | - | 14 | 6 | 10 | 5 | - | 20 | 92 | 22 | 16 | 51 | 358 | 160 | 395 | 2,983 | 257 | 151 | 353 | 55 | 43 | 29 | | | | | |
| Shot firers | 1,544 | 39.5 | 127.50 | 3 | 29 | 14 | 22 | - | 18 | 13 | 56 | 55 | 66 | 56 | 41 | 83 | 58 | 204 | 661 | 32 | 24 | 81 | 10 | 8 | 10 | | | | | |
| Shuttle-car operators | 6,252 | 40.0 | 132.50 | 47 | 27 | 17 | 13 | 19 | 29 | 40 | 107 | 202 | 67 | 37 | 451 | 310 | 434 | 2,869 | 631 | 255 | 425 | 175 | 34 | 40 | 23 | | | | | |
| Timbermen | 1,753 | 39.0 | 122.00 | 58 | 14 | 12 | 14 | 12 | 29 | 27 | 62 | 49 | 49 | 26 | 149 | 71 | 156 | 689 | 196 | 17 | 87 | 20 | 9 | 3 | 4 | | | | | |
| Trackmen | 1,479 | 42.5 | 138.00 | 5 | 5 | 13 | 16 | - | 23 | 8 | 22 | 9 | 4 | 3 | 63 | 40 | 100 | 706 | 101 | 52 | 212 | 39 | 2 | 26 | 30 | | | | | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 696 | 40.0 | 141.50 | - | 2 | 9 | 3 | - | - | 2 | - | 3 | 1 | 1 | 13 | 19 | 44 | 297 | 103 | 58 | 67 | 28 | 14 | 28 | 4 | | | | | |
| Car dumpers | 427 | 38.0 | 96.00 | 30 | 30 | 16 | 85 | 9 | 22 | 14 | 1 | 4 | 28 | 1 | 11 | - | 12 | 69 | 44 | 21 | 11 | 11 | 8 | - | - | | | | | |
| Car repairmen | 137 | 40.0 | 143.00 | - | - | - | - | - | - | 1 | - | - | - | 1 | 11 | 5 | 12 | 37 | 15 | 11 | 33 | 9 | - | 2 | - | | | | | |
| Electricians, maintenance | 429 | 41.0 | 152.50 | - | - | - | - | - | - | - | - | - | - | - | 11 | 16 | 11 | 136 | 44 | 40 | 74 | 45 | 41 | 2 | 9 | | | | | |
| Hoistmen | 139 | 39.5 | 130.00 | 4 | 5 | - | - | 2 | 1 | - | - | - | 4 | 2 | - | 8 | 4 | 26 | 35 | 18 | 14 | 6 | 9 | - | 1 | | | | | |
| Lampmen | 287 | 39.5 | 141.00 | - | - | - | - | - | - | 2 | - | - | - | - | 9 | 10 | 37 | 108 | 54 | 26 | 19 | 12 | 3 | 2 | 5 | | | | | |
| Mechanics, maintenance | 1,779 | 41.5 | 154.50 | 7 | 3 | 2 | 1 | - | - | - | 18 | 1 | 6 | 11 | 84 | 50 | 29 | 483 | 121 | 239 | 303 | 99 | 151 | 74 | 97 | | | | | |
| Mechanics' helpers, maintenance | 138 | 42.0 | 149.00 | 2 | 1 | - | - | - | - | 2 | - | - | - | - | - | - | 24 | 38 | - | 17 | 32 | 13 | 5 | 2 | 2 | | | | | |
| Oilers and greasers | 109 | 40.5 | 144.00 | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | 12 | 43 | 11 | 18 | 13 | 6 | - | - | - | | | | | |
| Slate pickers | 324 | 39.0 | 128.00 | 9 | 1 | 5 | 6 | 4 | 1 | 11 | 2 | 4 | - | 6 | 8 | 15 | 64 | 80 | 26 | 49 | 22 | 7 | 2 | 2 | - | | | | | |
| Tipple operators | 1,259 | 41.0 | 137.50 | 22 | 5 | - | 19 | 2 | 40 | 14 | 6 | 13 | 20 | 16 | 39 | 34 | 67 | 401 | 177 | 135 | 113 | 62 | 29 | 15 | 30 | | | | | |
| Truckdrivers ³ | 1,099 | 40.0 | 117.00 | 39 | 2 | 6 | 39 | 56 | 38 | 46 | 47 | 41 | 40 | 9 | 32 | 82 | 152 | 244 | 72 | 36 | 34 | 34 | 37 | 8 | 5 | | | | | |
| Trailer type | 34 | 41.5 | 152.00 | - | - | - | - | - | - | - | - | - | - | - | 1 | 3 | 14 | 2 | 1 | - | - | 13 | - | - | - | | | | | |
| Other than trailer type | 1,063 | 40.0 | 115.50 | 39 | 2 | 6 | 39 | 56 | 38 | 46 | 47 | 41 | 40 | 9 | 32 | 81 | 149 | 230 | 68 | 35 | 34 | 21 | 37 | 8 | 5 | | | | | |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hoistmen | 109 | 46.0 | 161.50 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 7 | 22 | 20 | 10 | 8 | 13 | 3 | 13 | 12 | | | | | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.³ Includes drivers of other types of trucks in addition to those shown separately.

Table 21. Underground Mines: Occupational Earnings (Weekly)—Alabama

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|---------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|---|--|--|
| | | Hours ² | Earnings ³ | Under \$75 | \$75 and under \$80 | \$80 | \$85 | \$90 | \$95 | \$100 | \$105 | \$110 | \$115 | \$120 | \$125 | \$130 | \$135 | \$140 | \$145 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | \$200 and over | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 50 | 41.0 | \$136.50 | - | 1 | - | - | - | - | - | - | - | - | - | - | 15 | - | 30 | - | - | 1 | 1 | 2 | - | - | - | - | | |
| Brakemen----- | 103 | 40.0 | 126.50 | - | - | - | - | - | - | - | 1 | - | - | - | - | 99 | 2 | - | - | 1 | - | - | - | - | - | - | - | | |
| Bratticemen----- | 152 | 39.5 | 125.00 | 5 | 1 | - | - | - | 1 | 2 | 1 | - | - | - | - | 142 | - | - | - | - | - | - | - | - | - | - | - | | |
| Cutting-machine operators----- | 185 | 40.0 | 132.00 | 5 | - | 5 | - | - | 5 | 17 | 3 | 4 | - | - | - | - | - | - | 1 | 127 | 10 | 5 | 3 | - | - | - | - | | |
| Cutting-machine operators' helpers----- | 61 | 40.5 | 125.00 | 5 | - | - | - | - | 5 | 5 | - | - | - | - | - | - | 13 | 28 | 1 | - | - | 3 | - | - | - | - | 1 | | |
| Drillers, machine----- | 86 | 39.0 | 132.00 | 2 | - | - | 2 | - | - | - | 2 | 1 | - | - | - | 1 | 41 | 28 | 2 | 2 | 3 | 2 | - | - | - | - | 1 | | |
| Electricians, maintenance----- | 217 | 41.0 | 143.00 | - | - | 1 | - | - | - | 8 | - | 2 | - | - | - | 1 | 59 | 111 | 4 | 4 | 19 | 6 | - | 2 | - | 1 | | | |
| Electricians' helpers, maintenance----- | 36 | 39.5 | 127.00 | - | - | - | - | - | - | - | - | - | 7 | - | - | 28 | - | 1 | - | - | - | - | - | - | - | - | - | | |
| Loaders, hand----- | 186 | 38.0 | 87.50 | 3 | 40 | 60 | 20 | - | 10 | - | 16 | 13 | - | 1 | - | - | 10 | - | 4 | - | 12 | - | - | - | - | - | - | | |
| Loading-machine operators----- | 199 | 40.5 | 140.00 | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | 148 | 30 | 6 | 4 | 5 | 2 | 2 | - | - | - | | | |
| Mechanics, maintenance----- | 75 | 42.5 | 143.00 | - | - | - | - | 8 | - | - | - | - | - | - | - | - | 52 | 2 | - | - | - | 2 | 1 | 1 | 1 | 6 | | | |
| Mechanics' helpers, maintenance----- | 11 | 37.5 | 121.50 | - | - | - | - | - | - | - | - | - | 8 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Motormen----- | 258 | 39.5 | 122.00 | 7 | 19 | 5 | - | - | - | 3 | 4 | - | 1 | 1 | 185 | 10 | 16 | - | 2 | 3 | 2 | - | - | - | - | - | | | |
| Pumpmen----- | 19 | 42.0 | 133.50 | - | - | - | - | - | - | - | - | - | - | - | - | 14 | - | - | - | - | 5 | - | - | - | - | - | | | |
| Roof bolters----- | 233 | 39.5 | 132.50 | 3 | - | 1 | - | - | - | 9 | 3 | - | 1 | 1 | 95 | 113 | 3 | - | - | - | 4 | - | - | - | - | - | | | |
| Shot firers----- | 137 | 40.0 | 132.50 | 5 | - | - | - | - | - | 1 | - | - | - | - | - | 72 | 53 | 1 | 1 | 2 | 2 | - | - | - | - | - | | | |
| Shuttle-car operators----- | 288 | 40.0 | 128.50 | 1 | 4 | - | - | - | - | 5 | 2 | - | - | - | 228 | 29 | 15 | 1 | - | 3 | - | - | - | - | - | - | | | |
| Timbermen----- | 65 | 39.0 | 111.00 | 6 | 12 | - | - | - | - | 2 | - | - | - | - | 41 | 1 | 2 | - | - | 1 | - | - | - | - | - | - | | | |
| Trackmen----- | 74 | 40.5 | 128.50 | 2 | 1 | - | - | - | - | 1 | - | - | - | - | 59 | 3 | - | 1 | - | 4 | 1 | 2 | - | - | - | - | | | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 12 | 36.5 | 122.00 | - | - | - | - | - | - | - | - | - | - | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Car repairmen----- | 12 | 38.5 | 135.50 | - | - | - | - | - | - | - | - | - | - | - | 8 | - | - | - | - | 4 | - | - | - | - | - | - | | | |
| Electricians, maintenance----- | 74 | 38.5 | 141.00 | - | - | - | - | - | - | - | - | - | - | 1 | - | 29 | 27 | 1 | 1 | 4 | 7 | 2 | 2 | - | - | - | | | |
| Hoistmen----- | 19 | 38.5 | 115.00 | 5 | - | - | - | - | - | - | - | - | - | - | 4 | 1 | 4 | 3 | - | - | 2 | - | - | - | - | - | | | |
| Lampmen----- | 27 | 37.5 | 129.00 | - | - | - | - | - | - | - | - | - | - | 17 | 2 | 3 | - | 5 | - | - | - | - | - | - | - | - | | | |
| Mechanics, maintenance----- | 52 | 37.5 | 136.50 | - | - | - | - | - | - | - | - | - | - | 3 | - | 39 | 3 | - | 3 | 1 | 1 | 2 | - | - | - | - | | | |
| Tipple operators----- | 57 | 38.5 | 109.00 | 4 | 13 | 9 | - | - | - | - | - | - | - | 12 | 7 | 6 | 2 | 6 | 1 | - | - | - | - | - | - | 1 | | | |
| Truckdrivers, other than trailer type----- | 89 | 37.0 | 104.50 | 5 | 28 | 3 | - | - | - | 3 | - | - | - | 22 | 4 | 12 | 2 | 8 | 5 | 1 | - | - | 1 | - | - | - | | | |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hoistmen----- | 11 | 40.0 | 137.5 | - | - | - | - | - | - | - | - | - | - | - | 3 | - | 3 | 5 | - | - | - | - | - | - | - | - | | | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

³ Workers were distributed as follows: 20 at \$50 to \$55; 5 at \$55 to \$60; and 15 at \$70 to \$75.

⁴ Workers were distributed as follows: 5 at \$55 to \$60; 4 at \$60 to \$65; and 4 at \$70 to \$75.

⁵ Workers were distributed as follows: 5 at less than \$50; 5 at \$55 to \$60; 13 at \$60 to \$65; and 5 at \$65 to \$70.

Table 22. Underground Mines: Occupational Earnings (Weekly)—Illinois

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | | Hours ² | Earnings ² | Under \$100 | \$100 | \$105 | \$110 | \$115 | \$120 | \$125 | \$130 | \$135 | \$140 | \$145 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | and over |
| | | | | \$105 | \$110 | \$115 | \$120 | \$125 | \$130 | \$135 | \$140 | \$145 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 44 | 43.5 | \$149.50 | 1 | - | 3 | 2 | - | 2 | - | 3 | 10 | 4 | 4 | 6 | 1 | 1 | 2 | 1 | 4 | |
| Boom-conveyor operators | 19 | 38.5 | 129.50 | 2 | - | - | 5 | 3 | - | - | - | 2 | 3 | 1 | - | 2 | 1 | - | - | - | |
| Bratticemen | 50 | 42.0 | 147.50 | 3 | - | 6 | 4 | - | 2 | - | - | 10 | 4 | - | 5 | 4 | 1 | 3 | 2 | 6 | |
| Continuous mining-machine operators | 191 | 40.5 | 156.00 | 2 | - | 1 | - | 1 | 15 | 9 | 1 | 5 | - | 6 | 92 | 22 | 21 | 9 | 2 | 5 | |
| Conveyor belt cleaners | 196 | 41.5 | 149.50 | 6 | - | - | 7 | 8 | 4 | 7 | 2 | 2 | 15 | 74 | 21 | 13 | 21 | 2 | 7 | 7 | |
| Cutting-machine operators | 141 | 41.0 | 154.50 | 4 | - | 2 | - | 4 | 18 | 2 | 7 | 10 | 6 | 4 | 36 | 11 | 7 | 14 | 3 | 13 | |
| Cutting-machine operators' helpers | 13 | 45.0 | 157.50 | - | - | - | - | 1 | - | - | - | - | 4 | 5 | - | - | - | - | 1 | 2 | |
| Drillers, machine | 157 | 41.0 | 148.50 | 7 | 2 | 3 | 1 | 15 | 18 | 7 | 2 | 2 | 6 | 33 | 12 | 5 | 20 | 11 | 4 | 9 | |
| Loading-machine operators | 118 | 41.0 | 153.50 | 3 | - | 1 | 1 | 6 | 20 | 5 | 8 | - | 4 | 4 | 28 | 13 | 1 | 8 | 6 | 10 | |
| Mechanics, maintenance | 286 | 42.0 | 158.00 | 8 | 4 | 4 | 3 | 1 | 10 | 27 | 3 | 9 | 3 | 4 | 62 | 38 | 32 | 49 | 21 | 8 | |
| Mechanics' helpers, maintenance | 41 | 38.5 | 131.50 | 1 | - | 2 | 12 | - | - | 1 | - | 15 | 3 | - | 3 | 4 | - | - | - | - | |
| Motormen | 99 | 41.0 | 140.00 | 6 | 3 | 2 | 5 | 10 | 2 | - | 3 | 13 | 14 | 10 | 9 | 11 | 4 | 5 | 2 | - | |
| Pumpmen | 17 | 45.0 | 158.00 | - | - | 1 | - | - | - | 2 | - | 2 | - | 1 | 2 | 3 | 4 | - | 1 | 1 | |
| Roof bolters | 264 | 39.5 | 142.00 | 13 | 9 | 1 | 4 | 25 | 16 | 13 | 8 | 12 | 7 | 81 | 25 | 14 | 14 | 6 | 6 | 10 | |
| Shot firers | 77 | 42.0 | 150.50 | 2 | - | 1 | - | 7 | 12 | 3 | 2 | 2 | 4 | 13 | 7 | 6 | 2 | 5 | 2 | 9 | |
| Shuttle-car operators | 355 | 40.0 | 138.50 | 16 | - | 5 | 37 | 27 | 15 | 4 | 7 | 102 | 39 | 32 | 19 | 30 | 6 | 6 | 4 | 6 | |
| Timbermen | 93 | 39.0 | 132.50 | 4 | - | 6 | 30 | 3 | 4 | - | - | 23 | 4 | 1 | 1 | 3 | 4 | 9 | - | 1 | |
| Trackmen | 34 | 40.5 | 136.00 | 3 | - | - | - | 3 | 2 | 3 | - | 10 | 5 | 1 | 1 | 5 | 1 | - | - | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 58 | 40.5 | 145.50 | - | - | 1 | 5 | - | - | 6 | 2 | 5 | 12 | 4 | 13 | 4 | 5 | - | 1 | - | |
| Electricians, maintenance | 27 | 46.0 | 172.50 | - | - | - | - | - | - | - | - | - | - | 8 | 3 | 9 | 6 | - | 1 | - | |
| Hoistmen | 15 | 47.0 | 157.00 | - | - | - | - | - | - | - | - | - | 2 | 4 | 4 | - | 5 | - | - | - | |
| Lampmen | 17 | 44.5 | 162.00 | - | - | - | - | - | - | - | - | - | - | 6 | 4 | 2 | 3 | 2 | - | - | |
| Mechanics, maintenance | 125 | 43.0 | 160.50 | - | - | 1 | 1 | 1 | 5 | 1 | 2 | 23 | 2 | 3 | 26 | 12 | 17 | 22 | 4 | 5 | |
| Slate pickers | 18 | 41.0 | 121.00 | 3 | - | - | - | 8 | 4 | 1 | - | - | - | 1 | - | - | 1 | - | - | - | |
| Tipple operators | 49 | 43.5 | 154.50 | - | - | - | - | - | 2 | - | 8 | - | - | 2 | 22 | 8 | 4 | 3 | - | - | |
| Truckdrivers ³ | 14 | 43.0 | 159.00 | - | - | - | - | - | - | - | - | - | 1 | 2 | 6 | 2 | 3 | - | - | - | |
| Other than trailer type | 12 | 43.5 | 161.00 | - | - | - | - | - | - | - | - | - | 1 | - | 6 | 2 | 3 | - | - | - | |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | | | | | | | |
| Hoistmen | 29 | 51.5 | 186.50 | - | - | - | - | - | - | - | - | - | 2 | 1 | 3 | - | 9 | 1 | 3 | 10 | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.³ Includes drivers of other types of trucks in addition to those shown separately.

Table 23. Underground Mines: Occupational Earnings (Weekly)—Kentucky

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|----|---|---|---|---|
| | | Hours ² | Earnings ² | Under \$50 | \$50 and under \$55 | \$55 \$60 | \$60 \$65 | \$65 \$70 | \$70 \$75 | \$75 \$80 | \$80 \$85 | \$85 \$90 | \$90 \$95 | \$95 \$100 | \$100 \$110 | \$110 \$120 | \$120 \$130 | \$130 \$140 | \$140 \$150 | \$150 \$160 | \$160 \$170 | \$170 \$180 | \$180 \$190 | \$190 \$200 | \$200 and over | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 44 | 38.5 | \$124.00 | 1 | - | - | - | - | 3 | - | - | - | 1 | - | 5 | 4 | 3 | 22 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | - |
| Boom-conveyor operators----- | 110 | 46.0 | 136.50 | - | - | - | - | - | - | - | - | - | 8 | 1 | 25 | 12 | 4 | 27 | 7 | 6 | - | 8 | - | - | 8 | - | - | 8 | 4 | |
| Brakemen----- | 106 | 38.0 | 109.50 | 16 | - | 3 | - | - | 9 | - | - | 2 | - | 6 | 12 | - | - | 47 | - | 1 | 10 | - | - | - | - | - | - | - | - | |
| Bratticemen----- | 106 | 38.5 | 119.00 | 4 | 1 | - | - | - | - | 1 | 3 | - | 13 | - | 16 | 6 | 11 | 38 | 4 | 2 | 6 | 1 | - | - | - | - | - | - | - | |
| Continuous mining-machine operators----- | 127 | 46.0 | 190.00 | - | - | 2 | 1 | - | - | - | - | - | - | - | - | 4 | 10 | 11 | - | 67 | 7 | 2 | 5 | 4 | 14 | - | - | - | - | |
| Continuous mining-machine operators' helpers----- | 120 | 41.5 | 140.00 | - | - | - | - | - | - | - | 5 | - | - | 1 | 7 | 25 | 17 | 44 | 9 | 11 | 1 | - | - | - | - | - | - | - | - | |
| Conveyor belt cleaners----- | 147 | 39.0 | 118.50 | - | 3 | - | 8 | - | 9 | 4 | 2 | 4 | - | 1 | 17 | 8 | 5 | 66 | 7 | 6 | 4 | 3 | - | - | - | - | - | - | - | |
| Cutting-machine operators----- | 595 | 40.0 | 115.00 | 24 | 3 | 9 | - | 3 | - | 7 | 46 | 21 | 35 | - | 85 | 78 | 75 | 71 | 95 | 14 | 13 | 13 | 1 | - | - | - | 2 | - | - | |
| Cutting-machine operators' helpers----- | 409 | 38.5 | 107.00 | 8 | 15 | 2 | - | 23 | 25 | 10 | 22 | 5 | 72 | 20 | 27 | 13 | 7 | 57 | 77 | 13 | 10 | 3 | - | - | - | - | - | - | - | |
| Drillers, machine----- | 414 | 40.0 | 110.50 | 8 | 3 | 10 | 19 | 2 | 10 | 4 | 13 | 14 | 92 | 2 | 21 | 36 | 14 | 78 | 66 | 4 | 7 | 11 | - | - | - | - | - | - | - | |
| Electricians, maintenance----- | 196 | 42.5 | 145.00 | 2 | - | 1 | 3 | - | - | 1 | 3 | - | 1 | - | 2 | 19 | 14 | 13 | 13 | 89 | 13 | 4 | 12 | 1 | 5 | - | - | - | - | |
| Electricians' helpers, maintenance----- | 57 | 51.5 | 131.00 | - | - | - | - | - | - | - | 3 | - | - | - | 6 | 6 | 3 | 5 | 32 | 1 | - | 1 | - | - | - | - | - | - | - | |
| Loaders, hand----- | 715 | 36.0 | 68.00 | 76 | 118 | 115 | 42 | 37 | 96 | 33 | 86 | 9 | 21 | 36 | 23 | 23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Loading-machine operators----- | 552 | 39.0 | 119.50 | 8 | 3 | 19 | - | 3 | 16 | 12 | 22 | 15 | 16 | - | 57 | 82 | 42 | 94 | 111 | 21 | 6 | 24 | 1 | - | - | - | - | - | - | - |
| Mechanics, maintenance----- | 522 | 44.5 | 153.50 | 9 | - | 1 | - | - | - | - | 4 | - | 1 | 1 | 5 | 50 | 43 | 32 | 127 | 87 | 36 | 25 | 32 | 25 | 44 | - | - | - | - | |
| Motormen----- | 754 | 41.5 | 117.50 | - | 4 | 31 | 19 | 11 | 30 | 2 | 45 | 7 | 27 | 19 | 103 | 65 | 66 | 242 | 19 | 8 | 17 | 6 | - | - | 15 | 18 | - | - | - | |
| Oilers and greasers----- | 18 | 39.5 | 132.00 | - | - | - | - | - | - | - | - | - | - | - | 6 | 1 | 1 | 4 | 2 | 3 | - | - | - | - | - | - | - | - | - | |
| Pumpmen----- | 49 | 43.5 | 126.50 | 2 | - | 1 | - | - | 2 | 1 | - | 3 | 3 | 3 | 7 | 1 | 6 | 6 | 3 | 4 | 4 | 3 | - | - | - | - | - | - | - | |
| Roof bolters----- | 563 | 42.5 | 140.00 | 7 | - | - | 3 | 3 | 2 | - | 8 | 8 | 8 | 5 | 10 | 36 | 33 | 93 | 257 | 17 | 28 | 14 | 2 | 21 | 8 | - | - | - | - | |
| Shot firers----- | 230 | 39.5 | 123.50 | 1 | - | - | 3 | - | 18 | 2 | 3 | 17 | 3 | 17 | 8 | 10 | 14 | 52 | 60 | 3 | 6 | 11 | - | 1 | 1 | - | - | - | - | |
| Shuttle-car operators----- | 996 | 40.5 | 117.00 | 27 | 6 | 18 | 12 | 17 | 32 | 34 | 37 | 18 | 56 | 12 | 87 | 140 | 60 | 307 | 31 | 19 | 36 | 13 | 3 | 25 | 6 | - | - | - | - | |
| Timbermen----- | 316 | 40.0 | 107.00 | 11 | 2 | 6 | 15 | 2 | 9 | 5 | 22 | 18 | 25 | - | 53 | 28 | 23 | 84 | - | 7 | 3 | - | - | - | 3 | - | - | - | - | |
| Trackmen----- | 282 | 44.0 | 123.50 | 5 | 4 | 13 | 16 | - | 23 | 7 | 7 | - | - | 3 | 9 | 32 | 4 | 95 | 2 | 11 | 19 | 6 | - | 8 | 18 | - | - | - | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 77 | 37.5 | 121.00 | - | - | 9 | - | - | - | - | - | - | 3 | 1 | 5 | 1 | 22 | 26 | 1 | 4 | 3 | 2 | - | - | - | - | - | - | - | |
| Car dumpers----- | 69 | 40.0 | 87.00 | - | - | - | 18 | - | 10 | 4 | - | - | 24 | - | 2 | - | 1 | 8 | - | 2 | - | - | - | - | - | - | - | - | - | |
| Car repairmen----- | 18 | 37.5 | 124.00 | - | - | - | - | - | - | - | - | - | - | 1 | 6 | - | 3 | 5 | 1 | - | 2 | - | - | - | - | - | - | - | - | |
| Electricians, maintenance----- | 40 | 41.0 | 145.50 | - | - | - | - | - | - | - | - | - | - | - | 6 | 3 | 10 | 5 | 4 | 7 | 1 | 4 | - | - | - | - | - | - | - | |
| Hoistmen----- | 30 | 40.0 | 106.00 | 4 | - | - | 2 | 1 | - | - | - | 3 | 2 | - | 5 | 2 | 5 | 2 | 3 | - | 1 | - | - | - | - | - | - | - | - | |
| Lampmen----- | 32 | 38.5 | 136.00 | - | - | - | - | - | - | - | - | - | - | - | 2 | 5 | 2 | 12 | 1 | 6 | 4 | - | - | - | - | - | - | - | - | |
| Mechanics, maintenance----- | 272 | 44.0 | 151.50 | 3 | 2 | - | - | - | - | - | 1 | - | 1 | - | 8 | 39 | 15 | 50 | 21 | 63 | 29 | 5 | 7 | 3 | 25 | - | - | - | - | |
| Mechanics' helpers, maintenance----- | 20 | 53.0 | 156.50 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Oilers and greasers----- | 12 | 41.0 | 129.50 | - | - | - | - | - | - | - | - | - | 3 | - | - | 2 | 5 | - | 2 | - | - | - | - | - | - | - | - | - | - | |
| Slate pickers----- | 47 | 34.0 | 89.00 | 7 | 3 | 3 | - | 2 | 3 | 3 | - | 1 | - | - | 8 | 5 | 3 | 7 | - | 2 | - | - | - | - | - | - | - | - | - | |
| Tipple operators----- | 200 | 42.0 | 113.00 | 22 | - | - | 15 | 2 | 14 | - | - | 3 | 18 | 1 | 6 | 16 | 13 | 51 | 4 | 11 | 5 | 3 | - | 9 | 7 | - | - | - | - | |
| Truckdrivers----- | 164 | 40.0 | 97.50 | 24 | 2 | 1 | 4 | 15 | 9 | 15 | 11 | - | - | - | 22 | 28 | 18 | 3 | 8 | - | 1 | - | 1 | 2 | - | - | - | - | - | |
| Trailer type----- | 10 | 39.0 | 138.50 | - | - | - | - | - | - | - | - | - | - | - | 1 | 3 | 2 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | |
| Other than trailer type----- | 154 | 40.5 | 94.50 | 24 | 2 | 1 | 4 | 15 | 9 | 15 | 11 | - | - | - | - | 21 | 25 | 16 | 1 | 7 | - | - | - | 1 | 2 | - | - | - | - | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

