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SUBJECT REPORTS

Occupational Characteristics

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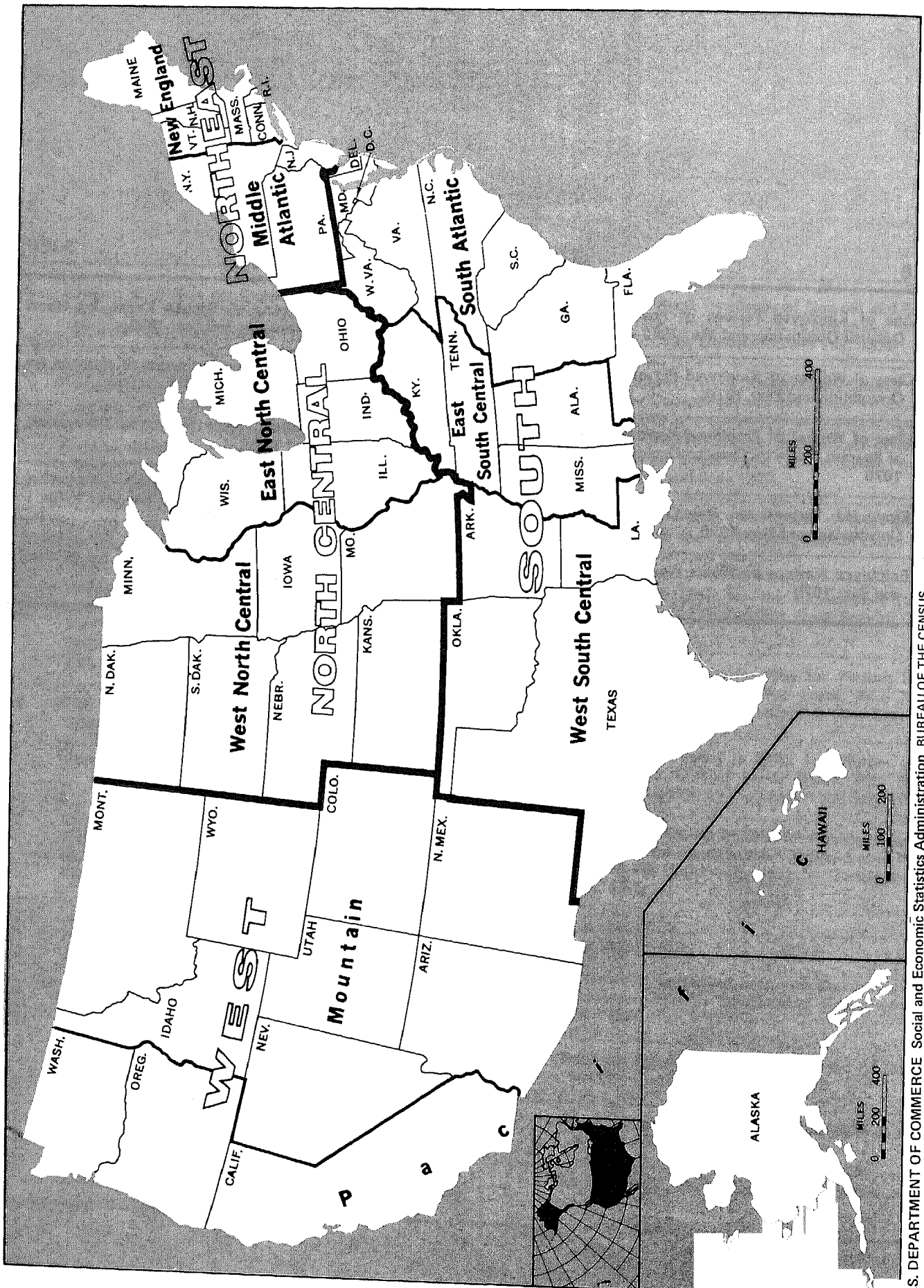
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Regions and Geographic Divisions of the United States



INTRODUCTION

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GENERAL

This report presents national statistics on occupation cross-classified by selected social and economic characteristics for the experienced civilian labor force and employed persons. The data are based on the 1970 Census of Population. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

A major portion of the information compiled from the 1970 Census of Population appears in Volume I, **Characteristics of the Population**, which focuses on the presentation of data for States, counties, places, and other areas of the United States. The present report is part of Volume II, **Subject Reports**, wherein most reports concentrate on the presentation of national and regional data for a particular subject. A list of Volume II subject reports from the 1970 census is presented on page II. For a description of Volumes I and II, as well as other elements of the data dissemina-

tion program of the 1970 Population and Housing Census, see Appendix E, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of changes were introduced in 1970 to improve the usefulness of the census results.

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.—The text consists of this introduction and Appendixes A through E, which appear after the tables. The introduction contains information relating specifically to the principal subject of this report, including definitions of terms and a discussion of editing procedures. Appendix A provides general information concerning the presentation of data in this series of reports and the collection and processing procedures of the 1970 census. Appendix B describes the various area classifications (e.g., urban and rural residence, urbanized areas, etc.) and also explains the residence rules used in counting the population. Appendix C provides brief definitions and explanations of subjects covered in cross-classifications in this report and other reports in this series. Appendix D presents information on sources of error in the data, sampling variability, ratio estimation, and editing procedures. Appendix E summarizes the data dissemination program.

Content of the tables.—Occupation data are presented for the experienced civilian labor force in tables 1 through 37 and for employed persons in tables 38 through 51. In addition, table 51 presents detailed occupations for the experienced unemployed and for persons not in the labor force but who worked at some time between 1960 and 1970. Occupation statistics are shown by such characteristics as age, race, Spanish origin, years of school completed, marital status, family relationship, hours worked, weeks worked in 1969, class of worker, earnings and family income in 1969, and residence in 1965.

Sample size.—All statistics in this report are based on the 5-percent sample adjusted to represent the total population. (See "Data Collection Procedures" in Appendix A.) An explanation of the ratio estimation procedure and information on the sampling variability associated with the data are contained in Appendix D.

RELATED MATERIALS

1970 census reports.—Statistics on occupation for the United States, regions, divisions, States, standard metropolitan statistical areas (SMSA's), urbanized areas, places of 2,500 or more, and counties have been published in chapter C of the 1970 Census of Population, Volume I, **Characteristics of the Population**. Statistics on detailed occupation classification and cross-classification of intermediate occupation groups with other characteristics are published in chapter D of Volume I for the United States, regions, States, and SMSA's of 250,000 or more.

The statistics shown in each of the State parts of Volume I are summarized for the United States in Volume I,

Part 1, "United States Summary." Chapters C and D were originally published as separate paperbound reports in Series PC(1)-C, **General Social and Economic Characteristics**, and PC(1)-D, **Detailed Characteristics**.

Statistics on selected occupations are also included for census tracts of 241 standard metropolitan statistical areas and selected adjacent areas in the 1970 Census of Population and Housing, Series PHC(1), **Census Tracts**.

Volume II subject report, PC(2)-7C, **Occupation by Industry**, presents detailed industry data by detailed occupation and sex. In lesser detail, industry is cross-classified by occupation and sex for race, Spanish origin, age, self-employed workers, and wage and salary workers. Additional reports in the Volume II series which show occupational data include PC(2)-7D, **Government Workers**; PC(2)-7E, **Occupation and Residence in 1965**; PC(2)-7F, **Occupations of Persons With High Earnings**; and PC(2)-6B, **Persons Not Employed**. Other subject reports also include occupational data, most often at the major group level.

Reports from earlier censuses.—Data for 1960 on occupation similar to those shown here are presented in the Volume II report, PC(2)-7A, **Occupational Characteristics**. Statistics on occupation for 1960 are presented for each of the States in chapters C and D of Volume I, **Characteristics of the Population**. These data are summarized for the United States in Volume I, Part 1, "United States Summary." Occupation data at the major group level for census tracts are included in Series PHC(1), **Census Tracts**.

Occupation data for 1950 are presented in Volume IV, Part 1B, **Occupational Characteristics**. Similar data for 1950 are presented for States in chap-

ters B and C of Volume II, **Characteristics of the Population**, and for the United States in Volume II, Part 1, "United States Summary." Occupation data for census tracts are included in Volume III, **Census Tract Statistics**. See the section on "Comparability With Other Data" for a discussion of the comparability of occupation data from the 1970 census with data from earlier censuses.

Current Population Survey.—Data on occupation are also collected by the Bureau of the Census through its Current Population Survey (CPS). The data for this survey were collected from a sample of approximately 50,000 households in 449 areas throughout the country. CPS data on major occupation group cross-classified by such characteristics as marital status, mobility, and income are published annually in Series P-20 and P-60, **Current Population Reports**. The intercensal statistics provided by the CPS are, in general, designed to be comparable with the decennial census statistics.

Unpublished data.—For most of the Volume II reports, statistics in addition to those published in the report are available on a reimbursable basis from computer tape files. Data shown for the United States as a whole are available for regions, divisions, and States, and, in a number of instances, the data for some characteristics were tabulated in greater detail than shown in the reports. Requests for unpublished data, giving a specific description of the figures desired, should be made in writing to the Director, Bureau of the Census, Washington, D.C. 20233. Inquiries concerning unpublished data should be transmitted to the Bureau as soon as possible since

tape files are not maintained indefinitely.

DEFINITIONS AND EXPLANATIONS OF PRINCIPAL SUBJECTS

The definitions and explanations below relate only to the principal subjects of this report. Brief definitions of other items that appear in cross-classifications in the tables of this report are presented in Appendix C.

The data on occupation, as well as industry and class of worker, were obtained from answers to questions 33 to 35 (see facsimile of questionnaire items on page IX). These questions were asked of all persons 14 years old and over in the 15- and 5-percent samples who worked at any time since 1960.

All three items relate to one specific job held by the person. In the 1970 census, information on occupation was collected for the employed, the experienced unemployed, and persons not currently in the labor force but with previous work experience. For an employed person, the information refers to the job held during the reference week, i.e., the week prior to enumeration. If he was employed at two or more jobs, the job at which he worked the greatest number of hours during the reference week was to be reported. For experienced unemployed persons and for those not in the labor force, the information refers to the last job they held.

This report presents occupation data for the experienced civilian labor force and for employed persons. In the census, data on occupation were collected only for persons who had worked in the last 10 years; hence no occupation data are available for those unemployed persons who last worked in 1959 or earlier. The written occupation descriptions from the questionnaire were converted to identifying

33-35. Current or most recent job activity
Describe clearly this person's chief job activity or business last week, if any. If he had more than one job, describe the one at which he worked the most hours.
If this person had no job or business last week, give information for last job or business since 1960.

33. Industry
a. For whom did he work? *If now on active duty in the Armed Forces, print "AF" and skip to question 36.*

(Name of company, business, organization, or other employer)

b. What kind of business or industry was this?
Describe activity at location where employed.

(For example: junior high school, retail supermarket, dairy farm, TV and radio service, auto assembly plant, road construction)

c. Is this mainly— *(Fill one circle)*

Manufacturing Retail trade
 Wholesale trade Other *(agriculture, construction, service, government, etc.)*

34. Occupation
a. What kind of work was he doing?

(For example: TV repairman, sewing machine operator, spray painter, civil engineer, farm operator, farm hand, junior high English teacher)

b. What were his most important activities or duties?

(For example: Types, keeps account books, files, sells cars, operates printing press, cleans buildings, finishes concrete)

c. What was his job title?

35. Was this person— *(Fill one circle)*

Employee of private company, business, or individual, for wages, salary, or commissions...

Federal government employee

State government employee.....

Local government employee *(city, county, etc.)*...

Self-employed in own business, professional practice, or farm—

 Own business not incorporated

 Own business incorporated

Working without pay in family business or farm

codes by relating these descriptions to an entry in the 1970 Census of Population, Alphabetical Index of Industries and Occupations, U.S. Government Printing Office, Washington, D.C., 1971.

Occupation Classification System

The occupation classification system developed for the 1970 census consists of 441 specific occupation categories arranged into 12 major groups. Primarily two levels of classification are presented in this report. Tables using the detailed classification display the complete listing of occupations. The intermediate classification, consisting of 129 occupation categories for males and 90 for females, represents combinations of occupation categories in the detailed systems. The relationship between the detailed and intermediate levels of classification is presented at the end of this introduction in list A for males and list B for females. In addition, tables focusing on wage and salary workers use a third occupation stub which presents data on selected occupations important for this group.

Relation to Dictionary of Occupational Titles.—The population census occupational classification system is generally comparable with the system used in the Dictionary of Occupational Titles (DOT) with the exception of the blue collar workers.¹ The DOT structure for these occupations is quite different from that used by the Bureau of the Census. An important reason for this is that the two systems are designed to meet different needs and to be used under different circum-

¹See U.S. Department of Labor, Bureau of Employment Security, Dictionary of Occupational Titles, Third edition, Volumes I and II, Washington, D.C., 1965.

stances. The DOT system is designed primarily for employment service needs, such as placement and counseling, and is ordinarily used to classify very detailed occupational information obtained in an interview with the worker himself. The census system, on the other hand, is designed for statistical purposes and is ordinarily used in the classification of limited occupational descriptions obtained in a self-enumeration questionnaire or in an interview with a member of the worker's family. Thus, job classification by DOT requires more detailed information than is often found on the census questionnaires.

Relation to certain industry groups.— Although some occupation groups are closely related to certain industries, the industry categories are broader and include occupations other than those concentrated in that industry. For example, persons employed in agriculture include truck drivers and bookkeepers in addition to farm workers; persons employed in the transportation industry include mechanics and secretaries in addition to transport operatives; and persons employed in the private household industry include occupations such as chauffeur, gardener, and secretary.

Class of Worker

As noted earlier, the economic activity of each person is classified in three distinct dimensions—occupation, industrial attachment, and class of worker. The last dimension shows the type of ownership of the employing organization. Placement of a person in a particular class-of-worker category is, in most cases, independent of the occupation or industry in which he worked. The class-of-worker item on the questionnaire consists of seven

categories which are defined as follows:

1. *Private wage and salary workers.*—Persons who worked for a private employer for wages, salary, commission, tips, pay "in kind," or pay at piece rates.
2. *Government workers.*—Persons who worked for any governmental unit, regardless of the activity of the particular agency. This category is subdivided by the level of government: a) Federal, b) State, and c) local (county, city, village, township, etc.).
3. *Self-employed workers.*—
 - a. *Own business not incorporated.*—Persons who worked for profit or fees in their own unincorporated business, profession, or trade, or who operated a farm. Included here are the owner-operators of large stores and manufacturing establishments as well as small merchants, independent craftsmen and professional men, farmers, peddlers, and other persons who conducted enterprises on their own.
 - b. *Own business incorporated.*—Persons who consider themselves self-employed but work for corporations. (In most cases the respondents will own or be part of a group that owns controlling interest in the corporation.) Since all workers of a corporation are defined as wage and salary workers, this category is tabulated with "private wage and salary workers."
4. *Unpaid family workers.*—Persons who worked without pay on a

farm or in a business operated by a person to whom they are related by blood or marriage. These are usually the children or the wife of the owner of a business or farm.

Wage and salary workers includes private wage and salary workers and government workers, as defined above.

Self-employed workers includes only those described in 3a above. However, the category "self-employed," shown as a subcategory of "manager," includes the small number of managers reported as unpaid family workers.

Special Edit and Allocation Procedures

A factor to be considered in the interpretation of these data is that occasionally respondents returned occupation, industry, or class-of-worker designations which were not sufficiently specific for precise classification. Many such cases were corrected through the field editing process and during the coding and editing operations. In the coding operation certain types of incomplete entries or errors were corrected using the **Alphabetical Index of Industries and Occupations**. The **Index**, besides providing a code for each occupation or industry, also reflects some restrictions such as occupations that occur only within one industry or for which only one class-of-worker code is allowed. Moreover, in certain situations, it provides for the assignment of an industry code on the basis of the occupation reported.

Following the coding operation, there was a computer edit and allocation process. The edit first determined whether a respondent was in the universe which required an occupation and industry code. For those with an incomplete code or one for which no

valid category exists (impossible codes), a valid code was assigned. For example, if the occupation was blank but an industry of "taxicab service" was reported, the occupation code "taxicab drivers and chauffeurs" was assigned because over 80 percent of the people employed in the industry are drivers. The items (industry, occupation, and class of worker) were then edited for internal consistency. For example, the occupation "buyers, wholesale and retail trade" was required to have one of the wholesale or retail trade industry codes. If it did not, the industry code was changed to "not specified retail trade."

If one or more of the occupation, industry, or class-of-worker items were blank after edit, the respondent was "allocated" to a major group on the basis of responses from reporting persons of the same sex, age, farm or nonfarm residence, education, and weeks worked. The occupation lists, which follow this introduction, indicate to which intermediate occupation category the allocated cases were assigned for tables using the intermediate occupation classification. Additional information on edit and allocation procedures is presented in Appendix D, "Accuracy of the Data."

Comparability With Other Data

Earlier censuses.—The occupation classification system used in the 1970 census is similar to that used in each decennial census since 1940. However, the changes made for each of the censuses affect the comparability of data from one census to another. Many of the larger 1960 occupation categories were divided into several smaller categories which greatly increased the number of categories in the 1970 system (441 in 1970 vs. 297

in 1960). In some cases, comparability to 1960 can be achieved by summing several 1970 categories. Other changes between the 1960 and 1970 occupational classification systems were more complex. That is, one 1970 category is derived from portions of several 1960 categories.

A new major group, "transport equipment operatives," added to the occupation classification in 1970, includes occupations formerly part of the "operatives" major group. The arrangement of some major groups was changed to form more "families" of occupations. This applies especially to the "professional" and "service" major groups. Although there was an effort to limit changes between major groups, there were many cases where such changes were necessary. One such change is the treatment of apprentices. They were moved from "operatives" to "craftsmen" and are classified as a subcategory of their craft.

Two other changes in the census have an important effect on comparability: (1) the allocation of "not reported" cases to the major groups in 1970 (see preceding section) increased the size of those totals relative to the totals for 1960, when there was no allocation of these characteristics; and (2) the age coverage for statistics on these subjects in 1960 included persons 14 years old and over, in accordance with the definition of the labor force at that time, whereas the statistics in this report are shown for persons 16 years old and over, to agree with the current definition of the labor force.

Two additional occupation questions were included on the 1970 census questionnaire. These questions were added to obtain more complete answers from respondents and, therefore, facilitate more accurate coding.

This change may have some effect on comparability. In the question on class of worker, the addition of the category "own business incorporated," responses to which were counted as private wage and salary workers, will affect comparability by decreasing the number of self-employed and increasing the number of private wage and salary workers.

The following publications contain information on the various factors affecting comparability and are particularly useful for understanding differences in the occupation and industry information from earlier censuses: U.S. Bureau of the Census, *Sixteenth Census Reports, Population, Comparative Occupation Statistics for the United States, 1870 to 1940*; U.S. Bureau of the Census, *Changes Between the 1950 and 1960 Occupation and Industry Classifications—With Detailed Adjustments of 1950 Data to the 1960 Classifications*, Technical Paper No. 18, 1968; and U.S. Bureau of the Census, *1970 Occupation and Industry Classification Systems in Terms of Their 1960 Occupation and Industry Elements*, Technical Paper No. 26, 1972.

Other sources.—Comparability between the statistics presented in this report and statistics from other sources is frequently affected by the use of different classification systems and by differences in reporting. The dates to which the data refer may not be the same; workers who live in one geographic area and work in another may be reported at their place of residence by the census but at their place of work in other surveys; and dual jobholders may be counted in the reports of two establishments but counted in the census for only their

INTRODUCTION—Continued

major job. Data from other sources may exclude private household workers, unpaid family workers, and self-employed persons, but may include workers less than 16 years of age. Persons who had a job but were not at work are included with the employed in the statistics shown here, whereas

many of these persons are likely to be excluded from employment figures based on establishment payroll reports. Occupation data from the census and data from government licensing agencies, professional associations, trade unions, etc., are not directly comparable. Such listings may

include persons not in the labor force or persons devoting all or most of their time to another occupation; or the same person may be included in two or more different listings. Moreover, relatively few organizational listings attain complete coverage of membership in a particular occupation field.

INTRODUCTION—Continued

LIST A. Intermediate Occupational Classification for Males (170 Items) With Component Detailed Items

This listing presents the relationship between the detailed occupation stub (e.g., table 1) and the intermediate occupation stub (e.g., table 8). The occupation groups marked with an asterisk (*) are not shown in the tables using the intermediate classification but can be derived by subtraction. "N.e.c." means not elsewhere classified.

Professional, Technical, and Kindred Workers

1. Accountants
2. Architects
3. Computer specialists
 - Computer programmers
 - Computer systems analysts
 - Computer specialists, n.e.c.
4. Engineers, aeronautical and astronautical
5. Engineers, civil
6. Engineers, electrical and electronic
7. Engineers, mechanical
8. Other engineers
 - Engineers, chemical
 - Engineers, industrial
 - Engineers, metallurgical and materials
 - Engineers, mining
 - Engineers, petroleum
 - Engineers, sales
 - Engineers, n.e.c.
9. Lawyers and judges
 - Judges
 - Lawyers
10. Life and physical scientists
11. Chemists
 - * Other life and physical scientists
 - Agricultural
 - Atmospheric and space
 - Biological
 - Geologists
 - Marine
 - Physicists and astronomers
 - Life and physical, n.e.c.
12. Dentists
13. Pharmacists
14. Physicians, medical and osteopathic
15. Other related practitioners
 - Chiropractors
 - Optometrists
 - Podiatrists
 - Veterinarians
 - Health practitioners, n.e.c.
16. Registered nurses, dietitians, and therapists
 - Dietitians
 - Registered nurses
 - Therapists
17. Health technologists and technicians
 - Clinical laboratory technologists and technicians
 - Dental hygienists
 - Health record technologists and technicians
 - Radiologic technologists and technicians
 - Therapy assistants
 - Health technologists and technicians, n.e.c.
18. Religious workers
 - Clergymen
 - Religious workers, n.e.c.
19. Social scientists
 - Economists
 - Political scientists
 - Psychologists
 - Sociologists
 - Urban and regional planners
 - Social scientists, n.e.c.
20. Social and recreation workers
 - Social
 - Recreation
21. Teachers, college and university
 - Biology
 - Chemistry
 - Engineering
 - Physics
 - Other life and physical sciences
 - Mathematics
 - Economics
 - English

Professional, Technical, and Kindred Workers—Con.

- History
 - Miscellaneous social sciences
 - Other specified teachers
 - Not specified teachers
22. Teachers, elementary and prekindergarten
 - Public
 - Private
 23. Teachers, secondary
 - Public
 - Private
 24. Other teachers
 - Adult education
 - Teachers, except college and university, n.e.c.
 25. Engineering and science technicians
 26. Draftsmen and surveyors
 - Draftsmen
 - Surveyors
 27. Electrical and electronic engineering technicians
 - * Other engineering and science technicians
 - Agriculture and biological, except health
 - Chemical
 - Industrial engineering
 - Mechanical engineering
 - Mathematical
 - Engineering and science, n.e.c.
 28. Technicians, except health, and engineering and science
 29. Airplane pilots
 - * Other technicians, except health, and engineering and science
 - Air traffic controllers
 - Embalmers
 - Flight engineers
 - Radio operators
 - Tool programmers, numerical control
 - Technicians, n.e.c.
 30. Writers, artists, and entertainers
 31. Authors, editors, and reporters
 - Authors
 - Editors and reporters
 32. Designers
 - * Other writers, artists, and entertainers
 - Actors
 - Athletes and kindred workers
 - Dancers
 - Musicians and composers
 - Painters and sculptors
 - Photographers
 - Public relations men and publicity writers
 - Radio and television announcers
 - Writers, artists, and entertainers, n.e.c.
 33. Other professional, technical, and kindred workers
 - Actuaries
 - Archivists and curators
 - Farm management advisors
 - Foresters and conservationists
 - Home management advisors
 - Librarians
 - Mathematicians
 - Operations and systems researchers and analysts
 - Personnel and labor relations workers
 - Research workers, not specified
 - Statisticians
 - Vocational and educational counselors
 - Professional, technical, and kindred workers—allocated

Managers and Administrators, Except Farm

34. Buyers, purchasing agents, and sales managers
 - Buyers and shippers, farm products
 - Buyers, wholesale and retail trade
 - Purchasing agents and buyers, n.e.c.
 - Sales managers and department heads, retail trade
 - Sales managers, except retail trade
35. School administrators
 - School administrators, college
 - School administrators, elementary and secondary
36. Specified managers and administrators, public administration
 - Assessors, controllers, and treasurers; local public administration
 - Construction inspectors, public administration
 - Inspectors, except construction; public administration
 - Federal public administration
 - State public administration
 - Local public administration
 - Officials and administrators; public administration, n.e.c.
 - Federal public administration
 - State public administration
 - Local public administration
 - Postmasters and mail superintendents
37. Other specified managers and administrators
 - Bank officers and financial managers
 - Credit men
 - Funeral directors
 - Health administrators
 - Managers and superintendents, building
 - Officers, pilots, and pursers; ship
 - Officials of lodges, societies, and unions
 - Railroad conductors
 - Restaurant, cafeteria, and bar managers
 - Managers and administrators, except farm—allocated
 - Managers and administrators, n.e.c.—salaried
38. Manufacturing
 - Durable goods
 - Nondurable goods
39. Transportation, communications, and other public utilities
 - Transportation
 - Communications, and utilities and sanitary services
40. Wholesale and retail trade
 - Wholesale trade
 - Hardware, farm equipment, and building material retailing
 - General merchandise stores
 - Food stores
 - Motor vehicles and accessories retailing
 - Gasoline service stations
 - Apparel and accessories stores
 - Furniture, home furnishings, and equipment stores
 - Other retail trade
41. Finance, insurance, and real estate
42. All other industries
 - Construction
 - Business and repair services
 - Personal services
 - All other industries
 - Managers and administrators, n.e.c.—self-employed
43. Construction
44. Manufacturing

INTRODUCTION—Continued

LIST A. Intermediate Occupational Classification for Males (170 Items) With Component Detailed Items—Con.

*Managers and Administrators,
Except Farm—Con.*

- Durable goods
- Nondurable goods
- 45. Wholesale trade
- 46. Retail trade
 - Hardware, farm equipment, and building material retailing
 - General merchandise stores
 - Food stores
 - Motor vehicles and accessories retailing
 - Gasoline service stations
 - Apparel and accessories stores
 - Furniture, home furnishings, and equipment stores
 - Other retail trade
- 47. All other industries
 - Transportation
 - Communications, and utilities and sanitary services
 - Finance, insurance, and real estate
 - Business and repair services
 - Personal services
 - All other industries

Sales Workers

- 48. Insurance agents, brokers, and underwriters
- 49. Real estate agents and brokers
- 50. Sales representatives, manufacturing industries
- 51. Sales representatives, wholesale trade
- 52. Salesclerks, retail trade
- 53. Salesmen, retail trade
- 54. Salesmen of services and construction
- 55. Other sales workers
 - Advertising agents and salesmen
 - Auctioneers
 - Demonstrators
 - Hucksters and peddlers
 - Newsboys
 - Stock and bond salesmen
 - Sales workers—allocated

Clerical and Kindred Workers

- 56. Bank tellers and cashiers
 - Bank tellers
 - Cashiers
- 57. Bookkeepers and billing clerks
 - Billing clerks
 - Bookkeepers
- 58. Mail handlers and postal clerks
 - Mail carriers, post office
 - Mail handlers, except post office
 - Postal clerks
- 59. Shipping and receiving clerks
- 60. Stock clerks and storekeepers
- 61. Other clerical and kindred workers
 - Clerical assistants, social welfare
 - Clerical supervisors, n.e.c.
 - Collectors, bill and account
 - Counter clerks, except food
 - Dispatchers and starters, vehicle
 - Enumerators and interviewers
 - Estimators and investigators, n.e.c.
 - Expeditors and production controllers
 - File clerks
 - Insurance adjusters, examiners, and investigators
 - Library attendants and assistants
 - Messengers, including telegraph, and office boys
 - Meter readers, utilities
 - Bookkeeping and billing machine operators
 - Calculating machine operators
 - Computer and peripheral equipment operators

Clerical and Kindred Workers—Con.

- Duplicating machine operators
- Key punch operators
- Tabulating machine operators
- Office machine operators, n.e.c.
- Payroll and timekeeping clerks
- Proofreaders
- Real estate appraisers
- Receptionists
- Secretaries
- Statistical clerks
- Stenographers
- Teacher aides, except school monitors
- Telegraph operators
- Telephone operators
- Ticket, station, and express agents
- Typists
- Weights
- Miscellaneous clerical workers
- Not specified clerical workers
- Clerical and kindred workers—allocated

Craftsmen and Kindred Workers

- 62. Apparel craftsmen and upholsterers
 - Furriers
 - Tailors
 - Upholsterers
- 63. Bakers
- 64. Cabinetmakers
- 65. Carpenters
- 66. Excavating, grading, and road machine operators
 - Bulldozer operators
 - Excavating, grading, and road machine operators; except bulldozer
- 67. Electricians
- 68. Masons and tile setters
 - Brickmasons and stonemasons
 - Tile setters
- 69. Painters, construction and maintenance; and paperhangers
 - Painters, construction and maintenance
 - Paperhangers
- 70. Plasterers and cement finishers
 - Cement and concrete finishers
 - Plasterers
- 71. Plumbers and pipe fitters
- 72. Other construction craftsmen
 - Floor layers, except tile setters
 - Roofers and slaters
 - Structural metal craftsmen
- 73. Foremen, n.e.c.—Durable goods manufacturing
 - Metal industries
 - Machinery, except electrical
 - Electrical machinery, equipment, and supplies
 - Transportation equipment
 - Other durable goods
- 74. Foremen, n.e.c.—Nondurable goods manufacturing
 - Food and kindred products
 - Textiles, textile products, and apparel
 - Other nondurable goods
- 75. Foremen, n.e.c.—Nonmanufacturing
 - Construction
 - Transportation
 - Communications, and utilities and sanitary services
 - Wholesale and retail trade
 - All other industries
- 76. Linemen and servicemen, telephone and power
 - Electric power linemen and cablemen
 - Telephone installers and repairmen
 - Telephone linemen and splicers

Craftsmen and Kindred Workers—Con.

- 77. Locomotive engineers and firemen
 - Locomotive engineers
 - Locomotive firemen
- 78. Mechanics and repairmen, air-conditioning, heating, and refrigeration
- 79. Mechanics and repairmen, aircraft
- 80. Mechanics and repairmen, automobile, including body
 - Automobile body repairmen
 - Automobile mechanics
- 81. Mechanics and repairmen, radio and television
- 82. Other mechanics and repairmen
 - Data processing machine repairmen
 - Farm implement
 - Heavy equipment mechanics, including diesel
 - Household appliance and accessory installers and mechanics
 - Loom fixers
 - Office machine
 - Railroad and car shop
 - Miscellaneous mechanics and repairmen
 - Not specified mechanics and repairmen
- 83. Machinists and job and die setters
 - Job and die setters, metal
 - Machinists
- 84. Sheetmetal workers and tinsmiths
- 85. Tool and die makers
- 86. Other metal craftsmen
 - Blacksmiths
 - Boilermakers
 - Forgemen and hammermen
 - Heat treaters, annealers, and temperers
 - Millwrights
 - Molders, metal
 - Pattern and model makers, except paper
 - Rollers and finishers, metal
 - Shipfitters
- 87. Printing craftsmen
- 88. Compositors and typesetters
- 89. Pressmen and plate printers, printing
 - * Other printing craftsmen
 - Bookbinders
 - Electrotypers and stereotypers
 - Photoengravers and lithographers
- 90. Stationary engineers and power station operators
 - Power station operators
 - Stationary engineers
- 91. Other craftsmen and kindred workers
 - Automobile accessories installers
 - Carpet installers
 - Cranemen, derrickmen, and hoistmen
 - Decorators and window dressers
 - Dental laboratory technicians
 - Engravers, except photoengravers
 - Furniture and wood finishers
 - Glaziers
 - Inspectors, scalers, and graders; log and lumber
 - Inspectors, n.e.c.
 - Construction
 - Railroads and railway express service
 - Jewelers and watchmakers
 - Millers; grain, flour, and feed
 - Motion picture projectionists
 - Opticians, and lens grinders and polishers
 - Piano and organ tuners and repairmen
 - Shoe repairmen

INTRODUCTION—Continued

LIST A. Intermediate Occupational Classification for Males (170 Items) With Component Detailed Items—Con.

Craftsmen and Kindred Workers—Con.

Sign painters and letterers
Stone cutters and stone carvers
Craftsmen and kindred workers, n.e.c.
Former members of the Armed Forces
Craftsmen and kindred workers—allocated

Operatives, Except Transport

- 92. Assemblers
- 93. Checkers, examiners, and inspectors; manufacturing
- 94. Garage workers and gas station attendants
- 95. Laundry and drycleaning operatives, including ironers
Clothing ironers and pressers
Laundry and drycleaning operatives, n.e.c.
- 96. Meat cutters and butchers
Meat cutters and butchers, except manufacturing
Meat cutters and butchers, manufacturing
- 97. Metalworking operatives, except precision machine
- 98. Filers, polishers, sanders, and buffers
* Other metalworking operatives
Furnacemen, smeltersmen, and pourers
Heaters, metal
Metal platers
Punch and stamping press operatives
Riveters and fasteners
Solderers
Welders and flamecutters
- 99. Mine operatives, n.e.c.
- 100. Packers and wrappers, except produce
Meat wrappers, retail trade
Packers and wrappers, except meat and produce
- 101. Painters, manufactured articles
- 102. Precision machine operatives
Drill press operatives
Grinding machine operatives
Lathe and milling machine operatives
Precision machine operatives, n.e.c.
- 103. Sawyers
- 104. Stationary firemen
- 105. Textile operatives
Carding, lapping, and combing operatives
Knitters, loopers, and toppers
Spinners, twisters, and winders
Weavers
Textile operatives, n.e.c.
- 106. Other specified operatives, n.e.c.
Asbestos and insulation workers
Blasters and powdermen
Bottling and canning operatives
Chainmen, rodmen, and axmen; surveying
Cutting operatives, n.e.c.
Dressmakers and seamstresses, except factory
Drillers, earth
Dry wall installers and lathers
Dyers
Graders and sorters, manufacturing
Produce graders and packers, except factory and farm
Milliners
Mixing operatives
Oilers and greasers, except auto
Photographic process workers
Sailors and deckhands

Operatives, Except Transport—Con.

- Sewers and stitchers
Shoemaking machine operatives
Winding operatives, n.e.c.
Operatives, except transport—allocated
- 107. Machine operatives, miscellaneous specified
- 108. Machine operatives, not specified
- 109. Miscellaneous operatives
- 110. Not specified operatives
Miscellaneous and not specified operatives by industry
- 111. Wood products, including furniture
Lumber and wood products, except furniture
Furniture and fixtures
- 112. Primary metal industries
Blast furnaces, steelworks, and rolling and finishing mills
Other primary metal industries
- 113. Fabricated metal industries
- 114. Machinery, including electrical
Machinery, except electrical
Electrical machinery, equipment, and supplies
- 115. Motor vehicles and equipment
- 116. Transportation equipment, except motor vehicles
- 117. Other durable goods
Stone, clay, and glass products
Professional and photographic equipment, and watches
Ordnance
Miscellaneous manufacturing industries
Durable goods—allocated
- 118. Food and kindred products
- 119. Apparel and other fabricated textile products
- 120. Paper and allied products
- 121. Chemicals and allied products
- 122. Other nondurable goods
Tobacco manufactures
Printing, publishing, and allied industries
Petroleum and coal products
Rubber and miscellaneous plastic products
Leather and leather products
Nondurable goods—allocated
- 123. Not specified manufacturing industries
- 124. Transportation, communications, and other public utilities
- 125. Wholesale and retail trade
- 126. All other industries
Construction
Business and repair services
Public administration
All other industries

Transport Equipment Operatives

- 127. Bus drivers
- 128. Parking attendants
- 129. Railroad brakemen and switchmen
Railroad brakemen
Railroad switchmen
- 130. Taxicab drivers and chauffeurs
- 131. Truck drivers and deliverymen
Deliverymen and routemen
Truck drivers
- 132. Other transport equipment operatives
Boatmen and canalmen
Conductors and motormen, urban rail transit
Fork lift and tow motor operatives
Motormen; mine, factory, logging camp, etc.
Transport equipment operatives—allocated

Laborers, Except Farm

- 133. Construction laborers
Carpenters' helpers
Construction laborers, except carpenters' helpers
- 134. Freight, stock, and material handlers
Freight and material handlers
Garbage collectors
Longshoremen and stevedores
Stockhandlers
Warehousemen, n.e.c.
- 135. Gardeners and groundskeepers, except farm
- 136. Lumbermen, raftsmen, and woodchoppers
- 137. Other specified laborers
Animal caretakers, except farm
Fishermen and oystermen
Teamsters
Vehicle washers and equipment cleaners
Laborers, except farm—allocated
- 138. Miscellaneous laborers
- 139. Not specified laborers
Miscellaneous and not specified laborers by industry
- 140. Wood products, including furniture
Lumber and wood products, except furniture
Furniture and fixtures
- 141. Metal Industries
Primary metal industries
Blast furnaces, steelworks, and rolling and finishing mills
Other primary metal industries
Fabricated metal industries, including not specified metal
- 142. Machinery, including electrical
Machinery, except electrical
Electrical machinery, equipment, and supplies
- 143. Transportation equipment
Motor vehicles and motor vehicle equipment
Ship and boat building and repairing
Other transportation equipment
- 144. Other durable goods
Stone, clay, and glass products
Professional and photographic equipment, and watches
Ordnance
Miscellaneous manufacturing industries
Durable goods—allocated
- 145. Nondurable goods
- 146. * Food and kindred products
Other nondurable goods
Tobacco manufactures
Textile mill products
Apparel and other fabricated textile products
Paper and allied products
Printing, publishing, and allied industries
Chemicals and allied products
Petroleum and coal products
Rubber and miscellaneous plastic products
Leather and leather products
Nondurable goods—allocated
- 147. Not specified manufacturing industries
- 148. Railroads and railway express service
- 149. Transportation, except railroads
- 150. Communications, and utilities and sanitary services
- 151. Wholesale and retail trade
- 152. All other industries

INTRODUCTION—Continued

LIST A. Intermediate Occupational Classification for Males (170 Items) With Component Detailed Items—Con.

<p><i>Laborers, Except Farm—Con.</i> Business and repair services Public administration All other industries</p> <p><i>Farmers and Farm Managers</i> 153. Farmers and farm managers Farmers (owners and tenants) Farm managers Farmers and farm managers—allocated</p> <p><i>Farm Laborers and Farm Foremen</i> 154. Paid farm laborers and farm foremen Farm foremen Farm laborers, wageworkers Farm service laborers, self-employed Farm laborers and farm foremen—allocated (class of worker other than unpaid family worker) 155. Unpaid family workers Unpaid family workers Farm laborers and farm foremen—allocated (unpaid family class of worker)</p> <p><i>Service Workers, Except Private Household</i> 156. Service workers, except private household 157. Cleaning service workers Chambermaids and maids, except private household Cleaners and charwomen Janitors and sextons</p>	<p><i>Service Workers, Except Private Household—Con.</i> 158. Cooks, except private household 159. Busboys and dishwashers Busboys Dishwashers 160. Waiters 161. Other food service workers Bartenders Food counter and fountain workers Food service workers, n.e.c., except private household 162. Health service workers Dental assistants Health aides, except nursing Health trainees Lay midwives Nursing aides, orderlies, and attendants Practical nurses 163. Personal service workers 164. Barbers * Other personal service workers Airline stewardesses Attendants, recreation and amusement Attendants, personal service, n.e.c. Baggage porters and bellhops Barbers Boarding and lodging housekeepers Bootblacks Child care workers, except private household Elevator operators</p>	<p><i>Service Workers, Except Private Household—Con.</i> Hairdressers and cosmetologists Housekeepers, except private household School monitors Ushers, recreation and amusement Welfare service aides 165. Protective service workers 166. Firemen, fire protection 167. Guards and watchmen 168. Policemen and detectives Public Private * Other protective service workers Crossing guards and bridge tenders Marshalls and constables Sheriffs and bailiffs * Service workers, except private household—allocated</p> <p><i>Private Household Workers</i> 169. Private household workers—living in Child care workers, private household Cooks, private household Housekeepers, private household Laundresses, private household Maids and servants, private household Private household workers—allocated 170. Private household workers—living out (Detailed occupations shown above)</p>
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INTRODUCTION—Continued

LIST B. Intermediate Occupational Classification for Females (103 Items) With Component Detailed Items

This listing presents the relationship between the detailed occupation stub (e.g., table 1) and the intermediate occupation stub (e.g., table 8). The occupation groups marked with an asterisk (*) are not shown in the tables using the intermediate classification but can be derived by subtraction. "Secretaries, n.e.c.," with a double asterisk (**), is not shown in the detailed table but can be derived by subtraction. "N.e.c." means not elsewhere classified.