Table 24. Underground Mines: Occupational Earnings (Weekly)—East Kentucky¹(Number, average weekly hours worked, and average straight-time weekly earnings² of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|-----------------|----------|---|-----------------------|------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|---|
| | | | | Hours ³ | | Under \$50 | \$50 and under \$55 | \$55 \$60 | \$60 \$65 | \$65 \$70 | \$70 \$75 | \$75 \$80 | \$80 \$85 | \$85 \$90 | \$90 \$95 | \$95 \$100 | \$100 \$110 | \$110 \$120 | \$120 \$130 | \$130 \$140 | \$140 \$150 | \$150 \$160 | \$160 \$170 | \$170 \$180 | \$180 \$190 | \$190 \$200 | \$200 and over | |
| | | | | Hours ³ | Earnings ³ | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 35 | 38.0 | \$120.50 | 1 | - | - | - | - | 3 | - | - | - | 1 | - | 3 | 4 | 3 | 19 | - | - | - | 1 | - | - | - | - | - | - |
| Boom-conveyor operators | 104 | 46.0 | 136.00 | - | - | - | - | - | - | - | - | - | 8 | - | 25 | 12 | 4 | 27 | 2 | 6 | - | 8 | - | 8 | - | 8 | 4 | |
| Brakemen | 102 | 38.0 | 109.00 | 16 | - | 3 | - | - | 9 | - | - | - | - | 6 | 12 | - | - | 46 | - | - | 10 | - | - | - | - | - | - | |
| Bratticemen | 73 | 38.0 | 113.00 | 4 | 1 | - | - | - | - | - | 3 | - | 13 | - | 12 | 6 | 11 | 18 | - | - | 5 | - | - | - | - | - | - | |
| Continuous mining-machine operators | 104 | 45.5 | 159.50 | - | - | 2 | 1 | - | - | - | - | - | - | - | - | 2 | 10 | 10 | - | 57 | 2 | 2 | - | 4 | 14 | | | |
| Continuous mining-machine operators' helpers | 68 | 39.5 | 139.50 | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 20 | 1 | 29 | 9 | 1 | 1 | - | - | - | - | | |
| Conveyor belt cleaners | 49 | 38.0 | 99.00 | - | 3 | - | 8 | - | 9 | - | - | 3 | - | - | 8 | 2 | 1 | 13 | 1 | - | 1 | - | - | - | - | - | | |
| Cutting-machine operators | 485 | 40.0 | 111.50 | 19 | 3 | 9 | - | - | - | 5 | 44 | 19 | 35 | - | 82 | 69 | 70 | 27 | 82 | 6 | 4 | 10 | - | - | - | 1 | | |
| Cutting-machine operators' helpers | 317 | 38.0 | 101.50 | 3 | 15 | 2 | - | 23 | 21 | 10 | 20 | 1 | 72 | 18 | 26 | 11 | 6 | 15 | 63 | 5 | 4 | 2 | - | - | - | - | | |
| Drillers, machine | 307 | 40.0 | 105.00 | 4 | 1 | 10 | 19 | - | 10 | 4 | 12 | 12 | 92 | - | 12 | 36 | 7 | 25 | 53 | - | - | 10 | - | - | - | - | | |
| Electricians, maintenance | 183 | 42.0 | 144.00 | 2 | - | - | 3 | - | - | 1 | 3 | - | 1 | - | 2 | 19 | 14 | 12 | 10 | 88 | 12 | 4 | 8 | - | - | 4 | | |
| Electricians' helpers, maintenance | 55 | 51.5 | 130.00 | - | - | - | - | - | - | - | 3 | - | - | - | 6 | 6 | 3 | 5 | 32 | - | - | - | - | - | - | - | | |
| Loaders, hand | 715 | 36.0 | 68.00 | 76 | 118 | 115 | 42 | 37 | 96 | 33 | 86 | 9 | 21 | 36 | 23 | 23 | - | - | - | - | - | - | - | - | - | - | | |
| Loading-machine operators | 434 | 39.0 | 116.50 | 2 | 3 | 19 | - | 3 | 14 | 12 | 21 | 13 | 15 | - | 56 | 76 | 28 | 39 | 101 | 13 | 1 | 18 | - | - | - | - | | |
| Mechanics, maintenance | 327 | 43.5 | 151.00 | 5 | - | - | - | - | - | - | 2 | - | - | - | 3 | 39 | 37 | 6 | 101 | 70 | 11 | 3 | 20 | 6 | 24 | | | |
| Motormen | 704 | 41.5 | 117.00 | - | 4 | 31 | 19 | 11 | 30 | 2 | 43 | 3 | 27 | 18 | 100 | 65 | 61 | 211 | 18 | 6 | 16 | 6 | - | 15 | 18 | | | |
| Pumpmen | 31 | 44.5 | 126.00 | - | - | 1 | - | - | 2 | - | - | 2 | 3 | 3 | 4 | - | 4 | 6 | - | 4 | 1 | 1 | - | - | - | | | |
| Roof bolters | 418 | 42.0 | 140.00 | 7 | - | - | 3 | 3 | - | - | 6 | 7 | 8 | 4 | 3 | 31 | 23 | 36 | 236 | 9 | - | 13 | - | 21 | 8 | | | |
| Shot firers | 143 | 39.0 | 116.50 | 1 | - | - | 3 | - | 18 | 2 | 3 | 17 | 3 | 16 | - | 6 | 9 | 4 | 48 | - | 2 | 11 | - | - | - | | | |
| Shuttle-car operators | 790 | 40.5 | 113.50 | 27 | 6 | 16 | 12 | 15 | 28 | 34 | 31 | 18 | 52 | 8 | 70 | 133 | 50 | 209 | 6 | 6 | 28 | 10 | - | 25 | 6 | | | |
| Timbermen | 276 | 40.5 | 104.50 | 11 | 2 | 6 | 15 | 2 | 9 | 3 | 22 | 18 | 22 | - | 50 | 25 | 22 | 58 | - | 5 | 3 | - | - | - | 3 | | | |
| Trackmen | 253 | 44.5 | 123.50 | 5 | - | 13 | 16 | - | 23 | 6 | 7 | - | - | 3 | 9 | 31 | 4 | 75 | - | 10 | 19 | 6 | - | 8 | 18 | | | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 56 | 38.0 | 120.50 | - | - | 9 | - | - | - | - | - | - | 3 | - | 5 | 1 | 2 | 26 | 1 | 4 | 3 | 2 | - | - | - | - | | |
| Car dumpers | 69 | 40.0 | 87.00 | - | - | - | 18 | - | 10 | 4 | - | - | 24 | - | 2 | - | 1 | 8 | - | 2 | - | - | - | - | - | - | | |
| Car repairmen | 13 | 38.0 | 125.00 | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | 5 | - | 2 | - | - | - | - | - | - | | |
| Electricians, maintenance | 31 | 39.5 | 141.00 | - | - | - | - | - | - | - | - | - | - | - | 6 | 2 | 10 | 4 | 3 | 4 | - | 2 | - | - | - | | | |
| Lampmen | 24 | 39.0 | 138.50 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | 1 | 10 | - | 5 | 4 | - | - | - | - | - | | | |
| Mechanics, maintenance | 197 | 45.0 | 153.00 | 3 | 2 | - | - | - | - | - | 1 | - | 1 | - | 5 | 37 | 6 | 37 | 9 | 40 | 24 | 2 | 3 | 3 | 24 | | | |
| Mechanics' helpers, maintenance | 20 | 53.0 | 156.50 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | - | 2 | 4 | 2 | 2 | 2 | 2 | 2 | | | |
| Oilers and greasers | 9 | 41.5 | 129.00 | - | - | - | - | - | - | - | - | - | 3 | - | - | - | 4 | - | 2 | - | - | - | - | - | - | | | |
| Slate pickers | 37 | 33.5 | 93.50 | 3 | 3 | 3 | - | - | 3 | - | - | - | - | - | 6 | 5 | 2 | 7 | - | 2 | - | - | - | - | - | | | |
| Tipple operators | 168 | 42.0 | 111.00 | 22 | - | - | 15 | - | 10 | - | - | - | 3 | 15 | - | 6 | 16 | 3 | 48 | 3 | 6 | 3 | 2 | - | 9 | | | |
| Truckdrivers | 123 | 39.5 | 91.50 | 24 | 2 | 1 | - | 13 | 9 | 15 | 9 | - | - | - | - | 19 | 5 | 15 | 1 | 7 | - | - | - | 1 | 2 | | | |

¹ For definition of area, see footnote 4 in the table, appendix A.² Excludes premium pay for overtime and for work on weekends, holidays and late shifts.³ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

Table 25. Underground Mines: Occupational Earnings (Weekly)—West Kentucky¹

(Number, average weekly hours worked, and average straight-time weekly earnings² of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|---------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|---|--|
| | | Hours ³ | Earnings ³ | Under \$50 | \$50 and under \$55 | \$55 | \$60 | \$65 | \$70 | \$75 | \$80 | \$85 | \$90 | \$95 | \$100 | \$110 | \$120 | \$130 | \$140 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 and over | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 9 | 41.5 | \$137.00 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | 3 | 1 | 2 | 1 | - | - | - | - | - | |
| Bratticemen | 33 | 40.5 | 132.00 | - | - | - | - | - | - | 1 | - | - | - | 4 | - | - | 20 | 4 | 2 | 1 | 1 | - | - | - | - | - | |
| Conveyor belt cleaners | 98 | 39.5 | 129.00 | - | - | - | - | - | - | 4 | 2 | 1 | - | 1 | 9 | 6 | 4 | 53 | 6 | 6 | 3 | 3 | - | - | - | - | |
| Cutting-machine operators | 110 | 40.0 | 131.00 | 5 | - | - | - | 3 | - | 2 | 2 | 2 | - | - | 3 | 9 | 5 | 44 | 13 | 8 | 9 | 3 | 1 | - | 1 | | |
| Cutting-machine operators' helpers | 92 | 40.5 | 128.00 | 5 | - | - | - | - | 4 | - | 2 | 4 | - | 2 | 1 | 2 | 1 | 42 | 14 | 8 | 6 | 1 | - | - | - | | |
| Drillers, machine | 107 | 39.5 | 126.50 | 4 | 2 | - | - | 2 | - | - | 1 | 2 | - | 2 | 9 | - | 7 | 53 | 13 | 4 | 7 | 1 | - | - | - | | |
| Electricians, maintenance | 13 | 45.5 | 160.00 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 3 | 1 | 1 | - | 4 | 1 | 1 | | |
| Loading-machine operators | 118 | 39.5 | 130.50 | 6 | - | - | - | - | 2 | - | 1 | 2 | 1 | - | 1 | 6 | 14 | 55 | 10 | 8 | 5 | 6 | 1 | - | - | | |
| Mechanics, maintenance | 195 | 46.0 | 158.50 | 4 | - | 1 | - | - | - | - | - | - | 1 | 1 | 2 | 11 | 6 | 26 | 26 | 17 | 25 | 22 | 12 | 19 | 20 | | |
| Motormen | 50 | 41.5 | 128.00 | - | - | - | - | - | - | - | 2 | 4 | - | 1 | 3 | - | 5 | 31 | 1 | 2 | 1 | - | - | - | - | | |
| Oilers and greasers | 12 | 42.5 | 139.50 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 4 | 2 | 2 | - | - | 1 | - | - | | |
| Pumpmen | 18 | 42.0 | 127.50 | 2 | - | - | - | - | - | - | 1 | - | 1 | - | 3 | 1 | 2 | - | 3 | - | 3 | 2 | - | - | - | | |
| Roof bolters | 145 | 43.0 | 140.00 | - | - | - | - | 2 | - | 2 | 1 | - | - | 1 | 7 | 5 | 10 | 57 | 21 | 8 | 28 | 1 | 2 | - | - | | |
| Shot firers | 87 | 40.5 | 136.00 | - | - | - | - | - | - | - | - | - | - | 1 | 8 | 4 | 5 | 48 | 12 | 3 | 4 | - | - | 1 | 1 | | |
| Shuttle-car operators | 206 | 40.0 | 130.50 | - | - | 2 | - | 2 | 4 | - | 6 | - | 4 | 4 | 17 | 7 | 10 | 98 | 25 | 13 | 8 | 3 | 3 | - | - | | |
| Timbermen | 40 | 39.0 | 124.00 | - | - | - | - | - | 2 | - | 2 | - | 3 | - | 3 | 1 | 26 | - | 2 | - | - | - | - | - | - | | |
| Trackmen | 29 | 39.5 | 120.00 | - | 4 | - | - | - | - | 1 | - | - | - | - | 1 | - | 20 | 2 | 1 | - | - | - | - | - | - | | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 21 | 36.0 | 123.00 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 20 | - | - | - | - | - | - | - | - | - | |
| Electricians, maintenance | 9 | 46.0 | 162.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | 3 | 1 | 2 | - | - | | |
| Hoistmen | 23 | 39.5 | 105.00 | 4 | - | - | - | 2 | - | - | - | - | 3 | 2 | - | 1 | - | 3 | 2 | 3 | - | 1 | - | - | - | | |
| Mechanics, maintenance | 75 | 42.5 | 148.00 | - | - | - | - | - | - | - | - | - | - | - | 3 | 2 | 9 | 13 | 12 | 23 | 5 | 3 | 4 | - | 1 | | |
| Slate pickers | 10 | 35.5 | 72.00 | 4 | - | - | - | 2 | - | - | - | 1 | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | | |
| Tipple operators | 32 | 41.0 | 123.00 | - | - | - | - | 2 | 4 | - | - | - | 3 | 1 | - | - | 10 | 3 | 1 | 5 | 2 | 1 | - | - | | | |
| Truckdrivers ⁴ | 41 | 42.0 | 117.50 | - | - | - | 4 | 2 | - | - | 2 | - | - | - | - | 3 | 23 | 3 | 2 | 1 | - | 1 | - | - | - | | |
| Trailer type | 9 | 39.0 | 139.50 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 3 | 1 | 2 | 1 | - | 1 | - | - | - | | |

¹ For definition of area, see footnote 5 in the table, appendix A.
² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
³ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.
⁴ Includes drivers of other types of trucks in addition to those shown separately.

Table 26. Underground Mines: Occupational Earnings (Weekly)—Ohio

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | |
|--|-------------------|--------------------|-----------------------|---|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | | Hours ² | Earnings ² | Under | \$75 | \$80 | \$85 | \$90 | \$95 | \$100 | \$110 | \$120 | \$130 | \$140 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 |
| | | | | \$75 | \$80 | \$85 | \$90 | \$95 | \$100 | \$110 | \$120 | \$130 | \$140 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | and over |
| Inside workers | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 23 | 46.0 | \$156.00 | - | - | - | - | - | - | - | - | - | 5 | 3 | - | 14 | 1 | - | - | |
| Bratticemen | 34 | 42.0 | 143.50 | - | - | - | - | - | - | 2 | - | - | 22 | 1 | - | 8 | - | - | 1 | |
| Continuous mining-machine operators | 157 | 43.5 | 163.00 | - | - | - | - | - | - | - | - | 10 | - | - | 83 | 6 | 5 | 35 | 8 | |
| Continuous mining-machine operators' helpers | 220 | 41.0 | 149.50 | 1 | - | - | 3 | 2 | - | 1 | 21 | 6 | 5 | 103 | 25 | 3 | 33 | 10 | 3 | |
| Conveyor belt cleaners | 18 | 45.0 | 153.00 | - | - | - | - | - | - | - | - | - | 9 | - | 1 | 3 | 4 | - | 1 | |
| Cutting-machine operators | 100 | 40.5 | 142.50 | 3 | - | 1 | - | 1 | - | 8 | 5 | 1 | - | 63 | 4 | 2 | 11 | - | 1 | |
| Cutting-machine operators' helpers | 26 | 39.0 | 125.00 | 5 | - | - | - | 3 | - | 1 | 3 | - | - | 11 | - | 1 | 1 | 1 | - | |
| Drillers, machine | 67 | 42.0 | 148.00 | - | - | - | 1 | - | - | - | 4 | - | 2 | 38 | 1 | 12 | 9 | - | - | |
| Electricians, maintenance | 15 | 48.0 | 180.50 | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | 9 | 1 | |
| Loading-machine operators | 90 | 41.0 | 145.50 | 1 | - | 1 | - | 5 | - | 2 | 6 | 1 | - | 53 | 5 | 4 | 1 | 11 | - | |
| Mechanics, maintenance | 210 | 46.5 | 174.00 | - | - | - | 2 | - | - | - | - | 4 | - | 3 | 62 | 7 | 5 | 87 | 18 | |
| Motormen | 207 | 42.0 | 141.00 | 1 | 2 | 13 | - | 2 | - | 15 | - | - | 84 | 29 | 5 | 26 | 28 | 1 | 1 | |
| Pumpmen | 12 | 42.5 | 145.00 | - | - | - | - | - | - | 2 | - | - | 4 | 1 | - | 4 | 1 | - | - | |
| Roof bolters | 182 | 40.5 | 142.00 | 5 | - | - | 2 | - | - | - | 23 | 2 | 1 | 111 | 6 | 2 | 27 | 1 | 2 | |
| Shot firers | 48 | 39.5 | 137.50 | - | 1 | - | 1 | 2 | - | 1 | 7 | - | - | 30 | - | - | 4 | 2 | - | |
| Shuttle-car operators | 213 | 41.0 | 140.00 | 5 | 1 | 3 | - | 2 | 3 | 13 | 15 | - | 76 | 37 | 9 | 25 | 19 | 1 | 2 | |
| Timbermen | 40 | 42.0 | 139.50 | - | - | 1 | - | 3 | - | 1 | 1 | - | 22 | - | - | 11 | - | - | 1 | |
| Trackmen | 63 | 42.5 | 144.00 | - | - | - | - | 1 | - | 5 | - | - | 33 | 2 | - | 18 | 4 | - | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 38 | 42.0 | 148.00 | 3 | 1 | - | - | - | - | - | - | - | 13 | 2 | 1 | 7 | 4 | 3 | 2 | |
| Lampmen | 13 | 42.0 | 153.00 | - | - | - | - | - | - | 1 | - | - | 4 | 3 | 1 | - | 2 | - | 2 | |
| Mechanics, maintenance | 41 | 44.0 | 168.00 | 1 | - | - | - | - | - | - | - | - | 3 | 1 | 2 | 10 | 8 | 13 | 2 | |
| Slate pickers | 27 | 39.0 | 116.50 | 8 | - | - | - | - | - | - | - | 2 | 13 | 1 | 1 | 2 | - | - | - | |
| Tipple operators | 27 | 41.5 | 135.00 | - | 1 | 1 | - | 2 | 3 | - | - | - | 5 | 10 | 1 | 1 | 2 | - | 1 | |
| Truckdrivers, other than trailer type | 32 | 39.0 | 132.00 | 1 | 4 | - | 1 | - | - | 1 | 1 | 3 | 6 | 7 | 2 | 4 | 1 | 1 | - | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

Table 27. Underground Mines: Occupational Earnings (Weekly)—Pennsylvania

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|---------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|---|---|--|--|--|
| | | Hours ² | Earnings ² | Under \$75 | \$75 and under \$80 | \$80 | \$85 | \$90 | \$95 | \$100 | \$105 | \$110 | \$115 | \$120 | \$125 | \$130 | \$135 | \$140 | \$145 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | \$200 and over | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen----- | 92 | 39.0 | \$133.50 | 3 | - | 4 | - | - | - | - | 2 | - | 2 | - | - | 73 | - | 2 | - | 4 | - | - | - | 2 | - | - | - | - | | | |
| Boom-conveyor operators----- | 108 | 40.0 | 135.50 | - | - | 8 | - | - | - | 1 | 9 | - | 2 | 2 | - | 43 | 5 | 20 | 13 | 5 | - | - | - | - | - | - | - | - | | | |
| Brakemen----- | 78 | 41.5 | 137.50 | - | - | - | 7 | - | - | - | - | 3 | 1 | 4 | - | 28 | 6 | 11 | 16 | 2 | - | - | - | - | - | - | - | - | | | |
| Bratticemen----- | 228 | 39.5 | 134.00 | 4 | - | 11 | - | - | 2 | - | 8 | 6 | - | 4 | - | 6 | 141 | 9 | 12 | 5 | 17 | 3 | - | - | - | - | - | - | | | |
| Continuous mining-machine operators----- | 834 | 41.5 | 153.50 | 6 | - | 3 | - | 14 | 3 | - | 3 | - | - | 16 | 34 | 3 | 15 | 28 | 1 | 481 | 70 | 38 | 91 | 25 | 3 | - | - | - | | | |
| Continuous mining-machine operators' helpers----- | 863 | 40.5 | 147.50 | 5 | - | 3 | 15 | 1 | 2 | 6 | 3 | 5 | 31 | 12 | 32 | 12 | 25 | 83 | 377 | 87 | 75 | 63 | 14 | 6 | 6 | - | - | - | | | |
| Conveyor belt cleaners----- | 105 | 41.0 | 139.50 | 1 | - | 1 | - | - | - | - | 9 | - | 8 | - | - | 14 | 37 | 6 | - | 21 | 6 | 2 | - | - | - | - | - | - | | | |
| Cutting-machine operators----- | 225 | 40.0 | 139.00 | 13 | - | - | 3 | - | - | - | - | - | 15 | 30 | 7 | 12 | 3 | - | 93 | 31 | 10 | 4 | 2 | - | 2 | - | - | - | | | |
| Cutting-machine operators' helpers----- | 169 | 40.5 | 146.50 | 2 | - | - | 4 | - | - | - | - | - | 14 | 10 | 1 | - | 3 | 2 | 94 | 26 | - | 9 | 2 | - | 2 | - | - | - | | | |
| Drillers, machine----- | 92 | 38.5 | 136.50 | 1 | - | - | 4 | - | - | - | - | 14 | - | 1 | - | 2 | 53 | 8 | 5 | 1 | 3 | - | - | - | - | - | - | - | | | |
| Electricians, maintenance----- | 20 | 48.0 | 180.00 | 3 | 60 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | 10 | - | - | 6 | - | - | - | | | |
| Loaders, hand----- | 290 | 41.0 | 118.00 | 1 | - | - | 12 | - | - | - | - | - | - | 60 | - | - | 36 | - | 110 | - | - | - | - | - | - | - | - | - | | | |
| Loading-machine operators----- | 343 | 40.0 | 149.00 | 1 | - | - | 22 | 1 | 2 | - | - | - | 19 | 1 | 1 | 1 | 8 | 5 | 148 | 48 | 37 | 30 | 17 | - | 2 | - | - | - | | | |
| Mechanics, maintenance----- | 1,391 | 43.5 | 162.50 | 13 | 1 | - | - | 17 | 11 | 1 | 391 | 3 | 2 | 39 | 10 | 4 | 8 | 9 | 4 | 670 | 111 | 88 | 232 | 80 | 88 | - | - | - | | | |
| Mechanics' helpers, maintenance----- | 65 | 41.5 | 146.00 | 2 | - | 1 | - | 1 | - | - | 3 | - | - | - | - | 11 | 6 | - | 28 | 9 | 2 | 2 | - | - | - | - | - | - | | | |
| Motormen----- | 1,346 | 40.5 | 138.50 | 18 | - | 26 | 5 | 6 | - | 3 | 46 | 15 | 15 | 7 | 4 | 8 | 813 | 58 | 142 | 85 | 68 | 14 | 8 | 5 | - | - | - | - | | | |
| Oilers and greasers----- | 28 | 41.0 | 139.00 | - | - | 2 | - | - | - | - | 2 | - | - | - | - | - | 8 | 2 | 4 | 8 | 1 | 1 | - | - | - | - | - | - | | | |
| Pumpmen----- | 57 | 47.5 | 159.50 | - | - | - | - | - | - | - | 1 | 1 | - | - | - | 6 | 9 | 3 | 2 | - | 18 | 4 | 6 | 6 | 1 | - | - | - | | | |
| Roof bolters----- | 1,200 | 40.0 | 142.00 | 6 | - | - | 29 | 2 | 2 | - | - | 58 | 8 | 15 | 11 | 2 | 3 | 825 | 31 | 117 | 32 | 50 | 9 | - | - | - | - | - | | | |
| Shot firers----- | 124 | 37.5 | 133.50 | 2 | - | - | 8 | - | - | - | - | 20 | - | 1 | 1 | - | - | 81 | 3 | 2 | - | 6 | - | - | - | - | - | - | | | |
| Shuttle-car operators----- | 873 | 40.5 | 139.00 | 10 | - | 34 | 4 | - | 3 | - | 48 | 10 | 13 | 24 | 4 | 1 | 350 | 94 | 65 | 81 | 38 | 86 | 6 | 1 | 1 | - | - | - | | | |
| Timbermen----- | 335 | 40.0 | 133.00 | 4 | - | 11 | 3 | - | - | 6 | 12 | 5 | 2 | 56 | - | 24 | 136 | 13 | 14 | 6 | 33 | 8 | - | 2 | - | - | - | - | | | |
| Trackmen----- | 209 | 39.5 | 133.50 | - | - | 12 | - | - | - | - | 16 | 2 | 2 | 13 | 1 | - | 120 | 3 | 15 | 12 | 13 | - | - | - | - | - | - | - | | | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers----- | 63 | 40.5 | 147.00 | - | - | - | - | - | - | 4 | - | - | - | - | - | 22 | 2 | 4 | 4 | 11 | 6 | 4 | 6 | - | - | - | - | - | | | |
| Car dumpers----- | 45 | 39.0 | 141.00 | 1 | - | - | - | - | 1 | 1 | - | - | - | 3 | - | 8 | 8 | 6 | 5 | 5 | 2 | - | - | - | - | - | - | - | | | |
| Car repairmen----- | 40 | 41.0 | 150.00 | - | 1 | - | - | - | - | - | - | - | 2 | 1 | - | 5 | 3 | 1 | 3 | 3 | 21 | - | - | - | - | - | - | - | | | |
| Hoistmen----- | 25 | 38.5 | 143.00 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 8 | 4 | - | 4 | 3 | - | - | - | - | - | - | - | | | |
| Lampmen----- | 87 | 38.0 | 138.00 | - | 2 | - | - | - | - | - | - | 1 | 4 | 2 | 12 | 34 | 3 | 13 | 7 | 1 | 3 | 1 | 1 | - | 3 | - | - | - | | | |
| Mechanics, maintenance----- | 260 | 38.0 | 144.50 | 2 | - | 14 | 1 | 5 | 1 | - | - | 8 | 1 | 4 | - | 14 | 102 | 10 | 5 | 15 | 46 | 7 | 20 | 8 | 1 | - | - | - | | | |
| Mechanics' helpers, maintenance----- | 32 | 40.5 | 151.00 | - | 1 | - | - | - | - | - | - | - | - | - | - | 11 | 3 | - | - | - | 8 | 9 | - | - | - | - | - | - | | | |
| Oilers and greasers----- | 26 | 43.5 | 155.00 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 3 | 4 | - | 6 | 7 | - | - | - | - | - | 2 | - | | | |
| Slate pickers----- | 15 | 35.5 | 127.50 | - | - | 2 | - | - | - | - | - | 1 | 1 | - | 2 | 4 | 2 | - | 2 | 1 | - | - | - | - | - | - | - | - | | | |
| Tipple operators----- | 184 | 41.0 | 143.00 | - | - | - | 5 | - | 10 | 6 | 1 | 1 | 2 | 11 | 1 | 23 | 32 | 30 | 9 | 13 | 21 | 10 | 2 | 2 | 5 | - | - | - | | | |
| Truckdrivers ⁴ ----- | 94 | 37.5 | 133.00 | 2 | 1 | - | - | - | 3 | 3 | 1 | - | 1 | - | 32 | 14 | 17 | 5 | 4 | 9 | - | - | 2 | - | - | - | - | - | | | |
| Other than trailer type----- | 84 | 37.5 | 132.00 | 2 | 1 | - | - | - | 3 | 3 | 1 | - | 1 | - | 32 | 12 | 9 | 5 | 4 | 9 | - | - | 2 | - | - | - | - | - | | | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.
³ Workers were distributed as follows: 36 at \$50 to \$55 and 24 at \$60 to \$65.
⁴ Includes drivers of other types of trucks in addition to those shown separately.

Table 28. Underground Mines: Occupational Earnings (Weekly)—Virginia

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--------------------|-----------------------|---|---------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|---|--|
| | | Hours ² | Earnings ² | Under \$50 | \$50 and under \$55 | \$55 | \$60 | \$65 | \$70 | \$75 | \$80 | \$85 | \$90 | \$95 | \$100 | \$110 | \$120 | \$130 | \$140 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 and over | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 16 | 42.5 | \$144.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11 | 1 | - | 2 | 2 | - | - | - | |
| Boom-conveyor operators | 54 | 40.5 | 120.00 | - | - | - | - | 2 | - | 2 | - | 10 | - | 4 | - | - | 2 | 22 | 12 | - | - | - | - | - | - | - | |
| Brakemen | 72 | 38.0 | 89.00 | 14 | 10 | - | 10 | - | - | - | - | - | - | 4 | 8 | - | 4 | 14 | 6 | - | 1 | 1 | - | - | - | - | |
| Bratticemen | 50 | 41.5 | 142.00 | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | 37 | - | - | 3 | - | 4 | - | 2 | - | |
| Continuous mining-machine operators | 111 | 40.0 | 145.50 | - | - | - | - | - | - | 5 | - | - | - | - | - | 2 | 16 | - | 6 | 70 | 2 | - | 10 | - | - | - | |
| Continuous mining-machine operators' helpers | 128 | 41.0 | 141.00 | - | - | - | - | - | - | - | 2 | - | - | 4 | 20 | 4 | 14 | 46 | 26 | 4 | 2 | 6 | - | - | - | - | |
| Conveyor belt cleaners | 76 | 39.5 | 134.00 | - | - | - | - | - | - | 4 | - | - | - | 2 | 2 | - | 55 | 8 | 2 | 3 | - | - | - | - | - | - | |
| Cutting-machine operators | 299 | 40.5 | 109.50 | - | - | - | 10 | - | 14 | 15 | 22 | 28 | 20 | 14 | 63 | 11 | 12 | 8 | 65 | 5 | 3 | 8 | 1 | - | - | - | |
| Cutting-machine operators' helpers | 207 | 38.5 | 105.50 | - | - | 10 | 10 | - | - | 12 | 37 | 29 | 24 | - | 12 | 1 | - | - | 55 | 10 | - | 6 | 1 | - | - | - | |
| Drillers, machine | 63 | 41.0 | 123.00 | - | 1 | - | - | - | - | - | - | - | 2 | 8 | 11 | 10 | - | 5 | 25 | - | 1 | - | - | - | - | - | |
| Electricians, maintenance | 119 | 45.0 | 165.50 | 1 | - | - | - | - | - | 2 | - | 2 | - | - | - | 2 | - | 2 | - | 54 | 14 | 5 | 10 | 11 | 16 | - | |
| Electricians' helpers | 33 | 43.5 | 152.00 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 1 | 19 | 2 | - | 1 | 3 | 3 | - | - | |
| Loaders, hand | 810 | 33.5 | 71.00 | ³ 140 | 60 | 15 | 36 | 65 | 40 | 108 | 80 | 70 | 106 | 60 | 18 | 4 | - | 4 | - | 4 | - | - | - | - | - | - | |
| Loading-machine operators | 174 | 41.0 | 123.00 | - | - | - | - | - | - | - | 8 | 12 | - | 54 | 14 | 10 | 2 | 64 | 5 | 2 | 2 | 1 | - | - | - | - | |
| Mechanics, maintenance | 202 | 40.5 | 140.00 | - | - | - | - | - | - | 2 | - | - | 1 | - | 36 | - | 5 | 2 | 15 | 136 | 5 | - | - | - | - | - | |
| Motormen | 657 | 38.5 | 99.00 | 10 | 10 | - | 30 | 8 | 42 | - | 81 | 18 | 88 | 66 | 121 | 28 | 10 | 94 | 25 | 9 | 15 | 2 | - | - | - | - | |
| Pumpmen | 10 | 41.0 | 138.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - | 1 | - | - | - | - | - | |
| Roof bolters | 285 | 40.5 | 138.50 | - | - | 2 | - | 4 | - | 4 | 2 | 5 | 4 | 18 | 12 | - | - | 189 | 10 | 2 | 21 | 7 | 1 | 4 | - | - | |
| Shot firers | 341 | 37.5 | 96.00 | - | 24 | 12 | 16 | - | - | 10 | 53 | 28 | 60 | 34 | 22 | 7 | 2 | - | 70 | - | - | 1 | 2 | - | - | - | |
| Shuttle-car operators | 290 | 40.0 | 132.00 | 2 | 4 | - | - | - | - | 2 | - | 4 | 13 | 17 | 12 | 6 | 183 | 27 | 1 | 17 | - | 2 | - | - | - | - | |
| Timbermen | 247 | 38.5 | 102.00 | 10 | - | - | - | 10 | 20 | 10 | 26 | 22 | 25 | 24 | 8 | 6 | 4 | 52 | 22 | 8 | - | - | - | - | - | - | |
| Trackmen | 72 | 41.0 | 131.00 | - | - | - | - | - | - | 3 | 9 | - | - | - | - | 9 | 35 | 5 | - | 9 | - | 2 | - | - | - | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 32 | 38.5 | 139.00 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 18 | 7 | - | 3 | 2 | - | - | - | - | |
| Car dumpers | 189 | 36.5 | 63.50 | 30 | 30 | 5 | 67 | 9 | 12 | 10 | - | 4 | 2 | - | 5 | - | 4 | 5 | 6 | - | - | - | - | - | - | - | |
| Electricians, maintenance | 21 | 41.5 | 159.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 1 | 6 | - | 1 | 4 | 1 | 1 | - | - | |
| Lampmen | 10 | 40.0 | 146.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 2 | 3 | 1 | - | - | - | - | - | |
| Mechanics, maintenance | 76 | 39.0 | 141.00 | - | - | - | - | - | - | - | - | - | - | 10 | - | - | - | 26 | 7 | 28 | 4 | 1 | - | - | - | - | |
| Slate pickers | 31 | 37.0 | 108.00 | 2 | - | - | 4 | - | - | 2 | - | - | - | 6 | - | - | 2 | 8 | 4 | 1 | - | 2 | - | - | - | - | |
| Tipple operators | 77 | 41.0 | 135.50 | - | - | - | - | - | - | 3 | 2 | - | - | 2 | 4 | 6 | 4 | 31 | 9 | 6 | 3 | 7 | - | - | - | - | |
| Truckdrivers, other than trailer type | 171 | 41.5 | 92.50 | 10 | - | - | - | 30 | 29 | 23 | 25 | 8 | 4 | - | - | - | - | 16 | 1 | - | 3 | - | 22 | - | - | - | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.³ Workers were distributed as follows: 50 at less than \$25; 10 at \$25 to \$30; 10 at \$30 to \$35; 10 at \$35 to \$40; 20 at \$40 to \$45; and 40 at \$45 to \$50.

Table 29. Underground Mines: Occupational Earnings (Weekly)—West Virginia

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--------------------|-----------------------|---|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|---|--|
| | | Hours ² | Earnings ³ | Under \$50 | \$50 and under \$55 | \$55-\$60 | \$60-\$65 | \$65-\$70 | \$70-\$75 | \$75-\$80 | \$80-\$85 | \$85-\$90 | \$90-\$95 | \$95-\$100 | \$100-\$110 | \$110-\$120 | \$120-\$130 | \$130-\$140 | \$140-\$150 | \$150-\$160 | \$160-\$170 | \$170-\$180 | \$180-\$190 | \$190-\$200 | \$200 and over | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inside workers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonders-wiremen | 308 | 42.0 | \$144.00 | 5 | 2 | - | - | - | - | - | 8 | - | - | - | 2 | 9 | 7 | 149 | 7 | - | 99 | 18 | 2 | - | - | - | |
| Boom-conveyor operators | 432 | 41.5 | 142.50 | - | - | - | - | - | - | - | - | - | - | 10 | 5 | 9 | 280 | 39 | 2 | 58 | 28 | 1 | - | - | - | - | |
| Brakemen | 260 | 40.0 | 135.50 | - | 3 | - | - | - | - | - | 4 | 1 | - | - | 31 | 2 | - | 164 | 23 | 3 | 25 | 2 | - | - | 2 | - | |
| Bratticemen | 378 | 41.5 | 140.50 | - | - | - | 11 | - | - | - | - | 2 | - | - | 28 | 3 | - | 199 | 31 | 16 | 70 | 9 | 2 | 7 | - | - | |
| Continuous mining-machine operators | 1,259 | 41.5 | 153.00 | 4 | - | - | 3 | - | 1 | - | - | 16 | 10 | 8 | 16 | 36 | 48 | 25 | 113 | 693 | 63 | 12 | 149 | 17 | 45 | - | |
| Continuous mining-machine operators' helpers | 1,000 | 40.0 | 142.00 | 23 | - | 22 | - | - | - | - | - | 34 | 4 | - | 50 | 48 | 30 | 2 | 392 | 226 | 35 | 78 | 33 | 11 | 12 | - | |
| Conveyor belt cleaners | 480 | 42.0 | 141.50 | 3 | 11 | - | - | - | - | - | 6 | - | - | - | 28 | 2 | 33 | 214 | 50 | 19 | 56 | 21 | 10 | 21 | 6 | - | |
| Cutting-machine operators | 1,017 | 40.0 | 141.00 | - | - | 5 | - | 32 | - | - | - | 53 | - | 1 | 55 | 40 | 64 | 2 | 482 | 174 | 9 | 72 | 10 | 2 | 16 | - | |
| Cutting-machine operators' helpers | 804 | 40.5 | 145.50 | - | - | 3 | - | - | - | - | - | 55 | 3 | - | 22 | 39 | 39 | 14 | 415 | 111 | 1 | 55 | 33 | - | 14 | - | |
| Drillers, machine | 412 | 41.0 | 144.50 | - | - | 5 | - | - | 16 | - | - | - | - | - | 16 | 15 | 16 | 12 | 223 | 8 | 1 | 77 | 5 | 3 | 15 | - | |
| Electricians, maintenance | 1,395 | 43.5 | 162.50 | - | - | - | 3 | 5 | - | - | - | 17 | 7 | 5 | - | - | 87 | 17 | 27 | 695 | 94 | 51 | 192 | 55 | 140 | - | |
| Electricians' helpers, maintenance | 99 | 43.0 | 151.00 | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 9 | 44 | 7 | 22 | 7 | 3 | 1 | - | - | - | |
| Loaders, hand | 759 | 35.5 | 88.00 | 101 | 41 | - | 39 | 49 | 38 | 34 | 28 | 17 | 37 | 11 | 113 | 11 | 200 | 40 | - | - | - | - | - | - | - | - | |
| Loading-machine operators | 1,540 | 41.0 | 150.50 | - | - | 1 | 7 | 32 | - | - | - | 22 | - | - | 90 | 16 | 6 | 778 | 294 | 45 | 148 | 49 | 20 | 32 | - | - | |
| Mechanics, maintenance | 1,539 | 44.5 | 166.50 | - | - | - | 4 | - | - | - | - | - | - | 18 | 3 | - | 4 | 66 | 26 | 54 | 110 | 14 | 397 | 96 | 141 | - | |
| Mechanics' helpers, maintenance | 92 | 40.0 | 131.50 | - | - | - | - | - | - | - | - | - | 4 | - | 14 | 2 | - | 53 | 14 | - | 3 | 2 | - | - | - | - | |
| Miners, pick | 294 | 36.0 | 91.50 | - | - | - | - | 13 | 10 | - | 76 | 56 | 96 | 13 | - | - | 10 | 10 | 10 | - | - | - | - | - | - | - | |
| Motormen | 2,270 | 41.5 | 141.00 | 1 | 7 | - | - | - | - | - | 13 | 2 | - | 5 | 136 | 49 | 53 | 1,088 | 427 | 112 | 298 | 47 | 10 | 9 | 13 | - | |
| Oilers and greasers | 70 | 46.0 | 158.50 | - | - | - | - | - | - | - | - | - | - | - | 2 | 4 | - | 18 | 4 | 3 | 19 | 3 | 2 | 15 | - | - | |
| Pumpmen | 172 | 45.5 | 154.50 | 2 | - | - | - | - | 2 | - | - | - | - | - | 9 | - | - | 52 | 7 | 2 | 58 | 6 | 11 | 23 | - | - | |
| Roof bolters | 2,076 | 40.5 | 143.50 | 5 | - | 8 | 1 | - | - | - | 5 | 46 | 6 | 5 | 4 | 142 | 22 | 53 | 1,392 | 77 | 35 | 225 | 30 | 15 | 5 | - | |
| Shot firers | 514 | 40.5 | 142.50 | - | - | 2 | 2 | - | - | - | - | 1 | - | 5 | - | 29 | 25 | 3 | 375 | 12 | 6 | 49 | 2 | 3 | - | - | |
| Shuttle-car operators | 2,948 | 40.0 | 135.00 | 11 | 11 | - | 3 | - | - | - | 24 | 177 | 4 | 3 | 193 | 70 | 64 | 1,633 | 300 | 113 | 264 | 46 | 16 | 8 | 8 | - | |
| Timbermen | 584 | 38.5 | 127.50 | 36 | 2 | 10 | - | - | - | - | 4 | 4 | - | 2 | 53 | 2 | 21 | 269 | 142 | 2 | 29 | 8 | - | - | - | - | |
| Trackmen | 715 | 42.5 | 145.00 | - | 1 | - | - | - | - | - | - | - | - | - | 28 | 7 | 2 | 393 | 67 | 19 | 147 | 26 | - | 18 | 7 | - | |
| Outside workers (noncontinuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car droppers | 380 | 40.5 | 145.00 | - | 2 | - | - | - | - | 1 | - | 3 | - | - | 2 | 11 | 4 | 172 | 69 | 29 | 44 | 11 | 5 | 25 | 2 | - | |
| Car dumpers | 109 | 40.0 | 138.50 | - | - | 10 | - | - | - | - | - | - | - | - | 2 | - | - | 36 | 27 | 14 | 5 | 8 | 7 | - | - | - | |
| Car repairmen | 50 | 39.5 | 144.50 | - | - | - | - | - | - | - | - | - | - | - | 5 | 3 | - | 17 | 8 | - | 6 | 9 | - | 2 | - | - | |
| Electricians, maintenance | 205 | 42.5 | 157.50 | - | - | - | - | - | - | - | - | - | - | 1 | 5 | 5 | 44 | 33 | 14 | 53 | 19 | 23 | 1 | 7 | - | - | |
| Hoistmen | 16 | 39.5 | 145.50 | - | - | - | - | - | - | - | 1 | - | - | - | - | 6 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | - | 1 | - | |
| Lampmen | 89 | 40.5 | 146.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | 44 | 17 | 11 | 9 | 6 | - | 2 | - | - | - | |
| Mechanics, maintenance | 829 | 43.5 | 163.50 | 4 | - | 1 | - | - | - | - | 3 | - | - | - | 5 | 3 | - | 193 | 72 | 86 | 194 | 60 | 86 | 57 | 65 | - | |
| Mechanics' helpers, maintenance | 60 | 41.5 | 150.50 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 4 | 18 | - | 14 | 19 | 2 | 2 | - | - | - | |
| Oilers and greasers | 49 | 40.5 | 145.00 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | 25 | 4 | 10 | 2 | 6 | - | - | - | - | |
| Slate pickers | 151 | 41.5 | 147.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | 29 | 32 | 19 | 43 | 20 | 5 | 1 | 2 | - | - | |
| Tipple operators | 610 | 41.5 | 145.50 | - | - | - | - | - | 22 | - | 3 | 5 | - | - | 9 | 2 | 19 | 228 | 96 | 72 | 74 | 36 | 24 | 3 | 17 | - | |
| Truckdrivers ⁴ | 515 | 40.5 | 128.00 | - | - | - | 22 | - | - | - | 11 | 32 | 36 | 6 | 17 | 58 | 58 | 154 | 36 | 10 | 25 | 29 | 11 | 7 | 3 | - | |
| Other than trailer type | 501 | 40.5 | 127.00 | - | - | - | 22 | - | - | - | 11 | 32 | 36 | 6 | 17 | 58 | 58 | 152 | 36 | 10 | 25 | 17 | 11 | 7 | 3 | - | |
| Outside workers (continuous operations) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hoistmen | 34 | 46.5 | 158.50 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 14 | 2 | 2 | 1 | 2 | - | 10 | 2 | - | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.
³ Workers were distributed as follows: 47 under \$30; 17 at \$30 to \$35; and 37 at \$45 to \$50.
⁴ Includes drivers of other types of trucks in addition to those shown separately.

Table 30. Underground Mines: Scheduled Weekly Hours

(Percent of production workers by scheduled weekly hours of day-shift workers,¹
United States and selected States, January 1967)

| Weekly hours | United States ² | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--|----------------------------|---------|----------|----------|------|------|------|--------------|----------|------------------|
| | | | | Total | East | West | | | | |
| Inside workers | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 32 hours | 1 | - | - | - | - | - | - | 2 | - | - |
| 35 hours | 2 | 4 | 12 | - | - | - | - | - | 2 | 2 |
| 40 hours | 90 | 96 | 59 | 98 | 100 | 91 | 92 | 93 | 98 | 89 |
| Over 40 and under 48 hours | 3 | - | - | - | - | - | - | 1 | - | 7 |
| 48 hours | 4 | - | 29 | 2 | - | 9 | 8 | 4 | - | 2 |
| Over 48 hours | (³) | - | - | - | - | - | - | - | - | 1 |
| Outside workers (noncontinuous operations) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Under 36 1/4 | 3 | 3 | 7 | - | - | - | - | 3 | 2 | - |
| 36 1/4 hours | 70 | 87 | 41 | 49 | 43 | 65 | 75 | 83 | 51 | 80 |
| Over 36 1/4 and under 40 hours | 2 | - | - | - | - | - | 6 | - | - | 3 |
| 40 hours | 20 | 10 | 5 | 48 | 57 | 20 | 6 | 7 | 47 | 14 |
| Over 40 and under 43 1/2 hours | 1 | - | 7 | - | - | - | - | - | - | 1 |
| 43 1/2 hours | 3 | - | 24 | - | - | - | 5 | 6 | - | - |
| 44 hours | 1 | - | 12 | - | - | - | - | - | - | - |
| 48 hours | 1 | - | 3 | 3 | - | 15 | 9 | 1 | - | (³) |
| Over 48 hours | 1 | - | 1 | - | - | - | - | - | - | 2 |

¹ Data relate to the predominant work schedule for full-time day-shift workers in the categories (i.e. inside workers and outside workers on noncontinuous operations) in each mine. Outside workers on continuous operations accounted for less than 1 percent of the employment in underground mines.² Includes data for States in addition to those shown separately.³ Less than 0.5 percent.

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

Table 31. Underground Mines: Overtime Premium Pay

(Percent of production workers in mines with provisions for daily or weekly overtime by rate of pay and hours after which effective, United States and selected States, January 1967)

| Item | United States ¹ | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--|----------------------------|---------|----------|----------|------|------|------|--------------|----------|------------------|
| | | | | Total | East | West | | | | |
| Inside workers | | | | | | | | | | |
| <u>Daily overtime</u> | | | | | | | | | | |
| Time and one-half effective after— | | | | | | | | | | |
| 8 hours | 84 | 91 | 100 | 57 | 51 | 83 | 96 | 92 | 50 | 92 |
| 8 1/2 hours | (²) | - | - | - | - | - | - | - | - | 1 |
| No premium pay | 15 | 4 | - | 43 | 49 | 17 | 4 | 8 | 48 | 6 |
| No formal policy | 1 | 5 | - | - | - | - | - | - | 2 | 1 |
| <u>Weekly overtime</u> | | | | | | | | | | |
| Time and one-half effective after— | | | | | | | | | | |
| 40 hours | 99 | 100 | 100 | 97 | 96 | 100 | 100 | 100 | 98 | 99 |
| No premium pay | 1 | - | - | 3 | 4 | - | - | - | - | (²) |
| No formal policy | 1 | - | - | - | - | - | - | - | 2 | 1 |
| Outside workers (noncontinuous operations) | | | | | | | | | | |
| <u>Daily overtime</u> | | | | | | | | | | |
| Time and one-half effective after— | | | | | | | | | | |
| 7 hours | 1 | - | 15 | - | - | - | - | - | - | - |
| 7 1/4 hours | 78 | 87 | 77 | 48 | 44 | 65 | 92 | 92 | 51 | 88 |
| 8 hours | 7 | 3 | 8 | 16 | 18 | 6 | 2 | - | 7 | 5 |
| 8 1/2 hours | 1 | - | - | - | - | - | - | - | - | 2 |
| No premium pay | 13 | 3 | - | 36 | 38 | 28 | 6 | 8 | 40 | 5 |
| No formal policy | 1 | 7 | - | - | - | - | - | - | 2 | (²) |
| <u>Weekly overtime</u> | | | | | | | | | | |
| Time and one-half effective after— | | | | | | | | | | |
| 35 hours | 1 | - | 15 | - | - | - | - | - | - | - |
| 36 1/4 hours | 78 | 87 | 77 | 48 | 44 | 65 | 92 | 88 | 51 | 88 |
| 40 hours | 20 | 13 | 8 | 49 | 53 | 35 | 8 | 12 | 47 | 12 |
| No premium pay | 1 | - | - | 3 | 3 | - | - | - | - | (²) |
| No formal policy | (²) | - | - | - | - | - | - | - | 2 | - |

¹ Includes data for States in addition to those shown separately.

² Less than 0.5 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 32. Underground Mines: Shift Differential Practices

(Percent of production workers employed on late shifts by amount of pay differential, United States and selected States, January 1967)

| Shift differential | United States ¹ | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--|----------------------------|---------|----------|----------|------|------|------|--------------|----------|---------------|
| | | | | Total | East | West | | | | |
| Second shift | | | | | | | | | | |
| Workers employed on second shifts | 28.5 | 33.6 | 33.6 | 25.9 | 24.5 | 31.1 | 27.8 | 30.1 | 20.4 | 30.1 |
| Receiving shift differential | 24.9 | 33.6 | 32.9 | 15.1 | 11.9 | 27.5 | 27.3 | 28.6 | 15.3 | 27.0 |
| Uniform cents per hour | 24.9 | 33.6 | 32.9 | 15.0 | 11.9 | 27.0 | 27.3 | 28.6 | 15.3 | 27.0 |
| 4 cents | .1 | - | - | - | - | - | - | - | - | - |
| 8 cents | 24.7 | 33.6 | 32.9 | 15.0 | 11.9 | 27.0 | 27.3 | 28.4 | 15.2 | 27.0 |
| 10 cents | (²) | - | - | - | - | - | - | .1 | - | - |
| 12 1/2 cents | (²) | - | - | - | - | - | - | - | .2 | - |
| Uniform percentage payments | (²) | - | - | - | - | .4 | - | - | - | - |
| 8 percent | (²) | - | - | .1 | - | .4 | - | - | - | - |
| Receiving no shift differential | 3.6 | - | .6 | 10.8 | 12.6 | 3.6 | .5 | 1.6 | 5.0 | 3.1 |
| Third or other late shift | | | | | | | | | | |
| Workers employed on third or other late shifts | 15.3 | 10.5 | 17.5 | 11.5 | 11.9 | 12.2 | 17.0 | 21.8 | 8.3 | 16.5 |
| Receiving shift differential | 14.8 | 10.5 | 17.5 | 8.2 | 7.8 | 11.8 | 17.0 | 21.7 | 8.3 | 16.5 |
| Uniform cents per hour | 14.8 | 10.5 | 17.5 | 8.2 | 7.8 | 11.4 | 17.0 | 21.7 | 8.3 | 16.5 |
| 10 cents | 14.8 | 10.5 | 17.5 | 8.2 | 7.8 | 11.4 | 17.0 | 21.7 | 8.3 | 16.5 |
| 8 hours pay for 7 1/2 hours' work | .1 | - | - | - | - | .3 | - | - | - | - |
| Receiving no shift differential | .5 | - | - | 3.3 | 4.1 | .5 | - | .1 | - | - |

¹ Includes data for States in addition to those shown separately.² Less than 0.05 percent.

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

Table 33. Underground Mines: Paid Holidays

(Percent of production workers in mines having formal provisions for paid holidays, United States and selected States, January 1967)

| Number of paid holidays | United States ¹ | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--|----------------------------|---------|----------|----------|------|------|------|--------------|----------|---------------|
| | | | | Total | East | West | | | | |
| All workers | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Workers in mines having paid holidays | 81 | 89 | 94 | 45 | 37 | 75 | 93 | 95 | 46 | 92 |
| 1 day | (²) | - | - | - | - | - | - | 1 | - | - |
| 8 days | 81 | 89 | 94 | 45 | 37 | 75 | 93 | 94 | 46 | 92 |
| Workers in mines having no paid holidays | 19 | 11 | 6 | 55 | 63 | 25 | 7 | 5 | 54 | 8 |

¹ Includes data for States in addition to those shown separately.² Less than 0.5 percent.

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

Table 34. Underground Mines: Paid Vacations

(Percent of production workers in mines having contracts with the United Mine Workers of America (UMWA) and in other mines with formal provisions for paid vacations, United States and selected States, January 1967)

| Vacation policy | United States ¹ | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--|----------------------------|---------|------------------|----------|------|------|------|--------------|----------|------------------|
| | | | | Total | East | West | | | | |
| All workers | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Workers in mines having contracts with UMWA ² | 81 | 92 | 86 | 46 | 39 | 75 | 93 | 93 | 52 | 92 |
| Workers in other mines providing paid vacations | 5 | 1 | 14 | 16 | 19 | 7 | | 3 | | (³) |
| <u>Method of payment</u> | | | | | | | | | | |
| Length-of-time payment | (³) | - | - | 4 | 4 | 7 | | - | | - |
| Flat-sum payment | 4 | 1 | 14 | 12 | 15 | - | | 3 | | (³) |
| Other | (³) | - | - | - | - | - | | - | | - |
| <u>Amount of vacation pay⁴</u> | | | | | | | | | | |
| After 1 year of service: ⁵ | | | | | | | | | | |
| Under 1 week | (³) | - | 1 | 1 | 2 | - | | 1 | | - |
| 1 week | 1 | 1 | (³) | 6 | 8 | - | | 1 | | - |
| Over 1 and under 2 weeks | (³) | - | - | - | - | - | | - | | (³) |
| 2 weeks | 2 | - | 12 | 6 | 6 | 7 | | 2 | | - |
| Over 2 and under 3 weeks | 1 | - | 1 | 3 | 4 | - | | - | | - |
| Workers in other mines providing no paid vacations | 15 | 8 | | 39 | 42 | 19 | 7 | 4 | 48 | 8 |

¹ Includes data for States in addition to those shown separately.

² Workers covered by these contracts usually received 2 weeks paid vacation—10 times the employee's day wage rate—after 1 year or more of service; pro rata payments were provided workers having less than 1 year of service. A few mines having contracts with the UMWA, however, reported vacation provisions which differed from those stated.

³ Less than 0.5 percent.

⁴ Vacation payments such as flat-sum payments were converted to an equivalent time basis.

⁵ Vacation provisions were identical after longer periods of time.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 35. Underground Mines: Health, Insurance, and Pension Plans

(Percent of production workers in mines having contracts with United Mine Workers (UMWA) and in other mines with specified health, insurance, and pension plans, United States and selected States, January 1967)

| Type of plan ¹ | United States ² | Alabama | Illinois | Kentucky | | | Ohio | Pennsylvania | Virginia | West Virginia |
|--|----------------------------|---------|----------|----------|------|------|------|--------------|----------|------------------|
| | | | | Total | East | West | | | | |
| All workers | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Workers in mines having contracts with UMWA ³ | 81 | 92 | 86 | 46 | 39 | 75 | 93 | 93 | 52 | 92 |
| Workers in other mines providing: | | | | | | | | | | |
| Life insurance | 9 | - | 13 | 34 | 40 | 10 | 1 | - | 9 | 4 |
| Employer financed | 7 | - | 13 | 30 | 35 | 10 | - | - | 2 | 2 |
| Jointly financed | 2 | - | - | 4 | 5 | - | 1 | - | 6 | 2 |
| Accidental death and dismemberment insurance | 7 | - | 12 | 31 | 37 | 10 | 1 | - | 9 | 2 |
| Employer financed | 6 | - | 12 | 27 | 32 | 10 | - | - | 2 | 1 |
| Jointly financed | 2 | - | - | 4 | 5 | - | 1 | - | 6 | 2 |
| Sickness and accident insurance, or sick leave, or both ⁴ | 3 | - | 13 | 8 | 10 | - | - | - | 2 | 2 |
| Sickness and accident insurance | 3 | - | 13 | 8 | 10 | - | - | - | 2 | 2 |
| Employer financed | 2 | - | 13 | 6 | 7 | - | - | - | 2 | 1 |
| Jointly financed | 1 | - | - | 2 | 3 | - | - | - | - | 1 |
| Sick leave (full pay, no waiting period) | 2 | - | 1 | 6 | 7 | - | - | - | - | - |
| Sick leave (partial pay or waiting period) | 1 | - | - | 2 | 3 | - | - | - | - | - |
| Hospitalization insurance | 9 | - | 13 | 33 | 36 | 20 | 3 | 3 | 9 | 4 |
| Employer financed | 5 | - | 13 | 21 | 23 | 11 | 1 | - | 3 | 2 |
| Jointly financed | 4 | - | - | 12 | 13 | 9 | 3 | 3 | 5 | 2 |
| Surgical insurance | 9 | - | 13 | 33 | 36 | 20 | 3 | 1 | 9 | 4 |
| Employer financed | 5 | - | 13 | 21 | 23 | 11 | 1 | - | 3 | 2 |
| Jointly financed | 3 | - | - | 12 | 13 | 9 | 3 | 1 | 5 | 2 |
| Medical insurance | 9 | - | 13 | 33 | 36 | 20 | 1 | 3 | 9 | 4 |
| Employer financed | 5 | - | 13 | 21 | 23 | 11 | 1 | - | 3 | 2 |
| Jointly financed | 4 | - | - | 12 | 13 | 9 | - | 3 | 5 | 2 |
| Castastrophe insurance | 2 | - | 1 | 7 | 7 | 7 | - | - | 6 | 1 |
| Employer financed | 1 | - | - | - | - | - | - | - | 3 | 1 |
| Jointly financed | 1 | - | - | 7 | 7 | 7 | - | - | 2 | - |
| Retirement pension | 1 | - | 13 | - | - | - | - | - | - | 1 |
| Employer financed | 1 | - | 13 | - | - | - | - | - | - | 1 |
| Jointly financed | (⁵) | - | - | - | - | - | - | - | - | (⁵) |
| No plans | 8 | 8 | 2 | 12 | 41 | 5 | 3 | 4 | 40 | 3 |

¹ Includes only those plans for which at least part of the cost is borne by the employer, and excludes legally required plans such as workmen's compensation and social security; however, plans required by State temporary disability insurance laws are included only if the employer contributes more than is legally required or the employees receive benefits in excess of legal requirements.

² Includes data for States in addition to those shown separately.

³ The UMWA Welfare and Retirement Fund provided hospital and medical care benefits, benefits to widows and orphans, and pension benefits. Estimates relate to the proportion of workers in mines having contracts with the UMWA; the proportion of workers actually eligible for the benefits stated may be somewhat smaller, since the UMWA Welfare and Retirement Fund may withdraw benefits from workers in mines that are in violation of the Fund's trust provisions.

⁴ Unduplicated total of workers receiving sick leave or sickness and accident insurance shown separately.

⁵ Less than 0.5 percent.

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

Part II. Surface Mines

Average Hourly Earnings

Straight-time hourly earnings of the 14,866 production and related workers in surface mines covered by the survey averaged \$3.14 in January 1967 (table 36). This average was 9 percent above the \$2.87 an hour recorded for surface mines in the Bureau's November 1962 survey.¹⁴ The percent increase in average weekly earnings during the period was more than double the rise in average hourly earnings, due to longer workweeks in this branch of the industry. Average weekly hours worked in surface mines were up from 42 in 1962 to 47 in 1967.

Separate data were developed for four States, together accounting for nearly three-fourths of the employment in surface mines. Average hourly earnings for production workers in these States were \$3.83 in Illinois, \$3.35 in Kentucky, \$3.01 in Ohio, and \$2.33 in Pennsylvania. As pointed out in the discussion on industry characteristics, the extent of unionization in surface mines, as well as the proportion of workers in mines having 50 employees or more was much greater in Illinois than in the other three States.

Workers in larger surface mines averaged more than those in mines having fewer than 50 employees (\$3.56 an hour compared with \$2.68), and more in union than in nonunion mines (\$3.80 compared with \$2.36). Union mines accounted for four-fifths of the employment in larger mines, compared with slightly more than one-fourth in surface mines with fewer than 50 employees. Pennsylvania, which had the lowest earnings level among the four selected States, accounted for nearly one-fourth of all production workers in surface mines, for about one-third of those in smaller mines (less than 50 employees) and for nearly one-half of those in nonunion mines.

Individual hourly earnings in surface mines (table 37) were more widely dispersed than those in underground mines. The middle half of the workers in underground mines earned from \$3.39 to \$3.71 an hour, whereas the corresponding spread in surface mines was \$2.33 to \$3.85. Within the four selected States, however, earnings of workers in surface mines tended to cluster within comparatively narrow limits. This pattern was particularly apparent in Illinois where three-

fourths of the workers had earnings between \$3.70 and \$4 an hour, and in West Kentucky where two-thirds of the workers earned from \$3.50 to \$4.

Average Weekly Earnings

Working an average of 47 hours, production workers in surface mines averaged \$147 a week at the time of the survey. Although workers in underground mines averaged 20 cents an hour more than those in surface mines, average weekly earnings were \$11.50 higher for workers in surface mines, due to their longer workweeks. The average workweek in surface mines exceeded that in underground mines by 6.5 hours.

Weekly earnings of surface mine workers averaged \$180.50 in Illinois, \$160 in Kentucky, \$139.50 in Ohio, and \$117.50 in Pennsylvania. In Pennsylvania, workers averaged 50.5 hours of work a week, compared with averages of 46.5-47.5 in the other States.

Workers in larger mines averaged \$40 a week more than workers in mines having fewer than 50 employees, and workers in union mines averaged \$55.50 more than those in nonunion mines. Average weekly hours of work were 4 hours longer in nonunion than in union mines (49 compared with 45 hours), whereas they were about the same for the two mine size categories studied (46.5 and 47 hours, respectively).

Weekly earnings for over nine-tenths of the workers in surface mines ranged from \$75 to \$250. The middle half of the workers earned from \$112 to \$177. A large majority of the workers earning over \$200 a week were in Illinois and Kentucky, whereas most of those earning less than \$100 were in Ohio and Pennsylvania (table 38). Distributions of weekly earnings by hours worked are provided in table 39.

Occupational Earnings

The occupational classifications for which average straight-time hourly and weekly earnings are presented in table 40 accounted for four-fifths of the production workers in

¹⁴ Op cit., BLS Bulletin 1383.

surface mines covered by the survey. Nationwide, average hourly earnings for these jobs were highest for maintenance electricians (\$3.87), followed by maintenance machinists (\$3.68), and maintenance welders (\$3.58). Averages for numerically important jobs were \$3.38 for power-shovel operators, \$3.22 for truckdrivers (all types), \$3.11 for bulldozer operators, and \$2.76 for oilers and greasers. Slate pickers, who pick slate and other foreign material by hand from the coal, were lowest paid of the selected jobs, averaging \$2.13 an hour. Workers in this job, largely employed in Ohio and Pennsylvania, usually were found in small nonunion mines.

Average weekly earnings for the selected jobs ranged from \$91.50 for slate pickers to \$194.50 for maintenance electricians (who also had the highest average weekly hours worked at 50.5).

Occupational earnings also were tabulated by size of mine (table 41) and labor-management contract status (table 42). Where comparisons were possible, occupational averages, without exception, were higher in larger mines than in mines having fewer than 50 employees, and higher in union than in nonunion mines.