Professional, Technical, and Kindred Workers

1. Accountants
2. Computer specialists
 - Computer programmers
 - Computer systems analysts
 - Computer specialists, n.e.c.
3. Engineers
 - Aeronautical and astronautical
 - Chemical
 - Civil
 - Electrical and electronic
 - Industrial
 - Mechanical
 - Metallurgical and materials
 - Mining
 - Petroleum
 - Sales
 - Engineers, n.e.c.
4. Lawyers and judges
 - Judges
 - Lawyers
5. Librarians
6. Mathematical specialists
 - Actuaries
 - Mathematicians
 - Statisticians
7. Life and physical scientists
 - Agricultural scientists
 - Atmospheric and space scientists
 - Biological scientists
 - Chemists
 - Geologists
 - Marine scientists
 - Physicists and astronomers
 - Life and physical scientists, n.e.c.
8. Physicians, dentists, and related practitioners
 - Chiropractors
 - Dentists
 - Optometrists
 - Pharmacists
 - Physicians, medical and osteopathic
 - Podiatrists
 - Veterinarians
 - Health practitioners, n.e.c.
9. Dietitians
10. Registered nurses
11. Therapists
12. Health technologists and technicians and technicians
 - Clinical laboratory technologists and technicians
 - Dental hygienists
 - Health record technologists and technicians
 - Radiologic technologists and technicians
 - Therapy assistants
 - Health technologists and technicians, n.e.c.
13. Religious workers
 - Clergymen
 - Religious workers, n.e.c.
14. Social scientists
 - Economists
 - Political scientists
 - Psychologists
 - Sociologists
 - Urban and regional planners
 - Social scientists, n.e.c.
15. Social and recreation workers
 - Social workers
 - Recreation workers
16. Teachers, college and university
 - Agriculture
 - Atmospheric, earth, marine, and space
 - Biology
 - Chemistry
 - Physics
 - Engineering
 - Mathematics

Professional, Technical, and Kindred Workers—Con.

- Health specialties
 - Psychology
 - Business and commerce
 - Economics
 - History
 - Sociology
 - Social science teachers, n.e.c.
 - Art, drama, and music
 - Coaches and physical education
 - Education
 - English
 - Foreign language
 - Home economics
 - Law
 - Theology
 - Trade, industrial, and technical
 - Miscellaneous teachers, college and university
 - Teachers, college and university, subject not specified
17. Teachers, elementary and prekindergarten
 - Public
 - Private
 18. Teachers, secondary
 - Public
 - Private
 19. Other teachers
 - Adult education
 - Teachers, except college and university, n.e.c.
 20. Engineering and science technicians
 - Agriculture and biological technicians, except health
 - Chemical technicians
 - Draftsmen
 - Electrical and electronic engineering technicians
 - Industrial engineering technicians
 - Mechanical engineering technicians
 - Mathematical technicians
 - Surveyors
 - Engineering and science technicians, n.e.c.
 21. Technicians, except health, and engineering and science
 - Airplane pilots
 - Air traffic controllers
 - Embalmers
 - Flight engineers
 - Radio operators
 - Tool programmers, numerical control
 - Technicians, n.e.c.
 22. Writers, artists, and entertainers
 23. Actors and dancers
 - Actors
 - Dancers
 24. Authors, editors, and reporters
 - Authors
 - Editors and reporters
 25. Designers
 - * Other writers, artists, and entertainers
 - Athletes and kindred workers
 - Musicians and composers
 - Painters and sculptors
 - Photographers
 - Public relations men and publicity writers
 - Radio and television announcers
 - Writers, artists, and entertainers, n.e.c.
 26. Other professional, technical, and kindred workers
 - Architects
 - Archivists and curators
 - Farm management advisors
 - Foresters and conservationists
 - Home management advisors

Professional, Technical, and Kindred Workers—Con.

- Operations and systems researchers and analysts
 - Personnel and labor relations workers
 - Research workers, not specified
 - Vocational and educational counselors
 - Professional, technical, and kindred workers—allocated
- Managers and Administrators, Except Farm*
27. Buyers, purchasing agents, and sales managers
 - Buyers and shippers, farm products
 - Buyers, wholesale and retail trade
 - Purchasing agents and buyers, n.e.c.
 - Sales managers and department heads, retail trade
 - Sales managers, except retail trade
 28. Restaurant, cafeteria, and bar managers
 29. School administrators
 - School administrators, college
 - School administrators, elementary and secondary
 30. Other specified managers and administrators
 - Assessors, controllers, and treasurers; local public administration
 - Bank officers and financial managers
 - Credit men
 - Funeral directors
 - Health administrators
 - Construction inspectors, public administration
 - Inspectors, except construction; public administration
 - Federal public administration
 - State public administration
 - Local public administration
 - Managers and superintendents, building
 - Officers, pilots, and pursers; ship
 - Officials and administrators; public administration, n.e.c.
 - Federal public administration
 - State public administration
 - Local public administration
 - Officials of lodges, societies, and unions
 - Postmasters and mail superintendents
 - Railroad conductors
 - Managers and administrators, except farm—allocated
 31. Manufacturing
 - Durable goods
 - Nondurable goods
 32. Wholesale and retail trade
 - Wholesale trade
 - Hardware, farm equipment, and building material retailing
 - General merchandise stores
 - Food stores
 - Motor vehicles and accessories retailing
 - Gasoline service stations
 - Apparel and accessories stores
 - Furniture, home furnishings, and equipment stores
 - Other retail trade
 33. Finance, insurance, and real estate
 34. All other industries
 - Construction
 - Business and repair services
 - Personal services
 - All other industries

INTRODUCTION—Continued

LIST B. Intermediate Occupational Classification for Females (103 Items) With Component Detailed Items—Con.

Managers and Administrators, Except Farm—Con.

- Managers and administrators, n.e.c.—self-employed
- 35. Wholesale and retail trade
 - Wholesale trade
 - Hardware, farm equipment, and building material retailing
 - General merchandise stores
 - Food stores
 - Motor vehicles and accessories retailing
 - Gasoline service stations
 - Apparel and accessories stores
 - Furniture, home furnishings, and equipment stores
 - Other retail trade
- 36. Personal services
- 37. All other industries
 - Construction
 - Manufacturing
 - Transportation
 - Communications, and utilities and sanitary services
 - Finance, insurance, and real estate
 - Business and repair services
 - All other industries

Sales Workers

- 38. Demonstrators, hucksters, and peddlers
 - Demonstrators
 - Hucksters and peddlers
- 39. Insurance, real estate agents, and brokers
 - Insurance agents, brokers, and underwriters
 - Real estate agents and brokers
- 40. Salesclerks, retail trade
- 41. Salesmen, retail trade
- 42. Other sales workers
 - Advertising agents and salesmen
 - Auctioneers
 - Newsboys
 - Stock and bond salesmen
 - Sales representatives, manufacturing industries
 - Sales representatives, wholesale trade
 - Salesmen of services and construction
 - Sales workers—allocated

Clerical and Kindred Workers

- 43. Bank tellers
- 44. Billing clerks
- 45. Bookkeepers
- 46. Cashiers
- 47. Counter clerks, except food
- 48. Enumerators and interviewers
- 49. File clerks
- 50. Library attendants and assistants
- 51. Mail handlers and postal clerks
 - Mail carriers, post office
 - Mail handlers, except post office
 - Postal clerks
- 52. Office machine operators
- 53. Bookkeeping and billing machine
- 54. Key punch
 - Other office machine operators
 - Calculating machine
 - Computer and peripheral equipment
 - Duplicating machine
 - Tabulating machine
 - Office machine, n.e.c.
- 55. Payroll and timekeeping clerks
- 56. Receptionists
- 57. Secretaries
 - Secretaries, legal
 - Secretaries, medical
 - Secretaries, n.e.c.

Clerical and Kindred Workers—Con.

- 58. Stenographers
- 59. Stock clerks and storekeepers
- 60. Telephone operators
- 61. Typists
- 62. Other clerical and kindred workers
 - Clerical assistants, social welfare
 - Clerical supervisors, n.e.c.
 - Collectors, bill and account
 - Dispatchers and starters, vehicle
 - Estimators and investigators, n.e.c.
 - Expeditors and production controllers
 - Insurance adjusters, examiners, and investigators
 - Messengers, including telegraph, and office boys
 - Meter readers, utilities
 - Proofreaders
 - Real estate appraisers
 - Shipping and receiving clerks
 - Statistical clerks
 - Teacher aids, except school monitors
 - Telegraph operators
 - Ticket, station, and express agents
 - Weighters
 - Miscellaneous clerical workers
 - Not specified clerical workers
 - Clerical and kindred workers—allocated

Craftsmen and Kindred Workers

- 63. Craftsmen and kindred workers
- 64. Decorators and window dressers
- 65. Foremen, n.e.c.
 - Construction
 - Metal industries
 - Machinery, except electrical
 - Electrical machinery, equipment, and supplies
 - Transportation equipment
 - Other durable goods
 - Food and kindred products
 - Textiles, textile products, and apparel
 - Other nondurable goods, including not specified manufacturing
 - Transportation
 - Communications, and utilities and sanitary services
 - Wholesale and retail trade
 - All other industries
- * Other craftsmen and kindred workers (All other occupations in this major group)

Operatives, Except Transport

- 66. Assemblers
- 67. Bottling and canning operatives
- 68. Checkers, examiners, and inspectors; manufacturing
- 69. Dressmakers and seamstresses, except factory
- 70. Laundry and drycleaning operatives, including ironers
 - Clothing ironers and pressers
 - Laundry and drycleaning operatives, n.e.c.
- 71. Graders and sorters, manufacturing
- 72. Packers and wrappers, except produce
 - Meat wrappers, retail trade
 - Packers and wrappers, except meat and produce
- 73. Sewers and stitchers
- 74. Textile operatives
 - Carding, lapping, and combing operatives
 - Knitters, loopers, and toppers
 - Spinners, twistors, and winders

Operatives, Except Transport—Con.

- Weavers
- Textile operatives, n.e.c.
- 75. Other specified operatives
 - Asbestos and insulation workers
 - Blasters and powdermen
 - Chainmen, rodmen, and axmen; surveying
 - Cutting operatives, n.e.c.
 - Drillers, earth
 - Dry wall installers and lathers
 - Dyers
 - Fileers, polishers, sanders and buffers
 - Furnacemen, smeltermen, and pourers
 - Garage workers and gas station attendants
 - Produce graders and packers, except factory and farm
 - Heaters, metal
 - Meat cutters and butchers, except manufacturing
 - Meat cutters and butchers, manufacturing
 - Metal platers
 - Milliners
 - Mine operatives, n.e.c.
 - Mixing operatives
 - Oilers and greasers, except auto
 - Painters, manufactured articles
 - Photographic process workers
 - Drill press operatives
 - Grinding machine operatives
 - Lathe and milling machine operatives
 - Precision machine operatives, n.e.c.
 - Punch and stamping press operatives
 - Riveters and fasteners
 - Sailors and deckhands
 - Sawyers
 - Shoemaking machine operatives
 - Solderers
 - Stationary fireman
 - Welders and flamecutters
 - Winding operatives, n.e.c.
 - Operatives, except transport—allocated
- Miscellaneous and not specified operatives by industry
- 76. Durable goods manufacturing
- 77. Metal industries
 - Blast furnaces, steelworks, rolling and finishing mills
 - Other primary iron and steel industries
 - Primary nonferrous industries
 - Cutlery, hand tools, and other hardware
 - Fabricated structural metal products
 - Screw machine products, and metal stamping
 - Miscellaneous fabricated metal products and not specified metal
- 78. Machinery, including electrical
 - Farm machinery and equipment
 - Construction and material handling machines
 - Metalworking machinery
 - Office and accounting machines, and electronic computing equipment
 - Other machinery, except electrical
 - Household appliances
 - Radio, television, and communication equipment
 - Electrical machinery, equipment, and supplies, n.e.c.
 - Not specified electrical machinery, equipment, and supplies
- * Other durable goods

INTRODUCTION—Continued

LIST B. Intermediate Occupational Classification for Females (103 Items) With Component Detailed Items—Con.

<p><i>Operatives, Except Transport—Con.</i></p> <ul style="list-style-type: none"> Lumber and wood products, except furniture Furniture and fixtures Stone, clay, and glass products Transportation equipment Professional and photographic equipment, and watches Ordnance Miscellaneous manufacturing industries Durable goods—allocated 79. Nondurable goods manufacturing 80. Food and kindred products 81. Apparel and other fabricated textile products <ul style="list-style-type: none"> Textile mill products Apparel and other fabricated textile products 82. Leather and leather products <ul style="list-style-type: none"> Tanned, curried, and finished leather Footwear, except rubber Leather products, except footwear * Other nondurable goods <ul style="list-style-type: none"> Tobacco manufactures Paper and allied products Printing, publishing, and allied industries Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastic products Nondurable goods—allocated Not specified manufacturing 83. Nonmanufacturing industries <ul style="list-style-type: none"> Construction Railroads and railway express service Transportation, except railroads Communications, and utilities and sanitary services Wholesale trade Retail trade Business and repair services Public administration All other industries 	<p><i>Transport Equipment Operatives—Con.</i></p> <ul style="list-style-type: none"> Fork lift and tow motor operatives Motormen; mine, factory, logging camp, etc. Parking attendants Railroad brakemen Railroad switchmen Taxicab drivers and chauffeurs Truck drivers Transport equipment operatives—allocated <p><i>Laborers, Except Farm</i></p> <ul style="list-style-type: none"> 86. Laborers, except farm (All occupations in this major group. Detail shown in lines 133-139 of list A.) <p><i>Farmers and Farm Managers</i></p> <ul style="list-style-type: none"> 87. Farmers and farm managers <ul style="list-style-type: none"> Farmers (owners and tenants) Farm managers Farmers and farm managers—allocated <p><i>Farm Laborers and Farm Foremen</i></p> <ul style="list-style-type: none"> 88. Paid farm laborers and farm foremen <ul style="list-style-type: none"> Farm foremen Farm laborers, wageworkers Farm service workers, self-employed Farm laborers and farm foremen—allocated (class of worker other than unpaid family worker) 89. Unpaid family workers <ul style="list-style-type: none"> Unpaid family workers Farm laborers and farm foremen—allocated (unpaid family class of worker) <p><i>Service Workers, Except Private Household</i></p> <ul style="list-style-type: none"> 90. Service workers, except private household 91. Cleaning service workers 92. Chambermaids and maids, except private household <ul style="list-style-type: none"> * Other cleaning service workers <ul style="list-style-type: none"> Cleaners and charwomen Janitors and sextons 93. Food service workers 94. Cooks, except private household 95. Waiters and food counter workers <ul style="list-style-type: none"> Food counter and fountain workers Waiters * Other food service workers 	<p><i>Service Workers, Except Private Household—Con.</i></p> <ul style="list-style-type: none"> Barenders Busboys Dishwashers Food service workers, n.e.c., except private household 96. Health service workers 97. Nursing aides, orderlies, and attendants 98. Practical nurses <ul style="list-style-type: none"> * Other health service workers <ul style="list-style-type: none"> Dental assistants Health aides, except nursing Health trainees Lay midwives 99. Personal service workers 100. Hairdressers and cosmetologists 101. Housekeepers, except private household <ul style="list-style-type: none"> * Other personal service workers <ul style="list-style-type: none"> Airline stewardesses Attendants, recreation and amusement Attendants, personal service, n.e.c. Baggage porters and bellhops Barbers Boarding and lodging housekeepers Bootblacks Child care workers, except private household Elevator operators Housekeepers, except private household School monitors Ushers, recreation and amusement Welfare service aides * Service workers, except private household—allocated, and protective service workers <p><i>Private Household Workers</i></p> <ul style="list-style-type: none"> 102. Private household workers—living in <ul style="list-style-type: none"> Child care workers, private household Cooks, private household Housekeepers, private household Laundresses, private household Maids and servants, private household Private household workers—allocated 103. Private household workers—living out (Detailed occupations shown above)
<p><i>Transport Equipment Operatives</i></p> <ul style="list-style-type: none"> 84. Transport equipment operatives 85. Bus drivers <ul style="list-style-type: none"> * Other transport equipment operatives <ul style="list-style-type: none"> Boatmen and canalmen Conductors and motormen, urban rail transit Deliverymen and routemen 		

Table 1. Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Both sexes	Male					Female				
		Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Total, 16 years old and over	80 071 130	49 536 472	7 620	50 +	12.3	40.1	30 534 658	3 646	50 +	12.4	39.3
Professional, technical, and kindred workers	11 666 966	6 992 250	10 617	50 +	16.3	37.7	4 674 716	6 030	46.6	16.1	37.7
Accountants	720 617	536 900	10 677	50 +	16.1	39.8	183 717	5 796	50 +	12.8	42.0
Architects	57 081	54 948	13 188	50 +	17.0	40.7	2 133	6 995	50 +	17.0	38.8
Computer specialists	263 149	211 622	10 991	50 +	15.4	30.9	51 527	7 766	50 +	15.8	27.4
Computer programmers	166 556	128 367	9 993	50 +	15.0	29.4	38 189	7 537	50 +	16.0	26.6
Computer systems analysts	83 447	71 838	12 600	50 +	16.1	33.3	11 609	8 852	50 +	14.9	29.7
Computer specialists, n.e.c.	13 146	11 417	12 873	50 +	15.9	34.2	1 729	7 277	50 +	13.9	33.3
Engineers	1 256 935	1 236 160	13 151	50 +	16.2	40.2	20 775	9 648	50 +	15.0	39.9
Aeronautical and astronautical	71 587	70 522	14 888	50 +	16.4	40.2	1 065	10 448	50 +	15.0	39.6
Chemical	54 217	53 638	14 004	50 +	16.8	39.0	579	10 023	50 +	16.6	24.5
Civil	178 334	175 711	12 790	50 +	16.3	40.9	2 623	9 363	50 +	16.1	36.4
Electrical and electronic	290 185	285 237	13 417	50 +	16.3	38.3	4 948	9 813	50 +	15.2	40.4
Industrial	195 060	189 234	12 089	50 +	15.7	41.3	5 826	8 831	50 +	13.1	44.1
Mechanical	185 406	183 576	13 488	50 +	16.2	41.4	1 830	11 377	50 +	15.6	36.9
Metallurgical and materials	16 285	16 157	13 619	50 +	16.5	39.9	128	...	...	...	...
Mining	4 861	4 807	12 025	50 +	16.4	41.2	54	...	...	...	...
Petroleum	11 516	11 414	13 572	50 +	16.6	39.8	102	...	...	...	...
Sales	59 718	59 283	13 328	50 +	16.1	41.4	435	13 181	50 +	16.0	45.3
Engineers, n.e.c.	189 766	186 581	12 783	50 +	16.2	40.0	3 185	9 528	50 +	15.9	34.6
Farm management advisors	8 282	7 323	10 779	50 +	16.9	42.1	959	6 806	50 +	16.4	29.2
Foresters and conservationists	42 433	40 773	8 014	50 +	13.7	39.8	1 660	3 217	50 +	12.1	38.4
Home management advisors	5 657	155	...	...	...	...	5 502	7 052	50 +	16.5	35.6
Lawyers and judges	277 695	264 378	18 870	50 +	17 +	43.4	13 317	8 974	50 +	17 +	44.9
Judges	12 943	12 281	21 529	50 +	17 +	56.8	662	8 883	50 +	13.7	51.2
Lawyers	264 752	252 097	18 749	50 +	17 +	42.8	12 655	8 980	50 +	17 +	44.5
Librarians, archivists, and curators	130 154	27 662	7 692	50 +	16.9	33.8	102 492	6 193	47.7	16.5	44.1
Librarians	123 144	22 819	7 727	50 +	17.0	33.6	100 325	6 203	47.5	16.6	44.0
Archivists and curators	7 010	4 843	7 537	50 +	15.8	34.5	2 167	5 691	50 +	16.0	45.5
Mathematical specialists	36 712	23 836	11 993	50 +	16.7	36.2	12 876	7 135	50 +	15.1	36.0
Actuaries	5 424	3 888	15 629	50 +	16.7	35.0	1 536	6 235	50 +	15.8	29.1
Mathematicians	8 075	6 057	14 241	50 +	17 +	33.0	1 978	8 348	50 +	16.5	29.7
Statisticians	23 213	13 851	10 985	50 +	16.4	38.6	9 362	7 118	50 +	14.1	39.1
Life and physical scientists	208 857	181 206	12 025	50 +	16.9	38.8	27 651	7 518	50 +	16.5	33.2
Agricultural	12 894	11 773	9 882	50 +	16.4	42.5	1 121	3 906	50.0	12.8	42.5
Atmospheric and space	5 981	5 379	13 901	50 +	16.3	44.4	602	5 170	50 +	12.8	40.6
Biological	29 546	19 111	10 623	50 +	17 +	36.1	10 435	7 163	50 +	16.5	31.7
Chemists	111 790	98 470	11 570	50 +	16.7	38.9	13 320	8 062	50 +	16.6	33.3
Geologists	20 943	20 182	13 641	50 +	17 +	41.1	761	5 797	44.5	16.5	35.2
Marine	3 404	3 248	13 188	50 +	17.0	38.5	156	...	...	...	...
Physicists and astronomers	22 971	21 992	15 242	50 +	17 +	35.9	979	9 071	50 +	17.0	36.4
Life and physical, n.e.c.	1 328	1 051	13 997	50 +	17 +	37.7	277	...	...	...	...
Operations and systems researchers and analysts	80 770	73 381	11 453	50 +	14.6	38.6	7 389	8 473	50 +	14.0	39.2
Personnel and labor relations workers	297 202	203 711	11 449	50 +	15.4	40.7	93 491	6 681	50 +	12.9	41.2
Physicians, dentists, and related practitioners	541 453	496 415	19 337	50 +	17 +	44.5	45 038	7 831	50 +	17 +	40.4
Chiropractors	13 459	12 382	11 957	50 +	16.8	46.7	1 077	3 985	50 +	16.1	60.3
Dentists	92 776	89 974	21 687	50 +	17 +	45.5	2 802	6 351	49.7	15.8	38.8
Optometrists	17 550	16 840	17 398	50 +	17 +	47.6	710	6 455	50 +	16.8	50.9
Pharmacists	111 242	97 893	12 065	50 +	16.6	43.1	13 349	5 565	50 +	16.4	39.1
Physicians, medical and osteopathic	280 557	255 424	25000 +	50 +	17 +	44.3	25 133	9 788	50 +	17 +	40.4
Podiatrists	5 972	5 407	14 787	50 +	17 +	49.2	565	4 859	50 +	15.7	54.6
Veterinarians	19 176	18 083	16 505	50 +	17 +	40.8	1 093	5 641	50 +	17 +	34.5
Health practitioners, n.e.c.	721	412	7 957	50.0	16.6	59.5	309	...	...	...	...
Registered nurses, dietitians, and therapists	966 585	53 302	7 412	50 +	14.5	35.1	913 283	5 542	50 +	13.4	39.7
Dietitians	41 319	3 223	6 037	50 +	12.7	40.9	38 096	4 462	50 +	12.9	43.8
Registered nurses	848 182	22 219	7 013	50 +	13.5	38.8	825 963	5 603	50 +	13.3	39.9
Therapists	77 084	27 860	7 851	50 +	16.0	32.3	49 224	5 384	49.4	16.3	31.9
Health technologists and technicians	265 281	79 934	7 413	50 +	14.2	32.1	185 347	5 208	50 +	13.6	29.5
Clinical laboratory technologists and technicians	119 955	33 848	7 242	50 +	14.7	30.8	86 107	5 560	50 +	14.6	29.7
Dental hygienists	17 650	1 201	14 291	50 +	12.7	47.2	16 449	5 704	47.7	14.9	29.0
Health record technologists and technicians	11 084	692	5 852	50 +	14.5	34.0	10 392	5 687	50 +	14.0	43.6
Radiologic technologists and technicians	53 511	16 902	8 185	50 +	13.0	32.2	36 609	5 017	50 +	12.7	26.5
Therapy assistants	2 907	881	6 959	50 +	12.9	37.5	2 026	3 800	50 +	12.6	37.6
Health technologists and technicians, n.e.c.	60 174	26 410	6 976	50 +	14.6	33.1	33 764	4 473	50 +	12.8	30.5
Religious workers	258 428	232 262	6 240	50 +	17 +	44.1	26 166	2 609	50 +	14.4	47.2
Clergymen	222 978	216 540	6 249	50 +	17 +	44.3	6 438	3 020	50 +	13.3	48.0
Religious workers, n.e.c.	35 450	15 722	6 029	50 +	16.5	42.1	19 728	2 405	50 +	14.7	46.8
Social scientists	111 274	90 601	13 280	50 +	17 +	37.4	20 673	7 687	50 +	17 +	36.3
Economists	67 334	59 604	13 780	50 +	16.7	37.9	7 730	7 228	50 +	16.1	35.2
Political scientists	945	698	13 588	50 +	17 +	34.7	247	...	...	...	...
Psychologists	28 673	18 373	12 884	50 +	17 +	36.7	10 300	8 342	48.0	17 +	38.1
Sociologists	1 364	911	10 278	50 +	17 +	30.7	453	6 237	50 +	17 +	31.7
Urban and regional planners	9 214	8 251	11 544	50 +	17.0	35.9	963	6 726	50 +	16.9	28.1
Social scientists, n.e.c.	3 744	2 764	10 670	50 +	17 +	38.5	980	5 907	50 +	16.4	32.8
Social and recreation workers	276 010	113 747	7 939	50 +	16.4	33.8	162 263	6 172	50 +	16.3	36.1
Social	222 493	82 561	8 414	50 +	16.6	35.5	139 932	6 475	50 +	16.4	37.1
Recreation	53 517	31 186	6 101	50 +	14.7	28.1	22 331	2 476	44.5	13.7	29.0

Table 1. Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Male					Female					
	Both sexes	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Professional, technical, and kindred workers—Con.											
Teachers, college and university	496 412	354 671	11 248	50+	17+	36.5	141 741	6 220	43.6	17+	35.9
Agriculture	5 157	4 903	12 660	50+	17+	43.2	254	...	...	...	...
Atmospheric, earth, marine, and space	4 782	4 238	11 834	50+	17+	34.6	544	2 471	39.5	17+	24.9
Biology	20 398	15 962	12 192	50+	17+	37.0	4 436	6 271	45.7	17+	33.7
Chemistry	15 382	13 600	12 693	50+	17+	35.2	1 782	7 050	47.5	17+	32.0
Physics	14 212	13 597	11 958	50+	17+	34.5	6 15	9 589	46.8	17+	34.1
Engineering	17 174	16 141	13 898	50+	17+	38.4	1 033	5 130	43.9	16.6	41.9
Mathematics	25 641	20 964	10 743	50.0	17+	33.4	4 677	6 106	41.4	17+	33.5
Health specialties	28 178	14 817	17 844	50+	17+	40.7	13 361	8 063	47.5	17+	38.4
Psychology	12 908	9 074	14 220	50+	17+	37.0	3 834	8 212	45.8	17+	36.6
Business and commerce	13 915	9 489	12 120	50+	17+	38.5	4 426	6 654	43.6	17+	38.3
Economics	10 183	9 304	12 925	50+	17+	37.8	8 879	8 725	45.1	17+	37.8
History	17 092	14 032	10 833	49.6	17+	35.9	3 060	6 304	42.9	17+	35.3
Sociology	6 918	5 214	11 097	50+	17+	36.7	1 704	6 631	45.1	17+	33.4
Social science teachers, n.e.c.	12 732	10 069	12 248	49.7	17+	37.6	2 663	8 843	48.4	17+	39.7
Art, drama, and music	30 654	19 992	10 735	48.6	17+	38.2	10 662	5 242	42.0	17+	39.8
Coaches and physical education	17 023	12 600	10 584	50+	17+	33.8	4 423	7 188	41.5	17+	32.1
Education	7 552	5 343	14 248	50+	17+	42.2	2 209	9 018	46.7	17+	42.1
English	39 412	22 928	10 499	48.3	17+	36.8	16 484	6 860	42.5	17+	35.9
Foreign language	21 256	11 310	10 237	48.7	17+	38.7	9 946	5 824	41.4	17+	32.9
Home economics	4 285	329	...	...	...	...	3 956	7 603	43.9	17+	44.3
Law	3 005	2 808	18 161	50+	17+	40.6	197	...	...	...	...
Theology	5 189	4 308	9 603	50+	17+	41.2	881	3 682	42.1	17.0	40.1
Trade, industrial, and technical	3 433	2 744	9 550	50+	17+	42.3	689	5 047	47.0	15.6	36.4
Miscellaneous teachers, college and university	19 393	14 096	10 757	49.4	17+	37.1	5 297	7 316	43.8	17+	36.8
Teachers, college and university, subject not specified	140 538	96 809	9 958	50+	17+	34.6	43 729	4 561	43.2	17+	33.5
Teachers, except college and university	2 785 783	819 243	8 711	48.0	17.0	33.5	1 966 540	6 369	40.9	16.6	37.6
Adult education	51 635	27 535	9 469	50+	15.1	38.1	24 100	4 761	44.1	16.1	37.5
Elementary school	1 447 592	232 849	8 123	47.1	16.9	32.5	1 214 743	6 586	40.8	16.6	38.2
Public	1 192 605	195 846	8 366	47.1	17.0	33.0	996 759	6 883	40.7	16.6	38.5
Private	254 987	37 003	6 843	46.9	16.7	29.6	217 984	4 430	40.8	16.4	37.1
Prekindergarten and kindergarten	128 224	2 340	5 278	47.5	16.1	32.6	125 884	3 042	39.4	15.9	37.9
Public	57 571	1 236	5 068	46.0	16.4	30.7	56 335	6 073	42.4	16.4	37.5
Private	70 653	1 104	5 382	50.0	14.4	33.9	69 549	1 898	36.5	14.4	38.1
Secondary school	1 003 598	510 768	9 036	47.7	17+	33.5	492 822	6 724	41.1	16.8	34.9
Public	843 915	435 605	9 247	47.7	17+	34.1	408 310	6 975	41.0	16.8	34.8
Private	159 675	75 163	7 740	47.8	17.0	30.2	84 512	4 879	41.4	16.8	35.6
Teachers, except college and university, n.e.c.	154 742	45 751	6 941	50+	13.8	37.3	108 991	1 936	42.8	14.5	41.3
Engineering and science technicians	843 023	750 138	8 699	50+	12.9	33.1	92 885	5 433	50+	12.8	33.9
Agriculture and biological technicians, except health	33 453	22 493	7 187	50+	12.8	34.8	10 960	4 699	50+	12.6	37.0
Chemical technicians	60 435	51 553	8 452	50+	13.1	33.2	8 882	5 606	50+	12.9	33.9
Draftsmen	300 610	276 182	8 679	50+	12.9	31.7	24 428	5 630	50+	12.8	32.5
Electrical and electronic engineering	164 425	154 746	9 361	50+	12.8	33.8	9 679	6 280	50+	12.5	38.7
Industrial engineering	22 005	19 193	9 382	50+	12.7	37.2	2 812	5 739	50+	12.7	34.1
Mechanical engineering	13 898	13 461	10 505	50+	12.8	40.7	437	...	...	12.4	37.7
Mathematical	738	702	10 331	50+	13.4	35.7	36	...	...	...	...
Surveyors	60 784	58 714	7 387	50+	12.7	32.1	2 070	2 510	41.8	12.6	36.8
Engineering and science technicians, n.e.c.	186 675	153 094	8 503	50+	12.9	33.9	33 581	5 241	50+	12.8	31.6
Technicians, except health, and engineering and science	161 371	143 587	11 063	50+	12.9	37.5	17 784	4 904	50+	12.7	36.9
Airplane pilots	53 842	53 312	17 206	50+	14.2	37.5	530	9 240	50+	13.9	38.8
Air traffic controllers	25 655	24 429	13 021	50+	12.7	37.3	1 226	7 453	50+	12.7	40.3
Embalmers	4 998	4 798	7 180	50+	13.9	34.7	200	...	...	...	...
Flight engineers	6 832	6 708	12 981	50+	13.3	37.3	124	...	...	...	...
Radio operators	28 858	21 185	7 289	50+	12.5	40.2	7 673	3 921	50+	12.4	36.6
Tool programmers, numerical control	3 045	2 507	10 507	50+	13.4	32.4	538	6 705	50+	15.9	28.9
Technicians, n.e.c.	38 141	30 648	8 786	50+	12.7	37.1	7 493	5 547	50+	12.9	37.7
Vocational and educational counselors	108 211	59 827	10 248	50+	17+	37.1	48 384	8 076	45.2	17+	41.0
Writers, artists, and entertainers	797 574	554 123	9 430	50+	14.1	37.1	243 451	4 170	50.0	14.1	35.8
Actors	14 140	8 213	6 816	37.9	14.5	35.1	5 927	5 021	28.5	13.8	34.8
Athletes and kindred workers	52 985	37 998	6 273	50+	12.9	30.1	14 987	1 650	38.7	12.9	27.9
Authors	26 004	18 069	10 823	50+	15.9	40.9	7 935	5 451	50+	16.2	42.8
Dancers	6 924	1 271	4 421	42.7	12.9	29.0	5 653	3 469	36.9	12.3	23.7
Designers	112 325	85 243	11 155	50+	14.1	37.5	27 082	5 461	50+	13.7	36.1
Editors and reporters	152 984	91 501	10 618	50+	16.2	39.1	61 483	5 530	50+	15.7	35.8
Musicians and composers	96 537	63 677	4 668	45.0	12.9	28.9	32 860	1 395	44.2	13.6	37.5
Painters and sculptors	107 476	67 917	9 454	50+	13.7	39.3	39 559	3 946	49.2	13.9	35.8
Photographers	65 960	56 526	8 551	50+	12.7	39.6	9 434	3 655	50+	12.6	38.5
Public relations men and publicity writers	75 852	55 698	11 713	50+	15.9	42.0	20 154	6 133	50+	14.7	39.8
Radio and television announcers	22 296	20 873	6 974	50+	13.8	28.3	1 423	2 963	50+	13.4	37.9
Writers, artists, and entertainers, n.e.c.	64 091	47 137	9 350	50+	14.0	37.8	16 954	4 490	48.3	13.5	36.8
Research workers, not specified	118 672	88 583	9 661	50+	17+	33.0	30 089	5 113	50.0	16.5	28.1
Professional, technical, and kindred workers—allocated	551 345	293 762	8 789	50+	14.3	35.2	257 583	5 112	50+	14.1	36.8

Table 1. Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Both sexes	Male					Female				
		Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Managers and administrators, except farm	6 478 186	5 394 585	11 012	50+	12.9	44.7	1 083 601	5 494	50+	12.6	47.2
Assessors, controllers, and treasurers; local public administration	28 476	17 500	8 069	50+	12.8	54.6	10 976	4 472	50+	12.5	49.4
Bank officers and financial managers	315 666	260 360	11 742	50+	15.0	40.1	55 306	6 241	50+	12.7	42.1
Buyers and shippers, farm products	20 901	20 461	8 113	50+	12.3	47.5	440	...	50+	12.3	28.9
Buyers, wholesale and retail trade	180 717	127 258	9 987	50+	12.8	43.6	53 459	5 518	50+	12.7	45.7
Credit men	62 830	45 358	9 330	50+	14.0	37.9	17 472	5 248	50+	12.6	43.3
Funeral directors	35 928	33 468	9 368	50+	13.8	45.8	2 460	6 406	50+	12.9	53.2
Health administrators	85 252	47 086	12 087	50+	16.1	46.1	38 166	7 149	50+	13.5	49.4
Construction inspectors; public administration	19 083	18 898	9 151	50+	12.5	51.4	185	...	...	...	...
Inspectors, except construction; public administration	83 052	77 224	9 545	50+	12.7	47.1	5 828	6 058	50+	12.5	44.1
Federal public administration and postal service	52 106	48 140	10 515	50+	12.7	46.5	3 966	6 341	50+	12.5	42.7
State public administration	20 483	19 436	8 211	50+	12.7	48.7	1 047	5 621	50+	12.4	49.4
Local public administration	10 463	9 648	8 068	50+	12.6	47.8	815	4 774	50+	12.7	45.2
Managers and superintendents, building	86 387	51 164	7 419	50+	12.5	52.2	35 223	2 942	50+	12.3	52.6
Office managers, n.e.c.	219 146	130 695	10 431	50+	13.4	43.2	88 451	6 532	50+	12.7	45.9
Officers, pilots, and pursers; ship	25 883	25 379	10 635	50+	11.4	44.8	504	6 921	50+	12.7	47.1
Officials and administrators; public administration, n.e.c.	241 888	196 471	11 352	50+	13.9	48.2	45 417	7 071	50+	12.8	47.1
Federal public administration and postal service	118 500	98 467	13 269	50+	14.8	47.3	20 033	8 986	50+	12.9	45.2
State public administration	47 327	41 240	10 166	50+	14.0	47.9	6 087	6 496	50+	12.8	48.7
Local public administration	76 061	56 764	9 149	50+	12.8	50.9	19 297	4 851	50+	12.7	48.7
Officials of lodges, societies, and unions	48 670	40 618	11 397	50+	12.8	46.9	8 052	6 405	50+	13.6	46.1
Postmasters and mail superintendents	34 657	24 027	10 101	50+	12.7	52.0	10 630	6 820	50+	12.4	55.1
Purchasing agents and buyers, n.e.c.	165 203	142 549	10 616	50+	13.3	44.3	22 654	6 889	50+	12.7	45.2
Railroad conductors	41 503	41 072	10 801	50+	12.1	51.5	431	8 239	50+	12.1	44.7
Restaurant, cafeteria, and bar managers	330 179	218 053	8 242	50+	12.4	43.2	112 126	3 819	50+	12.0	48.2
Sales managers and department heads, retail trade	215 249	162 772	9 508	50+	12.7	38.7	52 477	4 798	50+	12.4	45.2
Sales managers, except retail trade	256 942	247 958	14 526	50+	14.5	42.9	8 984	7 313	50+	12.8	41.7
School administrators, college	38 791	29 887	13 938	50+	17+	44.0	8 904	7 574	50+	16.8	45.4
School administrators, elementary and secondary	172 851	126 351	13 191	50+	17+	44.0	46 500	7 949	48.0	17+	48.9
Managers and administrators, n.e.c., salaried	2 614 103	2 342 064	11 914	50+	12.9	44.0	272 039	5 770	50+	12.6	45.9
Construction	244 790	240 339	12 795	50+	12.5	45.1	4 451	9 344	50+	12.5	47.5
Durable goods manufacturing	378 612	365 504	14 829	50+	14.1	44.6	13 108	7 989	50+	12.7	46.7
Nondurable goods, incl. not specified manufacturing	274 062	257 171	14 028	50+	13.9	45.4	16 891	6 847	50+	12.6	46.3
Transportation	132 631	117 141	11 427	50+	12.7	45.4	15 490	5 454	50+	12.9	41.7
Communications, and utilities and sanitary services	102 078	91 135	12 741	50+	13.0	45.1	10 943	7 174	50+	12.7	40.4
Wholesale trade	226 478	215 986	12 464	50+	12.9	45.8	10 492	7 268	50+	12.7	47.9
Retail trade	664 862	576 536	9 332	50+	12.6	41.2	88 326	4 937	50+	12.4	46.2
Hardware, farm equipment, and building material retailing	49 742	47 755	9 579	50+	12.7	45.5	1 987	6 184	50+	12.6	49.1
General merchandise stores	98 726	75 671	9 468	50+	12.9	37.3	23 055	4 839	50+	12.4	44.8
Food stores	140 414	123 079	9 118	50+	12.5	38.4	17 335	4 498	50+	12.0	45.8
Motor vehicles and accessories retailing	99 365	96 774	10 037	50+	12.5	42.4	2 591	7 272	50+	12.6	43.4
Gasoline service stations	66 559	64 528	6 777	50+	12.1	38.6	2 031	5 094	50+	11.7	41.6
Apparel and accessories stores	57 316	38 658	10 258	50+	12.9	42.6	18 658	5 130	50+	12.5	48.2
Furniture, home furnishings, and equipment stores	39 836	36 403	11 055	50+	12.8	43.9	3 433	6 114	50+	12.6	44.4
Other retail trade	112 904	93 668	9 581	50+	12.7	43.6	19 236	4 785	50+	12.5	47.0
Finance, insurance, and real estate	154 827	132 300	13 322	50+	15.1	43.3	22 527	6 669	50+	12.7	45.2
Business and repair services	126 656	112 092	12 393	50+	13.5	41.6	14 564	6 695	50+	12.9	41.6
Personal services	93 351	61 495	8 883	50+	12.6	47.0	31 856	3 755	50+	12.1	50.2
All other industries ¹	215 756	172 365	11 907	50+	15.2	44.3	43 391	6 604	50+	14.0	45.8
Managers and administrators, n.e.c., self-employed	914 719	772 212	8 878	50+	12.3	49.1	142 507	3 837	50+	12.3	51.9
Construction	142 699	140 640	9 799	50+	12.2	45.8	2 059	7 349	50+	12.4	46.3
Durable goods manufacturing	38 799	36 618	9 698	50+	12.3	48.9	2 181	3 498	50+	12.4	51.9
Nondurable goods, incl. not specified manufacturing	28 900	24 814	10 615	50+	12.7	49.9	4 086	4 319	50+	12.5	51.0
Transportation	20 736	18 563	9 631	50+	12.1	47.6	2 173	5 219	50+	12.7	50.3
Communications, and utilities and sanitary services	2 200	2 031	11 971	50+	12.2	48.7	169	...	...	...	...
Wholesale trade	56 719	52 585	10 324	50+	12.5	51.0	4 134	5 564	50+	12.5	51.1
Retail trade	436 284	349 368	7 945	50+	12.2	50.0	86 916	3 603	50+	12.2	52.3
Hardware, farm equipment, and building material retailing	29 333	27 055	9 398	50+	12.5	51.9	2 278	4 869	50+	12.4	53.5
General merchandise stores	24 123	16 096	8 377	50+	12.5	53.0	8 027	3 618	50+	12.4	52.9
Food stores	117 089	85 244	6 892	50+	11.9	52.5	31 845	3 285	50+	11.2	52.5
Motor vehicles and accessories retailing	24 953	23 847	10 037	50+	12.4	47.5	1 106	5 190	50+	12.4	50.9
Gasoline service stations	101 010	97 547	7 495	50+	12.0	45.2	3 463	3 574	50+	11.4	49.7
Apparel and accessories stores	24 391	14 581	10 738	50+	12.7	54.1	9 810	5 210	50+	12.4	53.1
Furniture, home furnishings, and equipment stores	27 596	23 613	9 616	50+	12.5	48.6	3 983	4 531	50+	12.5	50.7
Other retail trade	87 789	61 385	8 363	50+	12.5	51.7	26 404	3 387	50+	12.4	52.1
Finance, insurance, and real estate	22 903	20 478	14 155	50+	14.5	52.0	2 425	5 235	50+	12.9	55.7
Business and repair services	51 769	46 153	9 448	50+	12.4	47.1	5 616	4 942	50+	12.7	50.0
Personal services	73 259	47 770	8 004	50+	12.3	53.5	25 489	3 938	50+	12.2	52.4
All other industries ¹	40 451	33 192	9 323	50+	12.6	48.7	7 259	3 900	50+	12.7	48.9
Managers and administrators, except farm—allocated	240 110	195 700	8 801	50+	12.5	40.3	44 410	4 884	50+	12.3	40.5

¹Includes transportation, communications, and other public utilities—allocated.

Table 1. Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Male					Female					
	Both sexes	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Sales workers	5 612 766	3 363 507	8 447	50+	12.7	40.8	2 249 259	2 316	48.6	12.2	42.1
Advertising agents and salesmen	66 903	53 053	10 789	50+	14.4	40.6	13 850	5 024	50+	12.9	35.4
Auctioneers	5 278	5 001	9 775	50+	12.2	45.3	2 777	...	...	...	...
Demonstrators	41 024	3 776	8 142	50+	12.7	36.4	37 248	1 266	33.6	12.4	35.1
Hucksters and peddlers	124 501	26 303	5 569	50+	12.3	42.8	98 198	956	36.3	12.3	39.0
Insurance agents, brokers, and underwriters	464 020	405 502	10 015	50+	13.4	41.5	58 518	5 194	50+	12.6	41.7
Newsboys	68 483	57 452	795	50+	10.7	17.7	11 031	1 529	50+	12.0	38.6
Real estate agents and brokers	265 274	179 127	10 265	50+	13.2	50.0	86 147	4 261	50+	12.7	48.0
Stock and bond salesmen	99 677	90 964	13 565	50+	16.2	39.5	8 713	5 899	50+	12.9	41.9
Salesmen and sales clerks, n.e.c.	4 133 660	2 369 269	8 121	50+	12.6	40.6	1 264 391	2 274	48.3	12.2	43.0
Sales representatives, manufacturing industries	421 129	383 958	11 124	50+	13.6	41.0	37 171	3 721	50+	12.4	42.0
Sales representatives, wholesale trade	645 783	602 925	9 585	50+	12.8	42.2	42 858	3 684	50+	12.4	43.3
Sales clerks, retail trade	2 363 521	822 662	5 482	50+	12.4	35.5	1 540 859	2 208	48.0	12.2	43.2
General merchandise stores	858 134	164 105	5 056	50+	12.5	29.8	694 029	2 271	47.5	12.2	42.5
Food stores	297 308	125 077	5 142	50+	11.8	39.3	172 231	1 905	49.7	11.5	43.5
Apparel and accessories stores	417 917	131 992	4 572	50+	12.4	27.7	285 925	2 265	47.1	12.2	45.6
Other sales clerks, retail trade	790 162	401 488	5 947	50+	12.4	38.6	388 674	2 167	49.0	12.2	42.7
Salesmen, retail trade	466 664	406 207	7 839	50+	12.5	42.9	60 457	3 092	50+	12.3	44.8
Motor vehicles and accessories dealers	215 498	210 283	8 247	50+	12.4	43.0	5 215	4 693	50+	12.4	40.2
Salesmen of services and construction	236 563	153 517	9 236	50+	12.9	40.8	83 046	2 256	45.4	12.3	37.0
Sales workers—allocated	343 946	173 060	6 861	50+	12.2	35.0	170 886	2 386	50.0	12.1	37.3
Clerical and kindred workers	14 252 294	3 736 863	7 259	50+	12.5	37.7	10 515 431	4 228	50+	12.5	35.1
Bank tellers	255 549	35 294	5 749	50+	12.8	28.2	220 255	4 179	50+	12.6	32.6
Billing clerks	106 771	19 394	6 880	50+	12.6	34.8	87 377	4 340	50+	12.5	35.6
Bookkeepers	1 591 448	284 197	7 401	50+	12.8	41.1	1 307 251	4 477	50+	12.5	41.7
Cashiers	870 248	138 189	3 154	50.0	12.3	23.4	732 059	2 431	47.0	12.1	32.9
Clerical assistants, social welfare	1 309	339	...	...	...	...	970	3 841	50+	12.6	39.1
Clerical supervisors, n.e.c.	112 262	63 935	10 865	50+	12.9	45.6	48 327	6 995	50+	12.6	44.9
Collectors, bill and account	52 669	33 508	6 471	50+	12.8	30.6	19 161	4 044	50+	12.5	39.4
Counter clerks, except food	233 978	76 062	5 317	50+	12.5	34.1	157 916	2 938	50+	12.3	38.2
Dispatchers and starters, vehicle	61 574	50 057	8 454	50+	12.3	43.1	11 517	3 885	50+	12.3	38.6
Enumerators and interviewers	71 261	14 389	4 606	46.9	13.5	30.8	56 872	1 440	27.1	12.7	39.1
Estimators and investigators, n.e.c.	269 222	165 760	9 859	50+	13.3	41.4	103 462	4 662	50+	12.6	37.1
Expeditors and production controllers	207 110	160 750	8 736	50+	12.6	39.4	46 360	5 297	50+	12.5	38.2
File clerks	382 806	68 605	4 952	50+	12.5	27.6	314 201	3 430	49.3	12.4	28.0
Insurance adjusters, examiners, and investigators	97 186	72 210	9 198	50+	15.2	37.4	24 976	5 232	50+	12.8	29.8
Library attendants and assistants	128 007	27 081	1 546	41.1	13.9	21.9	103 926	2 058	45.6	13.1	29.8
Mail carriers, post office	256 908	236 624	8 113	50+	12.5	44.0	20 284	4 217	50+	12.4	36.7
Mail handlers, except post office	129 780	73 155	4 937	50+	12.3	28.6	56 625	3 371	49.1	12.4	34.2
Messengers, including telegraph, and office boys	59 181	46 823	3 029	47.6	11.4	28.9	12 358	2 110	42.5	12.3	23.4
Meter readers, utilities	33 785	32 793	6 679	50+	12.3	34.0	992	4 572	50+	12.2	39.2
Office machine operators	581 047	152 114	7 101	50+	12.7	27.7	428 933	4 563	50+	12.5	29.3
Bookkeeping and billing machine	66 788	6 925	6 302	50+	12.7	30.8	59 863	4 312	50+	12.5	31.1
Calculating machine	37 407	3 422	6 305	50+	12.8	27.3	33 985	4 713	50+	12.4	41.8
Computer and peripheral equipment	121 981	86 168	7 482	50+	12.8	27.0	35 813	5 287	50+	12.6	29.4
Duplicating machine	20 753	8 961	5 270	50+	12.4	28.2	11 792	4 125	50+	12.4	35.0
Key punch	287 421	30 199	7 454	50+	12.6	29.8	257 222	4 597	50+	12.5	27.7
Tabulating machine	9 153	4 355	6 343	50+	12.7	27.1	4 798	5 203	50+	12.4	32.3
Office machine, n.e.c.	37 544	12 084	5 248	50+	12.4	28.0	25 460	3 893	50+	12.4	36.9
Payroll and timekeeping clerks	160 784	49 696	7 834	50+	12.6	42.1	111 088	5 202	50+	12.5	40.7
Postal clerks	299 783	208 525	8 354	50+	12.5	44.6	91 258	5 721	50+	12.5	40.1
Proofreaders	29 802	7 777	8 348	50+	12.8	45.2	22 025	4 110	50+	12.6	41.7
Real estate appraisers	22 814	21 845	10 765	50+	14.9	46.5	969	6 075	50+	12.6	49.4
Receptionists	319 424	17 070	4 281	50+	12.9	29.4	302 354	3 376	50+	12.6	31.9
Secretaries	2 770 426	63 295	7 536	50+	12.9	42.1	2 707 131	4 803	50+	12.7	33.8
Secretaries, legal	87 700	1 331	7 457	50+	13.7	38.3	86 369	5 379	50+	12.7	32.0
Secretaries, medical	70 729	804	5 861	50+	13.1	33.0	69 925	4 701	50+	12.8	34.8
Shipping and receiving clerks	429 748	367 431	6 427	50+	12.1	37.1	62 317	3 977	50+	12.2	40.3
Statistical clerks	251 318	88 706	7 956	50+	12.7	40.7	162 612	4 887	50+	12.5	38.7
Stenographers	131 558	8 606	10 512	50+	12.9	41.6	122 952	5 246	50+	12.6	35.0
Stock clerks and storekeepers	474 599	365 859	6 288	50+	12.2	35.3	108 740	4 232	50+	12.3	40.3
Teacher aides, except school monitors	135 020	14 082	1 769	35.4	13.6	23.0	120 938	1 672	34.2	12.6	37.3
Telephone operators	13 361	9 516	8 132	50+	12.5	41.9	3 845	5 258	50+	12.5	38.2
Ticket, station, and express agents	428 807	23 729	6 469	50+	12.5	35.4	405 078	4 241	50+	12.4	33.1
Typists	100 835	63 799	8 676	50+	12.7	35.4	37 036	6 194	50+	12.8	28.4
Weighters	1 021 325	59 468	6 025	50+	12.6	29.9	961 857	4 042	50+	12.5	29.4
	41 243	28 674	6 979	50+	11.6	42.7	12 569	3 823	49.6	11.4	41.3

Table 1. **Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Both sexes	Male					Female				
		Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Clerical and kindred workers—Continued											
Miscellaneous and not specified clerical workers	1 336 108	373 773	7 225	50+	12.7	38.2	962 335	4 118	50+	12.5	37.7
Occupation:											
Miscellaneous clerical workers	484 721	170 658	7 893	50+	12.7	38.6	314 063	4 245	50+	12.5	36.1
Not specified clerical workers	851 387	203 115	6 623	50+	12.6	37.7	648 272	4 056	50+	12.5	38.5
Industry:											
Manufacturing	224 635	89 847	8 267	50+	12.7	39.2	134 788	4 644	50+	12.5	38.4
Transportation, communications, and other public utilities	167 848	61 132	8 066	50+	12.6	41.6	106 716	5 180	50+	12.6	32.8
Wholesale and retail trade	260 896	63 628	5 769	50+	12.4	34.0	197 268	3 256	50+	12.4	38.9
Finance, insurance, and real estate	188 914	40 004	6 170	50+	12.8	30.0	148 910	4 363	50+	12.5	32.6
Professional and related services	203 932	36 840	3 854	50.0	14.0	27.2	167 092	3 366	49.9	12.7	35.8
Public administration	165 996	47 342	7 418	50+	12.7	45.2	118 654	5 191	50+	12.6	44.2
All other industries	123 887	34 980	6 294	50+	12.6	39.5	88 907	3 092	50+	12.4	39.8
Clerical and kindred workers—allocated	783 238	213 733	6 631	50+	12.3	34.6	569 505	3 788	50+	12.3	34.8
Craftsmen and kindred workers	11 106 107	10 558 346	8 176	50+	12.0	41.5	547 761	4 450	50+	12.0	42.6
Automobile accessories installers	7 126	6 765	6 690	50+	11.5	33.1	361	...	...	...	...
Bakers	112 649	79 421	6 895	50+	10.5	43.2	33 228	2 798	47.7	11.1	48.5
Cabinetmakers	69 478	65 889	6 516	50+	10.9	44.0	3 589	3 707	47.8	10.5	37.5
Carpet installers	47 233	46 460	7 018	50+	11.8	30.1	773	5 219	49.6	11.2	42.0
Construction craftsmen	3 040 036	2 988 661	7 679	50+	11.2	42.1	51 375	5 137	50+	11.4	40.8
Brickmasons and stonemasons	181 570	179 257	7 758	47.7	10.7	40.4	2 313	4 995	50.0	11.3	38.7
Brickmasons and stonemasons, apprentices	4 148	3 980	6 478	50+	12.3	24.9	168	...	...	...	...
Bulldozer operators	97 982	96 618	6 853	50+	9.9	40.9	1 364	6 398	50+	9.4	43.8
Carpenters	928 123	916 005	7 025	50+	10.8	44.0	12 118	5 057	48.4	11.1	39.6
Carpenter apprentices	9 969	9 797	4 982	45.1	12.4	22.2	172	...	...	...	...
Cement and concrete finishers	78 420	77 184	6 922	47.3	9.4	40.5	1 236	5 815	46.8	8.9	39.9
Electricians	495 839	486 854	9 325	50+	12.3	40.2	8 985	6 215	50+	12.1	37.9
Electrician apprentices	22 225	21 996	6 721	50+	12.5	23.9	229	...	...	...	...
Excavating, grading, and road machine operators, except bulldozer	251 713	248 995	7 560	50+	10.2	41.6	2 718	6 331	50+	9.7	42.9
Floor layers, except tile setters	22 838	22 430	7 102	50+	11.2	40.0	408	5 000	50+	11.2	41.6
Painters, construction and maintenance	362 201	348 214	6 077	49.8	10.3	44.0	13 987	3 906	49.0	11.8	41.6
Painter apprentices	1 760	1 744	4 969	49.7	12.2	23.0	16	...	...	...	...
Paperhangers	10 777	9 693	6 595	48.3	10.7	51.0	1 084	1 330	35.2	11.6	53.1
Plasterers	31 436	30 927	7 679	49.0	10.3	43.8	509	6 282	46.5	12.1	34.6
Plasterer apprentices	682	622	5 780	50+	11.4	23.7	60	...	...	...	...
Plumbers and pipe fitters	401 172	397 030	8 985	50+	11.9	42.3	4 142	7 205	50+	11.7	43.2
Plumber and pipe fitter apprentices	15 436	15 277	6 260	50+	12.5	23.7	159	...	...	...	...
Roofers and slaters	64 634	63 640	6 076	48.0	10.2	35.5	994	4 975	50.0	9.5	34.0
Structural metal craftsmen	79 608	78 548	9 431	50+	11.6	39.3	1 060	7 769	50+	10.8	41.8
Tile setters	33 723	33 266	7 474	50+	11.1	39.6	457	5 069	50.0	9.5	37.1
Cranemen, derrickmen, and hoistmen	160 820	158 669	8 442	50+	10.4	43.0	2 151	6 734	50+	10.9	42.0
Decorators and window dressers	74 004	30 717	6 696	50+	12.6	36.1	43 287	2 923	50+	12.5	42.7
Dental laboratory technicians	27 376	21 021	7 879	50+	12.4	41.4	6 355	4 105	50+	12.5	32.3
Electric power linemen and cablemen	103 887	102 643	9 344	50+	12.3	35.4	1 244	6 223	50+	12.0	34.3
Engravers, except photoengravers	8 812	6 254	7 132	50+	12.1	37.0	2 558	4 396	50+	11.8	40.9
Foremen, n.e.c.	1 598 906	1 468 320	10 018	50+	12.2	44.2	130 586	5 360	50+	12.1	45.3
Construction	160 216	158 720	9 989	50+	11.5	43.6	1 496	8 707	50+	11.3	39.7
Manufacturing	931 155	850 163	10 292	50+	12.3	43.8	80 992	5 273	50+	11.6	45.3
Metal industries	145 818	142 379	10 760	50+	12.2	45.3	3 439	6 785	50+	12.0	44.8
Machinery, except electrical	90 481	88 018	10 861	50+	12.4	44.2	2 463	6 892	50+	12.4	44.1
Electrical machinery, equipment, and supplies	84 631	75 138	10 646	50+	12.6	41.3	9 493	5 899	50+	12.1	43.1
Transportation equipment	109 137	106 950	12 131	50+	12.4	43.9	2 187	8 779	50+	12.4	44.2
Other durable goods	137 234	127 151	9 349	50+	12.2	43.6	10 083	5 525	50+	11.7	46.1
Food and kindred products	67 724	61 431	9 092	50+	12.1	43.5	6 293	4 701	50+	10.5	47.7
Textiles, textile products, and apparel	96 158	64 800	8 209	50+	11.5	43.8	31 358	4 764	50+	11.0	45.1
Other nondurable goods, including not specified manufacturing	199 972	184 296	10 333	50+	12.4	43.7	15 676	5 532	50+	12.1	45.8
Transportation	71 265	69 703	9 503	50+	12.2	46.9	1 562	7 360	50+	12.1	41.3
Communications, and utilities and sanitary services	83 376	78 871	11 187	50+	12.4	46.4	4 505	7 763	50+	12.6	42.4
Wholesale and retail trade	177 401	155 353	8 925	50+	12.3	42.5	22 048	4 904	50+	12.3	45.4
All other industries ¹	175 493	155 510	9 353	50+	12.2	46.1	19 983	5 567	50+	12.4	46.2
Furniture and wood finishers	22 812	18 683	5 786	50+	10.6	44.0	4 129	3 401	50+	10.5	41.2
Furriers	3 213	2 650	7 159	50+	11.2	56.8	563	3 465	47.7	10.3	49.6
Glaziers	26 124	25 130	8 082	50+	11.7	38.4	994	3 917	50+	12.1	29.9
Inspectors, scalers, and graders; log and lumber	19 064	16 843	6 150	50+	10.8	44.3	2 221	3 405	49.9	10.7	40.7
Inspectors, n.e.c.	119 628	110 276	8 317	50+	12.3	45.4	9 352	3 906	50+	11.5	42.9
Construction	23 058	22 869	7 794	50+	12.5	42.3	189	...	...	...	...
Railroads and railway express service	24 305	24 081	8 040	50+	11.2	49.3	224	...	...	...	...

¹Includes transportation, communications, and other public utilities—allocated.

Table 1. Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Male					Female					
	Both sexes	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Craftsmen and kindred workers—Continued											
Jewelers and watchmakers	37 547	33 148	7 100	50+	12.1	49.1	4 399	3 540	50+	11.9	38.6
Locomotive engineers	50 830	50 374	11 530	50+	12.0	51.8	456	11 063	50+	12.1	51.4
Locomotive firemen	13 317	13 089	9 615	50+	12.3	37.2	228	...	...	...	...
Mechanics and repairmen	2 517 871	2 465 759	7 596	50+	12.0	39.5	52 112	5 581	50+	12.0	40.7
Air conditioning, heating, and refrigeration	122 028	120 898	8 205	50+	12.0	40.3	1 130	6 925	50+	11.6	34.3
Aircraft	150 260	145 388	9 189	50+	12.4	39.9	4 872	7 010	50+	12.1	43.1
Automobile body repairmen	110 935	109 860	7 180	50+	11.1	34.9	1 075	5 856	50+	10.8	39.4
Automobile mechanics	833 535	821 822	6 862	50+	11.3	37.6	11 713	5 366	50+	11.5	39.5
Automobile mechanic apprentices	3 399	3 337	3 410	47.9	11.8	19.7	62	...	...	...	...
Data processing machine repairmen	32 261	31 473	10 052	50+	12.8	29.9	788	5 543	50+	12.5	34.5
Farm implement	33 134	32 779	6 056	50+	11.5	39.9	355	...	...	...	...
Heavy equipment mechanics, including diesel mechanics	591 369	580 098	8 162	50+	11.6	42.0	11 271	5 808	50+	11.5	41.1
Household appliance and accessory installers and mechanics	125 617	122 884	7 407	50+	12.1	40.5	2 733	4 507	50+	12.0	38.6
Loom fixers	21 544	21 279	6 814	50+	8.9	45.6	265	...	...	...	...
Office machine	41 414	40 538	7 740	50+	12.5	32.5	876	5 563	50+	12.5	34.7
Radio and television	143 841	138 147	7 366	50+	12.4	39.1	5 694	4 820	50+	12.1	41.7
Railroad and car shop	55 463	54 977	7 669	50+	11.1	46.6	486	7 230	50+	11.8	51.0
Mechanics, except auto, apprentices	7 510	7 126	7 163	50+	12.4	24.9	384	...	...	...	...
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	183 080	174 690	7 593	50+	12.2	39.5	8 390	5 455	50+	12.1	41.0
Manufacturing	53 918	50 260	8 616	50+	12.3	40.4	3 658	5 158	50+	11.9	41.8
Not specified mechanics and repairmen	73 390	70 926	7 769	50+	12.0	42.3	2 464	5 028	50+	11.5	42.1
Manufacturing	27 810	26 357	7 983	50+	11.8	41.4	1 453	5 238	50+	11.3	43.0
Metal craftsmen, except mechanics	1 137 727	1 101 999	8 846	50+	12.1	42.5	35 728	4 977	50+	11.4	40.5
Blacksmiths	10 686	10 340	7 171	50+	10.3	48.8	346	...	...	...	...
Boilermakers	31 703	31 283	8 944	50+	11.1	45.4	420	...	...	12.1	43.4
Forgemen and hammermen	16 384	15 525	8 506	50+	10.6	41.4	859	5 247	50+	10.4	38.9
Heat treaters, annealers, and temperers	22 122	21 647	8 362	50+	11.0	43.8	475	5 404	50+	11.6	48.8
Job and die setters, metal	86 486	84 277	8 694	50+	11.1	42.5	2 209	6 216	50+	10.9	40.2
Machinists	390 366	377 973	8 332	50+	12.1	41.9	12 393	4 733	50+	11.5	39.1
Machinist apprentices	10 019	9 753	6 112	50+	12.4	23.3	266	...	...	...	...
Millwrights	82 044	81 030	9 781	50+	11.5	46.0	1 014	9 725	50+	11.5	43.7
Molders, metal	54 649	48 011	7 327	50+	10.4	39.4	6 638	4 106	50+	11.1	38.5
Molder apprentices	674	658	6 422	50+	12.1	24.5	16	...	...	...	...
Pattern and model makers, except paper	39 781	37 871	10 075	50+	12.3	45.3	1 910	5 635	50+	12.2	43.4
Rollers and finishers, metal	20 954	19 518	8 990	50+	10.8	44.4	1 436	4 863	50+	10.7	45.1
Sheetmetal workers and fitters	164 156	160 407	8 671	50+	12.1	40.0	3 749	6 079	50+	11.3	40.8
Sheetmetal apprentices	5 754	5 710	6 242	50+	12.5	23.0	44	...	...	...	...
Shipfitters	10 658	10 462	8 216	50+	11.8	42.5	196	...	...	...	...
Tool and die makers	207 738	203 655	10 107	50+	12.3	43.1	4 083	5 616	50+	12.1	43.3
Tool and die maker apprentices	9 465	9 409	7 312	50+	12.5	23.6	56	...	...	...	...
Millers, grain, flour, and feed	7 654	7 371	5 945	50+	9.3	45.4	283	...	...	...	...
Motion picture projectionists	15 902	15 303	6 350	50+	12.0	46.6	599	1 669	37.7	12.9	23.6
Opticians, and lens grinders and polishers	28 524	21 992	8 149	50+	12.4	40.9	6 532	4 204	50+	12.2	37.6
Piano and organ tuners and repairmen	7 011	6 732	5 771	50+	12.3	49.1	279	...	...	...	...
Power station operators	18 428	17 707	9 763	50+	12.4	44.6	721	5 248	50+	12.5	36.0
Printing craftsmen	400 323	338 851	8 567	50+	12.3	38.2	61 472	4 134	50+	12.1	39.7
Bookbinders	35 478	15 438	7 867	50+	12.1	36.9	20 040	4 055	50+	11.2	43.2
Compositors and typesetters	161 296	138 178	8 380	50+	12.3	40.0	23 118	3 972	50+	12.3	36.9
Printing trades apprentices, except pressmen	6 505	6 172	4 972	50+	12.4	22.1	333	...	...	...	...
Electrotypers and stereotypers	7 000	6 621	9 770	50+	12.1	43.6	379	...	...	...	...
Photoengravers and lithographers	34 681	30 230	10 399	50+	12.4	39.9	4 451	4 932	50+	12.3	37.0
Pressmen and plate printers, printing	161 868	148 384	8 424	50+	12.2	36.0	13 484	4 320	50+	12.1	39.0
Pressman apprentices	2 952	2 894	6 782	50+	12.4	23.8	58	...	...	...	...
Shoe repairmen	31 027	24 778	5 070	50+	9.0	52.6	6 249	3 574	50+	10.1	43.5
Sign painters and letterers	19 707	17 897	6 358	50+	12.0	48.0	1 810	2 315	50+	12.2	28.8
Stationary engineers	177 023	174 115	8 737	50+	12.1	47.5	2 908	6 373	50+	12.0	40.3
Stone cutters and stone carvers	6 790	6 258	6 146	50+	10.4	42.0	532	3 372	50+	10.2	42.6
Tailors	73 057	49 582	6 782	50+	9.8	48.5	23 475	3 422	50+	10.4	48.4
Telephone installers and repairmen	240 613	232 493	8 985	50+	12.5	33.4	8 120	5 949	50+	12.5	35.8
Telephone linemen and splicers	53 073	52 402	7 789	50+	12.5	29.4	671	6 625	50+	12.3	29.5
Upholsterers	63 178	52 625	6 110	50+	10.5	42.7	10 553	3 449	50+	11.0	43.0
Craftsmen and kindred workers, n.e.c.	89 535	81 327	7 312	50+	11.7	38.4	8 208	3 949	50+	11.4	37.8
Former members of the Armed Forces	37 439	35 913	3 196	50+	12.6	23.6	1 526	2 456	50+	12.4	25.1
Craftsmen and kindred workers—allocated	638 363	610 229	7 289	50+	10.9	40.1	28 134	3 452	50+	11.2	39.9

Table 1. Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Male						Female				
	Both sexes	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Operatives, except transport	11 260 681	6 829 828	6 737	50 +	11.1	36.9	4 430 853	3 634	50 +	10.6	41.3
Asbestos and insulation workers	25 965	25 385	9 355	50 +	11.7	36.8	580	4 669	48.7	10.9	33.0
Assemblers	1 042 489	521 142	6 988	50 +	11.9	33.0	521 347	4 145	50 +	11.6	38.8
Blasters and powdermen	8 136	7 771	7 225	50 +	9.7	41.8	365	...	...	...	...
Bottling and canning operatives	54 981	32 967	6 435	50 +	10.7	39.9	22 014	2 626	36.7	10.0	43.5
Chainmen, rodmen, and oxmen; surveying	12 450	12 270	4 706	49.7	12.3	25.4	180	...	...	...	...
Checkers, examiners, and inspectors; manufacturing	734 378	374 353	7 955	50 +	12.2	41.1	360 025	4 359	50 +	11.3	42.9
Clothing ironers and pressers	196 558	50 128	5 387	50 +	9.6	45.8	146 430	2 980	50 +	9.7	43.6
Cutting operatives, n.e.c.	182 513	133 113	6 692	50 +	10.7	39.1	49 400	3 454	50.0	10.2	41.6
Dressmakers and seamstresses, except factory	101 273	4 447	5 110	50 +	9.8	46.3	96 826	2 664	50.0	10.8	53.6
Drillers, earth	62 528	58 443	7 369	50 +	10.8	38.7	4 085	4 395	50 +	10.7	41.6
Dry wall installers and lathers	49 327	48 835	8 050	50 +	11.1	32.6	492	4 973	50 +	10.4	35.0
Dyers	24 645	22 584	5 425	50 +	10.2	37.2	2 061	3 622	50 +	10.9	39.5
Garage workers and gas station attendants	451 196	438 497	2 668	46.3	11.1	22.0	12 699	2 241	47.8	11.1	29.4
Graders and sorters, manufacturing	44 554	14 208	5 635	50 +	10.5	38.1	30 346	3 103	44.5	10.2	43.1
Produce graders and packers, except factory and farm	33 109	8 100	2 959	44.3	8.9	38.4	25 009	1 982	33.5	9.6	44.6
Laundry and drycleaning operatives, n.e.c.	176 716	64 807	4 830	50 +	10.6	42.7	111 909	2 789	50 +	10.0	45.5
Meat cutters and butchers, except manufacturing	208 105	196 259	7 516	50 +	11.9	41.0	11 846	3 220	50 +	10.8	41.9
Meat cutters and butchers, manufacturing	70 272	50 798	7 587	50 +	10.3	38.6	19 474	3 178	49.8	9.9	39.3
Meat wrappers, retail trade	47 361	3 113	3 300	50 +	11.2	22.5	44 248	4 117	50 +	11.5	40.5
Metalworking operatives, except precision machine	1 054 425	881 168	7 421	50 +	10.9	38.6	173 257	4 260	50 +	10.9	39.5
Fileers, polishers, sanders, and buffers	124 056	98 401	6 388	50 +	10.1	40.2	25 655	3 747	50 +	10.4	38.7
Furnacemen, smeltermen, and pourers	65 710	62 963	7 855	50 +	10.5	41.5	2 747	5 489	50 +	10.6	42.7
Heaters, metal	7 300	7 100	9 184	50 +	10.4	48.5	200	...	...	...	...
Metal platers	33 775	30 694	7 084	50 +	11.1	36.6	3 081	4 267	50 +	11.8	38.4
Punch and stamping press operatives	178 994	122 420	7 202	50 +	11.0	36.9	56 574	4 385	50 +	10.7	41.1
Riveters and fasteners	28 733	15 574	5 984	50 +	10.9	33.1	13 159	3 651	49.8	10.9	39.2
Solderers	44 799	7 179	6 637	50 +	10.7	37.8	37 620	4 273	50 +	11.3	39.4
Welders and flame-cutters	571 058	536 837	7 624	50 +	11.0	38.4	34 221	4 554	50 +	11.2	37.4
Milliners	2 343	216	...	...	...	...	2 127	3 108	49.3	10.7	55.7
Mine operatives, n.e.c.	166 531	161 662	7 253	50 +	10.5	38.8	4 869	4 062	50 +	10.9	39.7
Coal mining	49 468	48 749	7 506	50 +	8.9	44.1	719	5 552	50 +	9.6	41.9
Crude petroleum and natural gas extractions	72 153	68 663	7 335	50 +	11.4	35.6	3 490	3 718	50 +	11.1	39.3
Mining and quarrying, except fuel	44 910	44 250	6 844	50 +	10.9	38.0	660	5 682	50 +	11.1	38.2
Mixing operatives	71 854	68 812	6 741	50 +	11.0	38.5	3 042	4 036	50 +	11.2	40.5
Oilers and greasers, except auto	49 297	47 467	7 480	50 +	10.4	43.3	1 830	4 503	50 +	10.2	42.6
Packers and wrappers, except meat and produce	563 036	211 060	5 336	50 +	10.9	32.3	351 976	3 516	48.9	10.7	40.5
Painters, manufactured articles	123 167	104 235	6 708	50 +	10.5	36.7	18 932	3 750	50 +	11.0	36.8
Photographic process workers	66 919	35 577	7 021	50 +	12.5	32.9	31 342	3 728	50 +	12.3	36.5
Precision machine operatives	435 617	393 198	7 905	50 +	11.7	39.8	42 419	4 756	50 +	10.8	41.9
Drill press operatives	76 506	59 112	7 070	50 +	11.4	36.8	17 394	4 602	50 +	10.6	43.0
Grinding machine operatives	139 673	131 122	8 038	50 +	11.3	41.7	8 551	5 361	50 +	10.9	41.0
Lathe and milling machine operatives	144 827	136 781	8 061	50 +	12.0	39.1	8 046	5 043	50 +	11.2	42.7
Precision machine operatives, n.e.c.	74 611	66 183	8 236	50 +	11.9	39.3	8 428	4 337	50 +	10.6	39.6
Sailors and deckhands	30 621	30 127	6 435	45.4	10.5	41.5	494	4 402	46.8	11.5	33.2
Sawyers	108 290	99 308	4 972	50 +	9.0	41.4	8 982	3 686	50 +	10.4	38.9
Sewers and stitchers	941 650	57 972	5 149	50 +	9.3	41.3	883 678	3 379	49.3	10.1	42.5
Shoemaking machine operatives	65 357	24 804	5 014	50 +	9.3	36.9	40 553	3 497	50 +	10.1	41.0
Stationary firemen	101 529	92 409	7 786	50 +	10.7	47.2	9 120	3 504	50 +	10.5	39.1
Textile operatives	451 410	203 315	5 228	50 +	9.4	37.2	248 095	3 905	50 +	9.9	40.5
Carding, lapping, and combing operatives	20 752	15 330	4 974	50 +	8.3	41.9	5 422	4 236	50 +	9.2	44.3
Knitters, loopers, and toppers	30 883	11 604	5 861	50 +	10.0	38.2	19 279	3 629	50 +	10.1	39.7
Spinners, twisters, and winders	163 744	57 986	5 078	50 +	9.5	33.7	105 758	4 014	50 +	9.5	41.6
Weavers	50 338	23 366	5 589	50 +	9.1	40.9	26 972	4 622	50 +	9.9	42.6
Textile operatives, n.e.c.	185 693	95 029	5 184	50 +	9.7	37.6	90 664	3 652	50 +	10.3	38.2
Winding operatives, n.e.c.	63 670	30 295	7 607	50 +	12.0	36.3	33 375	4 226	50 +	11.4	40.0
Miscellaneous and not specified operatives	2 689 376	1 889 492	6 895	50 +	11.3	36.9	799 884	3 732	50 +	10.9	40.1
Occupation:											
Machine operatives, miscellaneous specified	1 097 087	770 656	7 116	50 +	11.2	37.7	326 431	3 780	50 +	10.9	40.3
Machine operatives, not specified	589 724	425 248	7 020	50 +	11.4	36.4	164 476	4 105	50 +	10.9	39.4
Miscellaneous operatives	678 964	468 817	6 356	50 +	11.3	35.4	210 147	3 387	49.1	10.9	40.1
Not specified operatives	323 601	224 771	6 910	50 +	11.2	37.9	98 830	3 683	50 +	10.7	40.8
Industry:											
Manufacturing	2 287 032	1 581 553	7 059	50 +	11.3	37.0	705 479	3 826	50 +	10.8	40.2
Durable goods	1 262 270	921 213	7 005	50 +	11.1	37.5	341 057	4 163	50 +	11.1	39.3
Lumber and wood products, except furniture	77 468	65 464	5 016	50 +	9.8	38.4	12 004	3 391	50 +	10.5	38.6
Furniture and fixtures	52 433	36 937	5 096	50 +	9.3	37.2	15 496	3 482	50 +	10.0	36.7
Stone, clay, and glass products	105 159	85 054	6 847	50 +	10.6	38.3	20 105	3 946	50 +	11.0	40.8
Glass and glass products	37 679	29 841	7 403	50 +	11.3	36.0	7 838	4 202	49.6	11.2	37.4
Cement, concrete, gypsum, and plaster products	21 322	20 560	6 564	50 +	9.7	40.7	762	3 622	49.9	10.9	37.6
Other stone, clay, and glass products	46 158	34 653	6 533	50 +	10.3	39.3	11 505	3 825	50 +	10.8	42.6