Hourly earnings of individuals in the same occupation tended to be clustered within comparatively narrow limits in Illinois; this pattern was less apparent in the other States (tables 44-48). The following tabulation which presents hourly earnings data for power-shovel operators (overburden), illustrates that earnings of workers in the same job were much less dispersed in Illinois (over nine-tenths of the work force were in union mines) than in Pennsylvania (one-tenth of the work force were in union mines).

| Hourly earnings | Percent of power-shovel operators, overburden | |
|-------------------------------|---|--------------|
| | Illinois | Pennsylvania |
| Under \$2.40 ----- | - | 21 |
| \$2.40 and under \$2.60 ----- | - | 20 |
| \$2.60 and under \$2.80 ----- | 5 | 31 |
| \$2.80 and under \$3.00 ----- | - | 21 |
| \$3.00 and under \$3.20 ----- | - | 2 |
| \$3.20 and under \$3.40 ----- | - | - |
| \$3.40 and under \$3.60 ----- | - | - |
| \$3.60 and under \$3.80 ----- | - | - |
| \$3.80 and under \$4.00 ----- | - | - |
| \$4.00 and under \$4.20 ----- | - | - |
| \$4.20 and under \$4.40 ----- | 89 | 3 |
| \$4.40 and over ----- | 6 | 2 |
| Total ----- | 100 | 100 |
| Number of workers ----- | 199 | 527 |
| Average hourly earnings ----- | \$4.20 | \$2.72 |

Reflecting differences in hours worked, weekly earnings of surface mine workers in the selected occupations were more widely dispersed than hourly earnings (tables 49-54).

Establishment Practices and Supplementary Wage Provisions

Scheduled Weekly Hours and Overtime Pay. Work schedules of 36 ¹/₄ hours a week were in effect in surface mines employing one-fourth of the production workers (table 55). A similar proportion of the workers were in mines having 40-hour work schedules, and a slightly larger proportion were in mines having 48-hour schedules. Most of the remainder of the workers had schedules in excess of 48 hours a week. Work schedules of 48 hours a week or more applied to two-fifths of the workers in Illinois and Ohio, compared with three-fifths in Kentucky and Pennsylvania.

A paid lunch period, nearly always 30 minutes, was part of the work schedule in surface mines accounting for two-thirds of the production workers. Paid lunch periods were granted to about two-fifths of the workers in Pennsylvania, three-fifths in Ohio, almost nine-tenths in Kentucky, and nearly all in Illinois.

Mines providing premium pay of time and one-half regular rates for work in excess of 7 ¹/₄ hours a day and 36 ¹/₄ hours a week accounted for one-half of the workers in surface mines (table 56). The remaining workers typically were not provided daily overtime pay, but were covered by provisions for time and one-half regular rates for work in excess of 40 hours a week. All workers in Illinois were provided daily overtime pay, compared with nearly four-fifths in Kentucky, slightly more than two-fifths in Ohio, and one-tenth in Pennsylvania.

Shift Differential Practices. About one-fifth of the production workers in surface mines were employed on second shifts and nearly one-tenth on third or other late shifts at the time of the study (table 57). Most of these workers received extra pay for late-shift work, usually 8 cents an hour for second shifts and 10 cents for third or other late shifts.

Paid Holidays. Paid holiday provisions, usually 8 days annually, were in effect in surface mines employing slightly more than one-half of the production workers (table 58). Paid holiday provisions applied to over nine-tenths of the workers in Illinois, two-thirds in Kentucky, two-fifths in Ohio, and one-fifth in Pennsylvania.

Paid Vacations. Provisions for paid vacations after qualifying periods of service were in effect in surface mines employing nearly four-fifths of the production workers (table 59). Mines employing about one-half of the workers provided 2 weeks—10 times the employees' day wage rate—paid vacation after 1 year of service or more (UMWA standard vacation provision). Workers in

non-UMWA mines usually were provided 1 week of vacation pay after 1 year of service or more.

Health, Insurance, and Pension Plans. The UMWA welfare and pension plans described earlier in the section dealing with underground mines, also applied to about one-half of the workers in surface mines. Slightly more than one-half of the workers in non-UMWA mines were provided some type of health and insurance benefits; the most common types of benefits reported were hospitalization, surgical, and medical insurance (table 60). Selected health, insurance, and retirement benefits were more prevalent for workers in non-UMWA mines in Kentucky than in the other States.

Table 37. Surface Mines: Hourly Earnings Distribution

(Percent distribution of production workers
by average straight-time hourly earnings,¹
United States and selected States, January 1967)

| Average hourly earnings ¹ | United States ² | Illinois | Kentucky | | Ohio | Pennsylvania |
|--|----------------------------|----------|--------------------|---------|---------|--------------|
| | | | Total ³ | West | | |
| Under \$ 1.50 ----- | 1.2 | 0.2 | 0.4 | 0.3 | 1.5 | 2.5 |
| \$ 1.50 and under \$ 1.60 ----- | 1.2 | (4) | 1.0 | .3 | .5 | 3.3 |
| \$ 1.60 and under \$ 1.70 ----- | 2.1 | .2 | - | - | .8 | 7.9 |
| \$ 1.70 and under \$ 1.80 ----- | 2.8 | - | .6 | - | 3.6 | 5.7 |
| \$ 1.80 and under \$ 1.90 ----- | 2.4 | - | .6 | .3 | 4.2 | 5.8 |
| \$ 1.90 and under \$ 2.00 ----- | 1.6 | .2 | .2 | .1 | .5 | 5.5 |
| \$ 2.00 and under \$ 2.10 ----- | 5.1 | .1 | 4.7 | .4 | 8.0 | 10.2 |
| \$ 2.10 and under \$ 2.20 ----- | 3.0 | (4) | - | - | 4.4 | 9.0 |
| \$ 2.20 and under \$ 2.30 ----- | 4.9 | .2 | 1.4 | - | 8.1 | 9.7 |
| \$ 2.30 and under \$ 2.40 ----- | 2.3 | - | .7 | .9 | 1.6 | 6.9 |
| \$ 2.40 and under \$ 2.50 ----- | 1.5 | - | .6 | .8 | .9 | 4.3 |
| \$ 2.50 and under \$ 2.60 ----- | 3.6 | .2 | 6.0 | 1.2 | 5.3 | 3.8 |
| \$ 2.60 and under \$ 2.70 ----- | 2.2 | .2 | .8 | .5 | 3.4 | 2.8 |
| \$ 2.70 and under \$ 2.80 ----- | 5.0 | 3.9 | 4.4 | .3 | 4.2 | 5.7 |
| \$ 2.80 and under \$ 2.90 ----- | 1.0 | - | .9 | .1 | .8 | 2.4 |
| \$ 2.90 and under \$ 3.00 ----- | 1.0 | - | 1.4 | 1.6 | .7 | 2.0 |
| \$ 3.00 and under \$ 3.10 ----- | 3.1 | .8 | 6.3 | .5 | 4.6 | .1 |
| \$ 3.10 and under \$ 3.20 ----- | 1.3 | - | 2.7 | 3.1 | 2.8 | 1.2 |
| \$ 3.20 and under \$ 3.30 ----- | 1.8 | - | 1.9 | 2.6 | 1.5 | 1.9 |
| \$ 3.30 and under \$ 3.40 ----- | .5 | - | .8 | .1 | .7 | .1 |
| \$ 3.40 and under \$ 3.50 ----- | 1.8 | - | 7.2 | 9.7 | - | .2 |
| \$ 3.50 and under \$ 3.60 ----- | 3.5 | .8 | 9.2 | 12.4 | 1.7 | .1 |
| \$ 3.60 and under \$ 3.70 ----- | 4.5 | - | 12.3 | 16.5 | 5.0 | 1.2 |
| \$ 3.70 and under \$ 3.80 ----- | 12.8 | 32.0 | 17.9 | 24.1 | 4.2 | 1.9 |
| \$ 3.80 and under \$ 3.90 ----- | 9.8 | 12.9 | 2.9 | 3.8 | 18.7 | 1.6 |
| \$ 3.90 and under \$ 4.00 ----- | 9.2 | 29.0 | 7.9 | 10.7 | 3.6 | .8 |
| \$ 4.00 and over ----- | 10.2 | 19.2 | 7.3 | 9.8 | 8.9 | 3.4 |
| Total ----- | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of workers ----- | 14,866 | 2,633 | 2,064 | 1,533 | 2,761 | 3,451 |
| Average hourly earnings ¹ ----- | \$ 3.14 | \$ 3.83 | \$ 3.35 | \$ 3.63 | \$ 3.01 | \$ 2.33 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Includes data for both East and West Kentucky.

⁴ Less than 0.05 percent.

⁵ Workers were distributed as follows: 8.7 percent at \$4 to \$4.10; 0.7 at \$4.10 to \$4.20; 9.2 at \$4.20 to \$4.30; 0.5 at \$4.40 to \$4.50; and 0.1 at \$4.50 and over.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 38. Surface Mines: Weekly Earnings Distribution

(Percent distribution of production workers
by average straight-time weekly earnings,¹
United States and selected States, January 1967)

| Average weekly earnings ¹ | United States ² | Illinois | Kentucky | | Ohio | Pennsylvania |
|--|----------------------------|----------|--------------------|----------|----------|--------------|
| | | | Total ³ | West | | |
| Under \$ 75 ----- | 5.5 | 1.3 | 4.2 | 2.0 | 7.6 | 8.1 |
| \$ 75 and under \$ 80 ----- | 1.0 | .2 | .1 | .1 | 1.6 | 1.5 |
| \$ 80 and under \$ 85 ----- | 1.6 | .3 | 1.9 | .3 | 2.1 | 2.5 |
| \$ 85 and under \$ 90 ----- | 2.6 | .3 | 1.0 | .3 | 1.6 | 6.1 |
| \$ 90 and under \$ 95 ----- | 3.0 | .3 | 2.3 | .5 | .7 | 7.9 |
| \$ 95 and under \$ 100 ----- | 3.4 | .1 | 2.0 | 1.2 | 4.0 | 8.3 |
| \$ 100 and under \$ 105 ----- | 3.1 | .3 | 1.6 | 1.7 | 4.7 | 4.8 |
| \$ 105 and under \$ 110 ----- | 3.4 | 1.6 | .7 | .3 | 4.6 | 7.0 |
| \$ 110 and under \$ 115 ----- | 3.4 | 1.3 | 2.7 | .8 | 5.2 | 5.6 |
| \$ 115 and under \$ 120 ----- | 3.5 | 2.5 | 1.5 | .8 | 2.7 | 6.3 |
| \$ 120 and under \$ 125 ----- | 3.7 | 2.4 | 3.4 | 2.2 | 3.8 | 4.8 |
| \$ 125 and under \$ 130 ----- | 3.3 | 1.9 | 2.8 | 2.4 | 3.9 | 3.2 |
| \$ 130 and under \$ 135 ----- | 5.1 | 3.3 | 3.5 | 2.5 | 3.3 | 7.9 |
| \$ 135 and under \$ 140 ----- | 4.5 | 3.9 | 3.1 | 2.1 | 6.4 | 4.8 |
| \$ 140 and under \$ 145 ----- | 4.7 | 3.0 | 3.9 | 3.6 | 5.8 | 4.3 |
| \$ 145 and under \$ 150 ----- | 3.5 | 2.6 | 3.3 | 3.3 | 4.3 | 4.6 |
| \$ 150 and under \$ 155 ----- | 3.9 | 3.1 | 3.3 | 3.4 | 5.8 | 2.2 |
| \$ 155 and under \$ 160 ----- | 3.9 | 2.8 | 5.0 | 4.9 | 5.2 | 2.7 |
| \$ 160 and under \$ 165 ----- | 3.9 | 3.7 | 4.7 | 6.1 | 4.9 | 2.2 |
| \$ 165 and under \$ 170 ----- | 3.3 | 3.4 | 5.7 | 6.0 | 3.8 | 1.0 |
| \$ 170 and under \$ 175 ----- | 3.7 | 4.6 | 6.6 | 7.2 | 2.7 | 1.0 |
| \$ 175 and under \$ 180 ----- | 2.6 | 2.0 | 3.5 | 4.7 | 2.5 | 1.0 |
| \$ 180 and under \$ 185 ----- | 3.3 | 4.7 | 5.1 | 6.4 | 2.2 | .4 |
| \$ 185 and under \$ 190 ----- | 3.5 | 6.2 | 3.1 | 4.1 | 2.1 | .7 |
| \$ 190 and under \$ 195 ----- | 2.6 | 4.4 | 2.6 | 3.5 | 1.9 | .4 |
| \$ 195 and under \$ 200 ----- | 1.1 | 3.2 | 1.6 | 2.1 | .5 | .1 |
| \$ 200 and under \$ 210 ----- | 3.0 | 5.8 | 4.7 | 6.3 | 1.4 | - |
| \$ 210 and under \$ 220 ----- | 3.6 | 12.1 | 5.2 | 7.0 | .7 | .4 |
| \$ 220 and under \$ 230 ----- | 2.6 | 7.3 | 3.3 | 4.4 | 2.4 | .2 |
| \$ 230 and under \$ 240 ----- | 1.6 | 6.7 | 2.0 | 2.7 | .3 | - |
| \$ 240 and under \$ 250 ----- | 1.0 | 2.1 | 3.1 | 3.9 | .3 | - |
| \$ 250 and over ----- | 1.1 | 2.7 | 2.5 | 3.3 | 1.4 | - |
| Total ----- | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of workers ----- | 14,866 | 2,633 | 2,064 | 1,533 | 2,761 | 3,451 |
| Average weekly hours ⁴ ----- | 47.0 | 47.0 | 47.5 | 48.0 | 46.5 | 50.5 |
| Average weekly earnings ^{1 4} ----- | \$147.00 | \$180.00 | \$160.00 | \$174.50 | \$139.50 | \$117.50 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Includes data for both East and West Kentucky.

⁴ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 39. Surface Mines: Weekly Earnings Distribution by Hours Worked

(Percent distribution of production workers by average straight-time weekly earnings¹ and weekly hours worked, United States and selected States, January 1967)

| Average weekly earnings ¹ | United States ² | | Illinois | | Kentucky | | | | Ohio | | Pennsylvania | |
|--|----------------------------|------------------|----------------|------------------|--------------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|
| | | | | | Total ³ | | West | | | | | |
| | Employees working— | | | | | | | | | | | |
| | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more | Under 35 hours | 35 hours or more |
| Under \$25 | 5.1 | - | 0.4 | - | 8.6 | - | 4.6 | - | 5.7 | - | 6.1 | - |
| \$25 and under \$30 | 2.5 | - | 1.4 | - | .5 | - | .9 | - | 2.4 | - | 10.1 | - |
| \$30 and under \$35 | 2.6 | - | 4.3 | - | 3.0 | - | 1.9 | - | - | - | 4.0 | - |
| \$35 and under \$40 | 1.8 | - | .4 | - | .5 | - | .9 | - | - | - | 6.1 | - |
| \$40 and under \$45 | 5.3 | 0.1 | .7 | - | 4.0 | - | 3.7 | - | 8.5 | - | 18.2 | - |
| \$45 and under \$50 | 3.0 | - | - | - | 5.1 | - | 1.9 | - | 7.1 | - | - | - |
| \$50 and under \$55 | 4.1 | .1 | - | 0.2 | 4.5 | - | .9 | - | 2.8 | 0.1 | 15.2 | 0.1 |
| \$55 and under \$60 | 5.7 | (*) | 1.1 | - | 5.1 | 0.2 | 1.9 | 0.2 | 9.5 | - | 11.1 | - |
| \$60 and under \$65 | 5.5 | .4 | - | (*) | 7.1 | - | 5.6 | - | 19.0 | .5 | - | .8 |
| \$65 and under \$70 | 2.2 | .7 | .4 | (*) | .5 | - | .9 | - | 3.3 | .2 | 9.1 | 2.1 |
| \$70 and under \$75 | 1.2 | 1.5 | .7 | (*) | 1.0 | .2 | 1.9 | - | - | 2.6 | 7.1 | 2.8 |
| \$75 and under \$80 | 1.5 | .9 | 1.4 | - | .5 | .1 | .9 | .1 | - | 1.7 | - | 1.5 |
| \$80 and under \$85 | 3.3 | 1.4 | 2.5 | - | 14.1 | .6 | 3.7 | - | .5 | 2.2 | - | 2.6 |
| \$85 and under \$90 | 5.1 | 2.4 | 2.5 | - | 4.0 | .7 | 1.9 | .1 | 2.4 | 1.5 | - | 6.3 |
| \$90 and under \$95 | 3.0 | 3.0 | 2.5 | (*) | 2.0 | 2.4 | 3.7 | .3 | 2.8 | .5 | 6.1 | 8.0 |
| \$95 and under \$100 | 3.0 | 3.5 | 1.1 | - | 11.6 | 1.0 | 13.9 | .3 | 1.4 | 4.2 | - | 8.6 |
| \$100 and under \$105 | 3.5 | 3.0 | 3.2 | - | 9.1 | .8 | 16.7 | .6 | - | 5.1 | 2.0 | 4.8 |
| \$105 and under \$110 | 4.1 | 3.4 | 5.4 | 1.2 | 1.0 | .6 | 1.9 | .2 | 5.2 | 4.5 | - | 7.2 |
| \$110 and under \$115 | 7.5 | 3.1 | 11.1 | .1 | 3.5 | 2.6 | 6.5 | .4 | 15.2 | 4.4 | 3.0 | 5.6 |
| \$115 and under \$120 | 10.5 | 2.9 | 22.6 | .2 | 2.5 | 1.4 | 4.6 | .6 | 1.9 | 2.7 | 1.0 | 6.5 |
| \$120 and under \$125 | 7.8 | 3.3 | 14.0 | 1.0 | 4.5 | 3.3 | 8.3 | 1.7 | 4.3 | 3.8 | - | 4.9 |
| \$125 and under \$130 | 6.8 | 3.1 | 16.1 | .2 | 4.5 | 2.6 | 8.3 | 2.0 | 1.4 | 4.1 | 1.0 | 3.3 |
| \$130 and under \$135 | 2.5 | 5.3 | 3.6 | 3.3 | .5 | 3.8 | .9 | 2.7 | 2.4 | 3.4 | - | 8.1 |
| \$135 and under \$140 | 1.0 | 4.8 | 4.3 | 3.8 | 2.0 | 3.5 | - | 2.2 | - | 6.9 | - | 5.0 |
| \$140 and under \$145 | .8 | 5.0 | .4 | 3.3 | - | 4.1 | 3.7 | 3.6 | 1.9 | 6.2 | - | 4.4 |
| \$145 and under \$150 | .1 | 3.8 | - | 2.9 | - | 3.7 | - | 3.5 | .5 | 4.6 | - | 4.7 |
| \$150 and under \$155 | .3 | 4.2 | - | 3.5 | - | 3.7 | - | 3.6 | 1.9 | 6.2 | - | 2.2 |
| \$155 and under \$160 | - | 4.2 | - | 3.2 | - | 5.6 | - | 5.3 | - | 5.6 | - | 2.8 |
| \$160 and under \$165 | - | 4.2 | - | 4.1 | - | 5.3 | - | 6.6 | - | 5.3 | - | 2.3 |
| \$165 and under \$170 | - | 3.6 | - | 3.8 | - | 6.3 | - | 6.5 | - | 4.1 | - | 1.1 |
| \$170 and under \$175 | - | 4.0 | - | 5.2 | - | 7.3 | - | 7.7 | - | 2.9 | - | 1.0 |
| \$175 and under \$180 | - | 2.8 | - | 2.3 | - | 3.9 | - | 5.1 | - | 2.7 | - | 1.0 |
| \$180 and under \$185 | - | 3.6 | - | 5.2 | - | 5.7 | - | 6.9 | - | 2.4 | - | .4 |
| \$185 and under \$190 | - | 3.7 | - | 7.0 | - | 3.4 | - | 4.4 | - | 2.2 | - | .7 |
| \$190 and under \$195 | - | 2.8 | - | 4.9 | - | 2.8 | - | 3.7 | - | 2.0 | - | .4 |
| \$195 and under \$200 | - | 1.2 | - | 3.5 | - | 1.7 | - | 2.2 | - | .5 | - | .1 |
| \$200 and under \$210 | - | 3.3 | - | 6.5 | - | 5.1 | - | 6.8 | - | 1.5 | - | - |
| \$210 and under \$220 | - | 3.9 | - | 13.5 | - | 5.8 | - | 7.5 | - | .7 | - | - |
| \$220 and under \$230 | - | 2.8 | - | 8.1 | - | 3.6 | - | 4.8 | - | 2.5 | - | - |
| \$230 and under \$240 | - | 1.7 | - | 7.5 | - | 2.2 | - | 2.9 | - | .3 | - | - |
| \$240 and under \$250 | - | 1.1 | - | 2.3 | - | 3.4 | - | 4.2 | - | .3 | - | - |
| \$250 and over | - | 1.2 | - | 3.0 | - | 2.7 | - | 3.6 | - | 1.5 | - | - |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Number of workers | 1,148 | 13,718 | 279 | 2,354 | 198 | 1,866 | 108 | 1,425 | 211 | 2,550 | 99 | 3,352 |
| Average weekly hours ⁵ | 27.0 | 48.5 | 28.5 | 49.5 | 26.5 | 50.0 | 26.0 | 50.0 | 26.5 | 48.0 | 24.0 | 51.5 |
| Average weekly earnings ^{1 5} | \$85.00 | \$152.00 | \$109.50 | \$189.00 | \$78.50 | \$169.50 | \$92.00 | \$181.00 | \$76.50 | \$145.00 | \$54.00 | \$119.50 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Includes data for both East and West Kentucky.

⁴ Less than 0.05 percent.

⁵ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 40. Surface Mines: Occupational Averages—All Mines

(Number, average weekly hours worked, and average straight-time earnings¹ of production workers in selected occupations, United States and selected States, January 1967)

| Occupation | United States ² | | | Illinois | | | Kentucky | | | | | | Ohio | | | Pennsylvania | | | |
|---|----------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|--------------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|-----------------|---------------------------|------------------------------|
| | Number of workers | Average— | | | | | | Total ³ | | | West | | | | | | | | |
| | | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁴ | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁴ | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁴ | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁴ | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁴ | Hourly earnings | Weekly hours ⁴ | Weekly earnings ⁴ |
| Auger-machine operators----- | 162 | \$3.20 | 43.0 | \$137.00 | - | - | - | \$2.53 | 42.5 | \$107.00 | - | - | - | \$2.68 | 37.5 | \$101.00 | - | - | - |
| Bulldozer operators----- | 1,862 | 3.11 | 46.5 | 145.00 | \$3.62 | 45.5 | \$164.00 | 3.41 | 47.0 | 160.50 | \$3.80 | 47.5 | \$181.50 | 3.05 | 46.5 | 141.50 | \$2.42 | 50.0 | \$121.50 |
| Overburden----- | 815 | 3.00 | 47.5 | 142.00 | 3.44 | 44.0 | 151.50 | 3.12 | 48.0 | 150.00 | 3.77 | 50.5 | 190.50 | 2.76 | 48.5 | 133.50 | 2.26 | 50.5 | 114.00 |
| Other than overburden----- | 126 | 3.25 | 47.5 | 155.00 | 3.84 | 45.0 | 172.00 | 3.50 | 54.5 | 191.00 | 3.78 | 52.5 | 199.00 | 3.23 | 45.5 | 147.00 | 2.15 | 57.0 | 123.00 |
| Combination of overburden and other----- | 921 | 3.19 | 46.0 | 146.50 | 3.78 | 46.5 | 176.00 | 3.73 | 45.0 | 168.00 | 3.81 | 46.0 | 175.00 | 3.19 | 45.5 | 144.50 | 2.55 | 49.5 | 126.00 |
| Drillers, machine----- | 779 | 3.08 | 47.5 | 147.00 | 3.75 | 51.5 | 192.50 | 3.28 | 47.5 | 156.50 | 3.50 | 47.5 | 165.50 | 2.86 | 49.0 | 140.50 | 2.36 | 47.5 | 111.50 |
| Coal----- | 50 | 3.22 | 43.5 | 140.50 | 3.85 | 41.0 | 158.00 | - | - | - | - | - | - | - | - | - | - | - | - |
| Overburden----- | 586 | 3.06 | 48.5 | 148.00 | 3.72 | 54.5 | 202.00 | 3.28 | 48.5 | 159.00 | 3.50 | 47.5 | 165.50 | 2.89 | 49.5 | 143.00 | 2.33 | 47.0 | 109.50 |
| Other (including combination of coal and overburden)----- | 143 | 3.10 | 46.5 | 143.50 | - | - | - | - | - | - | - | - | - | - | - | - | 2.55 | 48.5 | 123.00 |
| Electricians, maintenance----- | 197 | 3.87 | 50.5 | 194.50 | 3.93 | 52.5 | 206.00 | 3.71 | 52.0 | 193.50 | 3.71 | 52.0 | 193.50 | 3.85 | 49.0 | 189.00 | - | - | - |
| Groundmen----- | 432 | 3.08 | 49.0 | 151.50 | 3.88 | 51.5 | 199.00 | 3.43 | 54.5 | 186.00 | 3.43 | 54.5 | 186.00 | 2.41 | 47.5 | 114.00 | 2.13 | 49.0 | 104.00 |
| Mechanists, maintenance----- | 56 | 3.68 | 49.0 | 180.50 | 3.93 | 53.5 | 210.50 | 3.75 | 49.5 | 185.00 | 3.75 | 49.5 | 185.00 | 3.32 | 45.0 | 149.50 | - | - | - |
| Mechanics, maintenance----- | 703 | 3.49 | 46.5 | 162.50 | 3.88 | 49.0 | 189.50 | 3.50 | 50.0 | 175.50 | 3.63 | 50.0 | 182.00 | 3.38 | 45.5 | 153.50 | 2.77 | 51.5 | 143.00 |
| Mechanics' helpers, maintenance----- | 89 | 3.24 | 49.0 | 158.50 | 3.76 | 52.0 | 195.50 | 2.69 | 53.0 | 142.50 | - | - | - | 3.12 | 44.5 | 139.50 | 2.97 | 51.0 | 152.00 |
| Oilers and greasers----- | 1,652 | 2.76 | 49.5 | 137.00 | 3.99 | 50.5 | 202.00 | 3.49 | 50.0 | 174.00 | 3.63 | 49.5 | 179.00 | 2.55 | 49.5 | 125.50 | 2.00 | 52.5 | 105.00 |
| Power-shovel operators----- | 2,439 | 3.38 | 49.0 | 165.50 | 4.15 | 47.5 | 197.50 | 3.69 | 50.0 | 184.00 | 4.18 | 52.0 | 217.00 | 3.30 | 49.5 | 163.50 | 2.79 | 52.0 | 145.00 |
| Coal----- | 646 | 3.51 | 46.5 | 163.50 | 4.02 | 49.0 | 196.50 | 3.46 | 47.5 | 163.50 | 4.17 | 49.5 | 205.50 | 3.52 | 44.0 | 155.50 | 2.84 | 50.0 | 142.50 |
| Overburden----- | 1,499 | 3.36 | 50.5 | 170.00 | 4.20 | 47.0 | 197.50 | 4.03 | 53.5 | 215.00 | 4.17 | 53.0 | 221.50 | 3.28 | 51.5 | 168.50 | 2.72 | 53.0 | 144.50 |
| Other (including combination of coal and overburden)----- | 294 | 3.24 | 45.5 | 148.00 | - | - | - | 3.26 | 46.0 | 150.00 | 4.31 | 53.5 | 230.00 | 3.00 | 49.5 | 148.50 | 3.03 | 49.0 | 148.50 |
| Pumpmen----- | 108 | 3.53 | 47.0 | 165.50 | 3.78 | 51.0 | 192.00 | 3.30 | 43.5 | 144.00 | 3.30 | 43.5 | 144.00 | 3.62 | 38.0 | 137.00 | - | - | - |
| Shot firers----- | 226 | 3.42 | 47.5 | 162.00 | 3.79 | 52.0 | 197.00 | 3.00 | 52.0 | 155.50 | 3.36 | 46.5 | 156.00 | 3.33 | 44.0 | 146.50 | 2.78 | 49.0 | 135.50 |
| Slate pickers----- | 309 | 2.13 | 43.0 | 91.50 | - | - | - | - | - | - | - | - | - | 2.17 | 41.0 | 88.50 | 2.04 | 44.5 | 91.50 |
| Tippie operators----- | 379 | 2.96 | 42.5 | 126.50 | 3.72 | 42.5 | 157.50 | 2.82 | 45.5 | 128.50 | 3.38 | 42.5 | 144.50 | 2.95 | 38.0 | 112.00 | 2.00 | 48.5 | 97.50 |
| Truckdrivers----- | 1,695 | 3.22 | 43.0 | 139.00 | 3.91 | 43.0 | 168.50 | 3.55 | 43.5 | 155.00 | 3.58 | 44.0 | 158.00 | 3.05 | 43.0 | 131.00 | 1.90 | 52.0 | 99.00 |
| Trailer type----- | 871 | 3.71 | 42.0 | 156.00 | 3.93 | 42.5 | 167.50 | 3.64 | 44.0 | 160.00 | 3.64 | 44.0 | 160.00 | 3.78 | 40.0 | 151.50 | - | - | - |
| Other than trailer type----- | 824 | 2.71 | 44.5 | 120.00 | 3.81 | 46.0 | 174.50 | 3.13 | 42.5 | 132.50 | 3.27 | 45.0 | 147.00 | 2.31 | 45.5 | 105.50 | 1.89 | 52.5 | 99.00 |
| Welders, maintenance----- | 755 | 3.58 | 47.5 | 170.50 | 3.93 | 48.5 | 190.00 | 3.60 | 50.5 | 181.00 | 3.70 | 51.5 | 190.00 | 3.45 | 46.5 | 160.00 | 2.47 | 49.0 | 121.00 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes data for States in addition to those shown separately.

³ Includes data for both East and West Kentucky.

⁴ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 41. Surface Mines: Occupational Averages—By Size of Mine

(Number, average weekly hours worked, and average straight-time earnings¹ of production workers in selected occupations, United States and selected States, January 1967)

| Occupation | United States ² | | | | | | | | Illinois | | | |
|---|----------------------------|---------------------------|------------------------------|-----------------|--------------------|---------------------------|------------------------------|-----------------|--------------------|---------------------------|------------------------------|----------|
| | Establishments having— | | | | | | | | | | | |
| | 10-49 workers | | | | 50 workers or more | | | | 50 workers or more | | | |
| | Number of workers | Average— | | | Number of workers | Average— | | | Number of workers | Average— | | |
| Hourly earnings | | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | | Weekly hours ³ | Weekly earnings ³ | Hourly earnings | | Weekly hours ³ | Weekly earnings ³ | |
| Bulldozer operators ⁴ ----- | 1,141 | \$2.87 | 47.0 | \$135.50 | 721 | \$3.50 | 46.0 | \$160.50 | 154 | \$3.78 | 46.0 | \$173.00 |
| Overburden----- | 615 | 2.98 | 47.5 | 141.00 | 200 | 3.07 | 47.5 | 145.00 | 54 | 3.79 | 44.5 | 168.50 |
| Combination of overburden and other----- | 469 | 2.72 | 47.0 | 127.50 | 452 | 3.68 | 45.0 | 166.00 | 91 | 3.78 | 46.5 | 176.00 |
| Drillers, machine ⁴ ----- | 435 | 2.74 | 48.0 | 131.50 | 344 | 3.51 | 47.5 | 166.50 | 96 | 3.85 | 51.5 | 198.50 |
| Overburden----- | 303 | 2.60 | 49.0 | 127.00 | 283 | 3.56 | 48.0 | 170.50 | 72 | 3.86 | 55.0 | 213.00 |
| Electricians, maintenance----- | - | - | - | - | 194 | 3.87 | 50.5 | 195.00 | 86 | 3.93 | 52.5 | 206.00 |
| Groundmen----- | 135 | 2.29 | 48.0 | 109.50 | 297 | 3.44 | 49.5 | 171.00 | 129 | 3.88 | 51.5 | 199.00 |
| Mechanics, maintenance----- | 245 | 3.15 | 47.5 | 149.00 | 458 | 3.68 | 46.5 | 170.00 | 98 | 3.94 | 49.0 | 193.00 |
| Oilers and greasers----- | 877 | 2.20 | 50.0 | 110.50 | 775 | 3.40 | 49.0 | 166.50 | 184 | 4.02 | 50.5 | 204.00 |
| Power-shovel operators ⁴ ----- | 1,454 | 3.02 | 49.0 | 148.00 | 985 | 3.92 | 49.0 | 191.50 | 242 | 4.28 | 48.0 | 205.50 |
| Coal----- | 377 | 3.14 | 46.0 | 144.00 | 269 | 4.02 | 47.5 | 190.50 | 53 | 4.28 | 51.5 | 220.00 |
| Overburden----- | 819 | 2.90 | 52.0 | 150.00 | 680 | 3.90 | 49.0 | 192.00 | 189 | 4.28 | 47.0 | 201.50 |
| Shot firers----- | 66 | 2.73 | 49.0 | 134.00 | 160 | 3.71 | 46.5 | 173.00 | 55 | 3.88 | 52.5 | 203.00 |
| Slate pickers----- | 204 | 2.08 | 44.0 | 91.50 | 105 | 2.22 | 41.0 | 91.00 | - | - | - | - |
| Tipple operators----- | 227 | 2.63 | 42.0 | 110.50 | 152 | 3.47 | 44.0 | 152.50 | 66 | 3.79 | 41.5 | 157.00 |
| Truckdrivers----- | 612 | 2.67 | 43.5 | 115.50 | 1,083 | 3.54 | 43.0 | 152.50 | 367 | 3.91 | 43.0 | 168.50 |
| Trailer type----- | 83 | 3.09 | 39.5 | 122.50 | 788 | 3.77 | 42.5 | 159.50 | 309 | 3.93 | 42.5 | 167.50 |
| Other than trailer type----- | 529 | 2.61 | 44.0 | 114.50 | 295 | 2.90 | 45.0 | 131.00 | 58 | 3.81 | 46.0 | 174.50 |
| Welders, maintenance----- | 167 | 3.01 | 47.0 | 141.00 | 588 | 3.75 | 48.0 | 179.50 | 228 | 3.93 | 48.5 | 190.00 |
| | Kentucky ⁵ | | | | Ohio | | | | Pennsylvania | | | |
| | Establishments having— | | | | | | | | | | | |
| | 50 workers or more | | | | 10-49 workers | | | | 10-49 workers | | | |
| Bulldozer operators ⁴ ----- | 143 | \$3.79 | 48.0 | \$181.50 | 175 | \$2.52 | 51.5 | \$129.50 | 428 | \$2.36 | 50.0 | \$118.50 |
| Overburden----- | 18 | 3.63 | 57.0 | 206.50 | 75 | 2.49 | 52.0 | 130.00 | 165 | 2.31 | 51.0 | 117.50 |
| Combination of overburden and other----- | 114 | 3.82 | 46.0 | 176.00 | 76 | 2.47 | 51.5 | 127.50 | 250 | 2.42 | 49.5 | 119.50 |
| Drillers, machine ⁴ ----- | 76 | 3.54 | 48.0 | 170.50 | 63 | 2.27 | 56.0 | 127.00 | 85 | 2.05 | 47.5 | 97.50 |
| Overburden----- | 76 | 3.54 | 48.0 | 170.50 | 56 | 2.27 | 57.0 | 130.00 | 85 | 2.05 | 47.5 | 97.50 |
| Electricians, maintenance----- | 41 | 3.71 | 52.0 | 193.50 | - | - | - | - | - | - | - | - |
| Groundmen----- | 40 | 3.43 | 54.5 | 186.00 | 42 | 1.94 | 47.5 | 92.50 | 59 | 1.74 | 53.5 | 93.00 |
| Mechanics, maintenance----- | 87 | 3.64 | 49.5 | 179.50 | 65 | 2.50 | 55.0 | 138.00 | 16 | 2.71 | 50.5 | 137.00 |
| Oilers and greasers----- | 125 | 3.62 | 49.5 | 178.50 | 258 | 2.09 | 50.5 | 106.00 | 357 | 1.84 | 54.0 | 99.00 |
| Power-shovel operators ⁴ ----- | 162 | 4.20 | 53.0 | 222.50 | 356 | 2.87 | 51.5 | 148.50 | 544 | 2.69 | 53.0 | 142.00 |
| Coal----- | 51 | 4.21 | 50.0 | 211.00 | 57 | 2.63 | 49.5 | 129.50 | 114 | 2.82 | 50.5 | 142.50 |
| Overburden----- | 102 | 4.19 | 54.5 | 228.00 | 240 | 2.89 | 53.0 | 152.50 | 346 | 2.55 | 55.0 | 140.00 |
| Shot firers----- | 19 | 3.36 | 46.5 | 156.00 | 16 | 2.39 | 47.5 | 113.00 | - | - | - | - |
| Slate pickers----- | - | - | - | - | 72 | 1.96 | 46.0 | 90.00 | 116 | 2.06 | 43.5 | 89.50 |
| Tipple operators----- | 28 | 3.49 | 44.0 | 153.50 | - | - | - | - | 36 | 1.88 | 47.5 | 89.00 |
| Truckdrivers----- | 214 | 3.56 | 45.0 | 159.50 | 115 | 2.17 | 50.0 | 109.00 | 98 | 1.79 | 52.0 | 93.00 |
| Trailer type----- | 172 | 3.63 | 44.5 | 162.50 | - | - | - | - | - | - | - | - |
| Other than trailer type----- | 42 | 3.27 | 45.0 | 147.00 | 109 | 2.18 | 50.0 | 109.00 | 98 | 1.79 | 52.0 | 93.00 |
| Welders, maintenance----- | 117 | 3.69 | 51.0 | 187.50 | 38 | 2.77 | 52.5 | 146.00 | 49 | 2.38 | 45.0 | 107.50 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Includes data for States in addition to those shown separately.³ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.⁴ Includes workers in classification(s) in addition to those shown separately.⁵ All mines with 100 workers or more were located in West Kentucky.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 43. Surface Mines: Occupational Averages (Hourly)—United States

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--|
| | | | Under \$1.50 | \$1.50 and under | \$1.60 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.20 | \$3.40 | \$3.60 | \$3.80 | \$4.00 | \$4.20 | \$4.40 | \$4.60 | |
| | | | | \$1.60 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.20 | \$3.40 | \$3.60 | \$3.80 | \$4.00 | \$4.20 | \$4.40 | \$4.60 | and over | |
| Auger-machine operators ---- | 162 | \$3.20 | - | - | - | - | - | - | 25 | - | 4 | - | - | 10 | - | 13 | 4 | - | 16 | 6 | 17 | - | 67 | - | - | - | - | |
| Bulldozer operators ---- | 1,862 | 3.11 | - | - | 12 | 9 | 51 | 63 | 87 | 41 | 160 | 66 | 60 | 76 | 66 | 108 | 8 | 9 | 103 | 59 | 14 | 381 | 354 | 99 | 36 | - | - | |
| Overburden ---- | 815 | 3.00 | - | - | - | - | 18 | 7 | 63 | 40 | 84 | 29 | 22 | 18 | 33 | 85 | 3 | 6 | 63 | 53 | - | 152 | 82 | 36 | 21 | - | - | |
| Other than overburden ---- | 126 | 3.25 | - | - | - | - | - | 9 | 8 | 1 | 3 | 4 | 9 | 3 | - | 4 | - | - | 18 | - | - | 17 | 34 | 7 | 9 | - | - | |
| Combination of overburden and other ---- | 921 | 3.19 | - | - | 12 | 9 | 33 | 47 | 16 | - | 73 | 33 | 29 | 55 | 33 | 19 | 5 | 3 | 22 | 6 | 14 | 212 | 238 | 56 | 6 | - | - | |
| Drillers, machine ---- | 779 | 3.08 | - | 6 | 9 | 22 | 11 | 17 | 22 | 27 | 50 | 16 | 21 | 51 | 24 | 58 | 3 | 8 | 47 | 14 | 64 | 67 | 242 | - | - | - | - | |
| Coal ---- | 50 | 3.22 | - | - | - | - | 10 | - | - | - | - | - | - | - | 6 | 4 | - | - | - | - | 1 | - | 29 | - | - | - | - | |
| Overburden ---- | 586 | 3.06 | - | 6 | 9 | 22 | 1 | 17 | 18 | 27 | 31 | 10 | 21 | 38 | 18 | 32 | 3 | 8 | 29 | 6 | 63 | 58 | 169 | - | - | - | - | |
| Other (including combination of coal and overburden) ---- | 143 | 3.10 | - | - | - | - | - | - | 4 | - | 19 | 6 | - | 13 | - | 22 | - | - | 18 | 8 | - | 9 | 44 | - | - | - | - | |
| Electricians, maintenance ---- | 197 | 3.87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 2 | 53 | 130 | 8 | 3 | - | - | |
| Groundmen ---- | 432 | 3.08 | - | 25 | 4 | 36 | 16 | - | 20 | 48 | 6 | 3 | 7 | - | - | - | - | - | 7 | 2 | 14 | 50 | 190 | 4 | - | - | - | |
| Machinists, maintenance ---- | 56 | 3.68 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | 2 | 3 | 3 | - | - | 18 | 28 | - | - | - | - | |
| Mechanics, maintenance ---- | 703 | 3.49 | - | - | - | 7 | 9 | - | 13 | 17 | 13 | 2 | 4 | 31 | 12 | 26 | 2 | 7 | 37 | 23 | 6 | 183 | 259 | 19 | 32 | 1 | - | |
| Mechanics' helpers, maintenance ---- | 89 | 3.24 | - | - | - | - | 2 | - | 3 | 3 | 2 | 6 | 9 | 2 | - | - | - | 4 | - | - | 2 | 51 | 5 | - | - | - | - | |
| Oilers and greasers ---- | 1,652 | 2.76 | 44 | 37 | 89 | 119 | 103 | 56 | 138 | 83 | 122 | 22 | 6 | 83 | 28 | 70 | - | - | 24 | 3 | 37 | 98 | 199 | 282 | 9 | - | - | |
| Power-shovel operators ---- | 2,439 | 3.38 | - | - | - | - | 39 | 20 | 6 | 22 | 56 | 131 | 66 | 158 | 84 | 254 | 93 | 60 | 291 | 114 | 73 | 17 | 44 | 61 | 567 | 96 | 187 | |
| Coal ---- | 646 | 3.51 | - | - | - | - | 9 | 10 | 6 | 8 | 22 | 30 | 20 | 66 | 28 | 34 | 3 | 4 | 43 | 16 | 23 | 4 | 1 | 16 | 209 | 35 | 59 | |
| Overburden ---- | 1,499 | 3.36 | - | - | - | - | 30 | 10 | - | 12 | 34 | 84 | 41 | 92 | 51 | 170 | 81 | 38 | 174 | 79 | 34 | 8 | 11 | 39 | 343 | 59 | 109 | |
| Other (including combination of coal and overburden) ---- | 294 | 3.24 | - | - | - | - | - | - | 2 | - | 17 | 5 | - | 5 | 50 | 9 | 18 | 74 | 19 | 16 | 5 | 32 | 6 | 15 | 2 | 19 | | |
| Pumpmen ---- | 108 | 3.53 | - | - | - | - | 6 | 3 | - | - | - | 1 | 1 | - | - | - | - | 2 | 2 | 9 | 82 | 2 | - | - | - | - | - | |
| Shot firers ---- | 226 | 3.42 | - | - | - | - | 6 | 3 | - | 6 | 23 | - | 4 | - | 3 | 13 | - | - | 9 | - | 3 | 46 | 107 | 3 | - | - | - | |
| Slate pickers ---- | 309 | 2.13 | 6 | - | 16 | 20 | 40 | 26 | 60 | 55 | 52 | 6 | - | - | - | - | - | - | - | - | 10 | 3 | 6 | - | - | - | - | |
| Tipple operators ---- | 379 | 2.96 | - | - | 17 | 10 | 6 | 11 | 38 | 1 | 40 | 2 | 6 | 6 | 10 | 16 | 5 | - | 18 | 35 | 48 | 71 | 24 | 6 | 9 | - | - | |
| Truckdrivers ---- | 1,695 | 3.22 | 15 | 38 | 45 | 66 | 44 | 15 | 122 | 19 | 43 | 11 | 1 | 26 | 39 | 27 | 9 | 16 | 16 | 1 | 146 | 389 | 595 | 12 | - | - | - | |
| Trailer type ---- | 871 | 3.71 | - | 11 | - | 6 | 3 | 3 | 13 | 2 | 1 | 11 | 1 | 5 | - | - | - | - | - | - | 28 | 228 | 547 | 12 | - | - | - | |
| Other than trailer type ---- | 824 | 2.71 | 15 | 27 | 45 | 60 | 41 | 12 | 109 | 17 | 42 | - | - | 21 | 39 | 27 | 9 | 16 | 16 | 1 | 118 | 161 | 48 | - | - | - | - | |
| Welders, maintenance ---- | 755 | 3.58 | - | - | - | - | 3 | - | 12 | 7 | 25 | 21 | 8 | 33 | 2 | 27 | - | 7 | 12 | 10 | 20 | 149 | 358 | 29 | 32 | - | - | |

¹ Excludes premium pay for overtime and for work on weekends, holidays and late shifts.

Table 44. Surface Mines: Occupational Averages (Hourly)—Illinois

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | |
|--|-------------------|--------------------------------------|---|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | | Under \$3.50 | \$3.50 and under \$3.60 | \$3.60 - \$3.70 | \$3.70 - \$3.80 | \$3.80 - \$3.90 | \$3.90 - \$4.00 | \$4.00 - \$4.10 | \$4.10 - \$4.20 | \$4.20 - \$4.30 | \$4.30 - \$4.40 | \$4.40 - \$4.50 | \$4.50 and over |
| Bulldozer operators..... | 189 | \$3.62 | 2 35 | - | - | 150 | - | - | - | 4 | - | - | - | - |
| Overburden..... | 89 | 3.44 | 2 35 | - | - | 52 | - | - | - | 2 | - | - | - | - |
| Other than overburden..... | 9 | 3.84 | - | - | - | 7 | - | - | - | 2 | - | - | - | - |
| Combination of overburden and other..... | 91 | 3.78 | - | - | - | 91 | - | - | - | - | - | - | - | - |
| Drillers, machine..... | 106 | 3.75 | 3 10 | - | - | - | 93 | 3 | - | - | - | - | - | - |
| Coal..... | 24 | 3.85 | - | - | - | - | 24 | - | - | - | - | - | - | - |
| Overburden..... | 82 | 3.72 | 3 10 | - | - | - | 69 | 3 | - | - | - | - | - | - |
| Electricians, maintenance..... | 86 | 3.93 | - | - | - | - | - | 84 | 2 | - | - | - | - | - |
| Groundmen..... | 129 | 3.88 | - | - | - | - | 127 | - | 2 | - | - | - | - | - |
| Machinists, maintenance..... | 19 | 3.93 | - | - | - | - | - | 19 | - | - | - | - | - | - |
| Mechanics, maintenance..... | 103 | 3.88 | 5 | - | - | - | - | 90 | 8 | - | - | - | - | - |
| Mechanics' helpers, maintenance..... | 23 | 3.76 | - | - | - | 22 | 1 | - | - | - | - | - | - | - |
| Oilers and greasers..... | 189 | 3.99 | 5 | - | - | 7 | - | - | - | 173 | 4 | - | - | - |
| Power-shovel operators..... | 272 | 4.15 | 15 | 15 | - | - | - | - | - | - | - | 226 | - | 13 |
| Coal..... | 73 | 4.02 | 5 | 15 | - | - | - | - | - | - | - | 49 | - | 4 |
| Overburden..... | 199 | 4.20 | 10 | - | - | - | - | - | - | - | - | 177 | - | 9 |
| Pumpmen..... | 57 | 3.78 | - | - | - | 55 | - | 2 | - | - | - | - | - | - |
| Shot firers..... | 60 | 3.79 | 5 | - | - | - | 52 | - | - | 3 | - | - | - | - |
| Tipple operators..... | 71 | 3.72 | 5 | - | - | 51 | 6 | 3 | 6 | - | - | - | - | - |
| Truckdrivers..... | 367 | 3.91 | - | 2 | - | 35 | 8 | 310 | 12 | - | - | - | - | - |
| Trailer type..... | 309 | 3.93 | - | - | - | - | - | 297 | 12 | - | - | - | - | - |
| Other than trailer type..... | 58 | 3.81 | - | 2 | - | 35 | 8 | 13 | - | - | - | - | - | - |
| Welders, maintenance..... | 228 | 3.93 | - | - | - | - | - | 218 | - | 10 | - | - | - | - |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
² Workers were distributed as follows: 15 at \$2.70 to \$2.80; and 20 at \$3 to \$3.10.
³ All workers were at \$2.70 to \$2.80.

Table 45. Surface Mines: Occupational Averages (Hourly)—Kentucky

(Number and average straight-time hourly earnings ¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|-----|---|---|
| | | | Under \$2.00 | \$2.00 and under \$2.10 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 | \$4.00 | \$4.10 | \$4.20 | \$4.30 | \$4.40 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Auger-machine operators | 44 | \$2.53 | - | 16 | - | - | - | - | 8 | - | - | 4 | - | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| Bulldozer operators | 291 | 3.41 | - | - | - | 8 | - | 26 | - | 44 | 2 | - | 30 | - | 8 | - | - | - | 14 | 16 | 15 | - | 128 | - | - | - | - | - | - | | | |
| Overburden | 148 | 3.12 | - | - | - | 8 | - | - | 18 | - | 38 | - | - | 28 | - | 8 | - | - | - | 12 | - | - | 36 | - | - | - | - | - | - | | | |
| Other than overburden | 15 | 3.50 | - | - | - | - | - | - | - | - | 4 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| Combination of overburden and other | 128 | 3.73 | - | - | - | - | - | 8 | - | 2 | 2 | - | - | - | - | - | - | - | 14 | 4 | 15 | - | 83 | - | - | - | - | - | - | | | |
| Drillers, machine ² | 132 | 3.28 | - | - | - | - | - | 23 | - | 10 | - | 4 | - | 16 | - | 8 | - | - | 25 | - | 46 | - | - | - | - | - | - | - | - | - | | |
| Overburden | 124 | 3.28 | - | - | - | - | - | 23 | - | 10 | - | 4 | - | 16 | - | - | - | - | 25 | - | 46 | - | - | - | - | - | - | - | - | - | | |
| Electricians, maintenance | 41 | 3.71 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 2 | - | - | 38 | - | - | - | - | - | - | - | - | - | | |
| Groundmen | 40 | 3.43 | - | - | - | 3 | 7 | - | - | - | - | - | 2 | 2 | 2 | - | - | - | - | - | - | - | 24 | - | - | - | - | - | - | - | | |
| Machinists, maintenance | 10 | 3.75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | - | - | - | - | - | - | - | - | - | - | |
| Mechanics, maintenance | 122 | 3.50 | - | - | - | - | - | 8 | - | 1 | - | 1 | 11 | 6 | 12 | - | - | 2 | - | 81 | - | - | - | - | - | - | - | - | - | - | - | |
| Mechanics' helpers, maintenance | 11 | 2.69 | - | 3 | - | - | - | 2 | - | - | - | 4 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Oilers and greasers | 141 | 3.49 | - | 9 | - | 3 | 10 | 1 | - | - | - | - | 2 | 2 | - | - | - | 6 | 4 | 1 | 48 | 55 | - | - | - | - | - | - | - | - | - | - |
| Power-shovel operators | 295 | 3.69 | - | - | - | - | - | 35 | - | 2 | - | - | 62 | 8 | 12 | - | - | 14 | 12 | - | - | - | - | - | - | - | - | - | 47 | 103 | | |
| Coal | 114 | 3.46 | - | - | - | - | - | 35 | - | - | - | - | 12 | 8 | 5 | - | - | 2 | 4 | - | - | - | - | - | - | - | - | 20 | 28 | | | |
| Overburden | 136 | 4.03 | - | - | - | - | - | - | - | 2 | - | - | 14 | - | 7 | - | - | 12 | 8 | - | - | - | - | - | - | - | - | 21 | 72 | | | |
| Other (including combination of coal and overburden) | 45 | 3.26 | - | - | - | - | - | - | - | - | - | - | 36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 3 | | | |
| Pumpmen | 17 | 3.30 | - | - | - | - | 1 | 1 | - | - | - | - | 2 | - | 2 | - | - | 9 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | |
| Shot firers | 33 | 3.00 | - | - | - | 6 | 4 | - | - | 8 | - | - | - | - | - | - | - | - | 3 | - | 10 | - | - | - | - | - | - | - | - | - | - | |
| Tipple operators | 71 | 2.82 | 4 | 16 | - | 8 | - | 3 | - | - | - | - | - | 18 | - | - | - | - | 22 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Truckdrivers | 260 | 3.55 | 4 | - | - | - | - | 8 | - | - | - | 16 | - | - | - | - | - | - | 12 | 220 | - | - | - | - | - | - | - | - | - | - | - | - |
| Trailer type | 214 | 3.64 | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | 209 | - | - | - | - | - | - | - | - | - | - | - | - |
| Other than trailer type | 46 | 3.13 | 4 | - | - | - | - | 3 | - | - | - | 16 | - | - | - | - | - | - | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Welders, maintenance | 136 | 3.60 | - | 3 | - | - | - | - | - | 5 | - | 1 | 6 | - | 4 | - | - | - | 14 | - | 103 | - | - | - | - | - | - | - | - | - | - | - |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Includes workers in classifications in addition to those shown separately.

Table 46. Surface Mines: Occupational Averages (Hourly)—West Kentucky¹

(Number and average straight-time hourly earnings² of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ² | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|
| | | | \$2.30 and under | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 | \$4.00 | \$4.10 | \$4.20 | \$4.30 | \$4.40 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bulldozer operators..... | 187 | \$3.80 | - | - | - | - | 2 | 2 | - | 2 | - | 8 | - | - | 14 | 16 | 15 | - | 128 | - | - | - | - | - | - |
| Overburden..... | 56 | 3.77 | - | - | - | - | - | - | - | - | - | 8 | - | - | - | 12 | - | - | 36 | - | - | - | - | - | - |
| Other than overburden..... | 11 | 3.78 | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | 9 | - | - | - | - | - | - |
| Combination of overburden and other..... | 120 | 3.81 | - | - | - | - | 2 | 2 | - | - | - | - | - | - | 14 | 4 | 15 | - | 83 | - | - | - | - | - | - |
| Drillers, machine, overburden..... | 92 | 3.50 | - | - | 5 | - | - | - | - | - | 16 | - | - | - | 25 | - | 46 | - | - | - | - | - | - | - | - |
| Electricians, maintenance..... | 41 | 3.71 | - | - | - | - | - | - | 1 | - | - | - | - | - | 2 | - | 38 | - | - | - | - | - | - | - | - |
| Groundmen..... | 40 | 3.43 | 3 | 7 | - | - | - | - | - | 2 | 2 | 2 | - | - | - | - | - | - | 24 | - | - | - | - | - | - |
| Machinists, maintenance..... | 10 | 3.75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | - | - | - | - | - | - | - | - |
| Mechanics, maintenance..... | 103 | 3.63 | - | - | - | - | 1 | - | 1 | - | 6 | 12 | - | - | 2 | - | 81 | - | - | - | - | - | - | - | - |
| Oilers and greasers..... | 129 | 3.63 | 10 | - | 1 | - | - | - | - | 2 | 2 | - | - | 6 | 4 | 1 | 48 | 55 | - | - | - | - | - | - | - |
| Power-shovel operators..... | 188 | 4.18 | - | - | - | - | - | - | - | - | - | 12 | - | - | 14 | 12 | - | - | - | - | - | - | 47 | 103 | - |
| Coal..... | 59 | 4.17 | - | - | - | - | - | - | - | - | - | 5 | - | - | 2 | 4 | - | - | - | - | - | - | - | 20 | 28 |
| Overburden..... | 120 | 4.17 | - | - | - | - | - | - | - | - | - | 7 | - | - | 12 | 8 | - | - | - | - | - | - | 21 | 72 | - |
| Other (including combination of coal and overburden)..... | 9 | 4.31 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 3 |
| Pumpmen..... | 17 | 3.30 | - | 1 | 1 | - | - | - | - | 2 | - | 2 | - | 9 | - | - | 2 | - | - | - | - | - | - | - | - |
| Shot firers..... | 19 | 3.36 | - | 4 | - | - | - | - | - | - | - | 2 | - | - | 3 | - | 10 | - | - | - | - | - | - | - | - |
| Tipple operators..... | 40 | 3.38 | - | - | - | - | - | - | - | - | 18 | - | - | - | - | 22 | - | - | - | - | - | - | - | - | - |
| Truckdrivers..... | 256 | 3.58 | - | - | 8 | - | - | - | 16 | - | - | - | - | - | 12 | 220 | - | - | - | - | - | - | - | - | - |
| Trailer type..... | 214 | 3.64 | - | - | 5 | - | - | - | - | - | - | - | - | - | - | 209 | - | - | - | - | - | - | - | - | - |
| Other than trailer type..... | 42 | 3.27 | - | - | 3 | - | - | - | 16 | - | - | - | - | - | 12 | 11 | - | - | - | - | - | - | - | - | - |
| Welders, maintenance..... | 123 | 3.70 | - | - | - | - | 1 | - | 1 | - | - | 4 | - | - | 14 | - | 103 | - | - | - | - | - | - | - | - |

¹ For definition of area, see footnote 5 in the table, appendix A.

² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Table 47. Surface Mines: Occupational Averages (Hourly)—Ohio

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|----------|-----|
| | | | Under \$1.60 | \$1.60 and under \$1.70 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | and over | |
| Auger-machine operators..... | 12 | \$2.68 | - | - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | | |
| Bulldozer operators..... | 335 | 3.05 | - | 12 | - | - | - | 11 | - | 27 | 3 | 19 | 38 | 34 | 29 | 3 | - | 3 | 16 | - | - | - | - | - | - | - | - | 140 | - | |
| Overburden..... | 116 | 2.76 | - | - | - | - | - | - | - | 22 | 3 | 14 | - | 33 | 21 | 3 | - | - | - | - | - | - | - | - | - | - | - | 20 | - | |
| Other than overburden..... | 50 | 3.23 | - | - | - | - | - | 8 | - | - | - | - | 3 | - | - | - | - | - | 16 | - | - | - | - | - | - | - | - | 23 | - | |
| Combination of overburden and other..... | 169 | 3.19 | - | 12 | - | - | - | 3 | - | 5 | - | 5 | 35 | 1 | 8 | - | - | 3 | - | - | - | - | - | - | - | - | - | 97 | - | |
| Drillers, machine ² | 114 | 2.86 | 6 | - | - | - | - | 3 | 16 | 14 | 3 | 1 | 9 | 6 | 12 | 3 | - | - | - | - | - | - | - | - | - | - | - | 41 | - | |
| Overburden..... | 106 | 2.89 | 6 | - | - | - | - | 3 | 16 | 7 | 3 | 1 | 9 | 6 | 12 | 3 | - | - | - | - | - | - | - | - | - | - | - | 40 | - | |
| Electricians, maintenance..... | 29 | 3.85 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 21 | | |
| Groundmen..... | 60 | 2.41 | - | - | 18 | 1 | - | 8 | 12 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 8 | 2 | | |
| Machinists, maintenance..... | 10 | 3.32 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 3 | - | - | - | - | - | - | - | - | 3 | 1 | |
| Mechanics, maintenance..... | 233 | 3.38 | - | - | 7 | 9 | - | 3 | 7 | 8 | - | 4 | 3 | 9 | 2 | 2 | - | 13 | - | - | - | - | 3 | 7 | 42 | 114 | - | - | | |
| Mechanics' helpers, maintenance..... | 25 | 3.12 | - | - | - | - | - | - | 3 | - | 6 | - | - | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Oilers and greasers..... | 384 | 2.55 | 12 | 9 | 33 | 43 | 4 | 34 | 54 | 56 | - | - | 41 | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - | 3 | 93 | |
| Power-shovel operators..... | 518 | 3.30 | - | - | - | 33 | - | - | - | 3 | 21 | - | 28 | 28 | 61 | 13 | - | 102 | 30 | 39 | 18 | - | - | - | - | - | - | - | 4 | 142 |
| Coal..... | 111 | 3.52 | - | - | - | 3 | - | - | - | 3 | 13 | - | 2 | 7 | 13 | 3 | - | 16 | - | 6 | - | - | - | - | - | - | - | - | 5 | 45 |
| Overburden..... | 348 | 3.28 | - | - | - | 30 | - | - | - | - | 8 | - | 26 | 21 | 24 | 1 | - | 72 | 30 | 33 | 9 | - | - | - | - | - | - | - | 6 | 94 |
| Other (including combination of coal and overburden)..... | 59 | 3.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 | - | - | 9 | - | - | - | - | - | - | - | 3 | |
| Pumpmen..... | 9 | 3.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - | - | - | |
| Shot firers..... | 43 | 3.33 | - | - | - | 6 | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 30 | - | |
| State pickers..... | 117 | 2.17 | 6 | - | 20 | 5 | 2 | 26 | 4 | 42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | 3 | - | - | - | |
| Tipple operators..... | 19 | 2.95 | - | - | - | - | - | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 6 | 1 | - | - | |
| Truckdrivers..... | 334 | 3.05 | 21 | - | 11 | 6 | 4 | 53 | - | 36 | 3 | - | - | - | - | - | - | 16 | - | - | - | - | - | - | - | 21 | 4 | 159 | - | |
| Trailer type..... | 169 | 3.78 | - | - | - | 3 | - | 4 | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 159 | - | |
| Other than trailer type..... | 165 | 2.31 | 21 | - | 11 | 3 | 4 | 49 | - | 36 | - | - | - | - | - | - | - | 16 | - | - | - | - | - | - | - | 21 | 4 | - | - | |
| Welders, maintenance..... | 118 | 3.45 | - | - | - | 3 | - | - | - | - | 1 | - | 20 | 2 | 1 | - | 6 | - | 6 | - | - | - | 6 | - | - | - | - | - | 73 | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Includes workers in classifications in addition to those shown separately.³ All workers were at \$4 to \$4.10.⁴ Workers were distributed as follows: 16 at \$4 to \$4.10; and 126 at \$4.70 to \$4.80.⁵ All workers were at \$4.70 to \$4.80.⁶ Workers were distributed as follows: 16 at \$4 to \$4.10; and 78 at \$4.70 to \$4.80.