Table 1. Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Male					Female					
	Both sexes	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry—Continued											
Manufacturing—Continued											
Durable goods—Continued											
Primary metal industries	180 682	167 895	7 514	50+	10.8	40.0	12 787	4 517	50+	10.8	39.0
Blast furnaces, steel works, and rolling and finishing mills	62 071	60 704	8 013	50+	11.0	42.7	1 367	5 628	50+	11.0	39.8
Other primary iron and steel industries	51 547	48 208	7 193	50+	10.3	38.8	3 339	4 598	50+	10.3	39.5
Primary nonferrous industries	67 064	58 983	7 230	50+	11.1	37.6	8 081	4 386	50+	11.0	38.7
Fabricated metal industries, including not specified metal	143 708	110 411	6 639	50+	10.8	36.7	33 297	4 222	50+	10.4	40.7
Cutlery, hand tools, and other hardware	16 826	10 505	6 641	50+	10.5	38.8	6 321	4 622	50+	10.4	43.2
Fabricated structural metal products	32 131	28 791	6 450	50+	10.5	36.8	3 340	3 452	47.6	10.7	36.0
Screw machine products, & metal stamping	27 641	19 192	6 930	50+	10.4	36.1	8 449	4 327	50.0	10.3	39.8
Miscellaneous fabricated metal products and not specified metal	67 110	51 923	6 644	50+	11.1	36.3	15 187	4 163	50+	10.3	41.0
Machinery, except electrical	157 582	132 191	7 432	50+	11.9	36.2	25 391	4 550	50+	11.2	40.7
Form machinery and equipment	12 312	11 271	7 542	50+	10.8	40.1	1 041	3 923	49.7	11.0	40.0
Construction & material handling machines	19 402	18 572	7 777	50+	12.0	35.7	830	5 074	49.7	11.5	45.8
Metalworking machinery	29 097	24 676	7 623	50+	12.1	36.6	4 421	4 383	50.0	11.1	38.7
Office and accounting machines, and electronic computing equipment	15 315	9 017	7 682	50+	12.2	34.2	6 298	4 567	50+	11.8	36.9
Other machinery, except electrical	81 456	68 655	7 227	50+	11.7	35.7	12 801	4 615	50+	11.0	42.3
Electrical machinery, equipment, and supplies	209 458	94 099	6 964	50+	12.0	36.3	115 359	4 359	50+	11.6	37.8
Household appliances	18 847	12 904	6 835	50+	11.5	39.1	5 943	3 942	50+	11.2	35.3
Radio, T.V., and communication equipment	53 241	20 985	7 383	50+	12.2	34.1	32 256	4 882	50+	11.9	36.1
Electrical machinery, equipment, and supplies, n.e.c.	123 072	54 081	6 819	50+	11.9	36.6	68 991	4 246	50+	11.5	38.9
Not specified electrical machinery, equipment, and supplies	14 298	6 129	7 072	50+	12.0	38.2	8 169	4 219	50+	11.3	38.6
Transportation equipment	167 982	141 112	7 849	50+	11.5	36.4	26 870	5 236	50+	11.5	40.3
Motor vehicles & motor vehicle equipment	94 576	78 897	8 122	50+	11.4	36.4	15 679	5 411	50+	11.5	40.3
Aircraft and parts	45 336	37 546	8 124	50+	12.0	39.1	7 790	5 719	50+	11.6	42.1
Other transportation equipment	28 070	24 669	6 082	50+	11.0	32.2	3 401	3 660	50.0	10.9	35.7
Professional and photographic equipment, and watches	40 646	20 428	7 393	50+	12.1	36.4	20 218	4 152	50+	11.2	39.4
Professional equipment and supplies	27 112	12 705	6 757	50+	12.0	37.5	14 407	4 197	50+	11.3	40.2
Ordnance	25 484	16 643	6 930	50+	11.7	34.7	8 841	5 304	50+	11.6	40.0
Miscellaneous manufacturing industries	96 070	46 731	5 501	50+	10.6	37.4	49 339	3 442	49.2	10.6	40.4
Durable goods—allocated	5 598	4 248	6 660	50+	11.0	35.9	1 350	4 071	50+	10.3	42.1
Nondurable goods	1 005 525	648 104	7 166	50+	11.6	36.5	357 421	3 560	50.0	10.6	41.0
Food and kindred products	220 151	143 189	6 383	50+	10.5	38.9	76 962	2 944	44.9	10.0	42.3
Meat products	48 168	30 771	6 703	50+	10.0	38.2	17 397	3 069	50.0	9.6	38.8
Dairy products	24 447	22 185	6 861	50+	11.6	38.6	2 262	3 321	50.0	11.3	39.2
Canning and preserving fruits, vegetables, and seafoods	48 546	18 196	4 951	50+	9.5	38.8	30 350	2 062	34.4	9.7	44.0
Bakery products	19 743	12 518	5 971	50+	10.8	32.9	7 225	4 287	50.0	10.7	41.4
Beverage industries	14 644	12 580	7 717	50+	10.9	42.5	2 064	4 436	50.0	10.1	46.7
Other food and kindred products	64 603	46 939	6 329	50+	10.4	40.1	17 664	3 639	50+	10.4	43.4
Tobacco manufactures	20 333	9 368	6 079	50+	10.2	39.4	10 965	3 538	49.4	9.7	46.0
Apparel and other fabricated textile products	96 615	23 764	4 747	50+	10.3	34.9	72 851	3 317	50.0	10.2	41.3
Apparel and accessories	78 397	17 486	4 762	50+	10.4	35.0	60 911	3 309	50.0	10.2	41.4
Miscellaneous fabricated textile products	18 218	6 278	4 709	50+	9.9	34.8	11 940	3 358	49.7	10.0	40.8
Paper and allied products	182 146	138 950	7 420	50+	11.5	35.3	43 196	4 212	50+	10.6	41.1
Pulp, paper, and paperboard mills	83 183	75 087	8 128	50+	11.9	37.4	8 096	4 970	50+	11.1	42.2
Miscellaneous paper and pulp products	39 237	22 113	6 898	50+	11.9	32.9	17 124	4 199	50+	10.7	40.3
Paperboard containers and boxes	59 726	41 750	6 349	50+	10.8	33.2	17 976	3 917	50+	10.4	41.4
Printing, publishing, and allied industries	81 251	44 170	6 909	50+	12.1	30.4	37 081	3 856	50+	11.5	40.9
Printing, publishing, and allied industries, except newspapers	70 153	36 092	7 002	50+	12.1	30.4	34 061	3 947	50+	11.4	41.1
Chemicals and allied products	151 362	125 530	8 163	50+	12.2	37.2	25 832	4 643	50+	11.4	40.4
Industrial chemicals	42 437	40 411	8 674	50+	12.2	38.6	2 026	5 370	50+	12.2	35.5
Synthetic fibers	9 209	7 368	6 864	50+	12.0	33.9	1 841	5 378	50+	11.5	34.2
Soaps and cosmetics	12 974	6 869	7 728	50+	11.9	37.7	6 105	4 411	49.5	10.9	42.5
Other chemicals and allied products	86 742	70 882	8 008	50+	12.1	36.5	15 860	4 566	50+	11.3	40.8
Petroleum and coal products	28 990	28 357	9 034	50+	12.3	43.7	633	5 024	50+	12.2	38.8
Rubber and miscellaneous plastic products	172 583	111 997	7 072	50+	11.6	34.2	60 586	3 844	50.0	11.1	38.2
Rubber products	91 682	71 719	7 821	50+	11.7	36.5	19 963	4 540	50+	11.1	40.8
Miscellaneous plastic products	80 901	40 278	5 783	50+	11.5	30.5	40 623	3 544	48.5	11.0	37.0
Leather and leather products	46 976	19 656	5 283	50+	9.9	39.1	27 320	3 426	50+	10.1	41.1
Tanned, curried, and finished leather	10 505	8 462	6 045	50+	9.2	44.5	2 043	4 013	50+	9.7	42.5
Footwear, except rubber	20 470	5 754	4 672	50+	10.2	32.3	14 716	3 398	50+	10.4	40.6
Leather products, except footwear	16 001	5 440	4 864	50+	10.3	38.6	10 561	3 379	50+	9.8	41.3
Nondurable goods—allocated	5 118	3 123	6 076	50+	10.8	38.4	1 995	3 305	50+	10.6	38.9
Not specified manufacturing industries	19 237	12 236	5 944	50+	10.8	34.5	7 001	3 459	48.8	10.6	39.7

Table 1. **Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Male					Female					
	Both sexes	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Operatives, except transport—Continued											
Miscellaneous and not specified operatives—Continued											
Industry—Continued											
Nonmanufacturing industries	402 344	307 939	5 963	50+	11.2	36.1	94 405	2 831	47.7	11.2	39.8
Construction	38 502	37 316	6 262	50+	10.3	37.1	1 186	3 998	50+	9.9	38.5
Railroads and railway express service	13 813	13 420	6 613	50+	9.7	46.8	393	...	...	...	...
Transportation, except railroads	26 564	24 666	7 547	50+	12.2	32.0	1 898	2 540	41.5	11.6	39.2
Communications, and utilities and sanitary services	26 440	24 853	7 325	50+	12.1	39.9	1 587	4 925	50+	12.4	32.7
Wholesale trade	83 518	58 329	5 952	50+	10.5	37.5	25 189	2 738	45.0	10.4	39.9
Retail trade	69 224	46 005	4 489	50+	10.9	29.7	23 219	2 729	48.5	11.0	41.6
Business and repair services	54 600	46 164	5 479	50+	11.3	33.1	8 436	2 926	48.9	11.9	38.4
Public administration	22 855	19 232	7 190	50+	11.8	45.1	3 623	4 888	50+	12.0	40.6
All other industries ¹	66 828	37 954	4 424	50+	11.7	33.9	28 874	2 562	47.7	11.6	38.2
Operatives, except transport—allocated	749 033	431 491	6 153	50+	10.5	37.5	317 542	3 404	50+	9.9	40.3
Transport equipment operatives											
Boatmen and canalmen	3 084 783	2 945 804	6 923	50+	10.9	39.5	138 979	2 481	41.8	12.0	38.9
Bus drivers	5 534	5 098	6 867	50+	10.2	43.2	436	...	...	11.3	44.2
Conductors and motormen, urban rail transit	242 404	173 583	6 717	50+	11.3	46.0	68 821	1 862	35.8	12.1	39.2
Deliverymen and routemen	9 971	9 600	8 780	50+	12.1	43.3	371	...	...	...	...
Fork lift and tow motor operatives	632 595	612 247	6 582	50+	11.9	35.3	20 348	2 844	49.3	12.0	37.0
Motormen; mine, factory, logging camp, etc.	228 426	224 459	6 819	50+	10.6	35.9	3 967	5 534	50+	11.0	34.1
Parking attendants	10 341	10 035	7 748	50+	8.9	45.0	306	...	...	...	...
Railroad brakemen	31 164	30 161	3 388	50.0	11.0	33.1	1 003	2 458	40.6	11.3	37.8
Railroad switchmen	47 428	46 812	9 163	50+	12.1	41.6	616	5 894	50+	11.5	38.5
Taxicab drivers and chauffeurs	53 085	52 098	8 637	50+	12.2	41.9	987	6 609	50+	12.3	38.6
Truck drivers	159 450	149 827	5 172	50+	11.0	45.6	9 623	2 702	45.9	11.7	42.0
Trucking service	1 463 744	1 442 046	7 246	50+	10.5	40.0	21 698	5 261	50+	11.0	38.7
Transport equipment operatives—allocated	549 917	541 666	8 654	50+	10.7	40.4	8 251	6 158	50+	11.7	37.0
200 641	189 838	6 259	50+	10.5	39.2	10 803	2 884	49.0	11.7	38.1	
Laborers, except farm											
Animal caretakers, except farm	3 740 773	3 433 085	4 614	50+	10.4	33.1	307 688	2 927	49.0	11.0	37.9
Carpenters' helpers	48 438	32 604	3 942	50+	11.1	32.1	15 834	2 060	46.7	12.1	31.2
Construction laborers, except carpenters' helpers	51 339	50 155	3 692	44.1	9.8	30.2	1 184	2 746	45.7	10.7	29.6
Fishermen and oystermen	641 868	631 170	5 213	48.7	9.8	37.1	10 698	4 181	46.8	9.8	39.7
Freight and material handlers	30 219	28 970	4 623	47.6	9.5	40.9	1 249	1 842	37.0	10.0	38.7
Garbage collectors	574 240	531 743	5 660	50+	10.9	33.2	42 497	3 708	50+	11.0	37.4
Gardeners and groundskeepers, except farm	74 164	73 146	4 981	50+	9.3	37.6	1 018	4 480	50+	9.6	43.0
Longshorem and stevedores	325 795	316 056	3 792	50+	9.7	42.8	9 739	1 875	42.9	10.4	43.5
Lumbermen, raftsmen, and woodchoppers	50 509	49 643	7 621	50.0	9.9	44.3	866	5 973	49.1	10.7	46.1
Stock handlers	93 107	90 965	3 835	47.1	8.8	37.0	2 142	2 605	48.5	10.0	40.4
Teamsters	625 869	515 954	2 114	45.4	11.3	19.5	109 915	2 755	50.0	11.5	37.7
Vehicle washers and equipment cleaners	7 842	7 544	4 977	49.7	9.2	38.4	298	...	...	...	...
Warehousemen, n.e.c.	128 704	114 763	3 629	49.6	10.4	26.4	13 941	2 801	46.8	10.1	36.4
112 792	108 294	6 420	50+	12.1	36.6	4 498	4 793	50+	11.9	39.1	
Miscellaneous and not specified laborers											
Occupation:											
Miscellaneous laborers	662 649	591 114	4 938	50+	10.1	36.3	71 535	2 942	47.2	10.4	39.5
Not specified laborers	215 797	196 291	5 833	50+	9.7	40.9	19 506	3 066	46.6	10.5	39.6
446 852	394 823	4 464	50+	10.3	33.6	52 029	2 899	47.4	10.4	39.5	
Industry:											
Manufacturing	343 645	300 951	5 501	50+	10.4	34.6	42 694	3 457	48.0	10.5	38.1
Durable goods	227 372	204 628	5 775	50+	10.3	35.5	22 744	3 660	48.6	10.8	37.7
Lumber and wood products, except furniture	23 886	22 122	3 951	50+	9.0	37.7	1 764	2 720	43.6	9.8	40.9
Furniture and fixtures	7 000	5 458	4 031	50+	9.5	33.3	1 542	3 229	43.6	10.2	37.8
Stone, clay, and glass products	22 745	21 418	5 382	50+	10.1	35.6	1 327	4 009	50+	11.0	36.5
Cement, concrete, gypsum, and plaster products	9 144	9 002	5 768	50+	9.9	35.2	1 142	...	...	...	...
Structural clay products	4 373	4 142	4 760	50+	8.9	38.2	231	...	...	...	...
Other stone, clay, and glass products	9 228	8 274	5 341	50+	10.9	34.1	954	3 948	50+	11.2	37.3
Primary metal industries	76 068	74 276	6 671	50+	10.6	38.1	1 792	5 222	50+	10.5	38.1
Blast furnaces, steel works, and rolling and finishing mills	43 739	43 084	7 056	50+	10.9	39.3	655	6 357	50+	10.7	38.8
Other primary iron and steel industries	21 181	20 696	6 089	50+	9.9	37.3	485	5 331	50+	8.9	34.2
Primary nonferrous industries	11 148	10 496	6 256	50+	10.9	34.6	652	4 423	50+	11.6	39.6
Fabricated metal industries, including not specified metal	25 188	20 844	5 176	50+	10.4	32.5	4 344	3 478	47.8	10.1	38.0
Fabricated structural metal products	8 914	8 357	5 166	50+	11.0	31.4	557	3 145	49.9	9.6	35.6
Machinery, except electrical	18 765	17 423	5 918	50+	11.0	33.0	1 342	3 252	46.5	11.4	37.4
Electrical machinery, equipment, and supplies	12 860	8 741	5 294	50+	11.2	30.8	4 119	3 989	50.0	11.8	33.3
Transportation equipment	25 200	23 539	6 317	50+	10.6	32.9	1 661	4 367	49.3	11.3	35.6
Motor vehicles & motor vehicle equipment	12 572	11 779	7 284	50+	10.5	34.6	793	5 427	49.5	12.0	37.7
Ship and boat building and repairing	5 225	4 930	5 329	50+	10.5	32.0	295	...	...	...	...
Other transportation equipment	7 403	6 830	5 583	50+	10.6	30.6	573	3 529	45.5	11.4	36.3
Professional and photographic equipment, and watches	1 712	1 040	5 228	50+	11.3	29.5	672	3 382	50+	11.1	40.0
Ordnance	4 557	2 997	5 720	50+	10.6	35.8	1 560	5 770	50+	11.1	42.1
Miscellaneous manufacturing industries	6 929	4 379	4 098	50+	9.5	33.1	2 550	2 570	44.2	10.6	39.2
Manufacturing, durable goods—allocated	2 462	2 391	4 693	50+	9.3	39.1	71	...	...	...	...

¹Includes transportation, communications, and other public utilities—allocated.

Table 1. Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Male						Female				
	Both sexes	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Laborers, except farm—Continued											
Miscellaneous and not specified laborers—Continued											
Industry—Continued											
Manufacturing—Continued											
Nondurable goods	113 558	94 136	4 926	50+	10.4	32.3	19 422	3 274	47.4	10.1	39.1
Food and kindred products.....	42 734	36 340	4 863	50+	9.9	34.8	6 394	2 873	43.4	9.7	41.3
Meat products.....	11 986	10 098	5 699	50+	10.0	35.3	1 888	3 037	50.0	9.5	40.2
Dairy products.....	3 894	3 630	5 742	50+	10.8	34.3	264	...	...	...	...
Canning and preserving fruits, vegetables, and seafoods.....	9 441	6 853	3 737	48.3	9.4	32.4	2 588	2 485	37.4	9.5	42.5
Grain-mill products.....	4 458	4 220	5 043	50+	10.3	33.6	238	...	...	...	...
Beverage industries.....	4 666	4 347	5 279	50+	10.2	33.1	319	...	...	...	...
Other food and kindred products.....	8 289	7 192	4 466	50+	9.1	38.5	1 097	3 376	46.7	8.9	44.0
Tobacco manufactures.....	1 980	1 415	4 323	50+	8.8	40.7	565	2 489	28.1	8.3	45.7
Textile mill products.....	12 051	9 195	4 021	50+	9.3	33.3	2 856	3 379	50+	9.5	40.3
Yarn, thread, and fabric mills.....	7 931	6 228	4 012	50+	9.1	33.4	1 703	3 325	50+	9.1	40.2
Other textile mill products.....	4 120	2 967	4 043	50+	9.8	32.8	1 153	3 452	50+	10.0	40.4
Apparel and other fabricated textile products.....	3 105	1 410	3 968	45.5	9.9	28.1	1 695	3 120	47.5	10.2	37.9
Paper and allied products.....	14 744	13 320	5 779	50+	11.6	29.2	1 424	3 718	50+	10.3	34.5
Pulp, paper, and paperboard mills.....	9 396	8 896	6 269	50+	12.0	30.0	500	3 472	49.1	10.3	33.2
Other paper and allied products.....	5 348	4 424	4 777	50+	10.8	27.9	924	3 840	50+	10.4	34.9
Printing, publishing, and allied industries.....	4 925	3 854	2 498	46.6	11.2	21.0	1 071	2 204	44.5	12.0	34.0
Chemicals and allied products.....	14 457	13 018	5 656	50+	11.5	31.6	1 439	3 726	49.7	11.4	36.7
Petroleum and coal products.....	3 373	3 293	5 926	50+	12.0	34.4	80	...	...	...	...
Rubber and miscellaneous plastic products.....	9 762	7 613	6 054	50+	11.2	31.9	2 149	4 039	50.0	10.2	38.6
Leather and leather products.....	4 710	3 246	4 449	50+	9.3	35.6	1 464	3 364	50.0	9.8	34.6
Nondurable goods—allocated.....	1 717	1 432	3 407	43.8	8.8	36.0	285	...	...	...	...
Not specified manufacturing industries.....	2 715	2 187	4 051	50+	10.5	35.1	528	3 194	46.0	12.0	27.9
Nonmanufacturing industries	319 004	290 163	4 222	50+	9.8	38.2	28 841	1 985	45.5	10.3	41.9
Railroads and railway express service.....	44 326	43 470	6 088	50+	8.7	48.6	856	4 492	50+	8.7	46.8
Transportation, except railroads.....	16 224	15 085	5 106	50+	10.6	35.7	1 139	2 863	50.0	12.0	39.9
Comm., and utilities and sanitary services.....	41 513	40 675	5 326	50+	9.7	41.5	838	3 596	50+	9.7	43.6
Transportation, communications, and other public utilities—allocated.....	831	782	2 899	50+	8.7	41.0	49	...	...	...	...
Wholesale trade.....	44 503	40 101	3 864	50+	9.9	34.9	4 402	2 227	42.7	9.2	42.4
Retail trade.....	48 801	42 706	2 496	46.8	10.4	24.7	6 095	1 502	42.2	10.7	39.7
Business and repair services.....	22 078	19 863	4 056	49.8	10.6	33.8	2 215	2 600	47.8	9.6	42.5
Personal services.....	25 638	22 192	1 381	35.0	9.2	43.2	3 446	1 294	43.2	9.6	46.0
Private households.....	17 490	15 996	1 022	30.3	8.9	46.3	1 494	888	41.4	8.9	51.0
Public administration.....	19 023	17 746	4 900	50+	9.5	43.8	1 277	2 695	50+	10.6	46.5
All other industries.....	56 067	47 543	3 304	48.3	10.1	33.7	8 524	1 783	45.2	11.1	39.9
Laborers, except farm—allocated	313 238	290 964	4 424	50+	9.7	36.4	22 274	2 142	50.0	10.4	37.5
Farmers and farm managers	1 435 461	1 362 947	4 869	50+	10.8	51.0	72 514	2 235	50+	11.5	50.1
Farmers, owners and tenants.....	1 299 260	1 237 294	4 816	50+	10.7	51.5	61 966	2 173	50+	11.4	51.0
Farm managers.....	60 771	58 272	6 431	50+	12.2	45.4	2 499	2 744	50+	12.2	48.5
Farmers and farm managers—allocated.....	75 430	67 381	4 246	50+	10.2	44.0	8 049	2 429	50+	11.2	41.8
Farm laborers and farm foremen	1 031 422	850 378	2 513	50+	8.9	35.6	181 044	1 023	40.8	9.5	39.4
Farm foremen.....	33 115	30 942	5 754	50+	10.6	45.0	2 173	3 593	50+	12.0	46.6
Farm laborers, wage workers.....	812 767	696 141	2 493	50+	8.7	36.7	116 626	992	30.1	8.9	37.5
Farm laborers, unpaid family workers.....	100 262	58 881	1 100	50+	10.8	20.3	41 381	768	50+	12.0	44.5
Farm service laborers, self-employed.....	3 878	3 294	5 566	50+	11.4	44.6	584	2 679	45.4	11.6	44.9
Farm laborers and farm foremen—allocated.....	81 400	61 120	1 906	50.0	8.8	32.9	20 280	1 395	41.8	8.9	35.5
Service workers, except private household	9 074 154	4 012 814	5 086	50+	11.2	40.2	5 061 340	2 323	47.4	11.5	39.6
Cleaning service workers.....	1 939 551	1 310 884	4 636	50+	9.9	47.3	628 667	2 288	50+	9.6	47.5
Chambermaids and maids, except private household.....	217 743	10 515	3 296	50+	9.9	38.3	207 228	2 048	48.1	9.7	44.9
Cleaners and charwomen.....	458 290	197 447	4 063	50+	9.8	41.7	260 843	2 445	50+	9.4	48.5
Janitors and sextons.....	1 263 518	1 102 922	4 771	50+	9.9	48.2	160 596	2 404	50+	9.8	48.9
Food service workers.....	2 974 238	932 039	2 899	47.1	11.0	27.0	2 042 199	1 808	42.4	11.1	39.2
Bartenders.....	197 676	155 307	5 656	50+	12.0	46.3	42 369	3 008	50+	11.6	41.5
Busboys.....	107 124	92 034	943	25.8	10.8	17.9	15 090	925	29.5	10.9	19.8
Cooks, except private household.....	873 062	327 317	4 076	50+	10.9	31.3	545 745	2 157	45.0	10.5	48.1
Dishwashers.....	185 973	115 763	1 238	30.5	10.5	19.4	70 210	1 235	38.6	10.0	40.2
Food counter and fountain workers.....	156 749	37 547	1 413	35.4	11.1	19.2	119 202	1 382	36.4	11.5	35.1
Waiters.....	1 110 309	120 050	2 894	45.8	11.7	27.7	990 259	1 662	41.9	11.5	31.6
Food service workers, n.e.c., except private household.....	343 345	84 021	1 917	42.7	10.8	21.9	259 324	1 839	41.2	10.9	44.0
Health service workers.....	1 230 454	147 617	4 448	50+	12.2	31.6	1 082 837	3 247	50+	12.2	37.2
Dental assistants.....	93 324	1 996	4 094	50+	12.6	29.4	91 328	3 405	50+	12.5	26.5
Health aides, except nursing.....	124 334	19 897	4 354	50+	12.3	28.0	104 437	3 460	50+	12.3	35.3
Health trainees.....	19 163	1 172	2 413	49.3	12.5	22.9	17 991	871	24.2	13.4	21.8
Lay midwives.....	963	226	...	...	...	...	737	2 626	50+	12.3	43.4
Nursing aides, orderlies, and attendants.....	751 983	115 357	4 401	50+	12.2	31.8	636 626	2 969	50+	11.8	38.1
Practical nurses.....	240 687	8 969	5 745	50+	12.4	38.8	231 718	4 205	50+	12.4	40.6

Table 1. **Summary of Social and Economic Characteristics of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States

	Both sexes	Male				Female					
		Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age	Total	Median earnings (dollars)	Median weeks worked	Median school years completed	Median age
Service workers, except private household—Con.											
Personal service workers	1 209 421	406 220	5 072	50+	11.9	40.3	803 201	2 735	49.2	12.3	36.5
Airline stewardesses	34 794	1 322	8 857	50+	12.5	38.2	33 472	6 123	50+	14.0	24.0
Attendants, recreation and amusement	80 564	60 863	1 923	41.2	12.0	23.9	19 701	979	29.3	12.2	23.4
Attendants, personal service, n.e.c.	64 527	24 184	3 983	50+	11.9	44.8	40 343	2 576	44.3	12.1	43.7
Baggage porters and bellhops	20 277	19 836	3 746	50+	11.7	36.8	441	...	...	11.6	33.3
Barbers	171 004	163 081	5 686	50+	11.4	45.5	7 923	3 382	50+	12.1	41.2
Boarding and lodging house keepers	7 549	1 972	4 256	50+	12.2	58.1	5 577	2 852	50+	11.1	58.9
Bootblacks	4 064	3 728	1 176	48.9	8.2	52.6	336	...	...	...	...
Child care workers, except private household	132 723	9 101	3 936	50+	12.2	38.5	123 622	1 375	42.5	12.0	40.7
Elevator operators	38 653	28 191	5 329	50+	8.9	54.1	10 462	3 071	50+	10.7	46.4
Hairdressers and cosmetologists	492 758	48 907	6 731	50+	12.3	35.3	443 851	3 041	50+	12.3	33.3
Personal service apprentices	1 457	604	2 576	48.9	12.3	23.4	853	946	39.3	11.3	23.0
Housekeepers, except private household	105 834	28 955	5 777	50+	12.6	38.9	76 879	3 142	50+	12.1	49.6
School monitors	27 045	2 423	1 153	34.7	12.9	21.3	24 622	647	29.6	12.4	40.0
Ushers, recreation and amusement	14 615	10 053	895	27.3	11.0	17.9	4 562	781	22.0	11.9	19.0
Welfare service aides	15 014	3 604	5 487	50+	12.7	34.9	11 410	3 192	50.0	12.1	41.9
Protective service workers	972 671	911 723	8 009	50+	12.3	41.5	60 948	2 406	45.2	12.2	42.9
Crossing guards and bridge tenders	43 296	17 626	2 620	46.0	9.1	64.5	25 670	1 494	36.8	12.0	44.1
Firemen, fire protection	180 386	178 115	9 423	50+	12.4	38.4	2 271	7 809	50+	12.4	39.0
Guards and watchmen	331 775	315 299	5 891	50+	11.3	52.0	16 476	3 687	50+	12.1	43.9
Marshals and constables	5 591	5 363	7 130	50+	12.3	47.3	228	...	...	...	...
Policemen and detectives	376 618	362 440	8 989	50+	12.6	35.7	14 178	4 941	50+	12.4	39.8
Public	358 150	347 121	9 051	50+	12.6	35.5	11 029	5 582	50+	12.5	39.1
Private	18 468	15 319	6 989	50+	12.4	42.1	3 149	3 588	49.7	12.3	41.7
Sheriffs and bailiffs	35 005	32 880	7 346	50+	12.4	42.7	2 125	5 328	50+	12.5	43.3
Service workers, except private household—allocated	747 819	304 331	4 633	50+	10.3	36.6	443 488	2 330	49.6	10.8	37.4
Private household workers	1 224 197	37 828	1 712	49.5	9.3	46.6	1 186 369	981	45.9	9.0	49.2
Occupation:											
Child care workers, private household	242 775	4 896	687	19.1	10.6	19.8	237 879	671	26.8	10.7	32.1
Cooks, private household	34 215	1 972	3 552	50+	9.8	54.0	32 243	1 599	50+	8.7	55.2
Housekeepers, private household	105 111	3 471	3 151	50+	9.8	50.1	101 640	1 318	50+	8.9	53.5
Laundresses, private household	11 729	495	2 596	50+	10.0	54.9	11 234	756	50.0	8.7	56.0
Maids and servants, private household	704 349	23 929	1 631	49.6	8.9	48.6	680 420	1 093	47.6	8.8	51.2
Private household workers—allocated	126 018	3 065	4 675	50+	8.3	43.6	122 953	1 279	50.0	7.9	43.0
Living arrangement:											
Living in	75 474	2 719	2 594	50+	10.0	52.8	72 755	1 862	50+	8.9	54.6
Housekeepers, private household	20 742	754	3 297	50+	9.9	57.0	19 988	1 786	50+	9.0	57.0
Maids and servants, private household	42 431	1 423	2 575	50+	10.2	51.4	41 008	1 855	50+	8.7	54.9
Living out	1 148 723	35 109	1 636	49.0	9.3	46.1	1 113 614	948	45.1	9.0	48.8
Unemployed persons, last worked 1959 or earlier	103 340	18 237	-	-	8.8	64.9	85 103	-	-	11.9	50.0

12 Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States	Male							Female								
	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²
Total, 16 years old and over	49 536 472	44 650 188	4 312 449	130 736	151 632	117 247	81 167	1 976 557	30 534 658	26 574 079	3 577 092	79 760	120 347	69 557	55 247	1 096 473
Professionals, technical, and kindred workers	6 992 250	6 635 159	244 065	11 602	32 444	35 173	14 465	143 872	4 674 716	4 219 318	388 960	7 802	18 864	13 934	16 592	84 893
Accountants	536 900	519 911	9 064	398	2 573	2 073	1 763	10 504	183 717	173 071	7 526	945	823	600	3 315	
Architects	54 948	52 212	1 159	22	571	615	203	3 895	2 133	1 812	195	20	44	42	103	
Computer specialists	211 622	202 031	6 334	182	1 064	1 288	139	3 342	51 527	47 655	44	395	414	162	738	
Computer programmers	128 367	122 047	4 146	77	786	812	119	2 428	38 189	35 473	1 986	337	249	80	430	
Computer systems analysts	71 838	69 017	1 966	105	215	357	20	751	11 609	10 663	556	58	148	63	261	
Computer specialists, n.e.c.	11 417	10 967	222	—	63	119	—	162	1 729	1 519	152	—	17	19	47	
Engineers	1 236 160	1 199 811	14 198	1 103	6 494	9 038	2 142	17 237	20 775	19 697	757	63	132	82	35	
Aeronautical and astronautical	70 522	68 431	36	—	511	538	115	970	1 065	1 049	—	—	—	—	16	
Chemical	53 638	52 062	367	87	189	531	121	681	—	—	22	—	—	—	19	
Civil	175 711	168 328	2 381	429	1 295	2 233	391	3 505	—	—	104	—	43	—	65	
Electrical and electronic	285 237	274 909	3 982	219	2 130	2 673	493	3 981	4 948	4 695	148	19	55	22	121	
Industrial	189 234	186 219	1 845	105	426	193	108	2 422	5 826	5 492	299	21	14	—	97	
Mechanical	183 576	178 735	1 888	101	797	930	629	2 299	1 830	1 751	39	—	20	—	—	
Metallurgical and materials	16 157	15 787	139	—	42	61	18	167	1 128	1 088	—	—	—	—	—	
Mining	4 807	4 651	77	—	—	38	—	95	54	54	—	—	—	—	—	
Petroleum	11 414	11 213	91	21	—	48	—	187	102	102	—	—	—	—	—	
Sales	59 283	58 960	70	24	166	63	—	367	435	435	—	—	—	—	—	
Engineers, n.e.c.	186 581	180 516	2 549	81	938	1 730	267	2 623	3 185	3 017	145	—	—	—	15	
Farm management advisors	7 323	6 737	565	21	—	—	—	54	959	897	62	—	—	—	—	
Foresters and conservationists	40 773	39 345	770	577	20	—	—	575	1 660	1 501	139	20	—	—	—	
Home management advisors	155	139	16	—	—	—	—	—	5 502	4 607	864	31	—	—	37	
Lawyers and judges	264 378	259 711	3 309	250	484	327	100	2 412	13 317	12 723	394	60	46	45	20	
Judges	12 281	11 962	279	22	18	98	—	98	662	615	18	—	—	—	—	
Lawyers	252 097	247 749	3 030	228	466	327	100	2 314	12 655	12 108	376	60	46	45	20	
Librarians, archivists, and curators	27 662	25 638	1 536	51	88	234	45	524	102 492	94 187	6 738	147	527	561	183	
Librarians	22 819	21 052	1 298	51	88	215	45	524	100 325	92 102	6 670	147	527	561	183	
Archivists and curators	4 843	4 586	238	—	—	19	—	—	2 167	2 085	68	—	—	—	—	
Mathematical specialists	23 836	22 699	759	20	73	145	57	312	12 876	11 646	885	42	90	154	40	
Actuaries	3 888	3 847	20	—	—	21	—	37	1 536	1 425	33	—	—	—	—	
Mathematicians	6 097	5 606	350	—	50	42	19	63	1 978	1 761	183	—	20	14	—	
Statisticians	13 851	13 246	389	20	23	82	38	212	9 362	8 460	669	42	51	100	40	
Life and physical scientists	181 206	170 704	5 104	294	1 641	2 273	407	3 205	27 651	24 818	1 443	17	229	644	443	
Agricultural	11 773	10 954	504	19	166	107	23	126	1 121	1 104	17	—	—	—	—	
Atmospheric and space	5 379	5 334	28	—	—	17	—	96	602	527	55	—	—	—	—	
Biological	98 470	91 831	3 350	175	915	1 373	274	2 029	10 435	9 422	641	17	145	168	42	
Chemists	20 182	19 949	40	—	38	92	—	—	13 320	11 746	595	—	84	437	417	
Geologists	3 248	3 111	114	23	—	—	—	50	1 556	1 556	—	—	—	—	—	
Marine	3 992	3 171	237	18	203	278	17	350	979	869	91	—	—	—	—	
Physicists and astronomers	1 051	961	49	—	—	24	—	16	277	250	27	—	—	—	—	
Life and physical, n.e.c.	73 381	71 655	932	88	318	138	111	1 002	7 389	6 970	375	—	—	—	—	
Operations and systems researchers and analysts	203 711	193 983	8 145	382	491	340	121	3 645	93 491	85 567	7 023	155	376	83	211	
Personnel and labor relations workers	496 415	472 745	10 084	260	2 956	3 344	4 127	12 647	45 038	39 645	1 765	125	369	610	1 654	
Physicians, dentists, and related practitioners	12 382	12 165	118	63	46	45	—	107	1 077	942	21	—	—	—	—	
Chiropractors	89 974	86 426	2 218	63	674	423	70	2 899	2 802	2 590	166	—	—	—	—	
Dentists	16 840	16 591	127	17	58	64	—	269	710	665	21	—	—	—	—	
Optomertists	97 893	94 344	2 084	60	733	591	15	1 754	13 349	12 123	716	67	141	156	125	
Pharmacists	255 424	239 677	5 258	117	1 426	2 200	4 042	9 408	25 133	21 321	786	58	228	432	1 659	
Podiatrists	5 407	5 174	193	—	19	21	—	23	565	543	22	—	—	—	—	
Veterinarians	18 083	17 956	86	20	—	—	—	92	1 093	1 038	33	—	—	—	—	
Health practitioners, n.e.c.	18 083	17 956	86	20	—	—	—	92	1 093	1 038	33	—	—	—	—	

¹Total includes other races not shown separately.

²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For meaning of symbols, see text¹

	Male							Female								
	Total ¹	White	Negro	American Indian	Japane se	Chinese	Filipino	Persons of Spanish origin ²	Total ¹	White	Negro	American Indian	Japane se	Chinese	Filipino	Persons of Spanish origin ²
United States																
Professional, technical, and kindred workers—																
Continued																
Registered nurses, dietitians, and therapists.....	53 302	45 401	7 145	171	79	156	242	2 357	913 283	824 122	72 960	1 950	3 102	1 413	7 547	17 918
Dietitians.....	3 223	2 339	776	—	20	46	42	99	38 096	29 880	6 961	99	344	143	604	1 138
Registered nurses.....	22 219	18 188	3 601	153	40	42	109	1 120	825 963	748 799	62 799	1 763	2 484	1 200	6 882	15 957
Therapists.....	27 860	24 874	2 748	18	19	68	91	1 138	49 224	45 449	3 200	88	274	70	61	823
Health technologists and technicians.....	79 984	69 529	8 318	327	535	373	492	4 204	185 347	165 682	15 459	155	815	1 094	1 725	4 933
Clinical laboratory technologists and technicians.....	33 848	28 712	4 062	103	223	245	312	1 997	86 107	75 863	7 133	55	419	809	1 542	2 825
Dental hygienists.....	1 201	1 136	47	—	—	18	—	20	16 449	15 995	294	—	88	42	24	142
Health record technologists and technicians.....	692	597	73	—	—	22	—	18	10 392	9 763	474	—	68	—	65	167
Radiologic technologists and technicians.....	16 902	15 128	1 464	114	81	23	45	1 301	36 609	34 211	2 155	20	101	35	63	755
Therapy assistants.....	881	616	187	25	32	—	—	—	2 026	1 771	240	—	15	—	78	—
Health technologists and technicians, n.e.c.....	26 410	23 340	2 485	85	199	87	113	868	33 764	28 079	5 203	80	124	208	31	966
Religious workers.....	232 242	217 291	13 209	634	530	196	87	3 414	26 166	24 568	1 353	75	76	27	—	592
Clergymen.....	216 540	202 169	12 864	554	508	137	63	3 175	6 438	5 442	478	27	37	12	—	93
Religious workers, n.e.c.....	15 722	15 122	2 345	80	22	59	24	239	19 728	19 126	499	48	39	15	—	499
Social scientists.....	90 601	87 417	2 145	142	292	285	98	1 675	20 673	19 135	1 328	—	41	114	55	361
Economists.....	59 604	57 961	1 089	102	147	134	79	1 034	7 930	7 228	484	—	—	20	—	187
Political scientists.....	698	679	—	—	—	—	—	21	247	247	—	—	—	—	—	—
Psychologists.....	18 373	17 583	630	40	59	42	—	404	10 300	9 565	583	—	41	56	55	133
Sociologists.....	9 911	895	16	—	—	—	—	22	453	327	126	—	—	—	—	—
Urban and regional planners.....	8 251	7 697	378	—	67	90	19	133	963	843	100	—	—	20	—	41
Social scientists, n.e.c.....	2 764	2 602	32	—	19	—	—	61	980	927	35	—	—	18	—	—
Social and recreation workers.....	113 747	96 009	15 780	508	611	372	132	5 027	162 263	133 299	26 905	469	676	461	119	4 848
Social.....	82 561	69 562	11 377	423	459	320	129	3 625	139 932	114 659	23 511	457	600	322	73	4 132
Recreation.....	31 186	26 447	4 403	85	152	52	23	1 402	22 331	18 640	3 394	12	76	139	46	716
Teachers, college and university.....	354 671	337 689	8 851	381	1 764	4 077	113	6 023	141 741	131 370	7 731	235	741	1 081	256	2 722
Teachers.....	4 903	4 747	72	—	21	41	—	42	254	219	15	—	20	—	—	—
Agriculture.....	4 238	4 149	—	—	—	—	—	21	544	519	—	—	—	—	—	—
Atmospheric, earth, marine, and space.....	15 962	15 317	372	—	154	99	20	214	4 436	4 036	106	30	106	73	65	—
Biology.....	13 600	12 879	236	21	49	262	—	194	1 782	1 654	54	—	—	74	—	—
Chemistry.....	13 597	12 851	146	—	122	389	—	306	615	615	—	—	—	—	—	—
Physics.....	16 141	15 073	162	45	140	545	19	223	1 033	957	76	—	—	—	—	—
Engineering.....	20 964	19 767	583	19	119	318	31	325	4 677	4 277	244	44	24	88	—	34
Mathematics.....	14 817	14 118	263	63	43	181	20	205	13 361	12 154	948	21	85	121	—	221
Health specialties.....	9 074	8 813	184	—	—	54	23	17	3 854	3 579	129	—	39	24	42	—
Psychology.....	9 489	9 324	126	—	—	39	—	130	4 426	3 913	493	—	20	—	—	44
Business and commerce.....	9 304	8 983	113	—	—	103	—	81	879	824	15	—	—	—	19	—
Economics.....	14 032	13 397	388	—	58	116	—	202	3 060	2 846	115	—	20	56	—	33
History.....	5 214	4 847	213	—	111	24	—	100	1 704	1 530	132	—	—	19	—	—
Sociology.....	10 069	9 646	186	66	25	38	—	91	2 663	2 425	201	20	—	17	—	—
Social science teachers, n.e.c.....	19 992	19 140	735	—	37	62	—	188	10 642	10 219	320	—	—	—	—	—
Art, drama, and music.....	12 600	11 995	549	—	17	19	—	116	4 423	4 285	99	20	19	—	40	65
Coaches and physical education.....	5 343	5 168	153	—	—	—	—	69	2 209	2 036	173	—	—	—	—	72
Education.....	22 928	22 405	344	37	—	96	—	273	16 484	15 518	766	21	37	102	—	25
English.....	11 310	10 688	229	20	138	150	—	1 253	9 946	9 517	117	19	106	104	—	206
Foreign language.....	3 329	2 990	16	—	—	23	—	—	3 956	3 623	259	20	45	9	—	1 023
Home economics.....	2 808	2 726	62	—	—	20	—	28	1 197	1 197	—	—	—	—	—	80
Law.....	4 308	4 219	70	—	—	19	—	78	881	881	—	—	—	—	—	—
Theology.....	2 744	2 475	269	—	—	—	—	21	689	647	42	—	—	—	—	—
Trade, industrial, and technical.....	14 096	13 728	155	—	44	101	—	317	5 297	5 049	129	—	34	63	22	80
Miscellaneous teachers, college and university.....	96 809	90 964	3 225	110	645	1 311	—	1 528	43 729	39 850	3 298	40	103	285	68	740
Teachers, college and university, subject not specified.....																

¹Total includes other races not shown separately.