Table 48. Surface Mines: Occupational Averages (Hourly)—Pennsylvania

(Number and average straight-time hourly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average hourly earnings ¹ | Number of workers receiving straight-time hourly earnings of— | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------------------------|---|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--|--|
| | | | Under \$1.60 | \$1.60 and under \$1.70 | \$1.70 | \$1.80 | \$1.90 | \$2.00 | \$2.10 | \$2.20 | \$2.30 | \$2.40 | \$2.50 | \$2.60 | \$2.70 | \$2.80 | \$2.90 | \$3.00 | \$3.10 | \$3.20 | \$3.30 | \$3.40 | \$3.50 | \$3.60 | \$3.70 | \$3.80 | \$3.90 | and over | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bulldozer operators..... | 574 | \$2.42 | - | - | 9 | 51 | 63 | 72 | 41 | 116 | 50 | 38 | - | 30 | 9 | - | - | - | - | - | 27 | - | - | - | - | 40 | - | 28 | | |
| Overburden..... | 240 | 2.26 | - | - | - | 18 | 7 | 63 | 40 | 54 | 17 | 8 | - | - | 9 | - | - | - | - | - | 21 | - | - | - | - | - | - | 3 | | |
| Other than overburden..... | 20 | 2.15 | - | - | - | - | 9 | - | 1 | - | 4 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| Combination of overburden and other..... | 314 | 2.55 | - | - | 9 | 33 | 47 | 9 | - | 62 | 29 | 24 | - | 30 | - | - | - | - | - | - | 6 | - | - | - | - | 40 | - | 25 | | |
| Drillers, machine..... | 150 | 2.36 | - | 9 | 18 | 1 | 17 | 15 | 11 | 36 | 13 | - | 2 | - | 4 | - | - | - | - | 6 | - | - | - | - | - | - | 18 | - | | |
| Overburden..... | 128 | 2.33 | - | 9 | 18 | 1 | 17 | 15 | 11 | 24 | 7 | - | 2 | - | - | - | - | - | - | 6 | - | - | - | - | - | - | 18 | - | | |
| Other (including combination of coal and overburden)..... | 22 | 2.55 | - | - | - | - | - | - | - | 12 | 6 | - | - | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Groundmen..... | 131 | 2.13 | ² 25 | 4 | 18 | 15 | - | 12 | 36 | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | 18 | - | - | - | | |
| Mechanics, maintenance..... | 63 | 2.77 | - | - | - | - | - | 6 | 10 | 1 | 2 | - | 13 | 3 | 6 | - | 6 | - | - | - | 4 | - | - | - | - | 8 | - | 4 | | |
| Mechanics' helpers, maintenance..... | 19 | 2.97 | - | - | - | 2 | - | - | - | - | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 4 | - | | |
| Oilers and greasers..... | 541 | 2.00 | ³ 69 | 80 | 68 | 52 | 48 | 87 | 29 | 57 | 6 | - | - | - | - | - | - | - | - | 15 | - | - | - | - | - | - | - | 30 | | |
| Power-shovel operators..... | 797 | 2.79 | - | - | - | 4 | - | - | 22 | 53 | 100 | 66 | 95 | 49 | 171 | 80 | 48 | 3 | 12 | - | - | - | 6 | - | - | - | 27 | 61 | | |
| Coal..... | 165 | 2.84 | - | - | - | 4 | - | - | 8 | 19 | 17 | 20 | 29 | 21 | 13 | - | - | - | - | - | - | - | - | - | - | - | - | 34 | | |
| Overburden..... | 527 | 2.72 | - | - | - | - | - | - | 12 | 34 | 66 | 41 | 66 | 28 | 134 | 80 | 30 | 3 | 6 | - | - | - | - | - | - | - | - | 27 | | |
| Other (including combination of coal and overburden)..... | 105 | 3.03 | - | - | - | - | - | 2 | - | 17 | 5 | - | - | 24 | - | 18 | - | - | 6 | - | - | 6 | - | - | - | - | 27 | - | | |
| Shot firers..... | 15 | 2.78 | - | - | - | - | 3 | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | | |
| Slate pickers..... | 170 | 2.04 | - | 16 | - | 35 | 24 | 28 | 51 | - | 6 | - | - | - | - | - | - | - | - | 9 | - | - | - | - | 1 | - | - | - | | |
| Tipple operators..... | 57 | 2.00 | - | 17 | - | 6 | 7 | 4 | - | 14 | 2 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | | |
| Truckdrivers ⁵ | 211 | 1.90 | 1 | 45 | 28 | 28 | 11 | 69 | 19 | 7 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | | |
| Other than trailer type..... | 193 | 1.89 | - | 45 | 27 | 28 | 8 | 60 | 17 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | | |
| Welders, maintenance..... | 96 | 2.47 | - | - | - | - | - | 9 | 7 | 25 | 20 | 8 | 10 | - | 3 | - | - | - | - | 6 | - | - | - | - | - | 7 | - | 1 | | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² All workers were at \$1.50 to \$1.60.

³ Workers were distributed as follows: 32 at \$1.40 to \$1.50; and 37 at \$1.50 to \$1.60.

⁴ Workers were distributed as follows: 24 at \$4.20 to \$4.30; 6 at \$4.60 to \$4.70; and 4 at \$4.70 to \$4.80.

⁵ Includes drivers of other types of trucks in addition to those shown separately.

Table 49. Surface Mines: Occupational Averages (Weekly)—United States

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|---------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| | | Hours ² | Earnings ² | Under \$75 | \$75 and under \$80 | \$80 | \$85 | \$90 | \$95 | \$100 | \$110 | \$120 | \$130 | \$140 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | \$220 | \$240 and over |
| Auger-machine operators..... | 162 | 43.0 | \$137.00 | 13 | - | 16 | 4 | - | - | 4 | 10 | 38 | 2 | 20 | 10 | 4 | 5 | 16 | 2 | 14 | 4 | - |
| Bulldozer operators..... | 1,862 | 46.5 | 145.00 | 33 | - | 12 | 51 | 21 | 21 | 215 | 209 | 181 | 232 | 198 | 142 | 105 | 54 | 172 | 82 | 99 | 34 | 1 |
| Overburden..... | 815 | 47.5 | 142.00 | 14 | - | 4 | 24 | 9 | - | 110 | 91 | 98 | 112 | 75 | 48 | 56 | 20 | 84 | 18 | 41 | 11 | - |
| Other than overburden..... | 126 | 47.5 | 155.00 | - | - | - | - | - | - | 3 | 32 | 8 | 11 | 12 | 18 | 10 | 6 | 5 | 12 | 6 | 2 | 1 |
| Combination of overburden and other..... | 921 | 46.0 | 146.50 | 19 | - | 8 | 27 | 12 | 21 | 102 | 86 | 75 | 109 | 111 | 76 | 39 | 28 | 83 | 52 | 21 | - | - |
| Drillers, machine..... | 779 | 47.5 | 147.00 | 16 | 1 | 15 | 37 | 17 | 31 | 65 | 32 | 62 | 93 | 52 | 88 | 70 | 64 | 29 | 19 | 47 | 35 | 6 |
| Coal..... | 50 | 43.5 | 140.50 | - | 1 | - | 10 | - | 2 | - | 6 | 2 | 5 | 3 | 6 | 5 | 1 | 3 | 3 | - | 3 | - |
| Overburden..... | 586 | 48.5 | 148.00 | 16 | - | 15 | 27 | 17 | 29 | 45 | 13 | 42 | 61 | 30 | 62 | 61 | 59 | 22 | 16 | 33 | 32 | 6 |
| Other (including combination of coal and overburden)..... | 143 | 46.5 | 143.50 | - | - | - | - | - | - | 20 | 13 | 18 | 27 | 19 | 20 | 4 | 4 | 4 | - | 14 | - | - |
| Electricians, maintenance..... | 197 | 50.5 | 194.50 | 1 | - | - | - | - | - | - | 2 | 2 | 1 | 6 | 17 | 20 | 18 | 17 | 22 | 53 | 18 | 20 |
| Groundmen..... | 432 | 49.0 | 151.50 | 26 | 9 | 4 | 18 | 18 | 42 | 21 | 12 | 27 | 39 | 3 | 19 | 6 | 17 | 49 | 8 | 75 | 33 | 6 |
| Machinists, maintenance..... | 56 | 49.0 | 180.50 | - | - | - | - | - | - | - | - | - | 4 | 5 | 11 | 5 | 7 | 11 | 2 | - | 7 | 4 |
| Mechanics, maintenance..... | 703 | 46.5 | 162.50 | 3 | 1 | 2 | - | 1 | 12 | 33 | 43 | 31 | 110 | 43 | 78 | 80 | 53 | 93 | 19 | 59 | 30 | 12 |
| Mechanics' helpers, maintenance..... | 89 | 49.0 | 158.50 | 1 | - | - | - | 1 | - | 6 | 4 | 3 | 15 | 16 | 16 | 5 | 5 | 2 | 1 | 10 | 4 | - |
| Oilers and greasers..... | 1,652 | 49.5 | 137.00 | 100 | 17 | 60 | 126 | 96 | 123 | 173 | 139 | 75 | 81 | 66 | 82 | 51 | 56 | 82 | 112 | 78 | 115 | 20 |
| Power-shovel operators..... | 2,439 | 49.0 | 165.50 | 30 | 7 | 4 | 5 | 22 | 59 | 46 | 122 | 216 | 299 | 320 | 220 | 163 | 216 | 116 | 48 | 195 | 178 | 173 |
| Coal..... | 646 | 46.5 | 163.50 | 9 | - | 3 | 3 | 22 | 17 | 20 | 29 | 41 | 60 | 72 | 93 | 29 | 65 | 27 | 8 | 84 | 35 | 29 |
| Overburden..... | 1,499 | 50.5 | 170.00 | 21 | 2 | 1 | 2 | - | 30 | 15 | 73 | 126 | 190 | 220 | 90 | 102 | 135 | 79 | 36 | 102 | 142 | 133 |
| Other (including combination of coal and overburden)..... | 294 | 45.5 | 148.00 | - | 5 | - | - | - | 12 | 11 | 20 | 49 | 49 | 28 | 37 | 32 | 16 | 10 | 4 | 9 | 1 | 11 |
| Pumpmen..... | 108 | 47.0 | 165.50 | 2 | - | - | 6 | - | 5 | - | 7 | 2 | 6 | 11 | 13 | 6 | 5 | 14 | 4 | 8 | 15 | 4 |
| Shot firers..... | 226 | 47.5 | 162.00 | 2 | - | - | - | 5 | 6 | 12 | 16 | 9 | 19 | 17 | 38 | 22 | 12 | 14 | 12 | 23 | 13 | 6 |
| Slate pickers..... | 309 | 43.0 | 91.50 | 109 | 15 | - | 4 | 61 | 33 | 35 | 12 | 16 | 6 | 4 | 9 | 5 | - | - | - | - | - | - |
| Tipple operators..... | 379 | 42.5 | 126.50 | 29 | 3 | 13 | - | 34 | 28 | 18 | 41 | 67 | 25 | 27 | 21 | 16 | 17 | 11 | 12 | 16 | - | 1 |
| Truckdrivers..... | 1,695 | 43.0 | 139.00 | 87 | 33 | 35 | 58 | 56 | 55 | 115 | 165 | 162 | 159 | 102 | 122 | 182 | 126 | 123 | 37 | 31 | 35 | 12 |
| Trailer type..... | 871 | 42.0 | 156.00 | 19 | - | 3 | 9 | 13 | 5 | 31 | 85 | 38 | 39 | 82 | 95 | 154 | 108 | 102 | 30 | 25 | 23 | 10 |
| Other than trailer type..... | 824 | 44.5 | 120.00 | 68 | 33 | 32 | 49 | 43 | 50 | 84 | 80 | 124 | 120 | 20 | 27 | 28 | 18 | 21 | 7 | 6 | 12 | 2 |
| Welders, maintenance..... | 755 | 47.5 | 170.50 | 10 | - | 1 | 4 | 11 | 14 | 14 | 8 | 27 | 51 | 76 | 53 | 84 | 100 | 105 | 37 | 99 | 36 | 25 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

Table 50. Surface Mines: Occupational Averages (Weekly)—Illinois

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--------------------|-----------------------|---|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Hours ² | Earnings ² | Under \$95 | \$95 and under \$100 | \$100 | \$105 | \$110 | \$115 | \$120 | \$125 | \$130 | \$135 | \$140 | \$145 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | \$220 | \$240 | \$260 |
| Bulldozer operators..... | 189 | 45.5 | \$164.00 | 4 | - | - | - | 1 | - | 26 | 1 | 17 | 11 | 5 | 6 | 8 | 19 | 8 | 41 | 11 | 29 | 2 | - | - |
| Overburden..... | 89 | 44.0 | 151.50 | 1 | - | - | - | - | - | 22 | 1 | 16 | 3 | 3 | 6 | 2 | 12 | 4 | 4 | 8 | 6 | 1 | - | - |
| Other than overburden..... | 9 | 45.0 | 172.00 | - | - | - | - | - | - | - | - | - | 3 | - | 1 | - | - | - | 2 | 1 | 2 | - | - | - |
| Combination of overburden and other..... | 91 | 46.5 | 176.00 | 3 | - | - | - | 1 | - | 4 | - | 1 | 5 | 2 | - | 5 | 7 | 4 | 35 | 2 | 21 | 1 | - | - |
| Drillers, machine..... | 106 | 51.5 | 192.50 | 1 | 2 | - | - | 2 | 3 | - | 10 | 1 | - | 2 | 7 | 3 | 4 | 12 | 6 | 19 | 30 | 2 | 2 | 2 |
| Coal..... | 24 | 41.0 | 158.00 | 1 | 2 | - | - | 2 | 3 | - | - | - | - | - | 5 | 1 | 1 | 3 | 3 | 3 | - | 3 | - | - |
| Overburden..... | 82 | 54.5 | 202.00 | - | - | - | - | - | - | - | 10 | 1 | - | 2 | 2 | 2 | 3 | 9 | 3 | 19 | 27 | 2 | 2 | 2 |
| Electricians, maintenance..... | 86 | 52.5 | 206.00 | - | - | - | - | 2 | - | 2 | 1 | - | 1 | - | 3 | 4 | 4 | 4 | 6 | 35 | 11 | 11 | 2 | 2 |
| Groundmen..... | 129 | 51.5 | 199.00 | 2 | - | - | - | - | - | 1 | 2 | - | - | - | 14 | 2 | 2 | 22 | 8 | 58 | 14 | 3 | 1 | - |
| Machinists, maintenance..... | 19 | 53.5 | 210.50 | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 1 | 2 | 3 | 2 | - | 7 | 3 | - |
| Mechanics, maintenance..... | 103 | 49.0 | 189.50 | - | - | - | - | - | - | 2 | 5 | 1 | 6 | 7 | 5 | 1 | 2 | 26 | 9 | 24 | 11 | 3 | 1 | - |
| Mechanics' helpers, maintenance..... | 23 | 52.0 | 195.50 | - | - | - | - | - | 1 | 1 | - | - | - | - | 1 | 2 | 2 | 1 | 10 | 4 | - | - | - | - |
| Oilers and greasers..... | 189 | 50.5 | 202.00 | - | - | - | - | 1 | 1 | - | 4 | 7 | 3 | 1 | 3 | 4 | 16 | 11 | 5 | 26 | 23 | 65 | 12 | 7 |
| Power-shovel operators..... | 272 | 47.5 | 197.50 | 15 | - | - | - | - | 1 | - | - | 15 | 8 | 16 | - | 4 | 34 | 18 | 2 | 33 | 90 | 22 | 14 | 14 |
| Coal..... | 73 | 49.0 | 196.50 | - | - | - | - | - | - | - | 5 | 1 | 15 | - | - | 1 | 8 | 4 | - | 10 | 17 | 4 | 8 | 8 |
| Overburden..... | 199 | 47.0 | 197.50 | 15 | - | - | - | - | 1 | - | 10 | 7 | 1 | - | - | 3 | 26 | 14 | 2 | 23 | 73 | 18 | 6 | 6 |
| Pumpmen..... | 57 | 51.0 | 192.00 | 1 | - | - | - | 1 | - | 2 | - | 2 | - | 2 | 2 | 3 | 3 | 3 | 10 | 4 | 8 | 15 | 3 | - |
| Shot firers..... | 60 | 52.0 | 197.00 | - | - | - | - | - | 2 | - | - | 5 | - | - | 2 | 6 | - | 5 | 1 | 6 | 16 | 11 | 6 | - |
| Tipple operators..... | 71 | 42.5 | 157.50 | - | - | - | - | 2 | 10 | 1 | 3 | 4 | 8 | 2 | 7 | 4 | 6 | 7 | 2 | 3 | 11 | - | 1 | - |
| Truckdrivers..... | 367 | 43.0 | 168.50 | 7 | - | 2 | 7 | 9 | 27 | 16 | 13 | - | 15 | 7 | 3 | 43 | 40 | 33 | 51 | 31 | 22 | 30 | 5 | 6 |
| Trailer type..... | 309 | 42.5 | 167.50 | 7 | - | 1 | 7 | 5 | 25 | 14 | 12 | - | 13 | 4 | 2 | 40 | 33 | 28 | 45 | 25 | 17 | 21 | 4 | 6 |
| Other than trailer type..... | 58 | 46.0 | 174.50 | - | - | 1 | - | 4 | 2 | 2 | 1 | - | 2 | 3 | 1 | 3 | 7 | 5 | 6 | 6 | 5 | 9 | 1 | - |
| Welders, maintenance..... | 228 | 48.5 | 190.00 | 1 | - | - | - | - | 1 | - | 2 | 3 | 1 | 8 | 9 | 16 | 16 | 33 | 31 | 12 | 62 | 24 | 7 | 2 |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

Table 51. Surface Mines: Occupational Averages (Weekly)—Kentucky

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|--|
| | | Hours ² | Earnings ² | Under \$95 | \$95 and under \$100 | \$100 | \$105 | \$110 | \$115 | \$120 | \$125 | \$130 | \$135 | \$140 | \$145 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | \$220 | \$240 | \$260 | and over | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Auger-machine operators..... | 44 | 42.5 | \$107.00 | ³ 16 | - | - | - | 8 | - | 16 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Bulldozer operators..... | 291 | 47.0 | 160.50 | 29 | 3 | 7 | 3 | 3 | 5 | - | 7 | 10 | 14 | 18 | 24 | 20 | 15 | 12 | 31 | 28 | 33 | 28 | 1 | - | - | | |
| Overburden..... | 148 | 48.0 | 150.00 | 14 | - | 7 | 3 | 3 | 4 | - | 3 | 8 | 14 | 4 | 20 | 14 | 8 | - | 15 | 7 | 18 | 6 | - | - | - | | |
| Other than overburden..... | 15 | 54.5 | 191.00 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 4 | 1 | - | 4 | 1 | 2 | 1 | - | - | | |
| Combination of overburden and other..... | 128 | 45.0 | 168.00 | 15 | 3 | - | - | - | 1 | - | 4 | 2 | - | 14 | 4 | 4 | 3 | 9 | 16 | 17 | 16 | 20 | - | - | - | | |
| Drillers, machine ⁴ | 132 | 47.5 | 156.50 | 4 | 3 | 6 | 3 | - | 8 | 6 | - | 9 | 4 | 7 | 4 | 3 | 27 | 22 | 6 | 9 | 8 | 1 | 1 | 1 | 1 | | |
| Overburden..... | 124 | 48.5 | 159.00 | 4 | 3 | 6 | 3 | - | - | 6 | - | 9 | 4 | 7 | 4 | 3 | 27 | 22 | 6 | 9 | 8 | 1 | 1 | 1 | 1 | | |
| Electricians, maintenance..... | 41 | 52.0 | 193.50 | 1 | - | - | - | - | - | - | - | - | - | - | - | 2 | 3 | 5 | 4 | 7 | 12 | 4 | 3 | - | - | | |
| Groundmen..... | 40 | 54.5 | 186.00 | 2 | - | 1 | 1 | - | 1 | 1 | - | 5 | - | - | - | - | - | 2 | 3 | - | 10 | 12 | 2 | - | - | | |
| Machinists, maintenance..... | 10 | 49.5 | 185.00 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 6 | - | - | - | 1 | - | - | | |
| Mechanics, maintenance..... | 122 | 50.0 | 175.50 | 2 | - | - | - | 8 | - | 3 | 2 | - | 4 | 4 | - | 13 | 20 | 14 | 18 | 3 | 16 | 8 | 5 | 2 | - | | |
| Mechanics' helpers, maintenance..... | 11 | 53.0 | 142.50 | - | - | - | 2 | - | - | - | - | - | 2 | 7 | - | - | - | - | - | - | - | - | - | - | - | | |
| Oilers and greasers..... | 141 | 50.0 | 174.00 | 3 | 4 | 2 | 3 | - | - | 5 | 1 | 13 | 3 | 4 | - | 10 | 5 | 13 | 26 | 8 | 29 | 11 | 1 | - | - | | |
| Power-shovel operators..... | 295 | 50.0 | 184.00 | 18 | 8 | - | - | - | - | 19 | 3 | 9 | 7 | 22 | 3 | 14 | 1 | 29 | 17 | 2 | 43 | 22 | 67 | 11 | - | | |
| Coal..... | 114 | 47.5 | 163.50 | ⁵ 18 | - | - | - | - | - | 3 | 3 | 7 | - | 10 | 3 | 8 | - | 7 | 10 | 2 | 25 | 7 | 11 | - | - | | |
| Overburden..... | 136 | 53.5 | 215.00 | - | - | - | - | - | - | - | - | 2 | 3 | 8 | - | 5 | 1 | 22 | 7 | - | 15 | 14 | 50 | 9 | - | | |
| Other (including combination of coal and overburden)..... | 45 | 46.0 | 150.00 | - | 8 | - | - | - | - | 16 | - | - | 4 | 4 | - | 1 | - | - | - | - | 3 | 1 | 6 | 2 | - | | |
| Pumpmen..... | 17 | 43.5 | 144.00 | 1 | 2 | - | - | - | 1 | - | - | - | 4 | - | 1 | 6 | - | - | 1 | - | - | - | - | 1 | - | | |
| Shot firers..... | 33 | 52.0 | 155.50 | 2 | - | - | - | - | 2 | 1 | - | 4 | - | 4 | - | 5 | 4 | 3 | 1 | 4 | 1 | 2 | - | - | - | | |
| Tippie operators..... | 71 | 45.5 | 128.50 | ⁶ 18 | - | - | - | 12 | - | 4 | 15 | 1 | - | 2 | - | 6 | 2 | 6 | 1 | 1 | 3 | - | - | - | - | | |
| Truckdrivers..... | 260 | 43.5 | 155.00 | 11 | - | 15 | 1 | 1 | 5 | 10 | 10 | 2 | 5 | 7 | 5 | 31 | 83 | 42 | 14 | 4 | 9 | 4 | 1 | - | - | | |
| Trailer type..... | 214 | 44.0 | 160.00 | 4 | - | 14 | 1 | - | 3 | 6 | 3 | 2 | 3 | 4 | 5 | 25 | 82 | 36 | 13 | 3 | 8 | 2 | - | - | - | | |
| Other than trailer type..... | 46 | 42.5 | 132.50 | 7 | - | 1 | - | 1 | 2 | 4 | 7 | - | 2 | 3 | - | 6 | 1 | 6 | 1 | 1 | 1 | 2 | 1 | - | - | | |
| Welders, maintenance..... | 136 | 50.5 | 181.00 | 8 | - | - | - | 5 | - | 1 | - | 1 | 3 | 1 | - | 4 | 31 | 13 | 20 | 8 | 16 | 11 | 7 | 7 | - | | |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.³ All workers were at \$80 to \$85.⁴ Includes workers in classifications in addition to those shown separately.⁵ Workers were distributed as follows: 8 at \$20 to \$25; 1 at \$60 to \$65; 3 at \$85 to \$90; and 6 at \$90 to \$95.⁶ Workers were distributed as follows: 2 at \$40 to \$45; and 16 at \$90 to \$95.

Table 52. Surface Mines: Occupational Averages (Weekly)—West Kentucky¹

(Number, average weekly hours worked, and average straight-time weekly earnings² of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| | | Hours ³ | Earnings ³ | Under \$100 | \$100 and under \$105 | \$105 | \$110 | \$115 | \$120 | \$125 | \$130 | \$135 | \$140 | \$145 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | \$220 | \$240 | \$260 | \$280 and over |
| Bulldozer operators..... | 187 | 47.5 | \$181.50 | 10 | - | - | - | 1 | - | 4 | 2 | - | 14 | 12 | 10 | 3 | 10 | 31 | 25 | 36 | 28 | 1 | - | - |
| Overburden..... | 56 | 50.5 | 190.50 | - | - | - | - | - | - | - | - | - | - | 8 | 4 | - | 15 | 4 | 19 | 6 | - | - | - | |
| Other than overburden..... | 11 | 52.5 | 199.00 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 1 | - | 4 | 1 | 2 | 1 | - | - |
| Combination of overburden and other..... | 120 | 46.0 | 175.00 | 10 | - | - | - | 1 | - | 4 | 2 | - | 14 | 4 | 4 | 3 | 9 | 16 | 17 | 16 | 20 | - | - | - |
| Drillers, machine, overburden..... | 92 | 47.5 | 165.50 | 1 | 6 | - | - | - | 6 | - | 6 | - | 1 | 4 | 3 | 17 | 22 | 6 | 9 | 8 | 1 | 1 | - | 1 |
| Electricians, maintenance..... | 41 | 52.0 | 193.50 | 1 | - | - | - | - | - | - | - | - | - | - | 2 | 3 | 5 | 4 | 7 | 12 | 4 | 3 | - | - |
| Groundmen..... | 40 | 54.5 | 186.00 | 2 | 1 | 1 | - | 1 | 1 | - | 5 | - | - | - | - | - | 2 | 3 | - | 10 | 12 | 2 | - | - |
| Machinists, maintenance..... | 10 | 49.5 | 185.00 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 6 | - | - | - | 1 | - | - |
| Mechanics, maintenance..... | 103 | 50.0 | 182.00 | 2 | - | - | - | - | 3 | 2 | - | 4 | 4 | - | 10 | 16 | 10 | 18 | 3 | 16 | 8 | 5 | 2 | - |
| Oilers and greasers..... | 129 | 49.5 | 179.00 | 4 | 2 | - | - | - | 2 | 1 | 10 | 3 | 4 | - | 10 | 5 | 13 | 26 | 8 | 29 | 11 | 1 | - | - |
| Power-shovel operators..... | 188 | 52.0 | 217.00 | 1 | - | - | - | - | - | - | 6 | - | 12 | - | 3 | 1 | 15 | 9 | 2 | 43 | 22 | 63 | 8 | 3 |
| Coal..... | 59 | 49.5 | 205.50 | 1 | - | - | - | - | - | - | 4 | - | 4 | - | - | - | 3 | 2 | 2 | 25 | 7 | 11 | - | - |
| Overburden..... | 120 | 53.0 | 221.50 | - | - | - | - | - | - | - | 2 | - | 8 | - | 2 | 1 | 12 | 7 | - | 15 | 14 | 50 | 7 | 2 |
| Other (including combination of coal and overburden)..... | 9 | 53.5 | 230.00 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 3 | 1 | 2 | 1 | 1 |
| Pumpmen..... | 17 | 43.5 | 144.00 | 3 | - | - | - | 1 | - | - | - | 4 | - | 1 | 6 | - | - | 1 | - | - | - | - | 1 | - |
| Shot firers..... | 19 | 46.5 | 156.00 | 2 | - | - | - | 2 | 1 | - | - | - | 2 | - | 2 | - | 3 | 1 | 4 | 1 | 2 | - | - | - |
| Tippie operators..... | 40 | 42.5 | 144.50 | 2 | - | - | - | - | 4 | 12 | 1 | - | 2 | - | 6 | 2 | 6 | 1 | 1 | 3 | - | - | - | - |
| Truckdrivers..... | 256 | 44.0 | 158.00 | 7 | 15 | 1 | 1 | 5 | 10 | 10 | 2 | 5 | 7 | 5 | 31 | 83 | 42 | 14 | 4 | 9 | 4 | 1 | - | - |
| Trailer type..... | 214 | 44.0 | 160.00 | 4 | 14 | 1 | - | 3 | 6 | 3 | 2 | 3 | 4 | 5 | 25 | 82 | 36 | 13 | 3 | 8 | 2 | - | - | - |
| Other than trailer type..... | 42 | 45.0 | 147.00 | 3 | 1 | - | - | 1 | 2 | 4 | 7 | - | 2 | 3 | - | 6 | 1 | 6 | 1 | 1 | 1 | 2 | 1 | - |
| Welders, maintenance..... | 123 | 51.5 | 190.00 | 1 | - | - | - | 1 | - | 1 | - | 1 | 3 | 1 | - | 4 | 31 | 11 | 20 | 16 | 11 | 7 | 6 | 1 |

¹ For definition of area, see footnote 5 in the table, appendix A.
² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
³ Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