²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

4 Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

1 Data based on 5-percent sample, see text. For meaning of symbols, see text.

	Male										Female														
	Total ¹										Total ¹														
	White	Negro	American Indian	Japanease	Chinese	Filipino	Persons of Spanish origin ²	White	Negro	American Indian	Japanease	Chinese	Filipino	Persons of Spanish origin ²	White	Negro	American Indian	Japanease	Chinese	Filipino	Persons of Spanish origin ²				
United States	819 243	50 548	1 469	2 092	1 253	421	15 181	1 772 042	177 240	2 534	7 309	3 420	1 862	28 769	1 966 540	177 240	2 534	7 309	3 420	1 862	28 769				
Professional, technical, and kindred workers—																									
Continued																									
Teachers, except college and university	27 535	1 393	44	91	111	—	5 067	21 242	2 342	135	123	140	39	24 100	2 342	135	123	140	39	24 100					
Adult education	232 849	19 389	535	663	198	66	5 067	1 086 957	117 262	1 572	4 911	1 923	1 127	1 214 743	117 262	1 572	4 911	1 923	1 127	1 214 743					
Elementary school	195 846	17 628	462	541	139	43	4 283	882 973	104 690	1 381	4 547	1 622	826	996 759	104 690	1 381	4 547	1 622	826	996 759					
Public	37 003	34 953	73	122	59	23	784	203 984	12 572	191	364	301	301	217 984	12 572	191	364	301	301	217 984					
Private	1 236	1 850	67	—	—	—	109	109 601	14 852	271	422	379	131	125 884	14 852	271	422	379	131	125 884					
Prekindergarten and kindergarten	1 104	906	38	—	—	—	38	46 384	9 064	232	267	211	40	56 335	9 064	232	267	211	40	56 335					
Public	510 768	944	29	—	—	—	71	63 217	5 788	39	155	168	40	69 549	5 788	39	155	168	40	69 549					
Private	435 605	479 846	781	1 187	824	292	8 247	450 286	38 853	471	1 416	706	239	408 310	38 853	471	1 416	706	239	408 310					
Teachers, except college and university, n.e.c.	45 751	408 046	717	1 031	681	245	6 780	370 528	34 593	453	1 316	607	114	84 512	34 593	453	1 316	607	114	84 512					
Engineering and science technicians	750 138	23 033	1 831	4 113	3 254	2 135	21 343	86 241	5 026	129	339	480	387	92 885	5 026	129	339	480	387	92 885					
Agriculture and biological, except health	22 493	1 073	42	166	65	190	21 633	10 095	742	61	117	44	19	10 960	742	61	117	44	19	10 960					
Chemical	51 553	48 558	71	286	244	49	1 219	7 853	8 882	8	38	84	80	23 428	8 882	8	38	84	80	23 428					
Draftsmen	276 182	263 269	669	1 727	1 501	1 168	9 311	23 403	641	47	78	170	49	24 428	641	47	78	170	49	24 428					
Electrical and electronic engineering	154 746	146 894	4 781	1 170	839	301	5 079	8 893	706	24	49	—	—	9 479	706	24	49	—	—	9 479					
Industrial engineering	19 193	18 620	22	52	21	23	377	2 617	157	—	—	—	—	2 812	157	—	—	—	—	2 812					
Mechanical engineering	13 461	12 895	19	23	17	18	155	421	16	—	—	—	—	437	16	—	—	—	—	437					
Mathematical	702	664	17	21	—	—	32	36	—	—	—	—	—	36	—	—	—	—	—	36					
Surveyors	58 714	56 796	1 013	245	66	42	1 594	1 964	67	—	19	20	—	2 070	67	—	19	20	—	2 070					
Engineering and science, n.e.c.	153 094	145 264	228	423	501	344	3 903	30 959	2 115	21	38	162	220	33 581	2 115	21	38	162	220	33 581					
Technicians, except health, and engineering and science	143 587	3 312	288	402	185	105	2 799	16 158	1 326	64	159	36	—	17 784	1 326	64	159	36	—	17 784					
Airplane pilots	53 312	77	21	19	—	—	545	530	—	—	—	—	—	530	—	—	—	—	—	—					
Air traffic controllers	24 429	748	—	107	84	43	442	1 042	108	—	54	—	—	1 226	108	—	54	—	—	1 226					
Embalmers	4 798	4 436	—	44	—	—	53	136	64	—	—	—	—	200	64	—	—	—	—	200					
Flight engineers	6 708	6 582	—	20	—	—	91	124	—	—	—	—	—	124	—	—	—	—	—	124					
Radio operators	21 185	20 317	117	55	40	—	543	7 222	368	64	19	—	—	7 673	368	64	19	—	—	7 673					
Tool programmers, numerical control	2 507	2 385	—	23	—	—	38	513	25	—	—	—	—	538	25	—	—	—	—	538					
Technicians, n.e.c.	30 648	28 805	150	134	61	62	1 087	6 591	761	—	86	36	—	7 493	761	—	86	36	—	7 493					
Vocational and educational counselors	59 827	54 562	401	260	21	20	1 415	42 215	5 623	170	143	116	39	48 384	5 623	170	143	116	39	48 384					
Writers, artists, and entertainers	554 123	526 845	944	2 817	2 129	656	15 668	232 675	7 231	490	1 118	672	291	243 451	7 231	490	1 118	672	291	243 451					
Actors	8 213	7 530	21	—	40	—	303	5 581	247	—	—	—	—	5 927	247	—	—	—	—	5 927					
Athletes and kindred workers	37 998	35 376	51	264	80	—	1 111	14 603	244	20	38	19	—	14 987	244	20	38	19	—	14 987					
Auditors	18 049	17 745	—	20	—	—	253	7 735	159	—	—	—	—	7 935	159	—	—	—	—	7 935					
Dancers	1 271	1 099	—	17	—	—	157	4 859	507	—	—	—	—	5 653	507	—	—	—	—	5 653					
Designers	85 243	82 159	127	690	513	147	2 272	25 639	726	53	280	257	13	27 082	726	53	280	257	13	27 082					
Editors and reporters	91 501	88 897	40	378	208	201	1 382	59 140	1 850	79	152	125	67	61 483	1 850	79	152	125	67	61 483					
Musicians and composers	63 677	57 716	124	146	110	43	2 946	31 306	1 309	—	74	—	—	32 660	1 309	—	74	—	—	32 660					
Painters and sculptors	67 917	64 832	231	485	407	164	2 152	38 551	488	92	252	68	—	39 559	488	92	252	68	—	39 559					
Photographers	56 526	53 886	119	358	282	37	1 897	9 434	256	18	65	20	—	9 620	256	18	65	20	—	9 620					
Public relations men and publicity writers	55 698	53 644	102	179	108	22	1 012	19 145	785	40	20	66	38	20 154	785	40	20	66	38	20 154					
Radio and television announcers	20 873	20 184	24	20	—	—	309	1 362	21	—	—	—	—	1 423	21	—	—	—	—	1 423					
Writers, artists, and entertainers, n.e.c.	47 137	43 777	105	280	293	41	1 874	15 681	637	176	94	75	36	16 954	637	176	94	75	36	16 954					
Research workers, not specified	88 583	82 907	99	847	1 986	179	1 534	27 416	1 304	21	279	766	185	30 089	1 304	21	279	766	185	30 089					
Professional, technical, and kindred workers—																									
allocated	293 762	264 522	24 795	1 329	1 030	550	6 878	219 599	34 514	531	937	750	520	257 583	34 514	531	937	750	520	257 583					

¹Total includes other races not shown separately.

²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	Male										Female									
	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin?	Total ¹		White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin?			
									1	2										
Managers and administrators, except farm	5 394 585	5 227 635	121 949	6 147	17 711	13 358	2 288	102 114	1 083 601	1 023 190	48 007	1 972	4 678	2 886	858	22 178				
Assessors, controllers, and treasurers; local public administration	17 500	17 169	249	—	82	—	—	245	10 976	10 820	112	—	24	—	—	99				
Bank officers and financial managers	260 360	254 955	3 083	218	1 257	375	202	4 555	55 306	53 035	1 459	35	334	239	96	1 196				
Buyers and shippers, farm products	20 461	20 188	162	—	92	—	19	312	440	400	40	—	—	—	—	—				
Buyers, wholesale and retail trade	127 258	124 235	1 724	91	716	303	43	2 249	53 459	51 637	1 352	48	222	200	—	1 050				
Credit men	45 358	44 852	57	57	41	21	32	1 079	17 472	17 029	383	20	—	—	—	440				
Funeral directors	33 468	30 664	2 732	22	50	—	—	372	2 460	2 044	416	—	—	—	—	51				
Health administrators	47 086	44 753	1 888	175	187	18	—	547	38 166	35 631	2 131	73	162	60	44	598				
Construction inspectors; public administration	18 898	18 411	318	47	77	23	—	357	185	185	—	—	—	—	—	—				
Inspectors, except construction; public administration	77 224	72 332	3 944	212	344	114	149	1 925	5 828	4 766	1 000	40	—	22	—	203				
Federal public administration and postal service	48 140	44 594	2 817	164	262	114	103	1 442	3 966	3 253	691	—	—	22	—	183				
State public administration	19 436	18 892	385	48	41	—	46	1 179	1 047	914	93	40	—	—	—	20				
Local public administration	9 648	8 846	742	—	41	—	—	304	815	599	216	—	—	—	—	—				
Managers and superintendents, building	51 164	47 741	2 858	25	225	200	52	2 118	35 223	33 389	1 398	51	202	119	24	691				
Office managers, n.e.c.	130 695	128 497	1 133	128	616	114	60	2 161	88 451	86 929	1 105	92	226	41	—	1 424				
Officers, pilots, and purser; ship	25 379	24 942	253	123	—	—	—	398	504	480	24	—	—	—	—	10				
Officials and administrators; public administration, n.e.c.	196 471	186 009	7 766	879	819	397	203	3 656	45 417	40 781	3 912	170	265	66	59	1 296				
Federal public administration and postal service	98 467	92 856	4 057	354	413	336	203	1 961	20 033	17 279	2 237	101	193	45	59	646				
State public administration	41 240	39 294	1 375	113	283	43	707	1 707	6 087	5 511	480	—	52	21	—	96				
Local public administration	56 764	53 859	2 334	412	123	18	—	988	19 297	17 991	1 195	69	20	—	—	554				
Officials of lodges, societies, and unions	40 618	37 922	2 391	47	57	20	18	891	8 052	7 538	414	19	18	23	40	205				
Postmasters and mail superintendents	24 027	23 717	186	42	59	23	—	330	10 630	10 445	76	49	20	—	—	109				
Purchasing agents and buyers, n.e.c.	142 549	139 604	1 898	172	575	68	74	2 011	22 654	21 386	1 155	—	63	16	34	296				
Railroad conductors	41 072	39 848	1 113	83	—	—	28	340	431	350	81	—	—	—	—	—				
Restaurant, cafeteria, and bar managers	218 053	206 082	7 305	184	692	3 276	198	7 214	112 126	102 420	7 887	187	725	546	132	2 605				
Sales managers and department heads, retail trade	162 772	158 522	2 932	190	548	352	8	4 004	52 477	50 627	1 466	125	208	—	—	1 265				
Sales managers, except retail trade	247 958	245 583	1 394	39	709	136	36	2 624	8 984	8 642	285	19	38	—	—	78				
School administrators, college	29 887	28 275	1 295	82	53	49	68	226	8 904	8 280	520	19	51	13	—	—				
School administrators, elementary and secondary	126 351	118 444	7 408	82	219	101	—	1 443	46 500	41 488	4 641	121	143	20	48	568				
Managers and administrators, n.e.c., salaried	2 342 064	2 287 235	39 922	2 024	6 798	3 350	655	40 492	272 039	259 120	9 855	438	1 136	596	202	5 787				
Construction	240 339	234 785	4 198	300	641	181	37	3 649	4 451	4 345	49	14	—	—	—	98				
Durable goods manufacturing	365 504	361 564	2 679	243	552	228	101	4 071	13 108	12 720	271	—	78	—	—	157				
Nondurable goods, including not specified manufacturing	257 171	253 287	2 536	87	653	391	88	3 391	16 891	16 396	342	—	74	79	—	388				
Transportation	117 141	114 340	1 786	112	377	267	38	2 121	15 490	14 966	156	19	134	66	41	376				
Communications, and utilities and sanitary services	91 135	89 688	977	136	165	22	—	1 061	10 943	10 584	342	17	—	—	—	197				
Wholesale trade	215 986	211 077	2 288	161	1 711	333	90	4 301	10 492	10 210	161	—	61	—	—	232				
Retail trade	576 536	560 875	12 011	626	1 397	1 051	141	13 360	88 326	84 543	2 747	121	385	293	41	1 829				
Hardware, farm equipment, and building material retailing	47 755	47 326	411	—	—	—	18	554	1 987	1 867	42	—	55	—	—	84				
General merchandise stores	75 671	73 328	1 884	40	184	116	—	1 317	23 055	22 352	545	—	57	52	—	465				
Food stores	123 079	118 538	3 570	61	261	571	18	4 118	17 335	15 855	1 181	27	99	132	—	286				
Motor vehicles and accessories retailing	96 774	95 601	734	103	233	—	37	1 596	2 591	2 571	—	—	—	—	—	25				
Gasoline service stations	64 528	61 808	2 136	184	195	63	39	2 289	2 031	1 926	36	—	25	—	—	25				
Apparel and accessories stores	38 658	37 708	760	61	40	89	—	990	18 658	18 137	403	56	21	—	—	365				

¹Total includes other races not shown separately. ²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For meaning of symbols, see text

	Male						Female					
	Total ¹						Total ¹					
	White	Negro	American Indian	Japanese	Chinese	Persons of Spanish origin ²	White	Negro	American Indian	Japanese	Chinese	Persons of Spanish origin ²
United States	36 403	575	36	96	19	773	3 433	63	—	44	109	143
Managers and administrators, except farm—	93 668	1 941	141	388	193	1 723	19 236	477	38	84	84	441
Continued	132 300	2 718	85	270	200	2 194	22 527	548	25	54	22	493
Retail trade—Continued	112 092	1 993	86	370	202	1 764	14 564	549	24	117	36	347
Furniture, home furnishings, and equipment stores	61 495	1 996	59	140	320	1 747	31 856	1 300	130	109	20	1 095
Other retail trade	172 365	165 298	129	522	155	2 834	43 391	39 417	88	124	102	1 575
Finance, insurance, and real estate	772 212	744 571	782	2 905	4 061	16 961	142 507	4 437	331	745	847	3 127
Business and repair services	140 640	135 861	81	389	44	3 056	2 003	56	—	—	—	19
Personal services	36 618	35 711	67	35	41	790	2 181	44	48	35	—	23
All other industries ³	24 814	24 406	—	86	88	479	4 086	45	25	60	42	164
Managers and administrators, n.e.c., self-employed	18 563	17 448	20	68	—	554	2 173	19	—	—	—	61
Construction	2 031	1 923	20	321	277	41	169	148	—	—	—	—
Durable goods manufacturing	52 585	50 821	59	321	277	1 168	4 134	94	19	58	28	70
Nondurable goods, including not specified manufacturing	349 368	337 274	263	1 502	2 183	8 156	86 916	3 057	173	428	434	2 177
Transportation	27 055	26 889	—	—	38	350	2 278	—	—	—	—	—
Communications, and utilities and sanitary services	16 096	15 803	—	16	—	276	8 027	126	—	—	—	146
Wholesale trade	85 244	79 055	68	371	1 827	3 536	31 845	2 090	—	144	317	1 055
Retail trade—	23 847	23 624	148	—	—	387	1 106	—	—	—	—	16
Hardware, farm equipment, and building material retailing	97 547	94 927	19	441	81	2 157	3 463	125	—	—	—	46
General merchandise stores	14 581	14 217	26	84	22	290	9 810	116	20	54	—	274
Food stores	23 613	23 186	—	46	82	389	3 983	45	—	14	—	131
Motor vehicles and accessories retailing	61 385	59 573	91	544	133	771	26 404	555	153	216	117	509
Gasoline service stations	20 478	20 178	25	20	57	107	2 425	24	19	—	—	35
Apparel and accessories stores	46 153	44 369	90	86	105	981	5 616	181	—	21	19	174
Furniture, home furnishings, and equipment stores	47 770	44 771	137	176	1 222	902	25 489	707	47	129	324	283
Other retail trade	33 192	31 809	20	222	44	727	7 259	210	—	14	—	121
Finance, insurance, and real estate	195 700	183 084	443	590	357	5 604	44 410	3 858	115	96	78	1 080
Business and repair services	3 363 507	3 257 934	3 078	8 413	4 914	78 171	2 249 259	93 204	3 339	8 086	3 258	58 696
Personal services	53 053	52 165	22	83	62	539	13 850	288	18	21	19	230
All other industries ³	5 001	5 001	—	—	—	42	277	21	—	—	—	—
Managers and administrators, except farm—	3 776	3 622	38	20	—	127	37 248	839	116	62	—	1 087
allocated	26 303	25 268	37	—	34	1 002	98 198	1 802	177	150	16	2 228
Sales workers	405 502	393 374	353	807	548	7 262	58 518	4 091	106	131	98	879
Advertising agents and salesmen	57 452	55 034	65	104	191	1 183	11 031	227	21	21	—	203
Auctioneers	179 127	174 943	62	547	236	2 613	86 147	1 548	76	126	56	764
Demonstrators	90 964	89 221	62	279	306	910	8 713	359	20	44	20	88
Hucksters and peddlers	2 369 269	2 299 103	2 079	6 164	3 237	60 086	1 764 391	70 157	2 556	7 103	2 868	48 976
Insurance agents, brokers, and underwriters	383 958	378 405	207	592	143	6 093	37 171	941	18	246	82	1 194
Newsboys	602 925	591 838	499	1 894	611	10 350	42 858	2 479	98	280	92	45
Real estate agents and brokers	822 662	782 984	888	2 606	2 135	30 237	1 540 839	61 447	2 109	6 055	2 494	1 290
Stock and bond salesmen	164 105	154 780	266	451	275	93	694 029	33 574	942	2 203	1 102	635
Salesmen and sales clerks, n.e.c.	125 077	117 492	159	623	1 116	6 470	172 231	5 540	234	964	470	20 522
Sales representatives, manufacturing industries												4 427
Sales representatives, wholesale trade												160
Sales clerks, retail trade												160
General merchandise stores												160
Food stores												160

¹Total includes other races not shown separately. ²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories. ³Includes transportation, communications, and other public utilities—allocated.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For meaning of symbols, see text¹

United States	Male						Female									
	Total ¹	White	Negro	American Indian	Japane se	Chinese	Filipino	Persons of Spanish origin ²	Total ¹	White	Negro	American Indian	Japane se	Chinese	Filipino	Persons of Spanish origin ²
Sales workers—Continued																
Salesmen and sales clerks, n.e.c.—Continued	131 992	124 607	6 675	59	230	128	84	6 032	285 925	273 766	10 482	316	658	176	173	8 919
Sales clerks, retail trade—Continued	401 488	386 105	12 421	404	1 302	616	187	11 465	388 674	372 427	11 851	617	2 230	746	322	8 706
Apparel and accessories stores	406 207	396 480	7 977	308	639	262	223	10 322	60 457	58 275	1 768	145	180	—	35	1 393
Other sales clerks, retail trade	210 283	205 879	3 473	182	342	111	144	5 338	5 215	5 040	155	—	20	—	—	242
Motor vehicles and accessories dealers	153 517	149 396	3 142	177	433	86	107	3 084	83 046	78 624	3 522	186	342	200	36	2 199
Salesmen of services and construction	173 060	160 203	11 452	360	409	300	128	4 407	170 886	155 401	13 961	267	452	179	222	4 241
Clerical and kindred workers	3 736 863	3 346 367	345 473	7 116	13 532	10 096	7 177	146 493	10 515 431	9 667 241	732 310	20 267	41 353	21 263	16 407	304 044
Bank tellers	35 294	32 062	2 792	—	139	139	98	1 530	220 255	210 185	7 940	196	825	600	285	5 885
Billing clerks	19 394	18 074	1 050	31	139	141	35	661	87 377	82 601	3 941	37	388	165	64	2 276
Bookkeepers	284 197	268 581	11 661	380	1 172	772	917	11 531	1 307 251	1 260 193	34 832	1 532	5 042	2 211	2 029	28 549
Cashiers	138 189	126 240	9 231	207	660	1 412	71	7 309	732 059	674 910	48 492	1 012	3 091	2 555	639	24 935
Clerical assistants, social welfare	63 933	59 235	3 953	189	225	139	109	1 285	48 327	43 672	3 893	121	371	41	146	1 226
Clerical supervisors, n.e.c.	33 508	31 855	1 513	47	27	—	66	988	19 161	17 637	1 583	—	77	—	37	780
Collectors, bill and account	76 062	70 715	4 429	89	370	288	81	2 699	157 916	145 244	11 126	114	624	253	120	4 531
Counter clerks, except food	50 057	47 582	2 104	58	136	40	51	1 116	11 517	10 236	1 195	—	44	—	22	281
Dispatchers and starters, vehicle	14 389	12 661	1 445	64	102	22	22	652	56 872	52 317	4 173	168	134	19	36	1 215
Enumerators and interviewers	165 760	160 952	3 634	182	428	182	106	3 409	103 462	94 908	7 465	140	214	274	113	2 583
Estimators and investigators, n.e.c.	160 750	153 700	5 758	261	319	240	290	4 169	46 360	42 421	3 364	122	200	83	109	1 461
Expeditors and production controllers	68 605	56 876	10 330	169	282	521	236	3 925	314 201	267 236	42 679	483	591	552	1 666	13 709
File clerks	72 210	70 589	1 288	98	95	119	21	940	24 976	22 478	2 108	—	88	15	205	602
Insurance adjusters, examiners, and investigators	27 081	23 948	2 586	22	178	252	22	910	100 926	91 717	7 563	266	624	529	70	1 835
Library attendants and assistants	236 624	207 986	26 839	191	763	517	83	6 771	20 284	16 904	3 178	84	66	32	—	428
Mail carriers, post office	73 155	60 534	11 699	175	231	177	142	3 678	56 625	49 802	6 108	199	172	97	185	1 691
Mail handlers, except post office	46 823	39 032	7 451	96	80	32	90	2 783	12 358	10 326	1 748	—	74	65	60	542
Messengers, including telegraph, and office boys	32 793	30 208	2 431	48	44	19	19	1 364	992	919	—	—	—	—	—	37
Meter readers, utilities	152 114	135 789	13 433	316	1 014	649	615	8 031	428 933	375 985	46 086	1 019	1 822	1 674	1 308	18 584
Office machine operators	6 925	5 986	640	21	132	55	91	335	59 863	55 192	3 922	119	210	118	166	2 123
Bookkeeping and billing machine	3 422	2 825	450	18	47	39	61	295	33 985	31 590	1 966	63	111	134	60	998
Calculating machine	86 168	78 768	5 844	180	612	312	237	4 154	35 813	32 091	3 214	43	170	127	109	1 014
Computer and peripheral equipment	8 961	7 669	1 176	22	25	102	190	1 554	11 792	10 552	1 158	—	62	20	—	476
Duplicating machine	30 199	26 279	3 431	20	177	100	100	1 458	257 222	220 062	32 509	731	1 164	1 254	843	12 819
Keypunch	4 355	3 753	429	73	—	—	—	363	4 798	3 946	653	24	36	21	—	218
Tabulating machine	12 084	10 509	1 463	—	21	41	15	872	25 460	22 552	2 664	39	69	40	90	936
Office machine, n.e.c.	49 696	46 974	2 389	39	84	22	98	1 167	111 088	104 933	5 346	41	341	131	207	2 699
Payroll and timekeeping clerks	208 525	167 126	38 393	293	1 081	725	558	7 601	91 258	61 162	28 920	287	58	302	323	2 373
Postal clerks	7 777	7 181	489	23	20	23	41	144	22 025	20 696	1 165	44	53	—	39	372
Proofreaders	21 845	21 479	224	24	81	18	26	226	969	899	44	—	—	—	—	—
Real estate appraisers	17 070	15 097	1 869	76	107	22	82	734	302 354	284 359	15 342	420	993	432	366	9 079
Receptionists	63 295	59 343	3 393	76	107	173	54	1 584	2 707 131	2 595 204	90 765	4 175	8 784	2 968	2 802	64 581
Secretaries	1 331	1 306	25	—	—	—	—	95	86 369	83 873	1 534	213	498	126	—	2 002
Secretaries, legal	804	697	90	—	17	—	—	—	69 925	66 475	2 920	131	297	44	23	1 480
Secretaries, medical	367 431	313 675	50 156	1 000	887	516	398	23 744	62 317	54 126	7 608	113	196	66	45	3 263
Shipping and receiving clerks	88 706	82 541	5 169	149	224	254	265	2 992	162 612	147 523	13 302	328	502	450	296	4 122
Statistical clerks	8 606	8 382	134	—	22	21	26	172	122 952	114 841	5 833	280	316	247	255	3 049
Stenographers	365 859	320 345	40 674	997	1 604	633	967	15 741	108 740	93 788	13 270	308	652	294	240	3 840
Stock clerks and storekeepers	14 082	10 618	2 593	455	114	186	—	851	120 938	92 648	25 245	1 840	491	110	126	8 567
Teacher aides, except school monitors	9 516	9 207	242	63	—	—	—	156	3 845	3 443	380	—	—	—	—	124
Telephone operators	23 729	21 615	1 922	62	483	69	640	640	405 078	358 839	43 988	666	416	327	277	10 462
Ticket, station, and express agents	63 799	58 823	3 849	63	433	130	249	2 491	37 036	33 952	2 320	42	330	164	57	1 029

¹Total includes other races not shown separately.

²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	Male							Female							Persons of Spanish origin ²	
	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²	Total ¹	White	Negro	American Indian	Japanese	Chinese		Filipino
Clerical and kindred workers—Continued																
Typists	59 468	51 642	6 788	198	226	206	182	3 486	961 857	855 211	92 017	2 360	5 300	3 073	2 120	36 227
Weighers	28 674	25 119	3 332	41	86	19	77	1 062	12 569	10 778	1 615	82	—	21	—	820
Miscellaneous and not specified clerical workers	373 773	346 147	23 447	630	1 521	933	551	12 922	962 335	878 538	70 917	2 485	4 540	2 280	1 755	25 875
Occupations:																
Miscellaneous clerical workers	170 658	158 989	10 023	352	544	361	219	4 993	314 063	282 641	27 442	874	1 055	809	464	9 368
Not specified clerical workers	203 115	187 158	13 424	278	977	592	332	7 929	648 272	595 897	43 475	1 611	3 485	1 471	1 291	16 507
Industry:																
Manufacturing	89 847	85 978	3 305	123	174	97	79	2 626	134 788	128 618	4 999	343	396	174	146	2 929
Transportation, communications, and other public utilities	61 132	57 944	2 506	21	387	132	79	1 664	106 716	98 810	6 854	48	499	133	140	2 859
Wholesale and retail trade	63 628	59 600	3 507	70	203	65	101	2 340	197 268	185 293	9 856	432	745	498	230	5 348
Finance, insurance, and real estate	40 004	36 131	3 488	19	74	184	65	2 192	148 910	137 224	9 587	162	541	512	585	4 625
Professional and related services	36 840	32 200	3 893	86	191	308	66	1 775	167 092	145 381	18 805	486	1 087	576	314	5 142
Public administration	47 342	41 876	4 741	200	280	127	96	1 700	118 654	100 931	15 582	694	857	246	65	2 922
All other industries	34 980	32 418	2 007	111	212	40	65	1 225	88 907	82 281	5 234	320	415	141	275	2 050
Clerical and kindred workers—allocated	213 733	174 129	36 763	465	665	534	450	7 009	569 505	485 812	76 741	1 241	1 934	1 233	905	16 352
Craftsmen and kindred workers	10 558 346	9 798 479	664 519	28 835	29 515	9 151	10 910	401 440	547 761	489 040	52 564	1 435	1 834	1 102	665	24 198
Automobile accessories installers	6 765	5 851	782	41	91	298	221	427	361	298	63	—	74	85	—	39
Bakers	79 421	68 796	9 502	78	226	82	70	6 894	33 228	28 552	4 282	130	20	21	—	1 367
Cabinetmakers	65 889	61 558	3 665	125	341	226	17	4 212	3 589	3 363	185	20	21	—	—	287
Carpet installers	46 460	43 199	2 934	77	163	170	17	2 885	773	750	23	—	—	—	—	21
Construction craftsmen	2 988 661	2 745 926	212 004	11 708	8 956	1 770	3 395	118 567	51 375	45 643	5 281	171	134	19	30	2 398
Brickmasons and stonemasons	179 257	148 711	28 906	710	549	—	193	7 030	2 313	1 870	443	—	—	—	—	158
Brickmasons and stonemasons, apprentices	3 980	3 507	473	—	—	—	—	117	168	168	—	—	—	—	—	—
Bulldozer operators	96 618	85 017	10 383	717	128	—	261	4 107	1 364	1 030	314	20	18	19	15	58
Carpenters	916 005	855 673	49 551	3 839	3 949	569	1 180	33 952	12 118	11 014	986	—	—	—	—	572
Carpet fitters	9 047	8 047	701	—	—	—	—	360	172	172	—	—	—	—	—	—
Cement and concrete finishers	77 184	53 060	23 393	318	84	20	19	7 695	1 236	661	575	—	—	—	—	126
Electricians	486 854	468 320	14 860	897	1 179	580	424	13 901	8 985	8 087	850	17	—	—	—	288
Electrician apprentices	21 996	21 203	692	—	81	—	20	876	229	229	—	—	—	—	—	—
Excavating, grading, and road machine operators; except bulldozer	248 995	232 091	14 453	1 280	207	62	123	9 030	2 718	2 388	277	24	16	—	—	90
Floor layers, except tile setters	22 430	20 998	1 391	41	—	—	—	1 067	408	36	36	—	—	—	—	20
Painters, construction and maintenance	348 214	312 612	31 408	1 615	1 422	175	385	20 022	13 987	12 940	939	52	56	—	—	759
Painter apprentices	1 744	1 589	155	—	—	—	—	71	16	16	—	—	—	—	—	—
Paperhangers	9 693	9 269	357	20	—	—	—	210	1 084	1 084	—	—	—	—	—	18
Plasterers	30 927	24 527	6 004	95	111	24	44	2 111	509	388	121	—	—	—	—	83
Plasterer apprentices	622	506	93	—	—	—	—	23	60	60	—	—	—	—	—	—
Plumbers and pipe fitters	397 030	374 375	19 137	1 040	1 059	277	545	11 958	4 142	3 702	362	19	44	—	15	113
Plumber and pipe fitter apprentices	15 277	14 608	425	47	140	20	136	504	994	711	257	26	—	—	—	79
Roofers and slaters	63 640	55 600	7 286	394	19	20	60	3 389	38	38	—	—	—	—	—	—
Structural metal craftsmen	78 548	75 622	1 832	699	209	21	60	2 134	1 040	1 022	38	—	—	—	—	—
Tile setters	33 266	30 051	3 043	43	40	—	—	1 961	457	374	83	—	—	—	—	34
Cranemen, derrickmen, and hoistmen	158 669	137 117	20 231	323	215	82	196	5 820	2 151	1 632	519	—	—	—	—	36
Decorators and window dressers	30 717	28 881	1 662	19	56	16	16	1 195	43 287	40 734	2 022	78	339	17	27	935
Dental laboratory technicians	21 021	19 376	1 024	21	374	65	101	1 770	6 355	5 576	131	—	—	—	—	94
Electric power linemen and cablemen	102 643	98 266	3 978	188	127	21	21	2 232	1 244	1 084	144	16	16	—	41	20
Engravers, except photoengravers	6 254	5 850	278	23	42	22	24	300	2 558	2 339	144	—	—	—	—	131
Foremen, n.e.c.	1 468 320	1 405 776	52 054	2 537	3 366	737	898	42 281	130 586	120 784	8 414	233	457	23	202	190
Construction	158 720	151 457	5 709	416	593	42	66	4 703	1 496	1 358	115	—	—	—	—	25
Manufacturing	850 163	820 231	25 950	1 132	1 272	414	488	23 030	80 992	76 383	3 957	87	257	144	—	58

¹Total includes other races not shown separately. ²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

	Male						Female									
	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²
United States																
Craftsmen and kindred workers—Con.																
Foremen, n.e.c.—Continued																
Manufacturing—Continued																
Metal industries	142 379	137 219	4 800	111	100	40	40	3 979	3 439	3 197	220	—	22	—	—	140
Machinery, except electrical	86 018	86 813	997	70	94	20	20	1 652	2 463	2 336	127	—	—	—	—	99
Electrical machinery, equipment and supplies	75 138	73 007	1 833	81	119	60	60	1 945	9 493	8 865	571	—	57	—	—	304
Transportation equipment	106 950	102 789	3 633	106	209	99	91	1 910	2 187	1 985	162	—	20	—	—	22
Other durable goods	127 151	122 044	4 313	370	130	87	36	4 098	10 083	9 386	565	14	37	—	44	506
Food and kindred products	61 431	57 778	2 734	104	477	40	141	2 658	6 293	5 799	327	—	61	—	12	460
Textiles, textile products, and apparel	64 800	62 475	2 201	39	—	19	15	1 933	31 358	29 983	1 258	—	38	—	79	1 987
Other nondurable goods, including not specified manufacturing	184 296	178 106	5 439	251	143	109	105	4 855	15 676	14 832	727	73	22	—	—	550
Transportation	69 703	66 188	2 927	135	209	40	42	2 318	1 562	1 464	60	20	18	—	—	63
Communications, and utilities and sanitary services	78 871	76 459	2 040	62	178	—	—	1 166	4 505	4 212	293	—	—	—	—	90
Wholesale and retail trade	155 353	146 609	7 426	216	540	127	144	5 712	20 048	20 275	1 399	65	106	34	71	960
All other industries	155 510	145 832	8 002	576	574	114	158	5 332	19 983	17 092	2 592	61	76	24	38	601
Furniture and wood finishers	18 683	16 256	2 138	68	164	—	—	1 660	4 129	3 427	661	20	21	—	—	146
Furriers	2 650	2 586	64	—	—	—	—	83	563	423	140	—	—	—	—	50
Glaziers	25 130	23 483	1 204	85	103	11	19	1 238	994	850	144	—	—	—	—	44
Inspectors, scalers, and graders; log and lumber	16 843	14 475	2 054	196	28	38	—	206	2 221	1 689	532	—	—	—	—	400
Inspectors, n.e.c.	110 276	104 581	5 053	215	205	58	59	3 043	9 352	7 197	2 060	—	39	—	56	400
Construction	22 869	22 428	343	21	20	—	—	272	189	149	20	—	—	—	—	21
Railroads and railway express service	24 081	23 222	811	23	25	—	—	1 082	224	205	—	—	19	—	—	—
Jewelers and watchmakers	33 148	32 169	455	95	200	16	65	2 494	4 399	3 696	437	74	41	105	—	331
Locomotive engineers	50 374	49 417	941	16	—	—	—	459	456	399	46	—	—	11	—	33
Locomotive firemen	13 089	12 492	597	—	—	—	—	157	228	157	71	—	—	—	—	—
Mechanics and repairmen	2 465 759	2 296 168	145 528	6 264	8 933	2 500	2 637	102 586	52 112	45 946	5 494	170	208	143	56	2 201
Air conditioning, heating, and refrigeration	120 898	116 226	3 848	149	362	143	60	5 013	1 130	1 043	66	—	21	—	—	55
Aircraft	145 388	136 313	6 924	498	761	370	275	8 364	4 872	4 029	698	22	20	46	20	241
Automobile body repairmen	109 860	101 892	6 738	395	545	23	122	6 670	1 075	968	107	—	—	—	—	23
Automobile mechanics	821 822	744 551	68 573	2 413	3 302	735	1 015	35 648	11 713	10 031	1 575	38	48	21	—	555
Automobile mechanic apprentices	3 337	3 153	132	14	17	—	21	96	62	62	—	—	—	—	—	—
Data processing machine repairmen	31 473	29 995	1 225	20	82	83	24	835	788	682	106	—	—	—	—	—
Farm implement	32 779	31 201	1 331	62	114	38	12	814	355	337	18	—	—	—	—	—
Heavy equipment mechanics, including diesel	580 098	548 975	26 580	1 524	1 374	124	418	20 205	11 271	9 987	1 145	49	24	25	—	458
Household appliance and accessory installers and mechanics	122 884	116 447	5 625	155	381	55	105	4 246	2 733	2 298	435	—	—	—	—	25
Loom fixers	21 279	20 860	419	—	—	—	—	129	265	234	31	—	—	—	—	—
Office machine	40 538	38 844	1 339	77	148	73	35	1 307	876	791	67	—	18	—	—	—
Radio and television	138 147	128 286	7 533	397	949	528	153	7 115	5 694	5 082	502	17	43	17	16	321
Railroad and car shop	54 977	51 127	3 622	93	19	21	41	2 783	486	486	—	—	—	—	—	17
Mechanics, except auto, apprentices	7 126	6 789	228	—	98	11	—	205	384	364	20	—	—	—	—	18
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	174 690	165 044	7 767	291	792	253	268	6 243	8 390	7 612	666	44	34	34	—	438
Manufacturing	50 260	48 035	1 950	25	82	34	73	1 432	3 658	3 344	294	—	20	—	—	279
Not specified mechanics and repairmen	70 926	66 407	4 004	190	104	54	109	3 214	2 464	2 366	78	—	—	—	20	68
Manufacturing	26 357	24 741	1 482	—	64	8	21	1 325	1 453	1 393	40	—	—	—	—	20
Metal craftsmen, except mechanics	1 101 999	1 042 419	52 281	2 549	1 442	645	1 086	37 563	35 728	31 772	3 711	45	40	26	41	1 641
Blacksmiths	10 340	9 659	528	71	21	—	43	251	346	323	23	—	—	—	—	—
Boilermakers	31 283	29 413	1 640	87	—	—	38	1 113	420	420	—	—	—	—	—	—

¹Total includes other races not shown separately. ²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories. ³Includes transportation, communications, and other public utilities—allocated.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

United States	Male										Female									
	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²				
																	Persons of Spanish origin ²			
Craftsmen and kindred workers—Continued																				
Metal craftsmen, except mechanics—Continued																				
Forgemen and hammermen	15 525	14 048	1 437	19	21	—	—	495	764	95	—	—	—	—	—	63				
Heat treaters, annealers, and temperers	21 647	19 372	2 181	68	—	—	—	944	377	—	—	—	—	—	—	—				
Job and die setters, metal	84 277	78 987	4 939	82	18	39	96	2 820	2 045	90	—	—	—	—	41	162				
Machinists	377 973	358 191	16 843	1 009	862	258	409	14 084	10 790	1 550	23	—	—	—	—	711				
Machinist apprentices	9 753	9 227	1 889	119	43	—	—	278	266	47	—	—	—	—	—	67				
Millwrights	81 030	79 001	1 889	128	—	—	—	1 239	967	799	—	—	—	—	—	23				
Molders, metal	48 011	36 760	10 893	68	—	—	—	3 217	5 839	—	—	—	—	—	—	196				
Molder apprentices	658	590	68	—	—	—	—	38	16	—	—	—	—	—	—	—				
Pattern and model makers, except paper	37 871	37 022	674	32	36	59	25	980	1 758	113	—	—	—	—	—	84				
Rollers and finishers, metal	19 518	17 201	2 159	45	—	—	—	899	1 342	94	—	—	—	—	—	107				
Sheetmetal workers and tinsmiths	160 407	153 764	4 929	529	326	155	287	6 818	3 251	437	22	20	—	—	—	228				
Sheetmetal apprentices	5 710	5 456	217	—	—	—	—	291	44	—	—	—	—	—	—	14				
Shipfitters	10 462	9 154	1 042	39	44	67	72	309	142	54	—	—	—	—	—	23				
Shipfitters apprentices	203 655	199 847	3 127	321	114	41	72	4 083	3 754	311	—	—	—	—	—	—				
Tool and die makers	9 409	9 194	215	—	—	—	—	210	35	21	—	—	—	—	—	16				
Tool and die maker apprentices	7 371	6 659	645	173	—	—	—	283	283	21	—	—	—	—	—	29				
Millers; grain, flour, and feed	15 303	14 658	474	67	43	—	—	559	559	560	—	—	—	—	—	372				
Motion picture projectionists	21 992	21 148	709	23	52	—	—	870	5 865	—	—	—	—	—	—	19				
Opticians, and lens grinders and polishers																				
Piano and organ tuners and repairmen	6 732	6 582	150	—	—	—	—	119	210	69	—	—	—	—	—	19				
Power station operators	17 707	17 197	452	23	—	—	—	171	658	20	21	—	—	—	—	17				
Printing craftsmen	338 851	319 170	17 328	471	870	485	170	15 284	55 383	5 519	150	133	116	83	2 981					
Bookbinders	15 438	14 006	1 363	11	36	22	—	800	17 458	2 284	68	84	17	63	1 723					
Bookbinders apprentices	138 178	129 883	7 210	188	326	305	96	5 838	21 547	1 462	23	34	52	—	—	—				
Compositors and typesetters	6 172	5 718	631	24	20	—	—	464	293	23	—	—	—	—	—	—				
Printing trades apprentices, except pressmen	6 621	6 351	252	—	—	—	—	97	356	23	—	—	—	—	—	75				
Electrotypers and stereotypers	30 230	29 408	614	42	55	22	20	1 033	4 098	353	—	—	—	—	—	912				
Photoengravers and lithographers	148 384	139 522	7 889	230	453	136	54	7 516	11 924	1 397	59	15	47	20	—	—				
Pressmen and plate printers, printing	2 894	2 728	148	—	—	—	—	145	58	—	—	—	—	—	—	—				
Pressmen apprentices																				
Shoe repairmen	24 778	21 172	3 346	112	83	—	—	1 903	5 850	362	—	—	—	—	—	558				
Sign painters and letterers	17 897	16 915	7 843	115	106	—	—	886	1 810	136	—	—	—	—	—	112				
Stationary engineers	174 115	164 977	7 867	426	203	101	214	4 028	2 908	386	17	—	—	—	—	22				
Stone cutters and stone carvers	6 258	5 747	374	33	16	—	—	243	488	44	—	—	—	—	—	2 125				
Tailors	49 582	44 422	4 428	29	247	333	20	5 287	20 485	2 625	22	97	106	42	—	240				
Tailors installers and repairmen	232 493	221 132	9 572	294	741	231	143	5 833	8 120	703	42	—	—	—	—	—				
Telephone linemen and splicers	52 402	50 232	1 918	91	65	22	39	1 022	562	109	—	—	—	—	—	520				
Telephone linemen and splicers	52 625	47 468	4 643	94	181	21	114	5 476	9 193	1 322	38	—	—	—	—	289				
Upholsterers	81 327	74 030	6 014	378	191	131	160	3 160	7 614	253	36	—	—	—	—	104				
Craftsmen and kindred workers, n.e.c.	35 913	31 663	3 599	278	75	—	—	1 516	2 251	490	—	—	—	—	—	780				
Former members of the Armed Forces	610 229	519 465	83 828	1 700	1 610	1 487	943	18 972	22 798	4 960	152	17	107	39	—	—				
Craftsmen and kindred workers—allocated																				
Operatives, except transport	6 829 828	5 909 908	853 266	22 839	11 165	10 202	8 857	401 981	3 765 559	601 132	15 522	16 205	15 794	6 266	309 871	43				
Asbestos and insulation workers	25 385	24 171	1 091	20	44	—	—	699	519	61	—	—	—	—	—	43				
Assemblers	521 142	447 165	70 258	1 377	474	286	593	36 555	454 029	60 977	2 224	1 584	332	1 020	36 158	—				
Blasters and powdermen	7 771	7 002	747	22	—	—	—	470	343	22	—	—	—	—	—	—				
Bottling and canning operatives	32 967	28 713	3 744	52	45	—	—	2 547	18 567	2 547	186	223	308	126	—	—				
Chainmen, rodmn, and axmen; surveying	12 270	11 514	550	68	16	46	—	642	155	25	—	—	—	—	—	—				
Checkers, examiners, and inspectors; manufacturing	374 353	344 445	27 857	402	531	284	352	12 547	325 851	31 875	987	690	138	210	14 499	—				
Clothing ironers and pressers	100 128	33 028	15 082	66	66	1 408	46	6 159	82 991	60 661	1 003	373	686	208	28	—				
Cutting operatives, n.e.c.	133 113	115 543	16 503	464	187	123	35	9 595	43 050	5 880	121	81	120	289	3 904	—				
Dressmakers and seamstresses, except factory	4 447	3 788	356	39	17	17	—	355	96 826	8 962	290	1 736	222	299	5 927	—				
Drillers, earth	58 443	54 507	3 541	295	17	13	43	1 979	3 647	391	—	—	—	—	—	—				
Dry wall installers and laters	48 835	46 008	2 278	244	17	—	—	2 162	470	22	—	—	—	—	—	—				

¹Total includes other races not shown separately.