Table 53. Surface Mines: Occupational Averages (Weekly)—Ohio

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|----------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---|
| | | Hours ² | Earnings ³ | Under | \$75 | \$80 | \$85 | \$90 | \$95 | \$100 | \$110 | \$120 | \$130 | \$140 | \$150 | \$160 | \$170 | \$180 | \$190 | \$200 | \$220 | \$240 | |
| | | | | \$75 | and under \$80 | - \$85 | - \$90 | - \$95 | - \$100 | - \$110 | - \$120 | - \$130 | - \$140 | - \$150 | - \$160 | - \$170 | - \$180 | - \$190 | - \$200 | - \$220 | - \$240 | and over | |
| Auger-machine operators..... | 12 | 37.5 | \$101.00 | 3 | - | - | - | - | - | - | - | - | - | 3 | 2 | - | - | - | - | - | - | - | - |
| Bulldozer operators..... | 335 | 46.5 | 141.50 | 5 | - | - | 12 | - | - | 24 | 50 | 42 | 63 | 27 | 60 | 19 | 6 | 13 | 6 | 8 | - | - | - |
| Overburden..... | 116 | 48.5 | 133.50 | 5 | - | - | - | - | - | 10 | 31 | 13 | 17 | 6 | 24 | - | - | 6 | - | 4 | - | - | - |
| Other than overburden..... | 50 | 45.5 | 147.00 | - | - | - | - | - | - | - | 15 | 8 | 8 | 4 | 3 | 3 | 2 | 1 | 5 | 1 | - | - | - |
| Combination of overburden and other..... | 169 | 45.5 | 144.50 | - | - | - | 12 | - | - | 14 | 4 | 21 | 38 | 17 | 33 | 16 | 4 | 6 | 1 | 3 | - | - | - |
| Drillers, machine ⁴ | 114 | 49.0 | 140.50 | - | - | 6 | 3 | 3 | - | 10 | - | 25 | 21 | 6 | 21 | 6 | 8 | 2 | - | - | - | - | - |
| Overburden..... | 106 | 49.5 | 143.00 | - | - | 6 | 3 | 3 | 3 | 3 | - | 25 | 21 | 6 | 20 | 6 | 8 | 2 | - | - | - | - | - |
| Electricians, maintenance..... | 29 | 49.0 | 189.00 | - | - | - | - | - | - | - | - | - | - | - | 6 | 5 | 3 | 5 | 2 | 2 | 2 | 4 | - |
| Groundmen..... | 60 | 47.5 | 114.00 | 5 | 16 | - | - | - | 6 | 12 | - | 6 | 4 | 3 | 1 | 4 | 1 | 3 | - | 4 | - | - | - |
| Machinists, maintenance..... | 10 | 45.0 | 149.50 | - | - | - | - | - | - | - | - | - | - | 4 | 5 | - | 1 | - | - | - | - | - | - |
| Mechanics, maintenance..... | 233 | 45.5 | 153.50 | - | - | - | - | - | 6 | 21 | 26 | 3 | 47 | 17 | 35 | 31 | 11 | 10 | 1 | 13 | 11 | 1 | - |
| Mechanics' helpers, maintenance..... | 25 | 44.5 | 139.50 | 1 | - | - | - | - | - | 3 | 3 | - | 6 | 4 | 7 | 1 | - | - | - | - | - | - | - |
| Oilers and greasers..... | 384 | 49.5 | 125.50 | 29 | 15 | 27 | 22 | 3 | 22 | 76 | 40 | 28 | 10 | 4 | 15 | 27 | 1 | 1 | 35 | 5 | 24 | - | - |
| Power-shovel operators..... | 518 | 49.5 | 163.50 | - | - | - | - | 4 | 44 | - | 25 | 42 | 39 | 80 | 64 | 48 | 44 | 46 | 8 | 8 | 30 | 36 | - |
| Coal..... | 111 | 44.0 | 155.50 | - | - | - | - | 4 | 11 | - | 11 | 14 | 12 | 12 | 7 | 2 | 18 | 8 | 2 | 5 | 3 | 2 | - |
| Overburden..... | 348 | 51.5 | 168.50 | - | - | - | - | - | 30 | - | 14 | 18 | 19 | 61 | 32 | 43 | 26 | 38 | 6 | 3 | 27 | 31 | - |
| Other (including combination of coal and overburden)..... | 59 | 49.5 | 148.50 | - | - | - | - | - | 3 | - | - | 10 | 8 | 7 | 25 | 3 | - | - | - | - | - | - | 3 |
| Pumpmen..... | 9 | 38.0 | 137.00 | - | - | - | - | - | - | - | 5 | - | - | - | 2 | - | 2 | - | - | - | - | - | - |
| Shot firers..... | 43 | 44.0 | 146.50 | - | - | - | - | - | 6 | 7 | - | 3 | 1 | 4 | 7 | 6 | 4 | 4 | 1 | - | - | - | - |
| Slate pickers..... | 117 | 41.0 | 88.50 | 6 | 60 | - | - | 1 | 7 | 12 | 6 | 15 | 6 | 2 | 3 | 5 | - | - | - | - | - | - | - |
| Tipple operators..... | 19 | 38.0 | 112.00 | 7 | - | - | - | - | 1 | - | 1 | 1 | 4 | 1 | 3 | 1 | - | - | - | - | - | - | - |
| Truckdrivers..... | 334 | 43.0 | 131.00 | 37 | 15 | 3 | - | 5 | 6 | 32 | 46 | 25 | 17 | 51 | 22 | 40 | 19 | 15 | - | - | 1 | - | - |
| Trailer type..... | 169 | 40.0 | 151.50 | - | - | - | - | 2 | 1 | 2 | 23 | 3 | 2 | 51 | 21 | 30 | 19 | 15 | - | - | - | - | - |
| Other than trailer type..... | 165 | 45.5 | 105.50 | 37 | 15 | 3 | - | 3 | 5 | 30 | 23 | 22 | 15 | - | 1 | 10 | - | - | - | - | 1 | - | - |
| Welders, maintenance..... | 118 | 46.5 | 160.00 | - | - | 1 | - | 1 | 3 | 10 | 1 | 8 | 3 | 27 | 8 | 3 | 21 | 6 | 9 | 14 | 1 | 2 | - |

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

³ All workers were at \$70 to \$75.

⁴ Includes workers in classifications in addition to those shown separately.

⁵ Workers were distributed as follows: 8 at \$55 to \$60; 7 at \$60 to \$65; and 1 at \$65 to \$70.

⁶ Workers were distributed as follows: 17 under \$50; 3 at \$50 to \$55; 7 at \$55 to \$60; 18 at \$60 to \$65; 3 at \$65 to \$70; and 12 at \$70 to \$75.

Table 54. Surface Mines: Occupational Averages (Weekly)—Pennsylvania

(Number, average weekly hours worked, and average straight-time weekly earnings¹ of production workers in selected occupations, January 1967)

| Occupation | Number of workers | Average weekly— | | Number of workers receiving straight-time weekly earnings of— | | | | | | | | | | | | | | | | |
|---|-------------------|--------------------|-----------------------|---|---------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | | Hours ² | Earnings ² | Under \$70 | \$70 and under \$75 | \$75 | \$80 | \$85 | \$90 | \$95 | \$100 | \$110 | \$120 | \$130 | \$140 | \$150 | \$160 | \$170 | \$180 | and over |
| Bulldozer operators..... | 574 | 50.0 | \$121.50 | - | - | - | - | 31 | 4 | 18 | 169 | 137 | 71 | 80 | 37 | 15 | 9 | 1 | 2 | |
| Overburden..... | 240 | 50.5 | 114.00 | - | - | - | - | 22 | - | - | 90 | 53 | 41 | 28 | 3 | - | 2 | 1 | - | |
| Other than overburden..... | 20 | 57.0 | 123.00 | - | - | - | - | - | - | - | - | 14 | - | - | 6 | - | - | - | - | |
| Combination of overburden and other..... | 314 | 49.5 | 126.00 | - | - | - | - | 9 | 4 | 18 | 79 | 70 | 30 | 52 | 28 | 15 | 7 | - | 2 | |
| Drillers, machine..... | 150 | 47.5 | 111.50 | 15 | - | - | - | 9 | 20 | 11 | 18 | 12 | 4 | 19 | 12 | 5 | 16 | 6 | 3 | |
| Overburden..... | 128 | 47.0 | 109.50 | 15 | - | - | - | 9 | 20 | 11 | 18 | 6 | 4 | 7 | 12 | 3 | 14 | 6 | 3 | |
| Other (including combination of coal and overburden)..... | 22 | 48.5 | 123.00 | - | - | - | - | - | - | - | 6 | - | 12 | - | 2 | 2 | - | - | - | |
| Groundmen..... | 131 | 49.0 | 104.00 | 2 | 6 | 9 | 4 | 18 | 16 | 36 | 7 | 11 | 2 | 16 | - | 4 | - | - | - | |
| Mechanics, maintenance..... | 63 | 51.5 | 143.00 | - | 1 | - | 2 | - | - | 2 | 5 | 5 | 4 | 11 | 9 | 10 | 10 | 1 | 3 | |
| Mechanics' helpers, maintenance..... | 19 | 51.0 | 152.00 | - | - | - | - | - | - | - | 1 | - | - | 4 | 4 | 9 | - | - | - | |
| Oilers and greasers..... | 541 | 52.5 | 105.00 | 2 | 39 | - | 25 | 93 | 78 | 86 | 52 | 78 | 22 | 33 | 15 | 11 | - | 1 | 6 | |
| Power-shovel operators..... | 797 | 52.0 | 145.00 | - | - | - | 1 | - | - | 7 | 18 | 60 | 117 | 197 | 186 | 73 | 52 | 54 | 32 | |
| Coal..... | 165 | 50.0 | 142.50 | - | - | - | 1 | - | - | 6 | 16 | 14 | 18 | 26 | 29 | 41 | 3 | 8 | 3 | |
| Overburden..... | 527 | 53.0 | 144.50 | - | - | - | - | - | - | - | 1 | 39 | 91 | 134 | 142 | 26 | 31 | 40 | 23 | |
| Other (including combination of coal and overburden)..... | 105 | 49.0 | 148.50 | - | - | - | - | - | - | 1 | 1 | 7 | 8 | 37 | 15 | 6 | 18 | 6 | 6 | |
| Shot firers..... | 15 | 49.0 | 135.50 | - | - | - | - | - | - | - | - | 9 | - | - | 4 | 2 | - | - | - | |
| Slate pickers..... | 170 | 44.5 | 91.50 | 10 | 36 | 12 | - | 4 | 60 | 16 | 23 | 6 | 1 | - | 2 | - | - | - | - | |
| Tipple operators..... | 57 | 48.5 | 97.50 | 3 | 9 | - | 3 | - | 14 | 13 | 10 | 2 | 3 | - | 2 | - | - | - | 1 | |
| Truckdrivers ⁴ | 211 | 52.0 | 99.00 | 3 | 9 | 13 | 20 | 6 | 33 | 46 | 29 | 32 | 5 | 13 | 2 | - | - | - | - | |
| Other than trailer type..... | 193 | 52.5 | 99.00 | - | 9 | 13 | 20 | 4 | 32 | 45 | 27 | 24 | 5 | 12 | 2 | - | - | - | - | |
| Welders, maintenance..... | 96 | 49.0 | 121.00 | 9 | - | - | - | - | 6 | 11 | 4 | 1 | 11 | 29 | 10 | 8 | 7 | - | - | |

¹ Excludes premium pay for overtime and for work on weekends, holidays and late shifts.

² Average weekly hours were rounded to the nearest half hour and average weekly earnings to the nearest half dollar.

³ All workers were at \$60 to \$70.

⁴ Includes drivers of other types of trucks in addition to those shown separately.

Table 55. Surface Mines: Scheduled Weekly Hours

(Percent of production workers by scheduled weekly hours of day-shift workers, ¹ United States and selected States, January 1967)

| Weekly hours | United States ² | Illinois | Kentucky | | Ohio | Pennsylvania |
|--------------------|----------------------------|----------|--------------------|------|------|--------------|
| | | | Total ³ | West | | |
| All workers ----- | 100 | 100 | 100 | 100 | 100 | 100 |
| 36 1/4 hours ----- | 25 | 24 | 12 | 16 | 31 | 9 |
| 40 hours ----- | 25 | 10 | 12 | 3 | 23 | 30 |
| 42 hours ----- | 1 | 5 | - | - | - | - |
| 43 1/2 hours ----- | 5 | 19 | 14 | 19 | - | - |
| 45 hours ----- | 2 | - | - | - | 2 | 1 |
| 46 1/2 hours ----- | (⁴) | - | - | - | - | - |
| 48 hours ----- | 27 | 28 | 50 | 53 | 25 | 32 |
| 50 hours ----- | 3 | - | 9 | 4 | 7 | - |
| 54 hours ----- | 3 | - | 3 | 4 | 7 | 7 |
| 55 hours ----- | (⁴) | - | - | - | - | 2 |
| 56 hours ----- | 4 | 14 | - | - | 1 | 5 |
| 58 hours ----- | (⁴) | - | - | - | - | 2 |
| 60 hours ----- | 3 | - | - | - | 4 | 12 |

¹ Data relate to the predominant work schedule for full-time day-shift workers in each mine.

² Includes data for States in addition to those shown separately.

³ Includes data for both East and West Kentucky.

⁴ Less than 0.5 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 56. Surface Mines: Overtime Premium Pay

(Percent of production workers in mines with provisions for daily or weekly overtime by rate of pay and hours after which effective, United States and selected States, January 1967)

| Item | United States ¹ | Illinois | Kentucky | | Ohio | Pennsylvania |
|------------------------------------|----------------------------|----------|--------------------|------|------|--------------|
| | | | Total ² | West | | |
| <u>Daily overtime</u> | | | | | | |
| Time and one-half effective after: | | | | | | |
| 7 hours ----- | 1 | 5 | - | - | - | - |
| 7 1/4 hours ----- | 49 | 90 | 63 | 85 | 41 | 11 |
| 8 hours ----- | 8 | 5 | 15 | 8 | 3 | - |
| No premium pay ----- | 40 | - | 22 | 7 | 56 | 89 |
| No formal policy ----- | 2 | - | - | - | - | - |
| <u>Weekly overtime</u> | | | | | | |
| Time and one-half effective after: | | | | | | |
| 35 hours ----- | 1 | 5 | - | - | - | - |
| 36 1/4 hours ----- | 50 | 90 | 63 | 85 | 41 | 11 |
| 40 hours ----- | 49 | 5 | 37 | 15 | 59 | 89 |

¹ Includes data for States in addition to those shown separately.

² Includes data for both East and West Kentucky.

Table 57. Surface Mines: Shift Differential Practices

(Percent of production workers employed on late shifts by amount of pay differential, United States and selected States, January 1967)

| Shift differential | United States ¹ | Illinois | Kentucky | | Ohio | Pennsylvania |
|--|----------------------------|----------|--------------------|------|------|--------------|
| | | | Total ² | West | | |
| <u>Second shift</u> | | | | | | |
| Workers employed on second shifts | 18.6 | 23.8 | 24.2 | 27.1 | 19.7 | 16.7 |
| Receiving shift differential | 11.8 | 23.1 | 18.9 | 25.5 | 10.8 | 1.8 |
| Uniform cents per hour | 11.4 | 23.1 | 18.6 | 25.0 | 10.8 | 1.8 |
| 6 cents | .2 | - | - | .5 | - | - |
| 8 cents | 11.2 | 23.1 | 18.6 | 25.0 | 10.3 | 1.6 |
| 15 cents | .1 | - | - | - | - | .2 |
| Uniform percentage payments | .3 | - | - | - | - | - |
| 8 percent | .3 | - | - | - | - | - |
| 8 hours' pay for 7½ hours' work | .1 | - | .4 | .5 | - | - |
| Receiving no shift differential | 6.9 | .8 | 5.2 | 1.6 | 8.9 | 14.9 |
| <u>Third or other late shift</u> | | | | | | |
| Workers employed on third or other late shifts | 8.4 | 10.9 | 12.3 | 16.6 | 9.7 | 6.5 |
| Receiving shift differential | 5.9 | 10.4 | 11.8 | 15.9 | 5.4 | 1.1 |
| Uniform cents per hour | 5.9 | 10.4 | 11.5 | 15.5 | 5.4 | 1.1 |
| 10 cents | 5.8 | 10.4 | 11.5 | 15.5 | 5.4 | 1.1 |
| Uniform percentage payments | .1 | - | - | - | - | - |
| 10 cents | .1 | - | - | - | - | - |
| 8 hours' pay for 7½ hours' work | (³) | - | .3 | .5 | - | - |
| Receiving no shift differential | 2.5 | .6 | .5 | .7 | 4.2 | 5.4 |

¹ Includes data for States in addition to those shown separately.

² Includes data for both East and West Kentucky.

³ Less than 0.05 percent.

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

Table 58. Surface Mines: Paid Holidays

(Percent of production workers in mines having formal provisions for paid holidays, United States and selected States, January 1967)

| Number of paid holidays | United States ¹ | Illinois | Kentucky | | Ohio | Pennsylvania |
|--|----------------------------|----------|--------------------|------|------|--------------|
| | | | Total ² | West | | |
| All workers | 100 | 100 | 100 | 100 | 100 | 100 |
| Workers in mines having paid holidays | 55 | 95 | 66 | 89 | 41 | 20 |
| 1 day | 1 | - | - | - | - | 3 |
| 5 days | (³) | - | - | - | - | - |
| 6 days | 2 | - | - | - | - | 7 |
| 7 days | 1 | - | 4 | 5 | - | - |
| 8 days | 51 | 95 | 62 | 84 | 41 | 10 |
| Workers in mines having no paid holidays | 45 | 5 | 34 | 11 | 59 | 80 |

¹ Includes data for States in addition to those shown separately.

² Includes data for both East and West Kentucky.

³ Less than 0.5 percent.

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

Table 59. Surface Mines: Paid Vacations

(Percent of production workers in mines having contracts with the United Mine Workers of America (UMWA) and in other mines with formal provisions for paid vacations, United States and selected States, January 1967)

| Vacation policy | United States ¹ | Illinois | Kentucky | | Ohio | Pennsylvania |
|--|----------------------------|----------|--------------------|------|------|--------------|
| | | | Total ² | West | | |
| All workers | 100 | 100 | 100 | 100 | 100 | 100 |
| Workers in mines having contracts with UMWA ³ | 52 | 90 | 66 | 89 | 41 | 10 |
| Workers in other mines providing paid vacations | 26 | 8 | 13 | 4 | 33 | 45 |
| <u>Method of payment</u> | | | | | | |
| Length-of-time payment | 14 | - | 9 | 4 | 20 | 34 |
| Flat-sum payment..... | 10 | 5 | - | - | 13 | 11 |
| Other | 2 | 3 | 5 | - | - | - |
| <u>Amount of vacation pay⁴</u> | | | | | | |
| After 1 year of service: | | | | | | |
| Under 1 week | 3 | - | 5 | - | 3 | 4 |
| 1 week | 14 | - | 9 | 4 | 29 | 23 |
| Over 1 and under | | | | | | |
| 2 weeks | 4 | - | - | - | 1 | 7 |
| 2 weeks | 1 | 5 | - | - | - | - |
| Over 2 and under | | | | | | |
| 3 weeks | 1 | - | - | - | - | - |
| 3 weeks | 1 | 3 | - | - | - | - |
| After 2 years of service: | | | | | | |
| Under 1 week | 3 | - | 5 | - | 3 | 4 |
| 1 week | 16 | - | 9 | 4 | 29 | 34 |
| Over 1 and under | | | | | | |
| 2 weeks | 4 | - | - | - | 1 | 7 |
| 2 weeks | 1 | 5 | - | - | - | - |
| Over 2 and under | | | | | | |
| 3 weeks | 1 | - | - | - | - | - |
| 3 weeks | 1 | 3 | - | - | - | - |
| After 5 years of service: ⁵ | | | | | | |
| Under 1 week | 2 | - | 5 | - | 3 | - |
| 1 week | 15 | - | 9 | 4 | 19 | 38 |
| Over 1 and under | | | | | | |
| 2 weeks | 4 | - | - | - | 1 | 7 |
| 2 weeks | 3 | 5 | - | - | 10 | - |
| Over 2 and under | | | | | | |
| 3 weeks | 1 | - | - | - | - | - |
| 3 weeks | 1 | 3 | - | - | - | - |
| Workers in other mines providing no paid vacations | 23 | 2 | 21 | 8 | 26 | 45 |

¹ Includes data for States in addition to those shown separately.
² Includes data for both East and West Kentucky.
³ Workers covered by these contracts usually received 2 weeks paid vacation—10 times the employee's day wage rate—after 1 year or more of service; pro rata payments were provided workers having less than 1 year of service. A few mines having contracts with the UMWA reported vacation provisions which differed from those stated.
⁴ Vacation payments such as flat sum payments were converted to an equivalent time basis. Periods of service were arbitrarily chosen and do not necessarily reflect the individual establishment provisions for progression. For example, the changes in proportions indicated at 5 years may include changes occurring between 2 and 5 years.
⁵ Vacation provisions were nearly the same after longer periods of service.

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

Table 60. Surface Mines: Health, Insurance, and Pension Plans

(Percent of production workers in mines having contracts with United Mine Workers (UMWA) and in other mines with specified health, insurance, and pension plans, United States and selected States, January 1967)

| Type of plan ¹ | United States ² | Illinois | Kentucky | | Ohio | Pennsylvania |
|--|----------------------------|----------|--------------------|------|------|--------------|
| | | | Total ³ | West | | |
| All workers..... | 100 | 100 | 100 | 100 | 100 | 100 |
| Workers in mines having contracts with UMWA ⁴ | 52 | 90 | 66 | 89 | 41 | 10 |
| Workers in other mines providing: | | | | | | |
| Life insurance | 18 | 8 | 10 | 7 | 23 | 22 |
| Employer financed | 13 | 8 | 10 | 7 | 15 | 8 |
| Jointly financed | 5 | - | - | - | 9 | 14 |
| Accidental death and dismemberment insurance | 17 | 5 | 10 | 7 | 23 | 30 |
| Employer financed | 11 | 5 | 10 | 7 | 15 | 13 |
| Jointly financed | 6 | - | - | - | 9 | 18 |
| Sickness and accident insurance, or sick leave, or both ⁵ | 8 | 8 | - | - | 19 | 14 |
| Sickness and accident insurance | 8 | 8 | - | - | 19 | 14 |
| Employer financed | 5 | 5 | - | - | 11 | 9 |
| Jointly financed | 3 | 3 | - | - | 9 | 5 |
| Sick leave (full pay, no waiting period)..... | 5 | 5 | - | - | 11 | 9 |
| Sick leave (partial pay or waiting period)..... | 3 | 3 | - | - | 9 | 5 |
| Hospitalization insurance | 28 | 8 | 32 | 11 | 36 | 32 |
| Employer financed | 20 | 8 | 32 | 11 | 21 | 16 |
| Jointly financed | 8 | - | - | - | 15 | 16 |
| Surgical insurance | 26 | 8 | 32 | 11 | 36 | 24 |
| Employer financed | 19 | 8 | 32 | 11 | 21 | 14 |
| Jointly financed | 6 | - | - | - | 15 | 10 |
| Medical insurance | 23 | 8 | 28 | 7 | 28 | 22 |
| Employer financed | 18 | 8 | 28 | 7 | 20 | 12 |
| Jointly financed | 5 | - | - | - | 9 | 10 |
| Castastrophe insurance | 9 | - | 3 | - | 17 | 14 |
| Employer financed | 6 | - | 3 | - | 8 | 9 |
| Jointly financed | 3 | - | - | - | 9 | 5 |
| Retirement pension | 6 | 8 | - | - | 14 | 3 |
| Employer financed | 5 | 8 | - | - | 12 | 3 |
| Jointly financed | 1 | - | - | - | 2 | - |
| No plans | 19 | 2 | 2 | - | 24 | 51 |

¹ Includes only those plans for which at least part of the cost is borne by the employer, and excludes legally required plans, such as workmen's compensation and social security; however, plans required by State temporary disability insurance laws are included only if the employer contributes more than is legally required or the employees receive benefits in excess of legal requirements.
² Includes data for States in addition to those shown separately.
³ Includes data for both East and West Kentucky.
⁴ The UMWA Welfare and Retirement Fund provided hospital and medical care benefits, benefits to widows and orphans, and pension benefits. Estimates relate to the proportion of workers in mines having contracts with the UMWA; the proportion of workers actually eligible for the benefits stated may be somewhat smaller, since the UMWA Welfare and Retirement Fund may withdraw benefits from workers in mines that are in violation of the Fund's Trust provisions.
⁵ Unduplicated total of workers receiving sick leave or sickness and accident insurance shown separately.

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

Appendix A. Scope and Method of Survey

Scope of Survey

The survey covered establishments primarily engaged in producing bituminous coal or in developing bituminous coal mines (part of industry 1211 as defined in the 1957 edition of the Standard Industrial Classification Manual and 1963 Supplement, prepared by the U.S. Bureau of the Budget). Included were underground, strip, and auger mines, and coal cleaning, crushing, screening, and sizing plants operated in conjunction with the mines served. Separate auxiliary units such as central offices were excluded, as were establishments limited to coal cleaning and/or preparation.

The mines studied were selected from those employing 10 workers or more at the time of reference of the data used in compiling the universe list. This list was obtained from the U.S. Bureau of Mines.

The number of establishments and workers actually studied by the Bureau, as well as the number estimated to be in the industry during the payroll period studied, are shown in the table on the following page.

Method of Study

Data were obtained by personal visits of Bureau field economists under the direction of the Bureau's Assistant Regional Directors, Division of Operations. The survey was conducted on a sample basis. To obtain appropriate accuracy at minimum cost, a greater proportion of large than of small establishments was studied. In combining the data, however, all establishments were given their appropriate weight. All estimates are presented, therefore, as relating to all establishments in the industry, excluding only those below the minimum size at the time of reference of the universe data.

Establishment Definition

An establishment for purposes of this study is defined as a single mine with or without a coal preparation plant. Individual shafts, openings, or sites are not considered as separate mining establishments if they are in the same locality and operated by common management or joint handling. An establishment, however, is not necessarily identical with the company, which may consist of one establishment or more (mines).

Employment

The estimates of the number of workers within the scope of the study are intended as a general guide to the size and composition of the labor force included in the survey. The advance planning necessary to make a wage survey requires the use of lists of establishments assembled considerably in advance of the payroll period studied.

Production Workers

The term "production workers," as used in this bulletin, includes working foremen and all nonsupervisory workers (including leadmen and trainees) engaged in excavating, hauling, trucking, hoisting, ventilating, draining, drilling, blasting, loading, crushing, processing, inspecting, storage handling, warehousing, shipping, maintenance, repair, janitorial, watchmen services, development (except construction performed by separate work force), auxiliary production for plant's own use (e.g., powerplant), and recordkeeping and other services closely associated with the above production operations.

Estimated number of establishments and workers within scope of the bituminous coal mining survey and number studied, January 1967

| Type of mine and State | Number of establishments ¹ | | Workers in establishments | | |
|----------------------------------|---------------------------------------|---------|---------------------------|--------------------|--------------------|
| | Within scope of study | Studied | Within scope of study | | Studied |
| | | | Total ² | Production workers | Total ² |
| All mines | | | | | |
| United States ³ ----- | 1,730 | 449 | 99,406 | 87,510 | 53,371 |
| Alabama----- | 79 | 27 | 5,087 | 4,517 | 4,160 |
| Illinois----- | 64 | 38 | 7,542 | 6,618 | 6,640 |
| Kentucky----- | 318 | 76 | 13,812 | 12,171 | 8,222 |
| East ⁴ ----- | 273 | 48 | 9,745 | 8,564 | 4,680 |
| West ⁵ ----- | 45 | 28 | 4,067 | 3,607 | 3,542 |
| Ohio----- | 134 | 48 | 6,127 | 5,373 | 4,184 |
| Pennsylvania----- | 322 | 79 | 18,772 | 16,480 | 9,371 |
| Virginia----- | 200 | 45 | 7,038 | 6,438 | 3,505 |
| West Virginia----- | 468 | 99 | 35,152 | 30,875 | 14,366 |
| Underground mines | | | | | |
| United States ³ ----- | 1,167 | 293 | 82,524 | 72,644 | 45,229 |
| Alabama----- | 46 | 20 | 4,369 | 3,848 | 4,014 |
| Illinois----- | 30 | 19 | 4,518 | 3,985 | 4,347 |
| Kentucky----- | 252 | 54 | 11,446 | 10,107 | 6,542 |
| East ⁴ ----- | 228 | 40 | 9,140 | 8,033 | 4,536 |
| West ⁵ ----- | 24 | 14 | 2,306 | 2,074 | 2,006 |
| Ohio----- | 26 | 18 | 2,943 | 2,612 | 2,769 |
| Pennsylvania----- | 139 | 42 | 14,932 | 13,029 | 8,163 |
| Virginia----- | 188 | 41 | 6,778 | 6,203 | 3,407 |
| West Virginia----- | 402 | 78 | 33,691 | 29,617 | 13,833 |
| Surface mines | | | | | |
| United States ³ ----- | 563 | 156 | 16,882 | 14,866 | 8,142 |
| Illinois----- | 34 | 19 | 3,024 | 2,633 | 2,293 |
| Kentucky----- | 66 | 22 | 2,366 | 2,064 | 1,680 |
| West ⁵ ----- | 21 | 14 | 1,761 | 1,533 | 1,536 |
| Ohio----- | 108 | 30 | 3,184 | 2,761 | 1,415 |
| Pennsylvania----- | 183 | 37 | 3,840 | 3,451 | 1,208 |

¹ Includes only establishments with 10 workers or more at the time of reference of the universe data.

² Includes executive, professional, office clerical, and other workers excluded from the production worker category shown separately.

³ Includes data for States in addition to those shown separately. Alaska and Hawaii were not included in the survey.

⁴ East Kentucky includes the following counties: Bell, Boyd, Breathitt, Carter, Clay, Elliott, Floyd, Greenup, Harlan, Jackson, Johnson, Knott, Knox, Laurel, Lawrence, Lee, Leslie, Letcher, McCreary, Magoffin, Martin, Morgan, Owsley, Perry, Pike, Pulaski, Rockcastle, Wayne, and Whitley.

⁵ West Kentucky includes the following counties: Butler, Christian, Crittenden, Daviess, Hancock, Henderson, Hopkins, Logan, McLean, Muhlenberg, Ohio, Simpson, Todd, Union, Warren, and Webster.

Occupations Selected for Study

Occupational classification was based on a uniform set of job descriptions designed to take account of interestablishment and interarea variations in duties within the same job. (See appendix B for these descriptions.) The occupations were chosen because of their numerical importance, their usefulness in collective bargaining, or their representativeness of the entire job scale in the industry. Working supervisors, apprentices, learners, beginners, trainees, handicapped, part-time, temporary, and probationary workers were not reported in the data for selected occupations, but were included in the data for all production workers.

Labor-Management Agreements

Separate wage data are presented, where possible, for establishments having (1) a majority of the production workers covered by labor-management contracts, and (2) none or a minority of the production workers covered by labor-management contracts.

Wage Data

The wage information relates to average straight-time hourly and weekly earnings, excluding premium pay for overtime and for work on weekends, holidays, and late shifts. Incentive payments, such as those resulting from piecework or production bonus systems, and cost-of-living bonuses were included as part of the workers' regular pay; but nonproduction bonus payments, such as Christmas or yearend bonuses, were excluded.