²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Male										Female								
	Total ¹					Persons of Spanish origin ²					Total ¹			Persons of Spanish origin ²					
	White	Negro	American Indian	Japane se	Chinese	Filipino	White	Negro	American Indian	Japane se	Chinese	Filipino	White	Negro	American Indian	Japane se	Chinese	Filipino	Persons of Spanish origin ²
Operatives, except transport —Continued																			
Dyers	22 584	3 818	200	—	17	13	1 667	394	—	—	—	—	—	—	—	—	—	—	97
Garage workers and gas station attendants	438 497	33 876	1 392	1 555	754	688	11 620	840	68	—	—	—	62	—	—	—	—	—	546
Graders and sorters, manufacturing	14 208	11 790	67	37	—	25	25 695	4 287	48	138	—	—	81	—	—	—	—	—	3 239
Produce graders and packers, except factory and farm	8 100	7 025	—	88	26	71	25 009	1 737	128	110	—	—	238	—	—	—	—	—	135
Laundry and drycleaning operatives, n.e.c.	64 807	14 579	168	322	2 051	188	111 909	77 232	32 003	860	—	—	399	—	—	—	—	—	400
Meat cutters and butchers, except manufacturing	196 259	181 681	427	537	1 595	161	9 575	2 003	46	81	—	—	20	—	—	—	—	—	620
Meat cutters and butchers, manufacturing	50 798	40 792	201	41	44	81	14 544	4 533	148	67	—	—	59	—	—	—	—	—	20
Meat wrappers, retail trade	3 113	2 760	—	—	—	—	41 842	1 960	79	19	—	—	191	—	—	—	—	—	84
Metalworking operatives, except precision machine	881 168	776 480	3 928	1 272	303	1 079	152 336	19 241	684	126	—	—	403	—	—	—	—	—	162
Filers, polishers, sanders, and buffers	98 401	85 516	570	37	50	76	21 668	3 681	134	45	—	—	92	—	—	—	—	—	1 137
Furnacemen, smelters, and pourers	62 963	48 007	154	—	23	63	2 302	445	—	—	—	—	—	—	—	—	—	—	47
Heaters, metal	7 100	6 205	18	22	—	—	2 000	—	—	—	—	—	—	—	—	—	—	—	—
Metal platers	30 694	27 140	44	21	19	—	2 777	264	40	—	—	—	—	—	—	—	—	—	172
Punch and stamping press operatives	122 420	106 712	176	159	20	86	50 110	5 939	218	62	—	—	145	—	—	—	—	—	15
Riveters and fasteners	15 574	13 357	87	50	—	—	11 999	1 121	39	—	—	—	—	—	—	—	—	—	607
Solderers	7 179	6 310	—	—	26	22	33 479	3 716	96	19	—	—	121	—	—	—	—	—	64
Welders and flame-cutters	536 837	483 233	2 879	983	165	814	29 801	4 075	157	45	—	—	157	—	—	—	—	—	83
Milliners	216	195	—	—	—	—	1 861	179	—	—	—	—	54	—	—	—	—	—	185
Mine operatives, n.e.c.	161 662	152 280	1 117	155	20	36	4 290	513	25	20	—	—	20	—	—	—	—	—	192
Cool mining	48 746	46 408	50	18	—	—	601	93	25	—	—	—	—	—	—	—	—	—	15
Crude petroleum and natural gas extractions	68 663	65 885	413	19	20	36	3 046	403	—	—	—	—	—	—	—	—	—	—	137
Mining and quarrying, except fuel	44 250	39 987	654	118	30	47	660	17	—	—	—	—	—	—	—	—	—	—	40
Mixing operatives	68 812	55 720	129	130	19	154	2 166	876	—	—	—	—	—	—	—	—	—	—	265
Oilers and greasers, except auto	47 460	42 014	4 829	—	83	173	1 830	1 544	29	—	—	—	—	—	—	—	—	—	162
Packers and wrappers, except meat and produce	211 060	173 207	617	433	256	477	301 616	45 551	1 066	607	—	—	1 468	—	—	—	—	—	31 288
Painters, manufactured articles	104 235	88 060	540	124	18	226	16 090	2 620	85	—	—	—	19	—	—	—	—	—	335
Photographic process workers	35 577	31 994	38	282	112	80	28 339	2 550	40	40	—	—	304	—	—	—	—	—	48
Precision machine operatives	393 198	365 535	25 627	1 067	23	185	38 649	3 559	42	22	—	—	62	—	—	—	—	—	1 628
Drill press operatives	59 112	54 052	215	45	—	—	17 394	1 312	42	—	—	—	16	—	—	—	—	—	792
Grinding machine operatives	131 122	119 073	394	71	—	—	15 996	806	42	—	—	—	24	—	—	—	—	—	241
Lathe and milling machine operatives	136 781	130 032	376	138	23	68	7 445	579	—	—	—	—	—	—	—	—	—	—	220
Precision machine operatives, n.e.c.	66 163	62 358	3 600	82	—	—	7 526	862	—	—	—	—	20	—	—	—	—	—	375
Sailors and deckhands	30 127	26 123	83	75	189	314	7 791	1 094	30	—	—	—	—	—	—	—	—	—	105
Sawyers	99 308	81 105	770	73	—	—	776 759	85 593	2 745	10 116	—	—	4 834	—	—	—	—	—	536
Sewers and stitchers	57 972	49 573	177	—	—	—	38 546	1 895	72	—	—	—	—	—	—	—	—	—	89 400
Shoemaking machine operatives	24 804	23 936	52	—	—	—	40 553	1 895	—	—	—	—	—	—	—	—	—	—	1 912
Stationary firemen	92 409	81 048	353	101	20	170	7 947	1 044	13	39	—	—	35	—	—	—	—	—	596
Textile operatives	203 315	170 819	536	69	19	15	215 245	31 720	701	90	—	—	151	—	—	—	—	—	5 558
Carding, lapping, and combing operatives	15 330	12 555	20	—	—	—	4 533	889	—	—	—	—	—	—	—	—	—	—	80
Knitters, loopers, and tappers	11 604	10 645	21	—	—	—	17 240	1 882	49	—	—	—	88	—	—	—	—	—	618
Spinners, twistlers, and winders	57 986	47 976	237	—	—	—	92 871	12 610	201	—	—	—	17	—	—	—	—	—	1 334
Weavers	23 366	20 966	97	—	—	—	24 586	2 284	83	—	—	—	—	—	—	—	—	—	362
Textile operatives, n.e.c.	95 029	78 677	161	69	—	—	76 015	14 055	368	46	—	—	46	—	—	—	—	—	3 164
Winding operatives, n.e.c.	30 295	28 161	53	51	—	—	30 179	2 835	160	26	—	—	106	—	—	—	—	—	1 181
Miscellaneous and not specified operatives	1 889 492	1 615 658	5 832	2 595	1 136	2 451	675 831	115 595	2 615	824	—	—	2 124	—	—	—	—	—	54 909
Occupation:																			
Machine operatives, miscellaneous specified	770 656	666 513	2 177	890	314	663	282 279	41 353	1 012	279	—	—	571	—	—	—	—	—	17 794
Machine operatives, not specified	425 248	353 947	1 024	215	34	388	136 329	26 718	505	328	—	—	328	—	—	—	—	—	13 570
Miscellaneous operatives	468 817	399 431	1 870	1 203	635	1 172	171 913	34 965	823	378	—	—	1 031	—	—	—	—	—	14 367
Not specified operatives	224 771	195 767	761	287	153	228	85 310	12 559	275	120	—	—	194	—	—	—	—	—	9 178

¹Total includes other races not shown separately.

²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

22 Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

	Male						Female						Persons of Spanish origin?			
	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin?	Total ¹	White	Negro	American Indian		Japanese	Chinese	Filipino	Persons of Spanish origin?
United States																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—																
Continued																
Industry:																
Manufacturing																
Durable goods	1 581 553	1 357 837	212 817	4 122	1 744	588	1 536	103 489	705 479	601 574	96 930	2 209	1 758	643	935	48 274
Lumber and wood products, except furniture	921 213	786 457	128 731	2 708	834	328	532	59 989	341 057	293 775	44 142	1 220	736	217	396	20 994
Furniture and fixtures	65 464	51 684	13 136	537	—	20	15	2 375	12 004	9 066	2 830	74	34	—	—	444
Stone, clay, and glass products	36 937	31 477	5 206	113	76	—	—	3 231	15 496	12 345	3 069	20	22	—	—	1 022
Glass and glass products	85 054	73 414	11 226	109	103	54	46	4 839	20 105	18 220	1 716	43	44	—	62	946
Cement, concrete, gypsum, and plaster products	29 841	27 395	2 359	20	32	35	—	1 552	7 838	6 977	837	24	—	—	—	226
Other stone, clay, and glass products	20 560	16 395	3 941	48	71	19	46	1 520	762	570	172	—	—	—	20	60
	34 653	29 624	4 926	41	—	—	—	1 767	11 505	10 673	707	19	44	—	42	660
Primary metal industries	167 895	138 016	28 997	360	101	16	54	10 627	12 787	10 968	1 636	62	35	17	43	533
Blast furnaces, steel works, and rolling and finishing mills	60 704	48 091	12 335	43	44	—	25	3 154	1 367	843	524	—	—	—	—	91
Other primary iron and steel industries	48 208	37 851	10 108	131	39	16	—	2 738	3 339	2 870	449	—	—	—	20	168
Primary nonferrous industries	58 983	52 074	6 554	186	18	—	29	4 735	8 081	7 255	663	62	35	17	23	274
Fabricated metal industries, including not specified metal	110 411	95 197	14 444	298	70	18	92	9 869	33 297	29 192	3 858	117	—	24	46	1 944
Cutlery, hand tools, and other hardware	10 505	9 584	861	20	—	—	—	916	6 321	5 599	660	40	—	—	—	359
Fabricated structural metal products	28 791	25 270	3 283	107	—	—	—	2 309	3 340	3 033	307	—	—	—	—	395
Screw machine products, and metal stamping	19 192	16 690	2 411	34	43	—	—	1 380	8 449	7 505	944	—	—	—	—	409
Miscellaneous fabricated metal products and not specified metal	51 923	43 653	7 889	137	27	18	92	5 264	15 187	13 055	1 947	77	—	24	46	781
Machinery, except electrical	132 191	120 138	11 373	310	138	42	15	5 882	25 391	22 835	2 282	64	77	33	—	1 437
Form machinery and equipment	11 271	9 907	1 317	21	—	—	—	290	1 041	947	76	—	18	—	—	34
Construction and material handling machines	18 572	16 784	1 645	83	20	—	—	741	830	720	110	—	—	—	—	38
Metallworking machinery	24 676	23 108	1 483	46	19	20	—	876	4 421	3 946	443	—	18	14	—	101
Office and account machines, and electronic computing equipment	9 017	8 155	806	—	56	—	—	464	6 298	5 630	521	64	24	19	—	407
Other machinery, except electrical	68 655	62 184	6 102	160	43	22	15	3 511	12 801	11 592	1 132	—	17	—	—	857
Electrical machinery, equipment, and supplies	94 099	83 737	9 793	306	36	34	59	6 611	115 359	100 145	14 391	399	193	42	59	6 110
Household appliances	12 904	11 153	1 729	22	—	—	—	711	5 943	4 898	1 026	19	—	—	—	207
Radio, T.V., and communication equipment	20 985	18 202	2 647	70	—	—	17	1 689	32 256	26 926	5 076	88	45	22	39	1 572
Electrical machinery, equipment, and supplies, n.e.c.	54 081	48 790	4 980	159	36	34	21	3 652	68 991	61 146	7 325	292	118	20	20	3 650
Not specified electrical machinery, equipment, and supplies	6 129	5 592	437	55	—	—	21	559	8 169	7 175	964	—	30	—	—	681
Transportation equipment	141 112	116 265	23 763	448	213	21	129	7 525	26 870	23 148	3 532	49	63	—	78	999
Motor vehicles and motor vehicle equipment	78 897	62 654	15 817	259	64	—	9	3 007	15 679	13 442	2 162	30	45	—	—	378
Aircraft and parts	37 546	33 242	3 919	143	86	—	80	2 749	7 790	6 637	1 038	19	18	—	—	461
Other transportation equipment	24 669	20 369	4 027	46	63	21	40	1 769	3 401	3 069	332	—	—	—	—	160

¹Total includes other races not shown separately. ²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Male						Female									
	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²	Total ¹	White	Negro	American Indian	Japanese	Chinese	Filipino	Persons of Spanish origin ²
United States																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Con.																
Industry—Continued																
Manufacturing—Continued																
Durable goods—Continued																
Professional and photographic equipment, and watches	20 428	18 343	1 876	48	25	28	23	1 230	18 210	1 801	94	55	19	—	1 291	
Professional equipment and supplies	12 705	11 480	1 200	—	—	—	—	906	13 216	1 060	38	35	19	—	993	
Ordnance	16 643	13 758	2 809	32	—	24	—	1 165	7 225	1 533	21	44	—	—	453	
Miscellaneous manufacturing industries	46 731	40 962	5 371	116	72	71	99	6 367	41 198	7 367	277	169	82	108	5 717	
Durable goods—allocated	4 248	3 466	737	31	—	—	—	268	1 350	127	—	—	—	—	98	
Nondurable goods	648 104	561 914	81 379	1 414	930	260	986	41 608	302 220	51 456	970	976	426	539	26 265	
Food and kindred products	143 189	117 563	23 520	410	602	97	658	12 358	59 046	16 272	334	501	223	348	5 592	
Meat products	30 771	24 737	5 904	47	—	14	24	2 199	17 397	6 007	58	21	—	17	777	
Dairy products	22 185	20 532	1 532	20	36	22	21	770	2 025	237	—	—	—	—	38	
Canning and preserving fruits, vegetables, and sea foods	18 196	14 500	3 143	58	214	—	130	2 765	22 593	6 662	192	403	75	251	2 978	
Bakery products	12 518	9 613	2 806	60	19	—	—	1 208	6 077	1 038	22	43	25	—	554	
Beverage industries	12 580	10 796	1 784	—	—	—	—	769	1 813	217	—	—	15	19	89	
Other food and kindred products	46 939	37 385	8 351	225	333	61	483	4 647	15 265	2 111	62	34	108	61	1 156	
Tobacco manufactures	9 368	6 667	2 701	—	—	—	—	628	7 960	2 965	40	—	—	—	659	
Apparel and other fabricated textile products	23 764	20 402	3 195	—	20	62	24	2 965	61 278	10 808	151	154	130	61	7 707	
Apparel and accessories	17 486	15 238	2 095	—	20	62	24	1 902	51 693	8 584	108	107	130	20	6 011	
Miscellaneous fabricated textile products	6 278	5 164	1 100	—	—	—	—	1 063	9 585	2 224	43	47	—	41	1 696	
Paper and allied products	138 950	123 954	14 503	186	63	14	109	7 004	38 292	4 685	65	58	21	40	2 836	
Pulp, paper, and paperboard mills	75 087	68 812	6 023	153	—	—	53	1 653	7 410	635	30	—	—	—	454	
Miscellaneous paper and pulp products	22 113	19 929	2 118	16	15	14	21	1 315	15 405	1 586	35	38	—	40	1 149	
Paperboard containers and boxes	41 750	35 213	6 362	17	48	—	35	4 036	15 477	2 464	—	20	—	—	1 233	
Printing, publishing, and allied industries, except newspapers	44 170	40 257	3 633	61	137	23	17	2 437	33 602	3 247	63	133	—	19	1 859	
Chemicals and allied products	36 092	32 660	3 191	61	98	23	17	2 114	30 658	3 190	63	114	—	19	1 822	
Industrial chemicals	125 530	110 431	14 408	343	21	22	60	5 551	21 749	3 876	50	41	35	—	1 057	
Synthetic fibers	40 411	36 696	3 557	82	—	—	21	1 298	1 677	349	—	—	—	—	42	
Soaps and cosmetics	7 368	6 538	771	37	—	—	—	97	1 841	378	—	—	—	—	20	
Other chemicals and allied products	6 869	5 630	1 199	18	—	22	—	523	5 037	1 007	—	41	—	—	334	
Petroleum and coal products	70 882	61 567	8 881	206	21	—	39	3 633	13 572	2 142	50	—	35	—	661	
Rubber and miscellaneous plastic products	28 357	25 541	2 707	24	—	20	40	952	494	139	—	—	—	—	24	
Rubber products	111 997	97 293	13 943	312	64	—	78	7 202	53 425	6 758	138	54	—	71	3 808	
Miscellaneous plastic products	71 719	61 387	9 906	195	42	—	58	3 377	17 947	1 912	70	19	—	—	705	
Leather and leather products	40 278	35 906	4 037	117	22	—	20	3 825	35 478	4 846	68	35	—	71	3 103	
Tanned, curried, and finished leather	19 656	17 349	2 103	78	23	22	—	2 292	24 634	2 464	129	35	17	—	2 672	
Footwear, except rubber	8 462	7 450	989	—	23	—	—	658	1 815	228	—	—	—	—	100	
Leather products, except footwear	5 440	5 170	511	54	—	—	—	408	14 016	598	84	—	—	—	736	
Nondurable goods—allocated	12 236	9 466	2 707	—	—	22	—	1 226	8 803	1 638	45	35	17	—	1 836	
Not specified manufacturing industries	12 236	9 466	2 707	—	—	—	18	1 902	1 995	242	19	46	—	—	51	

¹Total includes other races not shown separately.

²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

24 Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For meaning of symbols, see text.

Occupation	Male										Female															
	Total ¹					Persons of Spanish origin ²					Total ¹					Persons of Spanish origin ²										
	White	Negro	American Indian	Japanese	Chinese	Filipino	White	Negro	American Indian	Japanese	Chinese	Filipino	White	Negro	American Indian	Japanese	Chinese	Filipino	White	Negro	American Indian	Japanese	Chinese	Filipino		
United States																										
Operatives, except transport—Continued																										
Miscellaneous and not specified operatives—Con.																										
Industry—Continued																										
Nonmanufacturing industries																										
Construction	307 939	257 821	45 407	1 710	831	548	915	21 141	94 405	74 257	18 665	406	366	181	250	6 635	56	—	—	—	—	—	—	—	—	—
Railroads and railway express service	37 316	32 303	4 694	151	13	47	63	2 616	1 186	1 065	110	11	—	—	—	25	—	—	—	—	—	—	—	—	—	—
Transportation, except railroads	24 666	11 118	2 033	200	243	92	44	1 126	1 392	336	57	—	—	—	—	280	—	—	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services	24 853	22 037	2 671	66	44	—	—	1 318	1 587	1 350	237	—	—	—	85	—	—	—	—	—	—	—	—	—	—	—
Wholesale trade	58 329	47 042	10 758	194	60	28	89	4 985	25 189	18 157	6 627	148	101	20	2 400	—	—	—	—	—	—	—	—	—	—	—
Retail trade	46 005	39 304	6 202	176	125	51	76	2 684	23 219	19 541	3 305	100	91	62	1 160	—	—	—	—	—	—	—	—	—	—	—
Business and repair services	46 164	39 751	5 664	381	169	41	67	2 789	8 436	7 531	810	17	19	36	648	—	—	—	—	—	—	—	—	—	—	—
Public administration	19 232	15 426	3 497	61	58	39	112	1 506	3 623	2 198	1 262	107	19	19	183	—	—	—	—	—	—	—	—	—	—	—
All other industries ³	37 954	30 452	6 245	317	119	250	288	2 790	28 874	22 593	5 881	23	136	88	1 798	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport—allocated	431 491	322 702	102 273	1 791	1 322	1 128	834	15 066	317 542	246 593	66 651	1 298	882	741	469	13 917	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives	2 945 804	2 502 395	420 774	7 900	4 677	1 897	3 001	132 612	138 979	124 400	13 606	304	192	32	174	3 322	—	—	—	—	—	—	—	—	—	—
Boatmen and condlmen	5 098	4 769	222	107	—	—	—	6 330	68 821	64 581	3 922	137	—	—	74	1 218	—	—	—	—	—	—	—	—	—	—
Bus drivers	173 583	142 227	29 882	706	167	149	126	6 499	20 348	18 604	1 617	—	60	13	19	592	—	—	—	—	—	—	—	—	—	—
Conductors and motormen, urban rail transit	9 600	5 156	4 432	12	—	—	—	28 977	3 967	3 337	606	—	—	—	—	76	—	—	—	—	—	—	—	—	—	—
Deliverymen and routemen	612 247	548 538	59 589	1 069	1 319	484	318	13 761	20 348	18 604	1 617	—	60	13	19	592	—	—	—	—	—	—	—	—	—	—
Fork lift and tow motor operatives	224 459	177 628	45 281	606	302	68	26	485	3 306	2 57	49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Motormen; mine, factory, logging camp, etc.	10 035	8 639	1 343	27	—	—	—	2 270	1 003	819	184	—	—	—	—	33	—	—	—	—	—	—	—	—	—	—
Parking attendants	30 161	23 627	6 168	—	80	114	69	2 270	616	459	157	—	—	—	—	18	—	—	—	—	—	—	—	—	—	—
Railroad brakemen	46 812	44 058	2 732	22	—	—	—	617	987	857	90	—	—	—	—	54	—	—	—	—	—	—	—	—	—	—
Railroad switchmen	52 098	48 500	3 422	92	18	21	20	1 400	9 623	7 520	1 988	—	36	37	244	—	—	—	—	—	—	—	—	—	—	—
Taxicab drivers and chauffeurs	149 827	116 091	32 206	254	331	179	397	9 038	21 698	17 957	3 492	121	51	19	20	841	—	—	—	—	—	—	—	—	—	—
Truck drivers	1 442 046	1 241 024	190 600	4 161	2 021	429	1 304	62 501	8 251	7 357	874	—	—	—	—	66	—	—	—	—	—	—	—	—	—	—
Trucking service	541 666	494 229	44 884	1 230	765	105	163	18 635	10 803	9 386	1 307	46	45	—	—	224	—	—	—	—	—	—	—	—	—	—
Trucking equipment operatives—allocated	189 838	142 138	44 897	856	427	453	311	6 481	307 688	248 775	55 182	1 143	958	650	322	15 646	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives—allocated	3 433 085	2 683 874	694 908	18 786	16 121	3 734	6 912	211 918	307 688	248 775	55 182	1 143	958	650	322	15 646	—	—	—	—	—	—	—	—	—	—
Laborers, except farm	32 604	28 946	3 344	77	41	47	54	1 457	15 834	15 134	643	33	—	—	—	403	—	—	—	—	—	—	—	—	—	—
Animal caretakers, except farm	50 155	39 237	10 289	331	104	137	115	4 029	1 184	950	186	22	—	—	—	50	—	—	—	—	—	—	—	—	—	—
Carpenters' helpers	631 170	484 054	139 252	4 125	582	137	296	47 066	10 698	7 733	2 824	65	23	15	16	1 005	—	—	—	—	—	—	—	—	—	—
Construction laborers, except carpenters' helpers	28 970	25 512	2 310	378	395	40	17	1 040	20 348	18 604	1 617	—	60	13	19	592	—	—	—	—	—	—	—	—	—	—
Fishermen and oystermen	531 743	418 509	107 997	2 532	903	170	462	27 288	42 497	32 735	9 290	197	102	66	8	1 884	—	—	—	—	—	—	—	—	—	—
Freight and material handlers	73 146	44 494	27 962	283	86	—	57	5 084	1 018	704	314	—	—	—	—	23	—	—	—	—	—	—	—	—	—	—
Garbage collectors	316 056	249 446	54 045	1 665	8 506	135	363	25 588	9 739	7 445	2 000	66	120	19	73	512	—	—	—	—	—	—	—	—	—	—
Gardeners and groundskeepers, except farm	49 643	30 688	17 914	143	154	86	301	3 922	866	523	318	45	—	—	—	33	—	—	—	—	—	—	—	—	—	—
Longshoremen and stevedores	90 965	68 879	20 714	1 258	73	—	—	10 038	2 142	1 658	439	—	—	—	—	24	—	—	—	—	—	—	—	—	—	—
Lumbermen, raftsmen, and woodchoppers	515 954	468 307	41 487	798	2 727	1 472	463	23 980	109 915	94 981	13 825	279	302	305	4 701	—	—	—	—	—	—	—	—	—	—	—
Stock handlers	7 544	5 979	1 516	24	—	—	—	154	298	277	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teamsters	114 763	85 038	28 477	402	210	118	299	8 400	13 941	9 626	4 118	22	40	26	37	785	—	—	—	—	—	—	—	—	—	—
Vehicle washers and equipment cleaners	108 294	91 475	14 358	465	648	190	799	8 127	4 498	3 779	648	—	—	—	—	256	—	—	—	—	—	—	—	—	—	—
Warehousemen, n.e.c.	591 114	454 612	128 957	4 319	833	340	1 016	43 008	17 535	56 381	14 325	301	258	88	44	5 090	—	—	—	—	—	—	—	—	—	—
Miscellaneous and not specified laborers	196 291	148 561	46 079	984	231	90	109	13 687	19 506	15 688	3 452	86	157	64	21	1 444	—	—	—	—	—	—	—	—	—	—
Occupation:	394 823	306 051	82 878	3 335	602	250	907	29 321	52 029	40 693	10 873	215	101	24	23	3 646	—	—	—	—	—	—	—	—	—	—
Miscellaneous laborers	300 951	231 167	67 227	1 377	199	80	398	20 862	42 694	34 874	7 402	186	79	48	21	3 011	—	—	—	—	—	—	—	—	—	—
Not specified laborers	204 628	155 881	47 159	969	39	61	188	13 558	22 744	18 996	3 496	105	57	48	—	1 288	—	—	—	—	—	—	—	—	—	—
Industry:	22 122	15 805	5 896	402	—	—	19	907	1 764	1 176	572	16	—	—	—	24	—	—	—	—	—	—	—	—	—	—
Durable goods	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lumber and wood products, except furniture	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

¹Total includes other races not shown separately. ²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories. ³Includes transportation, communications, and other public utilities—allocated.

Table 2. Race and Spanish Origin of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

†Data based on 5-percent sample, see text. For meaning of symbols, see text†

	Male						Female								
	Total ¹	White	Negro	American Indian	Japanese	Chinese	Persons of Spanish origin ²	Persons of Spanish origin ²	Chinese	Japanese	American Indian	Negro	White	Total ¹	Persons of Spanish origin ²
United States															
Laborers, except farm—Continued															
Miscellaneous and not specified laborers—Con.															
Industry—Continued															
Manufacturing—Continued															
Durable goods—Continued															
Furniture and fixtures	5 458	4 406	1 022	30	—	—	503	—	—	—	—	317	1 225	—	142
Stone, clay, and glass products	21 418	17 373	3 911	114	—	—	1 322	20	—	—	—	181	1 127	—	50
Cement, concrete, gypsum, and plaster products	9 002	7 088	1 794	100	—	—	782	20	—	—	—	15	127	—	27
Structural clay products	4 142	3 036	1 106	—	—	—	153	—	—	—	—	69	231	—	23
Other stone, clay, and glass products	8 274	7 249	1 011	14	—	—	387	—	—	—	—	97	838	—	93
Primary metal industries	74 276	53 942	19 966	130	—	—	5 594	40	—	—	—	529	1 241	—	50
Blast furnaces, steelworks, and rolling and finishing mills	43 084	31 241	11 665	23	—	—	3 131	21	—	—	—	295	360	—	43
Other primary iron and steel industries	20 696	14 083	6 537	36	—	—	1 549	—	—	—	—	77	386	—	—
Primary nonferrous industries	10 496	8 618	1 764	71	—	—	914	19	—	—	—	157	495	—	—
Fabricated metal industries, including not specified metal	20 844	16 905	3 730	121	—	—	1 588	26	—	—	—	330	3 977	—	378
Fabricated structural metal products	8 357	6 747	1 546	64	—	—	574	—	—	—	—	108	449	—	41
Machinery, except electrical	17 423	14 844	2 560	19	—	—	736	—	—	—	—	148	1 174	—	38
Electrical machinery, equipment, and supplies	8 741	7 262	1 392	—	—	—	735	25	—	—	—	464	3 617	—	148
Transportation equipment	23 539	16 824	6 569	25	—	—	1 345	58	—	—	—	326	1 319	—	115
Motor vehicles and motor vehicle equipment	11 779	8 052	3 702	25	—	—	587	—	—	—	—	193	600	—	49
Ship and boat building and repairing	4 930	2 928	1 911	—	—	—	304	28	—	—	—	53	242	—	44
Other transportation equipment	6 830	5 844	1 956	—	—	—	454	30	—	—	—	80	477	—	22
Professional and photographic equipment, and watches	1 040	928	87	25	—	—	54	—	—	—	—	39	591	—	69
Ordnance	2 997	2 356	641	—	—	—	122	—	—	—	—	311	1 249	—	33
Miscellaneous manufacturing industries—allocated	4 379	3 631	823	103	—	—	537	—	—	—	—	244	2 264	—	198
Manufacturing, durable goods—allocated	2 391	1 605	762	—	—	—	115	—	—	—	—	35	36	—	—
Nondurable goods	94 136	73 626	19 564	385	160	19	6 955	210	—	—	—	3 765	15 491	—	1 631
Food and kindred products	36 340	28 938	6 693	223	160	—	3 524	210	—	—	—	1 423	4 837	—	697
Meat products	10 098	8 423	1 532	116	—	—	857	—	—	—	—	558	1 307	—	23
Dairy products	3 630	3 082	504	—	—	—	163	22	—	—	—	—	264	—	—
Canning and preserving fruits, vegetables, and sea foods	6 853	5 633	966	44	—	—	1 053	138	—	—	—	532	2 008	—	422
Grain-mill products	4 220	3 162	974	40	—	—	219	—	—	—	—	20	218	—	—
Beverage industries	4 347	3 668	639	—	—	—	488	—	—	—	—	85	216	—	15
Other food and kindred products	7 192	4 970	2 078	23	—	—	744	50	—	—	—	228	824	—	237
Tobacco manufactures	1 415	774	641	—	—	—	20	—	—	—	—	398	167	—	24
Textile mill products	9 195	5 957	3 199	39	—	—	385	—	—	—	—	515	2 341	—	137
Yarn, thread, and fabric mills	6 228	3 574	2 615	39	—	—	174	—	—	—	—	413	1 290	—	47
Other textile mill products	2 967	2 383	584	—	—	—	211	—	—	—	—	102	1 051	—	90
Apparel and other fabricated textile products	1 410	1 082	289	—	—	—	212	—	—	—	—	381	1 314	—	175
Paper and allied products	13 320	10 736	2 507	77	—	—	624	—	—	—	—	191	1 222	—	161
Pulp, paper and paperboard mills	8 896	7 127	1 692	77	—	—	195	—	—	—	—	101	388	—	28
Other paper and allied products	4 424	3 609	815	—	—	—	429	—	—	—	—	90	834	—	133

¹Total includes other races not shown separately.

²Persons of Spanish origin may be of any race. Thus, all persons included here are also included in the race categories.