Average hourly rates or earnings for each occupation or other group of workers, such as production workers, were calculated by weighting each rate (or hourly earnings) by the number of workers receiving the rate, totaling, and dividing by the number of individuals. The hourly earnings of salaried workers were obtained by dividing straight-time salary by normal rather than actual hours. Weekly earnings are the product of straight-time hourly earnings and weekly hours worked, including paid travel time and paid lunch periods.

Average Weekly Hours Worked

Data relate to the weekly hours actually worked, including paid travel time and paid lunch periods, by employees during the payroll period studied.

Scheduled Weekly Hours

Data on weekly hours refer to the predominant work schedule, including paid travel time and paid lunch periods, for full-time production workers employed on the day shift.

Overtime Premium Pay

Provisions for overtime premium pay were considered as applying to all production workers in a particular category (e.g., inside workers, outside workers on noncontinuous operations) in an establishment if half or more of such workers were covered, and nonexistent for the category if fewer than half were covered. Daily overtime refers to work in excess of a specified number of hours a day, regardless of the number of hours worked on the previous days of the pay period. Weekly overtime refers to work in excess of a specified number of hours per week, regardless of the day on which it is performed, the number of hours per day, or number of days worked.

Shift Practices

Data refer to the practices of establishments operating extra shifts during the payroll period studied.

Supplementary Wage Provisions

Supplementary benefits were treated statistically on the basis that, if formal provisions were applicable to half or more of the production workers in an establishment, the benefits were considered applicable to all such workers. Similarly, if fewer than half of the workers were covered, the benefit was considered nonexistent in the establishment. The proportion of workers receiving the benefits may be smaller than estimated because of length-of-service and other eligibility requirements.

Paid Holidays. Paid holiday provisions relate to full-day and half-day holidays provided annually.

Paid Vacations. The summary of vacation plans is limited to formal arrangements, excluding informal plans whereby time off with pay is granted at the discretion of the employer or the supervisor. Payments not on a time basis were converted to an equivalent time basis. The periods of service for which data are presented were selected as representative of the most common practices, but they do not necessarily reflect individual establishment provisions for progression. For example, the changes in proportions indicated at 5 years of service in surface mines include changes in provisions which may have occurred between 2 and 5 years.

Health, Insurance, and Pension Plans. Data are presented for all health, insurance, and pension plans for which all or a part of the cost is borne by the employer, excluding only programs required by law such as workmen's compensation and social security. Among the plans included are those underwritten by a commercial insurance company, those provided through a union fund, and those paid directly by the employer from his current operating funds or from a fund set aside for this purpose.

Death benefits are included as a form of life insurance. Sickness and accident insurance is limited to that type of insurance under which predetermined cash payments are made directly to the insured on a weekly or monthly basis during illness or accident disability. Information is presented for all such plans to which the employer contributes at least part of the cost. However, in New York and New Jersey, where temporary disability insurance laws require employer contributions,¹⁵ plans are included only if the employer (1) contributes more than is legally required, or (2) provides the employees with benefits which exceed the requirements of the law.

Tabulations of paid sick leave plans are limited to formal plans which provide full pay or a proportion of the worker's pay during absence from work because of illness; informal arrangements have been omitted. Separate tabulations are provided, according to (1) plans which provide full pay and no waiting period, and (2) plans providing either partial pay or a waiting period.

Medical insurance refers to plans providing for complete or partial payment of doctors' fees. Such plans may be underwritten by a commercial insurance company or a nonprofit organization, or they may be self-insured.

Catastrophe insurance, sometimes referred to as extended or major medical insurance, includes plans designed to cover employees in case of sickness or injury involving an expense which goes beyond the normal coverage of hospitalization, medical, and surgical plans.

Tabulations of retirement pensions (other than social security benefits) are limited to plans which provide, on retirement, regular payments for the remainder of the worker's life.

¹⁵ The temporary disability insurance laws of California and Rhode Island do not require employer contributions.

Appendix B. Occupational Descriptions

The primary purpose of preparing job descriptions for the Bureau's wage surveys is to assist its field staff in classifying into appropriate occupations workers who are employed under a variety of payroll titles and different work arrangements from establishment to establishment and from area to area. This permits the grouping of occupational wage rates representing comparable job content. Because of this emphasis on interestablishment and inter-area comparability of occupational content, the Bureau's job descriptions may differ significantly from those in use in individual establishments or those prepared for other purposes. In applying these job descriptions, the Bureau's field economists are instructed to exclude working supervisors, apprentices, learners, beginners, trainees, handicapped, part-time, temporary, and probationary workers.

AUGER-MACHINE OPERATOR

Operates an auger machine to remove coal from a seam near the surface of the ground (out crop). Work involves most of the following: Positioning machine in work area; moving levers and operating controls to advance the auger (bit) into the coal seam; withdrawing auger and attaching additional sections of auger; changes auger head as required; and makes necessary adjustments and minor repairs. May grease and oil machine.

BONDER-WIREMAN

(Bondman; railbonder and wireman)

Welds or attaches copper connections in place between joints of track rails, used for trolley locomotives to complete electrical circuit between sections of rails, and/or installs supports for wires and strings, or hangs telephone, trolley, or signal wires; and makes minor repairs to communications systems, switches, and other equipment. Workers performing the duties of bonder-wireman in addition to those defined for maintenance electricians are to be classified as maintenance electricians.

BOOM-CONVEYOR OPERATOR

(Loader-head man; boom man)

Operates the conveyor or conveyor loading boom in the transportation of mine timbers or other supplies and coal. Work involves most of the following: Starts specified boom conveyor and conveyor belts; regulates conveyor speed as required; and observes controls to detect malfunctions of conveyor system. May oil and grease, and make minor adjustments to conveyor system; and may operate drum hoist to position cars under conveyor.

BRAKEMAN

(Coupler; nipper; rope rider; trip rider)

Rides on trains or trips of cars hauled by locomotive or hoisting cable or chain, and assists in their transportation to the foot of shaft or other mine opening. Work involves most of the following: Operating or throwing switches; coupling and uncoupling cars or attaching and detaching cars to and from cable; opening and closing ventilation doors; and directing movement of train by signaling motorman. Excludes brakemen working outside the mine most of the time.

BRATTICEMAN

(Air man; canvas man; ventilation man)

Builds doors or brattices (ventilation walls or partitions) in underground passageways to control the proper circulation of air through the passageways and to the working places. Work involves most of the following: Determining location for and kind of brattice construction to be used; building temporary brattices made of brattice cloth or wood, or permanent brattices or stoppings of wood, stone, brick, mortar, or concrete; installing trapdoors of wood, brattice cloth or other material along the passageways; and sealing or closing abandoned sections of the mine.

BULLDOZER OPERATOR

(Cat operator; grader man; scraper man)

Operates tractor with concave steel scraper blade mounted in front of chassis to level, distribute, and push earth and other materials in surface coal mining operations.

For wage study purposes, bulldozer operators are classified according to the type of material being moved, as follows:

- Bulldozer operator, overburden
- Bulldozer operator, other than overburden
- Bulldozer operator, combination of overburden and other

CAR DROPPER

(Car nipper; car runner; culm runner; load dropper)

Runs cars down inclined haulageways from working places to switches or sidings at shaft or along main haulageways. Work involves: Pushing cars down incline, one at a time; riding cars on steeper inclines and controlling speed or stopping them with brakes or by poking sprags between the spokes of the wheels; or hooking cable to cars and lowering them down incline, checking their movement by applying the brake on the drum around which the cable is wound.

CAR DUMPER

(Coal dumper; dumper)

Operates a car-dumping device to unload mine cars at the tipple; directing coal or slate into separate bins by means of an unloading chute; and moving cars to and from the dumping device with a feeder or car retarder.

CAR REPAIRMAN

(Mine-car repairer; pit-car repairer)

Reconditions mine cars by repairing worn or broken parts or by replacing such parts with new ones. Work involves most of the following: Inspecting mine cars, noting the condition of various parts, and determining need for repair or replacement of parts; making replacements of worn or broken parts such as axles, wheels and couplings; repairing old wood parts, or making, fitting, and installing new wood parts; and straightening or repairing parts.

CONTINUOUS MINING-MACHINE OPERATOR

(Goodman borer; Joy ripper; Joy borer; Marietta auger; Wilcox auger; Jeffery borer and colmol; Lee-Norse ripper type)

Operates self-propelled continuous mining machine to mine coal in underground mine. Work involves most of the following: Driving machine into position at working face; moving levers to sump (advance) ripper bar or boring head into face of coal seam; starting machine to gather coal and convey it to floor or haulage car; repairing, oiling, and adjusting machine and changing cutting teeth, using wrench. May move lever to raise and lower hydraulic safety bar which supports roof above machine until roof bolters complete their work and testing working place for methane gas and unsafe roof conditions.

CONTINUOUS MINING-MACHINE OPERATOR'S HELPER

Assists in the operation of a continuous mining machine. Work involves most of the following: Guiding operator when moving machine; testing work place for presence of gas; assisting in setting up machine; removing cuttings to keep path of machine clear; repairing, oiling, and adjusting machine and changing cutting teeth, using wrench.

CONVEYOR BELT CLEANER

(Cleaner; beltman)

Cleans, oils, and greases the moving parts or wearing surfaces of conveyor belt systems; and removes coal or other material from around conveyor belt system to prevent abrasion of belt and excessive wear of other parts. May make minor repairs and adjustments to belts.

CUTTING-MACHINE OPERATOR

(Coal cutter; machine man)

Operates a coal-cutting machine to undercut, centercut, or overcut the coal seam at a working face, thereby facilitating the shooting down of coal. Work involves most of the following: Testing working place for gas and for unsafe roof and wall conditions; bringing machine to working face and setting it up for cutting; manipulating controls on machine in undercutting, centercutting, or overcutting the face of the coal seam; greasing, oiling, and making minor repairs to machine; and directing the activities of one helper or more.

CUTTING-MACHINE OPERATOR'S HELPER

(Coal-cutter's helper; machine man's helper)

Assists coal cutting-machine operator. Work involves most of the following: Throwing track switches, opening and closing trapdoors, and guiding operator when moving machine; testing working place for presence of gas; assisting operator in timbering work and setting up machine for cutting; removing cuttings to keep path of machine clear; changing cutting bits; greasing and oiling machine; and operating machine as a relief operator.

DRILLER, MACHINE

(Coal driller; drill man; machine driller; power driller)

Operates a portable power-driven drilling machine to drill coal, rock, or other materials to make holes for explosives. Work involves most of the following: Positioning drilling equipment and making power connections; drilling shot holes as needed to obtain desired breakage from blasting; and lubricating, adjusting, and making minor repairs to machine. May, in addition, direct work of a helper, and insert and set off charges of explosives in the holes. In underground mines, may also test roof for dangerous conditions and set safety jacks where needed.

DRILLER, MACHINE—Continued

For wage study purposes, machine drillers are classified according to the type of mine and type of material drilled, as follows:

- Driller, machine, underground mine
- Driller, machine, surface mine, coal
- Driller, machine, surface mine, overburden
- Driller, machine, surface mine, other (including combination of coal and overburden)

ELECTRICIAN, MAINTENANCE

Performs a variety of electrical trade functions such as the installation, maintenance, or repair of equipment for the generation, distribution, or utilization of electric energy in an establishment. Work involves most of the following: Installing or repairing any of a variety of electrical equipment such as generators, transformers, switchboards, controllers, circuit breakers, motors, heating units, conduit systems, or other transmission equipment; working from blueprints, drawings, layout, or other specifications; locating and diagnosing trouble in the electrical system or equipment; working standard computations relating to load requirements of wiring or electrical equipment; and using a variety of electrician's handtools and measuring and testing instruments. In general, the work of the maintenance electrician requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

For wage study purposes maintenance electricians are classified as follows:

- Electrician, maintenance, underground mine, inside
- Electrician, maintenance, underground mine, outside
- Electrician, maintenance, surface mine

ELECTRICIAN'S HELPER, MAINTENANCE

(See helper, maintenance trades)

ENGINEER, STATIONARY

Operates and maintains, and may also supervise the operation of stationary engines and equipment (mechanical or electrical) to supply the establishment in which employed with power, heat, refrigeration, or air-conditioning. Work involves: Operating and maintaining equipment such as steam engines, air compressors, generators, motors, turbines, ventilating and refrigerating equipment, steam boilers and boiler-fed water pumps; making equipment repairs; and keeping a record of operation of machinery, temperature, and fuel consumption. May also supervise these operations. Head or chief engineers in establishments employing more than one engineer are excluded.

GROUNDMAN

(Pitman; shovel operator helper)

Performs a variety of duties to aid operation of a power shovel employed in removing overburden and coal in an open-pit mine. Work involves a combination of the following: Moving up power lines or water lines and other supplies when power shovel is moved to a new position in the mine, removing obstructions in path of shovel; blocking treads or wheels to steady shovel; and moving overburden and coal within reach of power shovel, using a pick and shovel.

HELPER, MAINTENANCE TRADES

Assists one worker or more in the skilled maintenance trades by performing specific or general duties of lesser skill, such as keeping a worker supplied with materials and tools; cleaning working area, machine, and equipment; assisting worker by holding materials or tools; and performing other unskilled tasks as directed by journeyman. The kind of work the helper is permitted to perform varies from trade to trade: In some trades the helper is confined to supplying, lifting, holding materials and tools, and cleaning working areas; and in others he is permitted to perform specialized machine operations, or parts of a trade that are also performed by workers on a full-time basis.

HELPER, MAINTENANCE TRADES—Continued

For purposes of this study, maintenance trades helpers are limited to certain trades and classified according to type of mining operation, as follows:

Electrician's helper, underground, inside
 Mechanic's helper, underground, inside
 Mechanic's helper, underground, outside
 Mechanic's helper, surface mine

HOISTMAN

(Electric-hoist man; steam-hoist man)

Operates steam or electric hoisting machinery used to lower cages (elevators) and skips (large, metal, box-like containers) into a mine and to raise them to the surface from different levels. Work involves: Manipulating levers and pedals to raise or lower cage in response to bell or buzzer signals received from others, and stopping it when dial indicator and mark on hoisting cable or drum shows proper level has been reached; inspecting machinery frequently, especially the brakes, and adjusting them. (Men and supplies are carried in cages, while coal is handled in skips, though in some mines, loaded cars may be hoisted to the surface in cages.)

For wage study purposes, hoistmen are classified as follows:

Hoistman, underground mine, outside, noncontinuous operations
 Hoistman, underground mine, outside, continuous operations

LAMPMAN

(Battery charger; lamp cleaner; lamphouse man; safety lamp keeper)

Services electric and other lamps and batteries used in mines. Work involves most of the following: Cleaning, testing, and repairing lamps; adding chemicals and charging the small batteries after each shift; and issuing locked and lighted lamps to miners. May keep records such as number of men underground by number of lamps issued.

LOADER, HAND

(Car loader; conveyor loader, shoveler)

Shovels coal into mine cars or onto conveyors from the mine floor at the working face. Work involves a combination of the following: Testing roof for unsafe condition and setting up supports as necessary; undercutting coal, drilling shot holes in working face, shooting coal down with explosives; loading coal onto conveyors or directly into mine cars; sorting out slate or other impurities; and extending mine tracks for convenience in loading.

LOADING-MACHINE OPERATOR

(Duckbill self-loading-conveyor operator; Joy loader operator; Jeffrey loader operator; loading-machine runner; mobile-loader operator, scraper-loader operator)

Operates one or more of a variety of types of coal-loading machines used to gather loose coal (or rock) at the working face and dump it into mine cars or upon a conveyor. Work involves most of the following: Inspecting and testing roof or working area for unsafe condition and setting up supports where necessary; moving track-mounted or crawler-tread-mounted machine to working face; manipulating machine controls to position the gathering head and to move machine as necessary in gathering and loading the coal; directing the activities of helpers; and greasing, oiling, and making minor repairs and adjustments to machine. May also test working place for methane gas.

MACHINIST, MAINTENANCE

Produces replacement parts and new parts in making repairs of metal parts of mechanical equipment operated in an establishment. Work involves most of the following: Interpreting written instructions and specifications; planning and laying out of work; using a variety of machinist's handtools and precision measuring instruments; setting up and operating standard machine tools; shaping of metal parts to close tolerances; making standard shop computations relating to dimensions of work, tooling, feeds and speeds of machining;

MACHINIST, MAINTENANCE—Continued

knowledge of the working properties of the common metals; selecting standard materials, parts, and equipment required for his work; and fitting and assembling parts into mechanical equipment. In general, the machinist's work normally requires a rounded training in machine-shop practice usually acquired through a formal apprenticeship or equivalent training and experience.

MECHANIC, MAINTENANCE

Repairs machinery or mechanical equipment of an establishment. Work involves most of the following: Examining machines and mechanical equipment to diagnose source of trouble; dismantling or partly dismantling machines and performing repairs that mainly involve the use of handtools in scraping and fitting parts; replacing broken or defective parts with items obtained from stock; ordering the production of a replacement part by a machine shop or sending of the machine to a machine shop for major repairs; preparing written specifications for major repairs or for the production of parts ordered from machine shop; reassembling machines; and making all necessary adjustments for operation. In general, the work of a maintenance mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Excluded from this classification are workers whose primary duties involve setting up or adjusting machines.

For wage study purposes, maintenance mechanics are classified as follows:

Mechanic, maintenance, underground mine, inside
 Mechanic, maintenance, underground mine, outside
 Mechanic, maintenance, surface mine

MECHANIC'S HELPER, MAINTENANCE

(See helper, maintenance trades.)

MINER, PICK

(Cutter, hand; miner, hand)

Uses handtools to extract coal in an underground mine (usually a small mine where specialization and mechanization is impractical). Work involves most of the following: Performing timbering as necessary to support roofs and walls of working areas; undercutting the working face of coal to facilitate the loosening of coal; breaking down coal face with a pick, or boring shot holes for blasting; shoveling coal into cars and pushing them to haul-away; and laying and maintaining track. May also insert and set off explosives in shot holes.

MOTORMAN (Inside)

(Dinkey engineer; haulage engineer)

Operates a locomotive for hauling empty or loaded mine cars to and from designated places inside or outside of the mine.

OILER AND GREASER

Lubricates, with oil or grease, the moving parts or wearing surfaces of mechanical equipment of an establishment. Excludes workers classified as conveyor belt cleaner.

For wage study purposes, oilers and greasers are classified as follows:

Oiler and greaser, underground mine, inside
 Oiler and greaser, underground mine, outside
 Oiler and greaser, surface mine

POWER-SHOVEL OPERATOR

(Power-shovel engineer)

Operates any one of various types of power shovels to remove overburden from the coal seam or to load coal or other material into trucks or other transportation equipment.

POWER-SHOVEL OPERATOR—Continued

For wage study purposes, power-shovel operators are classified according to the type of material they load or remove, as follows:

- Power-shovel operator, coal
- Power-shovel operator, overburden
- Power-shovel operator, other (including combination of coal and overburden)

PUMPMAN

(Pump operator; pumper)

Operates one motor-driven pump or more used to remove excess water from work areas in an underground or surface mine. Work involves most of the following: Setting or assisting in the work of setting the pumps at desired locations, or in laying, connecting and repairing pipe or hose lines; starting and stopping pumps; making necessary adjustments or minor repairs to equipment; and reporting on water levels in work areas.

For wage study purposes, pumpmen are classified as follows:

- Pumpman, underground mine, inside
- Pumpman, surface mine

ROOF BOLTER

Operates self-propelled machine or percussion-type air drill to install roof support bolts in underground mine. Work involves most of the following: Positioning safety jack to support roof until bolts can be installed; driving machine into position; inserting bit in drill chuck, and starting drill; moving lever to advance bit into roof at specified distance from rib or adjacent bolt; removing bit from chuck and replacing with bolt; starting hydraulic or air wrench action which forces bolt into hole; starting rotation of chuck to turn bolt and open expansion head to exert pressure upon rock formation; and testing bolt for specified tension, using torque wrench. May also test for unsafe roof conditions and methane gas.

SHOT FIRER

(Blaster; shooter; shot firemen)

Blasts coal, or rock loose from solid mass by charging, tamping, and setting off charges of explosives in drilled holes. Work involves most of the following: Preparing and placing explosive charge with primer inserted in shot hole, tamping charge in place; filling remainder of shot hole with noncombustible material, tamping it tightly and leaving a detonator wire extending outside the hole; preparing blasting equipment and setting off charge; examining areas in which charges have been set off and reporting on number and location of holes fired and those that fail to go off. In underground mines, may also test location for explosive gas. May also drill own shot holes.

For wage study purposes, shot firers are classified as follows:

- Shot firer, underground mine, inside
- Shot firer, surface mine

SHUTTLE-CAR OPERATOR

Drives electrically powered truck (shuttle car) in coal mine to transport coal from excavation point to conveyor belt or mine cars. Work involves most of the following: Manually attaches trailing cable of truck to power wires; positions car under boom of loading machine by manipulating control levers, pedals, and steering wheel; maneuvers car back and forth under boom until it is filled with coal; drives car to loader header of conveyor belt and presses button to load coal from truck to conveyor, or mine cars; and periodically inspects car and reports defects.

SLATE PICKER

(Coal cleaner)

Picks, by hand, pieces of slate, rock, or other foreign material from coal as it passes on conveyor, picking table, shaking screen, gravity screen, or from mine or railroad cars as they are being loaded.

For wage study purposes, slate pickers are classified as follows:

Slate picker, underground mine, outside

Slate picker, surface mine

TIMBERMAN

Installs sets of timbers underground to support the roofs and walls of haulageways, airways, and shafts. Work involves most of the following: Determining type of support required, the material to be used, and proper location for the installation; cutting or directing the cutting of timber to size; setting timbers in position and securing the support by wedging or by driving spikes or drift pins; and installing ladders, chutes, cribbing, or other framework.

TIPPLE OPERATOR

(Tipple engineer)

Operates engines or motors that drive conveyors, shaking screens, and other machinery in a tipple where coal is prepared for market.

For wage study purposes, tipple operators are classified as follows:

Tipple operator, underground mine, outside

Tipple operator, surface mine

TRACKMAN (Inside)

(Roadman; track layer)

Prepares the track bed, and lays, maintains, and repairs rail tracks in a mine. Work involves most of the following: Preparing track bed by grading; placing ties in position; laying and spacing rails, spiking or clamping rails to ties, joining rail sections and installing switches; inspecting established track to detect possible defects, making adjustments or replacements as necessary; and removing rails, ties, and other track parts from areas where they are no longer needed.

TRUCKDRIVER

Drives a truck to transport coal, overburden, or other materials and equipment or men in and around the mine, loading docks, or tipples and other areas as required. May also load or unload truck with or without helpers, make minor mechanical repairs, and keep truck in good working order.

For wage survey purposes, truckdrivers are classified by type of mine and by type of truck, as follows:

Truckdriver, trailer type, underground mine

Truckdriver, other than trailer type, underground mine

Truckdriver, combination of types, underground mine

Truckdriver, trailer type, surface mine

Truckdriver, other than trailer type, surface mine

Truckdriver, combination of types, surface mine

WELDER, MAINTENANCE

Performs the welding duties necessary to maintain machinery and equipment in good repair, by fusing (welding) metal objects together in the fabrication of metal shapes and in repairing broken or cracked metal objects. Work involves most of the following: Planning and laying out work from written or oral instructions and specifications; knowledge of welding properties of a variety of metals and alloys; setting up of work and determining operation sequence; welding a variety of items as necessary; and ability to weld with gas and arc apparatus.

Industry Wage Studies

The most recent reports for industries included in the Bureau's program of industry wage surveys since January 1950 are listed below. Those for which a price is shown are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, or any of its regional sales offices. Those for which a price is not shown may be obtained free as long as a supply is available, from the Bureau of Labor Statistics, Washington, D.C., 20212, or from any of the regional offices shown on the inside back cover.

I. Occupational Wage Studies

Manufacturing

- Basic Iron and Steel, 1962. BLS Bulletin 1358 (30 cents).
Candy and Other Confectionery Products, 1965. BLS Bulletin 1520 (30 cents).
*Canning and Freezing, 1957. BLS Report 136.
Cigar Manufacturing, 1967. BLS Bulletin 1581 (25 cents).
Cigarette Manufacturing, 1965. BLS Bulletin 1472 (20 cents).
Cotton Textiles, 1965. BLS Bulletin 1506 (40 cents).
Distilled Liquors, 1952. Series 2, No. 88.
- Fabricated Structural Steel, 1964. BLS Bulletin 1463 (30 cents).
Fertilizer Manufacturing, 1966. BLS Bulletin 1531 (30 cents).
Flour and Other Grain Mill Products, 1967. BLS Bulletin 1576 (25 cents).
Fluid Milk Industry, 1964. BLS Bulletin 1464 (30 cents).
Footwear, 1965. BLS Bulletin 1503 (50 cents).
Hosiery, 1964. BLS Bulletin 1456 (45 cents).
- Industrial Chemicals, 1965. BLS Bulletin 1529 (40 cents).
Iron and Steel Foundries, 1962. BLS Bulletin 1386 (40 cents).
Leather Tanning and Finishing, 1963. BLS Bulletin 1378 (40 cents).
Machinery Manufacturing, 1966. BLS Bulletin 1563 (70 cents).
Meat Products, 1963. BLS Bulletin 1415 (75 cents).
Men's and Boys' Shirts (Except Work Shirts) and Nightwear, 1964.
BLS Bulletin 1457 (40 cents).
Men's and Boys' Suits and Coats, 1963. BLS Bulletin 1424 (65 cents).
Miscellaneous Plastics Products, 1964. BLS Bulletin 1439 (35 cents).
Miscellaneous Textiles, 1953. BLS Report 56.
Motor Vehicles and Motor Vehicle Parts, 1963. BLS Bulletin 1393 (45 cents).
- Nonferrous Foundries, 1965. BLS Bulletin 1498 (40 cents).
Paints and Varnishes, 1965. BLS Bulletin 1524 (40 cents).
Paperboard Containers and Boxes, 1964. BLS Bulletin 1478 (70 cents).
Petroleum Refining, 1965. BLS Bulletin 1526 (30 cents).
Pressed or Blown Glass and Glassware, 1964. BLS Bulletin 1423 (30 cents).
*Processed Waste, 1957. BLS Report 124.
Pulp, Paper, and Paperboard Mills, 1962. BLS Bulletin 1341 (40 cents).
Radio, Television, and Related Products, 1951. Series 2, No. 84.
Railroad Cars, 1952. Series 2, No. 86.
*Raw Sugar, 1957. BLS Report 136.
- Southern Sawmills and Planing Mills, 1965. BLS Bulletin 1519 (30 cents).
Structural Clay Products, 1964. BLS Bulletin 1459 (45 cents).
Synthetic Fibers, 1966. BLS Bulletin 1540 (30 cents).
Synthetic Textiles, 1965. BLS Bulletin 1509 (40 cents).
Textile Dyeing and Finishing, 1965-66. BLS Bulletin 1527 (45 cents).

* Studies of the effects of the \$1 minimum wage.

I. Occupational Wage Studies—Continued

Manufacturing—Continued

- *Tobacco Stemming and Redrying, 1957. BLS Report 136.
- West Coast Sawmilling, 1964. BLS Bulletin 1455 (30 cents).
- Women's and Misses' Coats and Suits, 1965. BLS Bulletin 1508 (25 cents).
- Women's and Misses' Dresses, 1966. BLS Bulletin 1538 (30 cents).
- Wood Household Furniture, Except Upholstered, 1965. BLS Bulletin 1496 (40 cents).
- *Wooden Containers, 1957. BLS Report 126.
- Wool Textiles, 1966. BLS Bulletin 1551 (45 cents).
- Work Clothing, 1964. BLS Bulletin 1440 (35 cents).

Nonmanufacturing

- Auto Dealer Repair Shops, 1964. BLS Bulletin 1452 (30 cents).
- Banking, 1964. BLS Bulletin 1466 (30 cents).
- Bituminous Coal Mining, 1962. BLS Bulletin 1383 (45 cents).
- Communications, 1965. BLS Bulletin 1521 (20 cents).
- Contract Cleaning Services, 1965. BLS Bulletin 1507 (30 cents).
- Crude Petroleum and Natural Gas Production, 1960. BLS Report 181.
- Department and Women's Ready-to-Wear Stores, 1950. Series 2, No. 78.
- Eating and Drinking Places, 1963. BLS Bulletin 1400 (40 cents).
- Electric and Gas Utilities, 1962. BLS Bulletin 1374 (50 cents).
- Hospitals, 1966. BLS Bulletin 1553 (70 cents).
- Hotels and Motels, 1963. BLS Bulletin 1406 (40 cents).
- Laundry and Cleaning Services, 1966. BLS Bulletin 1544 (60 cents).
- Life Insurance, 1966. BLS Bulletin 1569 (30 cents).
- Motion Picture Theaters, 1966. BLS Bulletin 1542 (35 cents).
- Nursing Homes and Related Facilities, 1965. BLS Bulletin 1492 (45 cents).

II. Earnings Distributions Studies

- Factory Workers' Earnings—Distribution by Straight-Time Hourly Earnings, 1958. BLS Bulletin 1252 (40 cents).
- Factory Workers' Earnings—Selected Manufacturing Industries, 1959. BLS Bulletin 1275 (35 cents).
- Employees Earnings and Hours, June 1965—
 - Retail Trade. BLS Bulletin 1501 (50 cents).
 - Building Materials, Hardware, and Farm Equipment Dealers. BLS Bulletin 1501-1 (25 cents).
 - General Merchandise Stores. BLS Bulletin 1501-2 (40 cents).
 - Food Stores. BLS Bulletin 1501-3 (30 cents).
 - Automotive Dealers and Gasoline Service Stations. BLS Bulletin 1501-4 (40 cents).
 - Apparel and Accessory Stores. BLS Bulletin 1501-5 (45 cents).
 - Furniture, Home Furnishings, and Household Appliance Stores. BLS Bulletin 1501-6 (40 cents).
 - Miscellaneous Stores. BLS Bulletin 1501-7 (30 cents).
- Employee Earnings and Hours in Nonmetropolitan Areas of the South and North Central Regions, 1965. BLS Bulletin 1552 (50 cents).
- Employee Earnings and Hours in Eight Metropolitan Areas of the South, 1965. BLS Bulletin 1533 (40 cents).

* Studies of the effects of the \$1 minimum wage.

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 John F. Kennedy Federal Building
 Government Center, Room 1603-B
 Boston, Mass. 02203
 Tel.: 223-6762

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 1371 Peachtree Street, N.E.
 Atlanta, Ga. 30309
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Pacific
 450 Golden Gate Avenue
 Box 36017
 San Francisco, Calif. 94102
 Tel.: 556-4678

Mid-Atlantic
 341 Ninth Avenue
 New York, N.Y. 10001
 Tel.: 971-5405

North Central
 219 South Dearborn Street
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 911 Walnut Street
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