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970

(Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text)

Occupation	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
United States	1 367 099	1 916 309	5 341 703	5 856 814	5 144 449	4 998 280	5 434 567	5 392 193	4 854 341	4 158 370	1 985 750	982 840	1 223 703	880 054
Male experienced civilian labor force	22 965	78 315	749 860	1 168 416	985 549	899 763	831 479	751 637	552 662	417 616	200 260	101 617	129 722	102 389
Professional, technical, and kindred workers	490	2 637	53 471	93 022	62 489	58 400	60 090	60 346	49 706	39 706	20 784	10 642	13 546	11 571
Accountants	87	1 930	2 806	7 592	8 248	7 476	8 446	7 535	4 127	3 189	1 901	859	1 480	1 121
Architects	132	1 651	33 063	62 483	46 102	30 318	18 314	10 306	5 340	2 350	1 796	82	96	110
Computer specialists	106	235	26 114	41 429	26 663	15 591	8 475	4 645	2 287	1 270	244	182	73	71
Computer programmers	26	44	6 920	18 317	2 381	1 960	1 785	4 787	2 546	1 144	85	18	23	23
Computer systems analysts	365	2 758	74 961	172 278	181 139	180 949	182 547	173 379	116 628	77 914	33 949	15 735	15 442	8 116
Computer specialists, n.e.c.	22	133	4 063	7 960	10 461	12 221	11 574	11 023	7 773	3 408	1 984	522	301	77
Aeronautical and astronautical	74	60	4 901	8 759	7 843	6 539	6 791	8 054	5 673	3 199	1 010	316	273	200
Chemical	74	673	10 389	21 873	25 899	24 090	25 783	22 394	14 530	12 453	7 263	3 700	4 264	2 344
Civil	86	753	19 369	44 308	46 558	47 294	44 552	37 404	20 450	13 096	5 420	3 035	2 139	2 773
Electrical and electronic	45	316	10 803	26 424	24 895	25 199	26 713	28 141	21 975	13 753	5 983	2 300	1 982	705
Industrial	19	320	10 319	24 036	24 502	24 764	27 728	27 500	19 945	13 458	5 410	2 386	2 007	1 182
Mechanical	20	74	280	476	2 271	2 546	2 124	2 354	1 788	1 088	342	259	76	20
Metallurgical and materials	99	409	11 133	26 941	27 748	26 724	26 379	25 477	16 874	12 036	5 297	2 359	3 149	1 956
Mining	464	767	3 634	5 519	5 150	5 063	4 562	4 562	4 008	3 596	1 940	429	718	297
Petroleum	105	255	4 335	34 939	35 504	33 655	34 260	28 858	22 930	21 677	14 302	7 897	12 705	12 956
Sales	105	212	4 234	34 821	35 268	33 146	33 081	27 132	21 387	19 767	12 961	7 054	11 166	11 763
Engineers, n.e.c.	270	1 886	5 812	3 321	3 111	2 707	2 766	2 251	1 794	1 600	498	322	486	654
Form management advisors	252	1 886	4 986	2 561	2 445	2 376	2 356	1 947	1 451	1 204	440	185	378	382
Foresters and conservationists	18	184	886	2 760	3 331	3 311	4 410	3 044	3 433	3 966	58	137	108	272
Home management advisors	20	110	2 500	4 761	3 693	2 921	2 796	2 268	1 633	1 480	734	217	282	261
Lawyers and judges	21	21	469	866	1 587	432	535	323	223	170	146	42	35	37
Judges	27	67	835	1 357	1 372	820	738	428	294	192	42	57	57	224
Lawyers	20	22	1 196	2 538	1 894	1 689	1 523	1 515	1 176	1 118	546	175	190	190
Librarians, archivists, and curators	210	532	11 654	28 840	28 881	26 635	26 373	21 616	15 657	10 818	4 589	2 104	1 874	1 423
Librarians	41	93	859	1 042	1 458	1 561	1 635	1 616	1 213	920	551	263	290	231
Archivists and curators	20	18	154	427	3 995	663	924	806	1 077	422	175	65	18	15
Mathematical specialists	106	65	1 267	3 803	3 754	2 964	2 662	2 018	1 255	662	299	95	155	112
Actuaries	21	21	770	16 950	14 471	13 387	13 498	11 170	8 990	6 704	2 875	1 362	1 052	670
Mathematicians	20	71	147	2 218	2 715	3 433	4 445	3 385	1 437	1 124	2 271	1 339	1 178	242
Statisticians	43	61	1 348	455	5 174	3 802	2 916	2 121	1 337	667	359	136	23	21
Life and physical scientists	210	532	11 654	28 840	28 881	26 635	26 373	21 616	15 657	10 818	4 589	2 104	1 874	1 423
Life and physical, n.e.c.	41	93	859	1 042	1 458	1 561	1 635	1 616	1 213	920	551	263	290	231
Agricultural	20	18	154	427	3 995	663	924	806	1 077	422	175	65	18	15
Atmospheric and space	106	65	1 267	3 803	3 754	2 964	2 662	2 018	1 255	662	299	95	155	112
Biological	21	21	770	16 950	14 471	13 387	13 498	11 170	8 990	6 704	2 875	1 362	1 052	670
Chemists	71	71	147	2 218	2 715	3 433	4 445	3 385	1 437	1 124	2 271	1 339	1 178	242
Geologists	61	61	1 348	455	5 174	3 802	2 916	2 121	1 337	667	359	136	22	21
Physicists and astronomers	13	13	45	227	132	202	194	66	86	83	41	22	158	132
Life and physical, n.e.c.	153	735	4 811	13 594	10 992	9 784	9 131	9 288	8 047	5 072	1 472	590	268	178
Operations and systems researchers and analysts	142	735	12 032	29 780	29 133	28 824	28 311	25 204	16 478	16 478	4 657	2 776	2 219	1 129
Personnel and labor relations workers	102	553	10 783	50 904	59 737	68 285	64 708	64 718	48 559	42 540	23 694	14 390	24 457	22 985
Physicians, dentists, and related practitioners	45	45	202	739	1 299	1 277	1 922	2 028	1 273	995	476	221	687	1 198
Chiropractors	44	318	426	6 877	11 559	12 857	11 892	13 064	9 146	6 826	3 714	2 692	5 348	5 553
Dentists	18	95	2 268	124	1 131	1 447	1 361	1 583	2 560	1 983	738	472	654	432
Ophthalmists	19	19	381	41	41	43	42	42	19	19	19	19	19	19
Pharmacists	44	318	7 341	13 031	10 091	11 423	10 715	9 866	7 584	8 253	5 580	3 932	5 739	4 026
Physicians, medical and osteopathic	18	95	2 268	25 622	32 757	37 768	34 253	32 833	25 387	22 919	12 338	6 793	11 597	10 776
Podiatrists	19	19	381	41	41	43	42	42	19	19	19	19	19	19
Veterinarians	21	21	41	21	21	21	21	21	21	21	21	21	21	21
Health practitioners, n.e.c.	444	1 177	8 849	9 384	6 647	5 656	5 485	4 611	3 712	3 533	1 566	726	839	673
Registered nurses, dietitians, and therapists	201	143	412	327	234	220	411	375	235	336	192	80	23	34
Dietitians	92	328	2 872	3 389	2 497	2 536	2 577	2 354	1 665	1 665	395	508	308	314
Registered nurses	151	706	5 565	5 668	3 923	2 900	2 497	1 882	1 554	1 533	598	251	308	325
Therapists														

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Male experienced civilian labor force—Con.										70 years and over			
	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years		60 to 62 years	63 to 64 years	65 to 69 years
Health technicians and technicians	563	2 411	17 099	15 311	11 170	8 426	7 061	6 984	4 639	3 286	1 407	474	596	507
Clinical laboratory technologists and technicians	322	694	7 728	7 375	5 186	3 515	2 780	2 771	1 426	1 040	520	168	185	138
Health hygienists	—	18	56	69	78	105	191	277	134	129	121	37	35	19
Health record technologists and technicians	97	642	3 203	3 413	2 475	1 872	1 494	1 389	1 080	723	175	97	116	126
Radiology technologists and technicians	17	—	227	87	47	127	84	134	63	56	—	—	19	20
Therapy assistants	127	1 057	5 744	4 243	3 306	2 676	2 449	2 424	1 838	1 338	591	172	241	204
Health technicians and technicians, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Religious workers	366	1 175	10 045	20 959	27 183	29 780	31 142	25 660	24 563	22 075	10 877	6 488	10 598	10 351
Clergymen	211	661	8 233	19 337	25 983	29 182	28 835	24 219	23 397	20 741	10 148	6 079	9 932	9 582
Religious workers, n.e.c.	155	514	1 812	1 622	1 200	1 598	2 307	1 441	1 166	1 334	7 229	409	666	769
Social scientists	22	138	5 835	17 989	14 774	13 599	11 709	9 625	7 212	4 545	1 979	892	1 335	947
Economists	—	24	3 475	11 678	9 506	8 700	7 800	6 584	4 848	3 071	1 445	634	1 073	766
Political scientists	22	—	63	138	157	41	59	61	79	41	20	18	—	21
Psychologists	—	46	1 369	3 698	3 066	2 851	2 559	2 090	1 380	731	250	151	103	57
Sociologists	—	—	85	356	98	129	84	16	58	41	—	23	—	21
Urban and regional planners	—	48	738	1 582	1 480	1 518	1 005	615	514	416	178	19	98	40
Social scientists, n.e.c.	—	20	105	537	467	360	202	259	333	245	86	47	61	42
Social and recreation workers	1 843	3 204	19 505	21 386	14 500	12 141	10 525	10 026	7 104	6 306	2 982	1 403	1 612	1 210
Social	377	603	10 622	17 075	11 536	9 721	8 648	7 679	5 719	5 040	2 346	1 113	1 147	935
Recreation	1 466	2 601	8 883	4 311	2 964	2 420	1 877	2 347	1 385	1 266	636	290	455	275
Teachers, college and university	313	3 029	33 749	64 498	59 874	51 749	41 754	35 768	23 372	17 544	8 501	4 546	6 750	3 224
Agriculture	—	—	316	536	381	809	698	698	590	522	127	117	109	59
Atmospheric, earth, marine, and space	—	—	506	712	980	472	655	361	184	239	50	22	21	36
Biology	—	20	1 575	2 698	2 622	2 633	2 245	1 483	1 060	736	339	167	268	116
Chemistry	—	69	1 500	2 572	2 573	2 288	1 217	1 370	637	464	426	142	302	40
Physics	—	—	2 029	2 399	2 629	2 170	1 259	1 136	758	567	327	79	118	126
Engineering	—	38	970	2 818	2 700	2 297	1 825	2 057	1 342	752	419	347	405	171
Mathematics	45	171	2 157	5 187	4 276	2 685	2 475	1 244	881	721	464	173	392	93
Health specialties	—	16	554	1 676	2 263	2 504	2 732	2 099	1 271	825	240	210	216	211
Psychology	—	—	717	1 759	1 440	1 553	1 290	1 018	619	425	59	83	89	22
Business and commerce	—	21	780	1 484	1 425	1 378	1 056	828	828	399	260	84	205	101
Economics	—	23	356	1 955	1 510	1 424	1 098	1 098	935	488	272	35	184	64
History	—	18	678	2 700	3 288	1 933	1 653	1 836	809	319	308	128	274	88
Sociology	23	—	219	1 299	3 795	1 892	581	546	394	237	121	58	91	41
Social science teachers, n.e.c.	—	22	590	2 036	1 775	1 155	1 258	1 284	638	616	285	130	155	125
Art, drama, and music	50	112	1 017	3 886	2 863	3 260	1 257	2 305	1 648	1 102	373	229	337	233
Coaches and physical education	77	227	1 710	2 503	2 363	2 017	1 256	913	570	419	284	137	63	61
Education	—	—	84	529	772	846	982	578	442	339	299	207	241	24
English	12	60	1 178	4 592	4 507	3 152	2 379	2 570	1 647	1 133	685	320	547	146
Foreign language	—	59	854	1 425	2 193	1 536	1 195	1 243	755	795	384	280	306	285
Home economics	—	—	—	61	—	45	48	—	18	21	59	23	54	—
Law	—	—	94	366	393	508	388	237	303	170	35	65	99	150
Theology	—	—	163	354	657	816	659	588	428	267	165	22	133	56
Trade, industrial, and technical	—	—	190	288	289	428	390	386	327	161	102	77	106	—
Miscellaneous teachers, college and university	—	—	1 116	2 533	2 497	2 173	1 872	1 232	937	728	341	175	314	178
Teachers, college and university, subject not specified	106	2 173	14 396	18 130	14 640	12 811	9 841	8 430	5 351	5 099	2 077	1 236	1 721	798
Teachers, except college and university	3 386	4 343	131 550	183 431	123 415	104 813	82 976	64 254	45 330	35 637	17 184	8 497	9 190	5 199
Adult education	99	240	2 228	4 729	4 035	3 913	3 272	2 778	2 629	1 733	820	344	480	285
Elementary school	757	893	45 979	52 623	32 905	27 725	23 151	16 732	11 568	9 648	4 692	2 298	2 539	1 339
Public	426	531	36 022	44 061	28 163	20 086	20 688	14 931	10 004	8 415	4 002	1 793	1 714	990
Private	331	362	9 957	8 562	4 742	3 639	2 468	1 781	1 564	1 233	690	505	825	349
Prekindergarten and kindergarten	16	52	71	425	426	245	171	105	238	148	21	59	18	—
Public	—	—	279	252	140	178	58	35	153	34	—	21	18	—
Private	59	19	146	174	198	67	113	70	85	114	21	38	—	—

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Cont.														
Professional, technical, and kindred workers—Cont.														
Teachers, except college and university—Continued														
Secondary school	605	899	76 557	120 093	81 251	68 666	51 867	40 692	26 724	21 350	10 217	4 988	4 579	2 280
Public	476	529	59 440	100 478	70 176	60 505	46 373	35 936	24 033	18 765	9 309	4 241	3 646	1 678
Private	129	370	17 097	19 615	11 075	8 161	5 494	4 756	2 691	2 585	1 308	4 808	933	602
Teachers, except college and university, n.e.c.	1 850	2 240	6 361	5 560	4 886	4 302	4 565	3 947	4 171	2 758	1 434	808	1 574	1 295
Engineering and science technicians	3 467	21 341	142 095	144 732	101 991	87 325	74 208	67 038	45 631	32 937	14 201	6 444	5 334	3 394
Agriculture and biological, except health	97	1 206	4 126	3 549	2 358	2 519	2 044	1 953	1 369	2 772	652	511	472	201
Chemical	194	1 355	9 741	9 741	7 448	5 360	5 281	4 572	3 332	2 772	921	440	227	249
Draftsmen	1 831	9 002	61 371	53 983	36 047	29 188	24 582	23 044	14 231	10 820	5 322	2 742	2 382	1 637
Electrical and electronic engineering	249	2 208	22 572	34 486	23 477	21 479	17 827	14 778	8 978	5 287	2 090	2 493	2 493	306
Industrial engineering	—	157	2 264	3 542	2 744	1 945	2 224	2 224	1 951	1 466	558	197	135	32
Mechanical engineering	—	76	947	1 943	1 689	1 852	1 672	1 818	2 009	1 926	393	101	55	—
Mathematical	—	21	58	156	87	205	92	60	23	—	—	—	—	—
Surveyors	414	2 375	12 779	10 604	7 689	6 951	5 435	4 100	2 759	2 334	1 334	642	584	734
Engineering and science, n.e.c.	682	4 941	28 317	26 728	20 492	17 793	15 330	14 501	10 979	7 894	2 931	1 283	986	235
Technicians, except health, and engineering and science	358	1 575	11 956	22 834	24 685	20 923	15 840	19 640	13 448	6 742	2 346	1 103	1 410	727
Airplane pilots	21	171	2 011	8 632	11 518	8 500	6 242	8 824	5 026	1 700	1 055	105	157	35
Air traffic controllers	—	51	1 559	3 539	4 724	5 017	2 898	3 255	2 116	780	245	108	123	14
Embalmers	47	63	948	783	597	433	386	386	198	393	165	100	200	116
Flight engineers	—	—	253	1 557	1 149	851	698	1 239	690	271	—	—	—	—
Radio operators	184	648	3 031	2 477	2 295	1 858	2 206	2 228	2 229	1 671	787	399	734	444
Tool programmers, numerical control	—	23	282	671	573	239	266	219	182	52	—	—	—	—
Technicians, n.e.c.	106	619	3 872	5 175	3 829	4 025	3 161	3 489	2 966	1 875	826	391	196	118
Vocational and educational counselors	116	847	6 563	9 053	9 256	9 687	7 789	6 461	4 006	2 819	1 528	674	717	311
Writers, artists, and entertainers	7 826	17 918	72 707	81 204	71 195	62 018	62 546	55 255	42 826	35 153	16 116	8 488	11 205	9 666
Actors	122	329	1 180	1 218	1 246	1 133	918	587	586	198	263	127	245	61
Athletes and kindred workers	1 557	2 879	8 285	6 232	4 317	2 781	2 860	2 491	1 909	1 910	852	651	692	582
Authors	—	41	1 264	2 260	2 469	2 429	3 061	1 902	1 844	1 162	648	37	361	591
Dancers	53	—	354	283	186	126	124	17	—	—	—	—	—	—
Designers	99	541	7 569	14 683	13 685	12 035	10 585	9 228	6 106	4 972	2 363	1 051	1 297	1 059
Editors and reporters	546	1 700	10 071	13 268	11 888	10 121	10 621	10 131	7 769	5 797	3 264	1 909	2 326	2 110
Musicians and composers	326	6 009	15 997	8 940	6 378	4 549	4 328	3 317	3 268	3 294	1 487	757	1 255	1 172
Painters and sculptors	278	916	7 486	9 763	8 489	8 189	8 586	6 316	5 125	4 600	1 873	1 088	1 676	1 179
Photographers	435	2 002	6 456	7 319	6 392	6 108	6 838	6 316	5 125	4 809	1 764	1 008	983	971
Public relations men and publicity writers	60	410	3 719	6 578	7 175	6 864	7 507	7 398	5 375	5 079	2 105	1 161	1 257	1 010
Radio and television announcers	676	1 657	5 290	4 232	2 774	1 795	1 694	1 191	720	2 449	170	161	112	30
Writers, artists, and entertainers, n.e.c.	674	1 434	6 428	6 428	6 246	5 885	5 424	4 826	4 115	2 883	1 310	616	956	901
Research workers, not specified	129	1 315	14 087	21 098	12 882	9 729	8 542	7 435	6 154	3 599	1 402	802	766	643
Professional, technical, and kindred workers—allocated	1 745	7 212	55 459	48 757	32 770	29 654	28 315	27 380	22 172	16 420	8 703	4 671	5 728	4 736
Managers and administrators, except farm	9 754	28 411	249 759	489 414	547 372	634 993	761 400	771 434	675 384	558 847	254 900	125 222	154 445	113 300
Assessors, controllers, and treasurers; local public administration	20	78	346	748	1 040	1 259	1 379	1 801	2 279	2 736	1 582	897	1 714	1 621
Bank officers and financial managers	100	619	16 669	40 369	37 639	34 394	32 765	29 262	22 473	19 240	10 666	5 549	5 704	4 951
Buyers and shippers, farm products	192	372	1 972	1 281	1 519	2 217	2 559	2 248	2 935	2 489	1 214	607	1 008	848
Buyers, wholesale and retail trade	117	459	8 824	14 854	14 632	13 177	15 946	15 906	13 770	13 750	6 002	3 045	4 223	2 533
Credit men	17	199	4 945	6 021	6 025	6 061	4 726	4 306	3 443	3 076	1 765	1 044	1 446	2 533
Funeral directors	80	295	2 113	3 623	3 565	2 555	3 793	4 234	3 894	3 696	1 692	885	1 192	1 841
Health administrators	36	93	1 155	3 838	4 725	5 520	6 635	7 227	6 452	5 445	2 149	1 285	1 683	839
Construction inspectors, public administration	26	252	806	682	1 501	1 839	3 354	3 554	3 560	2 906	1 758	758	975	559
Inspectors, except construction; public administration	43	277	2 713	5 226	6 322	7 559	10 615	13 888	12 769	9 256	3 752	2 046	1 873	845
Federal public administration and postal service	43	158	1 752	3 121	3 716	5 350	7 041	9 545	8 314	5 353	1 842	982	650	273
State public administration	—	63	682	1 437	1 566	1 527	2 218	3 023	3 103	2 573	1 423	601	874	273
Local public administration	—	56	279	668	1 040	682	1 356	1 320	1 352	1 330	478	483	349	255
Managers and superintendents, building	91	256	2 015	3 445	2 793	3 358	4 781	5 833	6 683	7 684	3 754	1 694	4 763	4 394
Office managers, n.e.c.	34	421	6 063	15 256	15 720	16 105	18 422	18 295	14 663	12 015	6 147	2 798	2 929	1 741
Officers, pilots, and pursers, ship	166	1 338	1 338	2 070	2 312	2 663	4 266	3 555	3 522	2 794	1 447	521	692	199

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970 — Continued

[Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force — Con.														
Managers and administrators, except farm — Con.														
Officials and administrators, public administration, n.e.c.	133	426	4 601	11 327	15 246	19 514	25 415	33 389	32 952	25 170	10 894	4 861	7 862	4 681
Federal public administration and postal service	16	96	2 317	4 873	7 971	10 620	14 202	19 718	18 801	11 873	3 668	1 724	2 016	572
State public administration	22	39	1 096	3 148	3 400	4 494	6 407	7 451	6 562	5 620	2 563	1 337	2 247	658
Local public administration	95	291	1 188	3 306	3 875	4 400	6 406	7 451	7 546	7 677	4 663	1 800	4 599	3 451
Officials of lodges, societies, and unions	285	233	1 361	2 782	3 453	4 307	5 736	5 546	5 846	5 506	2 202	943	1 383	787
Postmasters and mail superintendents	30	—	80	156	3 502	910	3 222	4 890	5 540	5 006	1 884	696	1 029	112
Purchasing agents and buyers, n.e.c.	236	426	6 936	15 514	15 127	16 529	19 473	20 539	19 727	14 953	6 648	3 132	2 071	444
Railroad conductors	1 512	4 214	18 865	22 226	21 771	22 902	27 783	27 196	24 922	22 331	10 061	4 814	5 886	3 570
Restaurant, cafeteria, and bar managers	552	2 465	17 667	24 092	22 329	19 398	19 825	19 894	14 333	11 929	4 629	1 885	2 576	1 198
Sales managers and department heads, retail trade	136	387	5 994	20 709	32 484	38 319	44 177	39 971	28 913	20 380	7 965	3 827	3 121	238
General merchandise stores	—	67	1 253	2 513	4 130	4 130	4 262	4 669	3 850	2 837	1 150	644	683	514
School administrators, college	125	211	1 088	6 252	14 066	21 396	24 881	20 736	14 124	12 528	5 770	2 486	2 174	42 309
School administrators, elementary and secondary	4 555	13 360	105 692	215 688	258 565	292 460	348 657	346 206	286 684	222 183	100 145	48 643	56 917	42 309
Managers and administrators, n.e.c., salaried	296	783	5 709	14 337	24 864	32 169	41 515	40 336	31 950	23 370	10 096	4 769	6 322	3 823
Construction	92	524	6 994	26 325	39 651	52 449	62 336	63 430	49 935	34 043	13 932	6 159	6 103	4 728
Durable goods manufacturing	149	535	7 331	20 664	25 982	32 445	41 202	34 692	38 578	28 643	12 230	5 993	6 019	4 688
Nondurable goods, incl. not specified manufacturing	37	289	3 145	9 305	11 853	13 878	18 618	18 918	15 839	12 578	6 050	2 622	2 332	1 747
Transportation	22	199	2 922	6 835	8 519	12 160	14 563	15 641	11 033	9 058	4 643	3 162	1 562	816
Communications, and utilities and sanitary services	205	754	6 570	17 727	20 888	25 165	31 666	31 874	28 943	23 914	11 087	5 363	6 169	5 661
Wholesale trade	2 525	7 389	49 741	74 730	71 129	64 713	73 191	69 713	59 881	47 853	21 775	10 345	13 872	9 679
Retail trade	—	140	2 105	3 735	5 352	5 429	6 433	6 600	6 465	4 773	2 101	1 342	1 953	1 327
Hardware, farm equipment, and building material retailing	259	1 102	10 127	12 453	10 102	8 271	8 489	7 768	7 023	5 452	1 794	1 807	2 289	735
General merchandise stores	537	1 630	12 824	19 245	18 107	13 678	14 715	12 728	11 162	9 909	3 370	1 909	1 904	1 361
Food stores	80	5 089	11 626	11 626	11 303	12 558	14 816	14 816	10 997	7 069	3 191	1 447	2 088	1 106
Motor vehicles and accessories retailing	1 275	2 378	7 679	8 892	8 112	7 784	7 784	6 749	5 525	4 866	2 556	1 059	2 066	591
Gasoline service stations	104	505	3 871	4 831	4 437	3 440	4 045	4 435	3 829	3 523	2 105	870	1 533	1 130
Apparel and accessories stores	15	192	1 553	4 037	3 787	4 392	4 418	4 435	4 164	3 538	1 797	824	1 092	937
Furniture, home furnishings, and equipment stores	848	1 443	6 499	11 011	9 929	10 149	11 397	11 767	10 716	8 923	4 861	2 087	2 747	2 492
Other retail trade	255	40	5 749	13 592	15 772	17 580	20 130	17 877	13 314	12 452	5 331	3 123	3 403	3 804
Finance, insurance, and real estate	224	586	5 278	12 818	15 720	16 133	16 814	15 648	11 571	8 163	3 795	1 530	2 452	1 350
Business and repair services	155	380	3 387	5 311	5 946	5 946	6 971	7 934	8 263	7 311	3 248	1 843	3 076	2 278
Personal services	800	1 768	8 866	14 144	18 795	21 022	24 285	23 633	21 243	16 795	7 938	3 734	5 607	3 735
All other industries	639	1 133	14 193	40 408	59 131	75 641	101 871	112 295	113 348	108 048	51 280	25 414	37 279	31 532
Managers and administrators, n.e.c., self-employed	101	181	2 590	8 572	13 259	18 670	22 980	23 678	19 169	14 372	6 075	3 819	4 418	2 756
Construction	58	66	647	1 790	3 014	3 822	4 515	5 697	5 670	4 773	2 127	1 189	1 514	1 237
Durable goods manufacturing	—	56	539	962	1 908	2 372	3 009	3 719	3 434	3 709	1 746	903	1 286	1 359
Nondurable goods, incl. not specified manufacturing	19	20	297	1 072	1 908	1 767	2 748	2 787	2 590	2 580	1 305	472	639	25
Transportation	—	—	40	174	226	143	305	374	374	348	63	121	41	25
Communications, and utilities and sanitary services	27	18	588	2 384	3 051	4 420	6 863	7 397	7 729	8 149	4 002	2 037	2 878	3 042
Wholesale trade	366	494	7 048	18 746	26 313	31 012	43 074	47 883	51 752	52 506	25 732	11 670	17 489	15 283
Retail trade	—	—	114	921	1 585	2 011	3 038	4 261	4 124	4 650	2 187	1 105	1 541	1 518
Hardware, farm equipment, and building material retailing	19	—	97	759	891	1 224	1 586	1 952	2 572	2 798	1 306	766	905	1 221
General merchandise stores	—	54	1 318	3 079	4 874	5 972	9 595	10 801	13 935	15 517	7 097	3 295	5 187	4 520
Food stores	66	23	427	1 187	1 763	2 918	3 545	3 990	3 728	2 999	1 232	381	857	731
Motor vehicles and accessories retailing	104	221	3 369	8 158	11 310	11 006	14 131	12 999	12 478	11 070	5 625	2 521	2 896	1 659
Gasoline service stations	49	19	184	534	537	1 021	1 142	1 895	2 353	2 597	1 451	594	1 081	1 124
Apparel and accessories stores	36	63	450	1 152	1 744	2 516	3 357	3 452	3 145	3 147	1 608	696	1 128	1 119
Furniture, home furnishings, and equipment stores	92	114	1 089	2 956	3 609	4 344	6 680	8 533	9 417	9 728	5 226	2 312	3 894	3 391
Other retail trade	—	—	—	—	1 112	1 649	2 784	2 885	2 885	2 968	1 379	866	1 633	1 684
Finance, insurance, and real estate	—	79	947	2 949	3 879	5 440	6 788	7 073	6 649	5 409	2 379	1 152	2 005	1 416
Business and repair services	—	89	399	1 041	2 082	3 021	4 459	6 762	8 527	8 829	4 503	2 134	3 550	2 363
Personal services	34	130	997	2 080	2 445	3 325	4 374	4 344	4 569	4 405	1 981	1 051	1 826	1 631
All other industries	705	2 186	24 098	26 527	22 040	20 824	23 555	20 199	18 753	15 518	7 571	4 620	5 032	4 072

Includes transportation, communications, and other public utilities—allocated.

32 Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Total, 16 years old and over, shown in table 2, median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Con.														
Sales workers	124 062	125 527	324 618	393 129	334 024	323 516	363 673	363 417	323 901	276 690	134 693	70 692	111 614	94 151
Advertising agents and salesmen	77	342	4 445	7 873	6 484	6 398	7 316	6 438	4 406	3 687	1 783	1 025	1 491	291
Auctioneers	45	21	165	638	454	469	522	522	612	519	206	1 192	243	234
Demonstrators	110	146	637	691	174	469	288	450	364	235	54	—	101	57
Hucksters and peddlers	876	1 845	2 526	2 799	48 931	1 946	2 497	2 754	2 104	1 888	791	888	1 555	1 769
Insurance agents, brokers, and underwriters	237	845	32 175	56 220	48 931	48 494	54 327	52 646	41 099	29 869	14 164	6 687	9 955	9 853
Newsboys	34 216	5 353	3 328	1 759	1 131	1 267	1 960	1 447	1 786	1 661	1 095	7 464	9 335	1 068
Real estate agents and brokers	57	264	4 496	10 949	13 374	15 869	20 224	24 237	23 798	22 727	11 890	7 264	11 520	12 262
Stock and bond salesmen	20	464	5 416	15 376	13 917	11 738	9 921	8 829	6 801	6 269	3 232	2 006	3 848	3 327
Salesmen and sales clerks, n.e.c.	78 947	102 330	244 976	277 324	230 760	221 762	251 999	250 869	228 955	198 572	95 652	48 767	78 194	60 562
Sales representatives, manufacturing industries	1 381	2 408	22 089	56 334	50 231	49 104	51 240	46 766	38 285	30 293	13 383	6 500	8 842	7 102
Sales representatives, wholesale trade	2 312	5 331	43 130	81 104	71 665	65 428	74 929	73 140	65 301	54 647	24 330	11 599	17 216	12 793
Sales clerks, retail trade	66 746	80 197	128 939	74 842	55 247	58 953	64 813	62 306	64 813	63 132	35 007	19 022	33 185	27 714
General merchandise stores	13 679	22 725	34 152	14 157	10 576	8 471	10 902	12 306	12 039	11 238	5 651	2 897	4 167	3 165
Food stores	15 035	17 514	13 405	9 647	7 630	7 753	9 402	10 500	9 992	11 113	6 840	3 307	5 675	4 600
Apparel and accessories stores	19 373	17 654	28 049	9 726	5 932	5 643	6 229	7 376	8 130	8 446	5 272	3 291	5 876	5 323
Other sales clerks, retail trade	26 373	28 304	53 333	41 302	31 109	28 246	32 400	34 570	34 652	32 335	17 224	9 527	17 467	14 626
Salesmen, retail trade	5 697	11 362	38 991	44 322	36 647	38 682	47 079	49 717	44 613	38 639	17 899	8 272	14 505	9 782
Motor vehicles and accessories dealers	1 107	3 931	18 243	23 635	20 292	26 700	27 910	27 910	24 662	18 673	8 486	3 895	4 446	4 103
Salesmen of services and construction	2 811	3 032	11 827	20 722	16 970	18 435	19 398	15 943	15 943	11 861	5 083	3 374	4 446	3 171
Sales workers—allocated	9 477	14 481	26 454	19 500	16 477	15 104	14 860	15 225	13 976	10 763	5 826	3 417	3 772	3 728
Clerical and kindred workers	104 248	212 562	593 646	456 426	333 679	315 829	359 805	373 003	344 071	286 847	136 432	68 307	87 564	64 444
Bank tellers	403	2 304	10 521	6 773	3 019	2 166	1 691	1 826	1 480	2 015	1 583	413	694	376
Billing clerks	205	764	4 043	3 213	1 534	1 275	1 513	1 632	1 647	1 567	729	360	504	408
Bookkeepers	2 015	6 876	40 986	37 938	24 951	23 752	25 631	28 155	24 062	25 431	13 707	7 595	12 205	10 693
Cashiers	21 796	27 150	29 731	9 747	5 622	4 763	5 578	6 239	6 324	7 339	4 162	2 244	3 867	3 607
Clerical assistants, social welfare	—	—	—	64	22	—	22	46	67	51	—	—	20	19
Clerical supervisors, n.e.c.	100	149	2 818	5 845	5 469	7 643	8 639	10 935	9 769	7 319	2 788	1 263	847	351
Collectors, bill and account	316	624	9 429	5 982	3 117	2 265	2 190	2 190	1 660	1 716	1 230	691	1 282	1 045
Counter clerks, except food	3 410	6 220	14 906	9 040	5 466	4 590	4 779	5 135	5 401	5 568	2 880	1 896	3 577	3 174
Dispatchers and starters, vehicle	330	804	3 871	5 841	5 263	5 240	5 998	6 495	6 232	5 144	1 999	1 225	1 218	397
Enumerators and interviewers	224	1 369	3 592	1 867	865	529	963	1 161	864	819	524	538	786	288
Estimators and investigators, n.e.c.	533	1 180	15 439	23 668	19 083	17 628	19 707	19 439	17 799	14 146	6 722	3 109	4 312	2 995
Expeditors and production controllers	349	1 959	19 395	24 688	18 915	17 008	18 930	19 459	16 813	13 689	5 302	2 252	1 449	522
File clerks	4 542	8 392	17 818	6 913	4 794	3 760	3 985	3 985	4 150	3 823	2 338	1 163	1 259	1 328
Insurance adjusters, examiners, and investigators	—	115	6 700	13 565	11 410	9 107	9 429	8 576	5 366	3 621	2 010	855	841	615
Library attendants and assistants	3 562	5 737	10 976	2 353	834	535	675	545	623	478	135	80	310	238
Mail carriers, post office	437	2 961	17 108	19 620	21 101	26 843	37 794	43 534	35 619	20 278	5 375	2 056	2 605	1 253
Mail handlers, except post office	4 237	10 846	16 917	6 436	3 520	3 299	4 456	3 917	4 760	5 659	3 347	1 780	2 468	1 513
Messenger, including telegraph, and office boys	6 616	7 027	7 983	2 270	1 647	1 486	1 655	1 810	2 339	3 123	1 943	1 321	3 819	3 784
Meter readers, utilities	184	1 212	6 374	5 574	3 826	3 274	3 242	2 533	2 157	2 266	829	460	604	258
Office machine operators	2 002	9 538	46 319	33 790	19 066	12 530	10 367	6 316	4 571	3 729	1 607	699	802	738
Bookkeeping and billing machine	191	444	1 765	954	697	674	630	495	451	331	121	84	34	44
Calculating machine	62	170	1 215	564	269	169	175	185	101	57	158	25	44	57
Computer and peripheral equipment	372	4 338	29 105	23 022	11 729	7 025	4 899	2 473	1 653	1 152	192	91	63	54
Duplicating machine	286	1 010	2 429	1 191	670	648	433	508	492	485	291	167	231	122
Keypunch	355	1 512	7 559	5 872	4 078	3 140	2 961	1 764	1 163	921	441	188	93	172
Tabulating machine	60	336	1 445	803	479	326	341	245	63	56	42	42	22	—
Office machine, n.e.c.	676	1 128	2 801	1 384	1 164	548	928	648	638	475	122	122	315	309
Payroll and timekeeping clerks	290	1 140	7 415	5 390	4 405	4 014	5 132	5 519	5 422	4 833	2 633	1 187	1 640	646
Postal clerks	1 615	4 134	17 607	16 415	16 071	21 753	29 075	33 746	33 193	22 089	6 912	2 749	2 591	575
Proofreaders	53	387	1 204	1 699	695	517	604	604	937	865	1 093	505	865	285
Real estate appraisers	—	51	785	1 695	2 011	2 528	2 924	2 990	2 747	2 332	1 093	505	865	1 285
Receptionists	514	2 113	4 301	1 810	783	772	886	1 497	1 073	1 034	673	273	667	674

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text 1.

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Con.														
Clerical and kindred workers—Continued														
Secretaries, legal	926	2 496	8 001	6 565	5 463	5 638	6 068	5 742	6 173	5 503	2 942	2 007	2 753	3 018
Secretaries, medical	19	25	182	266	123	77	146	114	60	131	107	63	—	18
Shipping and receiving clerks	7 107	21 727	60 433	46 192	35 473	31 126	34 342	34 864	35 517	30 862	14 450	6 268	6 287	2 963
Statistical clerks	565	2 646	12 625	11 427	7 790	8 077	9 007	8 866	10 591	7 972	3 858	1 814	2 229	1 239
Stenographers	81	278	720	847	1 022	953	1 242	1 074	805	749	253	164	226	192
Stock clerks and storekeepers	21 062	32 050	60 850	40 437	26 821	26 052	30 092	32 688	33 483	30 471	14 323	7 127	6 644	3 763
Teacher aides, except school monitors	1 287	2 294	5 801	1 690	639	310	334	241	391	414	124	22	339	196
Telephone operators	66	129	858	1 134	888	1 110	1 512	1 346	856	599	480	140	222	176
Ticket, station, and express agents	780	2 361	4 500	1 966	2 082	1 869	2 160	2 160	1 595	1 578	832	404	742	457
Typists	163	702	8 128	13 396	8 881	7 229	7 007	6 291	4 168	3 542	1 921	1 104	741	526
Weighters	1 825	5 040	14 622	8 382	5 265	5 269	4 505	3 826	3 619	3 182	1 434	984	777	758
Miscellaneous and not specified clerical workers	398	1 204	3 304	2 783	2 503	2 443	3 135	2 935	2 866	3 092	1 877	792	902	440
Occupation:	10 522	19 970	60 867	44 350	31 979	30 025	34 481	35 542	32 415	28 383	15 843	8 916	11 638	8 842
Miscellaneous clerical workers	3 159	6 763	24 841	23 022	15 805	16 129	17 301	17 019	15 301	13 172	6 994	3 679	4 226	3 247
Not specified clerical workers	7 363	13 207	36 026	21 328	16 174	13 896	17 180	18 523	17 114	15 211	8 849	5 237	7 412	5 595
Industry:	1 378	2 319	12 400	12 052	9 103	9 219	9 673	9 454	9 124	6 983	3 747	1 717	1 446	1 232
Manufacturing	344	1 461	7 143	7 369	5 945	6 063	6 958	7 450	6 394	4 770	3 335	1 814	1 431	655
Transportation, communications, and other public utilities	4 511	5 589	10 774	6 777	5 181	3 797	4 546	5 080	4 170	4 581	1 986	1 343	2 609	2 684
Wholesale and retail trade	955	3 011	10 014	6 033	3 254	2 410	1 967	2 105	2 899	2 899	1 765	1 266	1 394	867
Finance, insurance, and real estate	1 694	4 282	10 565	4 265	2 302	2 030	2 641	1 876	2 316	1 631	1 778	553	1 124	783
Professional and related services	439	1 576	4 465	3 692	3 609	3 958	6 648	6 633	5 836	5 035	2 656	978	1 883	934
Public administration	1 201	1 732	5 506	4 162	2 585	2 548	2 951	3 082	2 470	2 484	1 576	1 245	1 751	1 687
All other industries	5 733	18 583	36 697	26 027	21 569	18 415	19 793	19 124	16 517	11 691	6 948	3 811	4 123	4 702
Clerical and kindred workers—allocated	77 156	235 235	1 004 208	1 264 780	1 162 581	1 149 822	1 280 322	1 282 278	1 167 408	959 092	445 703	209 789	204 890	115 084
Craftsmen and kindred workers	196	367	1 061	1 065	1 126	1 465	1 723	1 639	330	419	128	64	144	38
Automobile accessories installers	2 079	2 800	6 367	7 398	7 296	8 043	9 088	8 620	8 529	8 593	5 148	1 980	2 163	1 327
Bakers	757	1 939	5 615	6 265	6 238	6 319	7 242	7 536	6 564	7 280	3 406	1 868	2 655	2 205
Cabinetmakers	1 030	2 427	9 166	10 535	6 572	4 743	4 032	2 718	2 553	1 298	366	333	368	168
Carpet installers	20 695	64 269	274 137	336 113	321 545	328 980	359 854	340 931	332 123	281 449	137 263	65 287	69 980	36 035
Construction craftsmen	1 335	4 122	15 965	20 834	21 306	23 733	26 964	23 150	15 159	11 804	6 257	3 584	3 501	1 543
Brickmasons and stonemasons	1 155	522	1 350	658	232	234	191	226	168	154	43	47	—	—
Brickmasons and stonemasons, apprentices	589	1 941	8 642	10 677	11 807	12 467	12 548	11 904	11 103	7 944	3 804	1 405	1 142	645
Buildozer operators	6 714	21 417	80 315	91 719	86 540	89 444	102 574	111 574	114 235	98 234	47 583	22 705	26 829	16 122
Carpenters	481	2 232	4 877	1 442	314	95	131	68	58	42	20	—	17	20
Carpenter apprentices	480	1 571	6 701	8 631	9 738	10 342	10 513	9 790	7 872	6 092	2 390	1 224	1 465	375
Cement and concrete finishers	1 096	7 429	50 674	67 951	57 495	56 711	59 671	57 914	48 978	39 480	19 466	8 795	7 580	3 614
Electricians	368	2 445	10 529	5 493	1 512	408	353	257	333	144	42	62	—	50
Electrician apprentices	794	3 518	19 421	27 218	31 233	31 897	33 361	31 911	26 660	23 583	10 905	4 060	3 343	1 091
Excavating, grading, and road machine operators; except bulldozer	232	693	2 145	2 883	2 426	2 456	3 023	2 536	2 333	1 736	561	406	502	96
Floor layers, except tile setters	6 335	10 786	30 726	31 789	31 615	33 105	36 787	37 498	40 865	38 367	20 204	10 523	12 887	6 727
Painters, construction and maintenance	86	285	836	250	61	39	21	20	41	42	43	—	—	20
Painter apprentices	20	74	423	654	642	928	899	987	1 084	1 577	642	661	713	389
Plasterers	221	719	1 924	2 506	2 830	3 837	4 537	4 655	3 581	2 284	1 568	910	1 025	330
Plasterer apprentices	41	125	195	119	—	19	21	22	—	22	35	—	23	—
Plumber and pipe fitters	1 293	6 602	36 637	46 437	43 448	41 899	47 333	51 012	45 070	37 589	18 407	8 395	8 795	4 113
Plumber and pipe fitter apprentices	465	1 441	3 685	3 881	3 927	244	129	176	116	141	—	23	631	49
Roofers and slaters	958	3 103	9 151	9 832	7 967	7 979	7 413	5 206	4 499	3 914	1 659	928	631	405
Structural metal craftsmen	230	1 471	8 493	11 034	10 244	9 117	9 202	8 763	7 856	6 447	3 045	1 240	1 014	392
Tile setters	398	823	2 920	3 948	4 259	4 663	5 029	4 031	2 828	2 398	772	451	553	193

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2, median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text!

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Con.														
Craftsmen and kindred workers—Continued														
Cronemen, derrickmen, and hoistmen	363	2 137	11 410	16 196	17 199	18 655	22 139	22 873	20 344	16 190	6 284	2 649	1 685	545
Decorators and window dressers	691	1 487	5 144	3 924	3 563	2 501	3 226	2 493	2 081	2 227	1 230	2 489	990	671
Dental laboratory technicians	227	2 428	2 530	2 825	2 593	1 483	2 515	2 493	2 200	1 820	939	327	682	257
Electric power linemen and cablemen	234	1 963	12 968	19 025	16 006	14 017	14 751	9 043	6 629	4 468	1 977	1 041	319	200
Engravers, except photoengravers	298	365	978	702	552	581	513	500	473	570	276	120	126	200
Foremen, n.e.c.	1 243	5 678	54 138	133 752	168 766	185 089	219 468	218 356	198 396	157 544	67 708	29 532	19 810	8 840
Construction	151	5 077	5 427	13 413	21 064	21 188	24 767	23 681	19 646	15 000	6 817	3 055	3 011	993
Manufacturing	477	2 997	30 057	82 565	101 899	110 479	127 026	123 601	114 863	91 797	36 996	13 154	8 271	3 981
Metal industries	53	468	3 971	11 686	15 779	17 689	20 370	21 530	22 249	17 609	6 673	2 580	1 273	509
Machinery, except electrical	66	105	2 509	8 409	11 306	11 091	12 526	13 967	12 188	9 410	3 658	1 486	930	433
Electrical machinery, equipment, and supplies	20	213	3 179	9 208	10 321	11 464	11 606	10 273	8 318	6 318	2 427	842	407	232
Transportation equipment	113	196	2 245	10 098	12 506	14 829	17 385	17 159	16 478	10 528	3 411	1 326	577	192
Other durable goods	29	606	4 824	12 450	15 542	16 197	18 992	18 599	16 170	13 361	5 705	2 354	1 489	754
Food and kindred products	101	392	2 532	6 000	7 029	8 477	9 209	8 072	6 092	6 489	2 982	1 365	696	338
Textiles, textile products, and apparel	95	836	7 299	17 899	22 583	23 178	27 628	26 081	23 386	20 229	8 845	3 493	1 102	636
Other nondurable goods, including not specified manufacturing	—	102	2 242	5 609	6 229	7 100	9 512	10 510	10 731	9 227	4 484	2 125	1 388	887
Communications, and utilities and sanitary services	—	125	1 027	3 164	5 949	10 199	14 893	14 276	11 309	9 099	4 987	2 699	1 820	444
Wholesale and retail trade	308	1 174	9 661	18 041	19 354	18 863	20 636	20 291	23 343	14 612	6 348	3 688	3 065	324
All other industries ¹	307	773	5 724	10 960	14 271	17 260	22 634	25 997	23 343	17 809	8 076	3 688	3 255	1 413
Furniture and wood finishers	333	692	1 895	4 610	6 110	7 500	10 158	11 887	10 179	9 171	3 446	2 411	716	647
Furriers	—	—	43	155	60	108	138	361	241	289	518	390	388	261
Glaziers	149	826	2 731	3 426	3 212	3 241	3 339	2 753	2 111	1 793	1 072	423	209	764
Inspectors, scalers, and graders, log and lumber	86	499	1 649	1 459	1 618	1 518	1 861	1 591	2 232	1 837	7 072	3 995	2 346	522
Inspectors, n.e.c.	109	1 258	7 719	10 911	9 980	10 599	13 319	14 318	14 929	12 199	7 072	3 995	2 346	329
Construction	21	354	2 177	2 930	2 663	2 209	2 349	2 502	2 507	2 128	1 290	1 267	732	270
Railroads and railway express service	—	183	1 230	1 258	1 369	1 886	3 361	3 196	4 376	3 103	2 166	1 267	395	—
Jewelers and watchmakers	251	546	1 781	2 139	1 666	2 004	3 932	5 233	5 230	3 452	2 138	1 145	2 000	631
Locomotive engineers	—	48	1 657	1 266	1 687	2 704	6 038	8 252	12 270	8 341	4 028	2 640	1 967	476
Locomotive firemen	21	380	1 849	2 089	1 473	1 633	1 479	1 173	869	1 198	283	309	190	43
Mechanics and repairmen	27 395	70 920	268 694	338 251	287 709	267 267	293 287	284 567	250 636	197 118	84 318	39 673	37 077	18 847
Air conditioning, heating, and refrigeration	1 031	2 340	11 194	16 150	14 605	14 267	15 836	14 755	12 606	9 445	3 840	1 861	2 000	948
Aircraft	319	1 146	12 852	22 788	17 498	18 336	17 016	21 581	17 365	10 806	3 356	1 153	972	200
Automobile body repairmen	1 913	4 372	16 810	17 798	14 225	11 368	12 158	11 510	8 528	6 641	2 329	1 906	953	349
Automobile mechanics	12 632	36 440	107 648	113 622	95 348	85 598	91 581	86 396	75 929	60 060	25 882	12 021	12 493	6 172
Automobile mechanic apprentices	737	1 115	969	310	58	58	48	21	21	—	—	—	—	—
Data processing machine repairmen	40	197	4 948	10 767	6 438	4 068	2 438	1 266	736	399	108	601	47	21
Farm implement	594	1 333	3 717	4 323	3 312	2 892	3 312	3 661	3 190	2 700	1 252	1 815	1 258	378
Heavy equipment mechanics, including diesel	3 009	8 982	47 323	70 612	66 962	64 370	73 150	71 468	69 670	56 282	23 766	11 815	8 665	4 024
Household appliance and accessory installers and mechanics	1 164	2 751	11 492	15 424	13 984	15 053	17 432	14 341	12 573	8 849	4 399	2 068	2 034	1 320
Loom fixers	20	80	976	2 623	2 238	2 079	2 334	2 516	3 300	1 579	1 529	452	270	153
Office machine	216	976	5 884	9 786	6 894	3 520	3 358	3 358	2 338	1 996	671	261	467	233
Radio and television	2 540	3 781	15 345	18 557	15 675	16 210	19 683	16 680	11 802	9 340	3 641	1 802	1 997	1 083
Railroad and car shop	18	932	4 032	4 607	3 838	4 255	7 231	7 893	8 042	6 970	3 855	1 999	1 111	194
Mechanics, except auto, apprentices	252	724	2 634	1 538	779	243	420	196	212	40	47	20	21	—
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	3 384	5 888	20 627	22 564	19 390	17 081	18 930	19 573	17 040	13 515	6 616	3 353	3 870	2 859
Manufacturing	180	838	5 219	6 791	6 174	5 445	6 602	6 536	5 278	4 042	1 656	1 851	427	219
Not specified mechanics and repairmen	515	1 682	5 846	8 630	7 046	7 752	8 666	9 506	7 476	7 406	3 074	1 383	940	943
Manufacturing	154	524	2 184	3 560	2 732	3 163	3 108	3 714	2 613	2 393	1 349	450	268	135
Metal craftsmen, except mechanics	4 022	20 765	105 312	135 626	113 443	108 891	125 266	143 409	135 967	113 579	48 499	20 517	17 992	8 711
Blacksmiths	18	146	657	785	993	723	977	1 142	1 222	1 236	730	416	600	695
Boilermakers	19	488	2 025	3 333	2 800	2 553	4 098	4 237	4 317	3 699	1 835	763	776	340

¹Includes transportation, communications, and other public utilities—allocated.

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Con.														
Craftsmen and kindred workers—Continued														
Metal craftsmen, except mechanics—Continued	85	453	1 604	2 073	1 494	1 663	1 435	2 390	1 562	1 646	464	303	208	145
Forgemen and hammermen	42	323	2 285	2 496	2 192	1 778	2 264	2 648	2 497	2 740	1 276	1 277	321	69
Heat treaters, annealers, and temperers	128	851	6 404	9 848	9 425	10 273	10 621	11 090	10 863	8 935	3 327	1 277	966	269
Job and die setters, metal	1	626	39 925	49 844	38 302	35 517	40 174	45 720	44 202	38 936	18 098	7 288	6 493	3 243
Machinists	363	1 795	4 079	1 885	601	207	282	174	162	84	82	1 671	1 083	19
Machinist apprentices	53	428	3 416	7 339	8 003	8 166	10 456	12 711	12 842	10 893	3 713	1 671	1 083	256
Millwrights	209	1 752	5 763	6 233	5 387	5 971	5 971	5 813	5 492	3 617	1 430	609	355	129
Molders, metal	19	110	223	96	57	67	21	—	23	42	—	—	—	—
Molder apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pattern and model makers, except paper	90	350	2 281	3 567	3 746	4 006	4 560	5 259	5 836	4 345	1 704	811	685	631
Rollers and finishers, metal	109	233	1 442	1 711	1 916	2 233	2 421	2 711	2 863	2 507	835	382	98	57
Sheetmetal workers and fitters	978	3 842	18 863	22 019	18 247	16 249	18 428	20 288	17 054	12 879	5 666	2 538	2 402	934
Sheetmetal apprentices	116	617	3 486	1 195	138	25	—	75	21	18	19	—	—	—
Shipfitters	17	180	1 200	1 363	1 017	976	960	1 391	1 313	1 115	561	117	180	72
Tool and die makers	648	3 114	19 447	25 015	19 921	19 503	22 901	28 009	25 704	21 031	8 860	3 806	3 825	1 871
Tool and die maker apprentices	189	1 329	4 398	2 320	507	226	81	81	101	63	—	—	—	—
Millers, grain, flour, and feed	145	276	702	526	572	704	701	845	759	1 096	484	236	160	165
Motion picture projectionists	1 257	1 353	1 892	928	1 556	529	891	781	1 149	1 436	1 204	752	1 401	1 174
Opticians, and lens grinders and polishers	327	693	2 452	3 252	2 147	2 285	2 285	2 720	2 509	2 089	703	400	372	318
Piano and organ tuners and repairmen	88	135	468	388	434	556	727	693	771	985	314	248	540	785
Power station operators	—	106	1 665	1 665	1 860	2 324	2 324	2 601	2 372	1 968	991	527	110	78
Printing craftsmen	3 972	13 029	41 083	45 600	41 694	37 325	40 146	32 200	26 695	25 497	13 246	6 941	7 573	3 850
Bookbinders	293	822	1 764	2 132	2 018	1 629	1 510	1 363	1 130	1 309	651	191	247	309
Compositors and typesetters	1 768	5 840	15 823	15 598	15 602	14 317	15 410	13 497	11 314	12 132	6 669	3 947	3 978	2 283
Printing trades apprentices, except pressmen	445	1 513	2 626	888	290	46	81	113	47	39	67	17	—	—
Electrotypers and stereotypers	22	108	263	433	634	969	1 230	913	577	486	362	212	363	49
Photographers and lithographers	140	530	2 690	4 539	3 436	3 876	4 286	3 386	2 817	2 238	1 000	483	535	254
Pressmen and plate printers, printing	1 749	5 659	20 543	22 898	20 004	16 534	17 710	13 041	10 857	9 312	4 564	2 108	2 450	955
Pressman apprentices	129	288	1 345	618	310	132	36	17	—	19	—	—	—	—
Shoe repairmen	289	418	863	1 556	1 436	1 567	2 250	2 536	2 836	3 306	1 907	1 328	1 925	2 561
Sign painters and letterers	400	472	1 430	1 463	1 217	1 386	1 364	2 061	2 392	2 301	1 164	618	816	813
Stationary engineers	254	1 456	8 182	14 172	15 066	15 510	20 486	24 060	24 863	24 325	12 700	5 376	5 338	2 327
Stone cutters and stone carvers	61	273	707	694	429	614	844	771	599	430	218	201	232	165
Tailors	239	1 126	2 971	3 889	4 093	3 963	4 343	5 609	5 650	5 363	3 935	1 503	2 930	3 768
Telephone installers and repairmen	472	8 111	42 278	44 153	31 263	31 906	28 156	24 019	11 821	5 312	2 964	1 191	499	348
Telephone linemen and splicers	196	2 451	13 581	11 305	7 187	6 321	4 798	3 279	1 807	934	298	1 111	116	18
Upholsterers	630	1 483	5 117	5 711	5 276	5 046	5 778	5 778	5 654	5 289	2 538	1 514	1 660	1 203
Craftsmen and kindred workers, n.e.c.	1 438	4 092	13 191	10 028	7 166	7 018	7 526	8 560	7 517	7 450	3 234	1 196	1 740	1 171
Former members of the Armed Forces	107	1 401	22 696	5 856	520	800	1 143	1 459	1 401	347	83	18	63	19
Craftsmen and kindred workers—allocated	7 102	18 566	69 817	78 872	68 247	61 832	62 412	64 568	61 557	47 783	25 364	14 088	16 745	13 276
Operatives, except transport	202 965	413 153	976 825	880 507	701 020	619 576	662 178	672 281	627 785	557 472	246 983	110 380	101 548	57 205
Asbestos and insulation workers	183	741	3 334	3 792	3 492	3 118	3 159	2 742	2 052	1 782	650	155	171	14
Assemblers	7 135	31 971	100 742	86 538	56 823	45 924	45 794	45 226	40 034	34 044	14 293	6 270	4 598	2 182
Blasters and powdermen	39	185	755	1 051	826	703	929	1 035	792	951	254	112	110	29
Bottling and canning operatives	783	2 327	4 716	3 465	2 616	2 653	3 137	3 723	3 839	3 107	1 458	590	286	267
Chainmen, rodmen, and oxmen, surveying	365	1 832	3 799	1 773	806	694	586	585	549	571	332	96	120	162
Checkers, examiners, and inspectors, manufacturing	1 487	8 825	43 672	49 363	38 729	35 808	42 058	45 735	42 812	37 909	16 248	5 823	4 141	1 743
Clothing ironers and pressers	817	1 840	3 675	4 110	3 911	4 205	5 397	6 817	5 916	5 945	3 310	1 521	1 696	968
Cutting operatives, n.e.c.	1 801	6 483	18 596	16 147	13 284	12 375	13 593	14 284	12 611	12 986	5 423	2 129	2 291	1 110
Dressmakers and seamstresses, except factory	155	149	356	275	268	273	626	469	403	501	299	71	199	403
Drillers, earth	242	2 038	6 833	7 606	6 974	7 495	7 048	6 452	5 069	4 439	2 117	929	832	369
Dry wall installers and lathers	809	1 736	7 665	9 964	8 180	6 914	4 849	3 657	2 196	1 233	795	430	332	87
Dyers	449	1 465	3 338	3 034	2 146	1 959	2 064	2 334	2 207	1 770	744	350	584	110
Garage workers and gas station attendants	93 703	94 919	77 632	33 307	22 029	18 262	19 505	18 092	17 575	16 310	8 720	4 821	8 280	5 342

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text!

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Con.														
Operatives, except transport—Continued														
Graders and sorters, manufacturing.....	603	1 179	1 810	1 533	1 100	1 401	1 143	1 265	1 241	1 250	678	325	389	291
Produce graders and packers, except factory and farm.....	818	972	1 979	521	454	445	631	827	503	629	549	255	395	122
Laundry and drycleaning operatives, n.e.c.....	3 353	4 347	6 441	4 734	4 911	5 157	6 324	6 546	6 314	7 074	3 203	1 925	3 063	1 395
Meat cutters and butchers, except manufacturing.....	3 784	7 789	19 768	23 368	22 057	17 274	20 832	19 826	19 057	10 151	10 151	4 307	5 358	3 482
Meat cutters and butchers, manufacturing.....	488	1 426	6 051	6 888	6 136	6 045	6 056	5 153	4 653	4 192	1 681	986	576	467
Meat wrappers, retail trade.....	665	606	564	230	185	198	140	189	177	70	45	45	17	19
Metalworking operatives, except precision machine.....	6 655	31 802	113 548	121 689	104 277	87 632	94 334	97 520	89 071	77 136	30 388	12 223	10 037	4 856
Fillers, polishers, sanders, and buffers.....	2 462	4 986	12 133	11 359	9 627	8 238	9 893	9 937	10 154	9 975	4 556	1 796	2 035	1 304
Furnacemen, smelters, and pourers.....	200	2 044	6 523	7 259	7 121	6 097	7 322	7 840	7 464	6 882	2 158	1 899	715	1 439
Heaters, metal.....	41	102	482	463	455	362	798	1 213	1 264	1 204	410	142	93	71
Metal platers.....	265	1 338	4 889	4 247	3 707	2 846	3 079	3 170	2 647	2 546	1 002	471	344	123
Punch and stamping press operatives.....	508	17 872	17 063	17 063	15 040	12 020	12 540	12 202	12 371	9 260	4 295	1 732	981	457
Riveters and fasteners.....	518	2 257	2 801	2 173	1 694	1 356	1 281	1 427	1 067	1 079	505	242	156	18
Solders.....	126	235	1 240	918	674	674	698	690	690	512	399	65	104	42
Welders and flame-cutters.....	2 537	15 759	67 608	78 207	65 946	56 019	58 777	60 942	53 414	45 678	17 063	6 876	5 609	2 402
Milliners.....	43	17	21	42	20	20	—	—	18	16	19	20	—	—
Mine operatives, n.e.c.....	1 060	6 042	20 972	21 481	18 258	17 097	18 350	17 902	16 656	13 911	5 724	2 199	1 354	656
Coal mining.....	1 112	8 859	4 467	5 293	4 418	4 491	5 833	7 001	7 110	6 021	1 941	626	419	158
Crude petroleum and natural gas extractions.....	841	3 477	10 130	7 815	8 703	7 815	7 351	6 407	5 170	4 710	2 009	937	510	303
Mining and quarrying, except fuel.....	107	1 706	6 270	6 058	5 137	4 791	5 166	4 494	4 371	3 180	1 774	636	425	195
Mixing operatives.....	712	3 392	9 708	8 635	7 165	6 920	7 544	7 056	6 891	6 220	2 374	1 025	766	404
Oilers and greasers, except auto.....	382	1 272	5 116	4 379	4 675	4 449	5 274	5 435	5 182	6 205	2 568	1 177	693	270
Packers and wrappers, except meat and produce.....	12 890	21 654	39 200	23 322	18 134	14 996	16 437	16 665	17 247	15 165	6 603	3 332	3 440	1 975
Painters, manufactured articles.....	1 519	6 057	14 168	15 051	11 851	10 222	10 914	10 121	8 866	8 383	3 709	1 631	1 346	397
Photographic process workers.....	1 229	2 358	6 316	5 727	3 762	3 063	3 255	3 376	2 683	1 609	249	249	546	335
Precision machine operatives.....	2 193	14 508	50 325	55 250	41 176	34 433	38 406	43 454	43 652	39 915	15 990	6 501	4 926	2 469
Drill press operatives.....	496	3 255	9 962	8 142	6 201	4 177	5 101	5 527	5 749	5 783	2 447	1 062	685	525
Grinding machine operatives.....	681	4 688	15 383	16 107	12 428	11 844	13 129	15 794	16 200	14 206	5 912	2 152	1 709	889
Lathe and mixing machine operatives.....	650	4 109	17 127	20 983	15 603	12 083	13 528	14 715	14 806	13 105	5 152	2 245	1 883	792
Precision machine operatives, n.e.c.....	366	2 456	7 853	10 018	6 944	6 329	6 648	7 418	6 897	6 821	2 479	1 042	649	263
Sailors and deckhands.....	411	1 393	3 815	3 135	2 715	2 283	4 261	4 597	2 765	2 613	1 136	430	415	158
Sawyers.....	856	3 974	12 120	10 841	9 674	9 454	9 457	11 085	10 817	9 798	5 424	2 184	2 679	945
Sewers and stitchers.....	1 281	2 910	6 047	6 412	5 302	5 496	5 554	5 904	5 071	4 834	3 084	1 631	2 376	1 970
Shoemaking machine operatives.....	1 156	1 509	3 430	2 974	2 411	2 453	2 300	1 997	2 103	2 219	1 041	399	470	342
Stationary firemen.....	259	914	5 624	7 471	8 318	6 354	10 254	11 512	12 385	13 089	6 603	3 472	2 803	1 351
Textile operatives.....	5 707	13 215	30 249	26 598	18 015	17 509	18 968	20 279	18 362	18 203	8 726	3 348	2 978	1 158
Carding, lapging, and combing operatives.....	523	525	1 499	1 740	1 317	1 428	1 664	1 803	1 661	1 701	794	192	373	110
Knitters, loopers, and toppers.....	280	632	1 651	1 377	1 177	1 073	1 208	1 186	906	1 251	409	240	143	71
Spinners, twistars, and winders.....	2 071	4 635	9 916	8 309	5 484	4 986	5 531	5 090	4 052	4 060	2 126	761	682	283
Weavers.....	211	884	2 991	2 878	2 267	2 051	2 344	2 513	2 242	2 493	1 285	640	361	206
Textile operatives, n.e.c.....	2 622	6 539	14 192	12 294	7 770	7 971	8 221	9 687	9 501	8 698	4 112	1 515	1 419	488
Winding operatives, n.e.c.....	333	1 155	4 912	4 483	3 448	3 112	3 059	3 406	2 896	2 005	782	302	321	81
Miscellaneous and not specified operatives.....	33 537	101 343	281 744	255 243	203 223	182 797	190 117	187 803	175 221	150 513	64 443	29 241	22 424	11 843
Occupation:														
Machine operatives, miscellaneous specified.....	9 649	34 887	110 034	104 445	84 349	76 800	80 439	79 772	73 763	63 315	28 026	11 843	8 642	4 652
Machine operatives, not specified.....	3 446	20 075	63 400	64 302	49 063	43 083	42 392	42 089	40 069	32 776	12 784	6 023	3 621	2 125
Miscellaneous operatives.....	16 377	33 293	75 732	58 275	47 738	41 355	44 684	42 782	39 655	15 799	7 674	7 674	6 677	3 265
Not specified operatives.....	4 065	13 088	32 578	28 221	22 053	21 539	22 602	23 160	21 734	18 911	7 834	3 701	3 484	1 801

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Con.														
Operatives, except transport—Continued														
Miscellaneous and not specified operatives—Continued														
Industry:														
Manufacturing														
Durable goods	19 948	79 250	235 502	218 509	174 006	155 582	160 725	159 625	148 339	127 892	53 739	23 421	16 348	8 667
Lumber and wood products, except furniture	9 097	44 688	137 690	125 998	99 099	89 642	94 469	93 945	88 375	76 643	32 375	14 255	9 638	5 128
Furniture and fixtures	1 132	4 212	9 400	7 696	6 281	5 845	5 734	6 281	5 799	6 576	2 883	1 645	1 324	645
Stone, clay, and glass products	673	2 514	5 628	4 202	3 964	3 438	3 396	3 199	3 214	3 253	1 686	925	576	271
Glass and glass products	663	3 922	11 618	10 692	8 941	8 041	9 057	8 822	8 330	7 391	3 685	1 134	1 176	294
Cement, concrete, gypsum, and plaster products	135	5 513	4 373	4 369	3 959	3 533	3 318	2 895	2 330	2 192	885	304	209	127
Other stone, clay, and glass products	183	697	2 851	2 097	2 321	1 818	2 318	2 350	2 241	2 112	755	392	392	121
	345	1 712	4 394	4 226	3 545	3 590	3 421	3 777	4 059	3 087	1 415	461	575	46
Primary metal industries	584	6 195	21 050	21 027	17 919	17 114	19 296	20 017	18 740	14 844	6 632	2 420	1 316	741
Blast furnaces, steelworks, and rolling and finishing mills	98	1 968	6 604	5 419	5 702	6 680	7 067	8 797	7 558	6 330	2 780	1 186	346	169
Other primary iron and steel industries	200	2 192	6 390	6 435	5 285	4 749	5 466	4 869	5 379	4 240	1 782	551	443	227
Primary nonferrous industries	286	2 035	8 056	9 173	6 932	5 685	6 763	6 351	5 803	4 274	2 070	683	527	345
Fabricated metal industries, including not specified metal	1 154	6 487	17 959	14 019	11 651	11 295	11 289	10 714	9 744	8 492	3 584	1 686	1 161	976
Cutlery, hand tools, and other hardware	108	5 777	17 770	12 224	7 772	10 058	9 884	10 092	9 909	9 983	4 475	1 660	247	146
Fabricated structural metal products	364	1 924	4 132	3 720	3 141	3 111	2 905	2 608	2 720	2 374	875	600	188	128
Screw machine products, & metal stamping	210	1 332	3 236	2 157	2 364	1 384	1 913	1 794	1 804	1 594	722	308	127	247
Miscellaneous fabricated metal products and not specified metal	472	2 654	8 820	6 918	5 574	5 742	5 487	5 220	4 311	3 541	1 512	618	599	455
Machinery, except electrical	1 595	6 552	20 978	20 413	13 860	11 588	12 128	13 195	12 860	10 761	4 347	1 907	1 410	597
Form machinery and equipment	159	355	1 309	1 413	1 264	1 104	1 518	1 348	1 171	1 164	375	23	46	22
Construction & material handling machines	68	719	3 004	2 993	2 170	2 278	1 538	1 786	1 424	1 424	471	266	99	63
Metalworking machinery	429	1 330	3 526	4 092	2 382	1 858	2 321	2 405	2 439	2 059	845	520	315	155
Office and accounting machines, and electronic computing equipment	18	477	1 904	1 240	1 043	747	945	784	894	646	193	26	100	—
Other machinery, except electrical	921	3 671	11 235	10 675	7 001	5 601	5 806	6 872	6 663	5 468	2 643	1 072	850	357
Electrical machinery, equipment, and supplies	855	4 490	15 445	14 103	9 743	9 167	10 654	9 493	8 090	7 027	2 645	1 306	708	373
Household appliances	82	525	1 939	1 705	1 037	1 037	1 625	1 617	1 018	1 197	444	143	118	102
Radio, T.V., and communication equipment	164	1 010	3 821	3 388	2 582	2 256	2 345	1 915	1 390	1 317	407	256	96	38
Electrical machinery, equipment, and supplies, n.e.c.	513	2 718	8 723	8 284	5 129	5 299	5 908	5 373	5 061	3 979	1 581	843	456	214
Not specified electrical machinery, equipment, and supplies	96	237	962	726	680	575	776	588	621	534	213	64	38	19
Transportation equipment	750	5 730	21 470	21 809	16 513	14 871	14 604	13 315	13 625	11 603	4 104	1 582	779	357
Motor vehicles & motor vehicle equipment	173	3 035	12 088	12 288	9 512	8 545	8 139	7 853	7 314	6 839	2 179	592	216	104
Aircraft and parts	39	787	4 339	5 703	4 629	3 938	4 498	3 733	4 255	3 228	1 240	621	342	174
Other transportation equipment	538	1 908	5 043	3 818	2 372	2 348	1 967	1 729	2 036	1 536	685	369	221	79
Professional and photographic equipment, and watches	187	757	3 415	3 015	2 338	1 762	1 984	2 078	1 785	1 557	973	373	88	116
Professional equipment and supplies	168	613	1 910	1 503	1 298	1 298	1 270	1 206	1 221	1 136	578	160	70	53
Ordnance	115	543	2 908	2 765	2 119	1 463	1 640	1 731	1 463	1 208	515	122	22	42
Miscellaneous manufacturing industries	1 334	3 139	6 996	5 716	4 346	3 821	4 281	4 604	4 078	3 689	1 956	1 058	997	716
Durable goods—allocated	55	147	825	541	495	350	406	496	347	242	166	97	81	—
Nondurable goods	10 683	33 686	95 694	90 895	73 429	64 984	65 276	64 386	58 764	50 589	20 704	9 061	6 499	3 454
Food and kindred products	3 406	8 014	17 889	16 189	15 069	14 144	14 545	14 926	14 557	13 187	5 154	2 638	2 480	1 110
Meat products	777	3 957	8 871	3 957	3 196	3 037	3 303	3 170	3 235	2 588	857	432	369	289
Dairy products	499	1 245	2 880	2 548	2 543	1 892	2 703	2 470	2 370	1 586	870	192	286	101
Canning and preserving fruits, vegetables, and seafoods	615	1 195	2 283	1 985	1 493	1 761	1 663	1 499	1 717	1 972	789	441	539	44
Bakery products	614	1 445	1 842	1 459	1 588	1 183	1 240	880	1 134	714	288	134	60	189
Beverage industries	101	1 347	1 379	1 283	1 260	1 240	1 365	1 500	1 566	1 378	558	289	278	36
Other food and kindred products	800	2 133	5 606	4 957	4 819	5 031	4 269	5 407	4 759	4 979	1 792	1 150	786	451

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States		16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Con.															
Operatives, except transport—Continued															
Miscellaneous and not specified operatives—Continued															
Industry—Continued															
Manufacturing—Continued															
Nondurable goods—Continued															
Tobacco manufactures.....															
Apparel and other fabricated textile products.....															
Apparel and accessories.....															
Miscellaneous fabricated textile products.....															
Paper and allied products.....															
Pulp, paper, and paperboard mills.....															
Miscellaneous paper and pulp products.....															
Paperboard containers and boxes.....															
Printing, publishing, and allied industries.....															
Printing, publishing, and allied industries, except newspapers.....															
Chemicals and allied products.....															
Industrial chemicals.....															
Synthetic fibers.....															
Soaps and cosmetics.....															
Other chemicals and allied products.....															
Petroleum and coal products.....															
Rubber and miscellaneous plastic products.....															
Rubber products.....															
Miscellaneous plastic products.....															
Leather and leather products.....															
Tanned, curried, and finished leather.....															
Footwear, except rubber.....															
Leather products, except footwear.....															
Nondurable goods—allocated.....															
Not specified manufacturing industries.....															
Nonmanufacturing industries.....															
Construction.....															
Railroads and railway express service.....															
Transportation, except railroads.....															
Communications, and utilities and sanitary services.....															
Wholesale trade.....															
Retail trade.....															
Business and repair services.....															
Public administration.....															
All other industries ¹															
Operatives, except transport—allocated.....															
Transport equipment operatives															
Boatmen and canalmen.....															
Bus drivers.....															
Conductors and motormen, urban rail transit.....															
Deliverymen and roulemen.....															
Fork lift and tow motor operatives.....															
Motormen; mine, factory, logging camp, etc.....															
Parking attendants.....															
Railroad brakemen.....															
Railroad switchmen.....															
Taxicab drivers and chauffeurs.....															
Truck drivers.....															
Trucking service.....															
Transport equipment operatives—allocated.....															

¹Includes transportation, communications, and other public utilities—allocated.

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Male experienced civilian labor force—Con.														
Occupation:														
Industry:														
Manufacturing	333 667	356 196	520 405	340 196	267 023	256 357	274 785	270 747	264 588	245 834	119 602	59 170	74 350	50 165
Durable goods	4 295	2 870	5 254	3 054	2 003	2 092	2 149	2 707	2 558	2 387	1 171	59 170	74 350	50 165
Lumber and wood products, except furniture	4 295	2 870	5 254	3 054	2 003	2 092	2 149	2 707	2 558	2 387	1 171	59 170	74 350	50 165
Furniture and fixtures	21 178	43 089	96 316	71 624	58 998	57 823	63 535	59 737	57 938	51 613	22 542	10 027	11 908	4 822
Stone, clay, and glass products	17 17	32 932	3 225	3 298	3 035	2 742	3 030	2 663	2 825	2 573	1 548	6 226	1 026	730
Cement, concrete, gypsum, and plaster products	22 219	48 746	98 059	65 178	47 409	42 799	48 221	46 541	42 273	38 004	15 961	6 735	5 838	2 760
Structural clay products	2 101	3 380	9 722	9 131	7 896	8 318	7 733	7 722	6 766	5 314	2 351	9 21	1 013	2 778
Other stone, clay, and glass products	29 941	20 561	32 484	21 794	20 508	19 830	22 733	24 192	26 743	30 169	18 084	10 620	20 708	17 689
Nonmanufacturing	346	1 139	3 109	4 793	4 535	5 504	6 329	6 733	5 536	6 542	2 643	1 246	778	410
Miscellaneous laborers	3 260	4 571	11 443	11 520	10 686	9 813	9 748	8 561	8 309	6 230	3 643	1 127	1 520	815
Not specified laborers	170 351	119 188	82 167	32 857	19 827	15 681	15 410	15 535	14 638	13 193	6 300	3 025	4 474	3 278
Transportation, communications, and other services	95	342	682	1 141	891	926	610	610	660	474	304	177	185	125
Vehicle washers and equipment cleaners	20 653	16 952	16 819	10 365	7 838	7 216	7 194	7 123	6 642	6 464	3 143	1 658	1 646	1 050
Warehousemen, n.e.c.	1 945	6 756	18 920	13 070	10 369	9 906	10 808	10 745	9 839	8 495	3 729	1 794	1 276	642
Miscellaneous and not specified laborers	34 779	51 444	92 382	60 564	45 181	44 407	49 246	49 969	51 597	49 811	25 611	13 054	14 269	8 800
Occupation:														
Miscellaneous laborers	6 377	11 397	26 458	18 929	15 090	16 341	19 410	18 129	20 525	20 521	10 539	5 630	4 856	2 089
Not specified laborers	28 402	40 047	65 924	41 635	30 091	28 066	29 836	31 840	31 072	29 290	15 072	7 424	9 413	6 711
Industry:														
Manufacturing	9 859	27 090	53 258	36 247	26 335	23 526	26 009	26 437	26 437	24 003	10 394	4 881	4 371	2 102
Durable goods	4 541	17 172	36 514	23 816	18 481	16 760	18 475	18 366	18 605	16 854	7 221	3 666	2 921	1 236
Lumber and wood products, except furniture	804	2 015	3 262	2 123	1 857	1 873	1 831	1 906	2 010	2 262	7 796	597	547	239
Furniture and fixtures	484	530	690	391	313	426	443	355	480	286	305	27	147	81
Stone, clay, and glass products	486	1 833	3 867	2 377	1 955	1 725	2 404	1 885	1 841	1 560	703	333	352	97
Cement, concrete, gypsum, and plaster products	208	669	1 628	1 047	916	664	736	736	994	594	293	172	166	18
Structural clay products	54	297	648	329	329	450	593	406	279	334	119	55	109	15
Other stone, clay, and glass products	224	867	1 991	876	710	611	914	743	568	632	291	106	77	64
Nonmanufacturing	456	5 106	12 332	8 576	6 578	6 570	7 623	7 726	7 488	6 635	2 881	1 375	711	219
Primary metal industries	80	3 007	6 898	4 596	3 679	3 842	4 641	4 834	4 416	4 028	1 739	868	345	111
Blast furnaces, steel works, and rolling and finishing mills	196	1 379	3 573	2 422	1 886	1 912	2 113	1 952	2 159	1 738	763	233	280	90
Other primary iron and steel industries	180	720	1 861	1 558	1 013	816	869	940	913	869	379	274	86	18
Primary nonferrous industries	789	2 133	3 894	2 612	2 009	1 729	1 709	1 474	1 812	1 523	459	390	227	84
Fabricated metal industries, including not specified metal	297	874	1 694	1 076	833	662	606	557	720	655	164	113	40	46
Fabricated structural metal products	471	1 584	3 615	2 124	1 512	1 033	1 110	1 712	1 462	1 403	618	255	339	185
Machinery, except electrical	150	1 122	1 867	1 100	817	636	578	601	632	757	291	93	47	50
Electrical machinery, equipment, and supplies	469	1 882	4 820	3 133	2 525	1 956	1 993	1 748	1 959	1 742	574	342	270	126
Transportation equipment	150	540	2 314	1 605	1 370	1 166	1 111	1 028	971	911	292	156	128	17
Motor vehicles and motor vehicle equipment	120	400	1 149	674	255	318	367	312	518	416	172	88	67	54
Ship and boat building and repairing	199	902	1 357	854	900	472	515	408	470	415	110	98	75	55
Other transportation equipment	58	164	137	177	18	16	63	156	70	42	43	75	21	-
Professional and photographic equipment, and watches	16	207	560	379	292	283	266	272	216	249	142	39	44	32
Ordnance	273	527	783	455	248	355	210	409	394	288	218	41	141	37
Miscellaneous manufacturing industries	85	69	387	369	157	158	245	122	241	107	191	99	75	86
Manufacturing, durable goods—allocated	5 183	9 672	16 364	12 271	7 685	6 584	7 342	7 917	7 608	6 992	3 036	1 215	1 435	832
Nonmanufacturing	1 922	3 846	5 375	4 400	3 070	2 975	3 478	2 924	2 917	2 706	1 376	568	624	457
Food and kindred products	206	365	1 385	1 457	890	858	1 144	1 000	637	650	322	176	176	153
Meat products	206	429	468	430	330	343	240	174	266	295	318	21	76	34
Dairy products	372	846	1 075	862	556	487	440	521	564	555	255	124	143	53
Canning and preserving fruits, vegetables, and seafoods	113	332	775	601	415	338	354	354	286	416	84	24	58	18
Grain-mill products	203	599	606	461	486	255	481	236	505	222	90	44	43	116
Beverage industries	324	777	1 066	589	402	617	835	639	659	568	307	198	128	83
Other food and kindred products														

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text!

	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
United States														
Male experienced civilian labor force—Con.														
Labors, except farm—Continued														
Miscellaneous and not specified laborers—Continued														
Industry—Continued														
Manufacturing—Continued														
Nondurable goods—Continued														
Tobacco manufactures	32	77	186	116	144	130	168	124	246	136	42	—	—	14
Textile mill products	825	1 100	1 430	870	569	489	633	870	745	741	347	255	109	72
Yarn, thread, and fabric mills	626	754	871	573	421	489	447	499	461	598	275	147	47	20
Other textile mill products	199	346	559	297	148	140	186	371	284	143	72	108	62	52
Apparel and other fabricated textile products	96	337	203	111	101	110	76	120	89	113	20	—	18	16
Paper and allied products	195	1 217	3 132	2 527	904	811	767	883	922	1 162	395	169	150	86
Pulp, paper, and paperboard mills	85	678	2 116	1 571	640	604	470	631	673	854	318	128	150	86
Other paper and allied products	110	539	1 016	956	264	207	297	252	249	328	77	43	—	65
Chemicals and allied products	1 145	632	742	274	145	162	127	101	110	165	142	23	21	24
Printing, publishing, and allied industries	373	1 264	2 386	1 993	1	696	969	1 182	1 186	905	273	54	133	—
Petroleum and coal products	51	253	710	440	218	247	301	437	304	210	22	100	90	—
Rubber and miscellaneous plastic products	229	860	1 519	951	636	459	543	782	775	556	195	18	42	42
Leather and leather products	231	280	479	456	280	263	200	344	189	224	224	28	150	56
Nondurable goods—allocated	84	104	202	133	173	102	80	150	125	83	137	—	140	34
Not specified manufacturing industries	135	245	380	160	169	182	192	156	224	157	—	—	15	—
Nonmanufacturing industries	24 920	24 354	39 124	24 317	18 846	20 881	23 237	23 530	25 160	25 808	15 217	8 173	9 898	6 698
Railroads and railway express service	188	1 514	4 294	3 361	2 172	2 869	3 800	4 762	5 579	6 809	4 172	2 187	1 271	404
Transportation, except railroads	1 063	1 065	2 205	1 628	1 396	1 404	1 247	1 445	1 031	1 155	521	385	283	317
Comm., and utilities and sanitary services	1 053	1 974	5 260	3 825	3 147	3 823	4 125	4 226	4 331	3 857	2 406	986	1 013	651
Transportation, communications, and other public utilities—allocated	—	44	156	80	39	40	153	86	69	32	20	—	63	—
Wholesale trade	3 201	3 773	5 620	4 138	3 202	3 223	3 390	2 997	3 224	3 287	1 345	647	1 143	711
Retail trade	8 895	6 319	6 484	2 931	2 284	2 333	2 004	2 339	1 990	2 427	1 410	769	1 502	1 019
Business and repair services	3 251	2 035	2 928	2 156	1 701	1 600	2 121	1 493	1 399	1 152	636	324	510	293
Personal services	2 259	1 546	2 489	925	1 122	1 234	1 234	1 541	1 491	1 280	1 474	920	1 694	1 805
Private households	4 737	806	1 851	533	648	623	865	1 113	1 163	1 280	1 068	732	1 389	1 550
Public administration	4 929	5 759	7 637	5 117	3 983	3 585	1 820	1 723	2 124	1 936	1 077	544	1 691	1 322
All other industries	17 620	29 759	39 109	27 191	24 473	26 007	24 336	24 797	24 396	20 670	11 351	6 644	7 590	7 021
Farmers and farm managers	5 083	8 987	46 379	77 283	88 955	112 677	140 308	165 567	181 390	191 667	101 845	56 153	94 616	92 037
Farmers, owners and tenants	4 120	7 837	36 977	62 977	76 870	99 834	127 430	152 790	167 455	178 556	95 445	52 521	88 334	86 148
Farm managers	377	357	3 054	6 099	6 098	6 457	6 207	6 420	6 867	6 414	3 112	1 842	2 516	2 452
Farmers and farm managers—allocated	386	793	6 348	8 207	5 987	6 386	6 671	6 357	7 068	6 697	3 288	1 790	3 766	3 437
Farm laborers and farm foremen	94 505	78 788	110 069	73 055	61 174	59 453	62 160	62 787	63 486	63 772	36 504	22 086	36 232	26 307
Farm foremen	188	234	2 074	2 935	2 992	2 876	4 139	3 671	3 692	3 220	1 894	1 021	1 367	639
Farm laborers, wage workers	70 960	59 213	88 713	61 575	50 974	49 940	52 327	52 814	53 366	54 332	31 432	18 649	30 772	21 124
Farm laborers, unpaid family workers	17 558	11 369	10 010	3 156	2 150	1 893	1 552	1 587	1 519	1 859	1 108	884	1 866	2 370
Farm service laborers, self-employed	5 707	97	182	249	334	335	335	334	495	353	184	66	89	100
Farm laborers and farm foremen—allocated	—	7 868	9 090	5 140	4 724	4 372	3 807	4 381	4 414	4 008	1 886	1 466	2 188	2 074
Service workers, except private household	343 430	271 725	431 890	352 847	299 418	296 616	335 621	344 389	356 021	382 341	205 045	109 809	173 224	130 438
Cleaning service workers	92 034	82 991	113 780	71 568	67 663	74 617	99 156	118 732	145 462	164 900	96 055	52 303	76 772	55 320
Chambermaids and maids, except private household	1 075	1 614	1 414	641	673	709	681	822	890	1 037	557	262	432	331
Cleaners and charwomen	19 255	16 147	20 059	13 084	12 593	12 287	15 932	15 410	18 859	19 669	11 014	6 388	9 388	6 761
Janitors and sextons	71 704	65 364	92 307	57 863	54 397	61 621	82 543	102 500	125 713	143 894	84 484	45 352	66 952	48 228
Food service workers	200 428	119 931	120 753	63 113	51 864	51 673	58 895	59 870	61 424	58 985	29 946	15 141	24 750	15 246
Barbers	166	20 658	14 251	12 033	12 033	13 656	17 485	18 141	20 727	18 286	8 494	4 353	7 389	4 795
Busboys	47 978	30 647	37 981	3 069	1 595	1 720	1 293	1 194	1 247	894	508	127	401	342
Cooks, except private household	56 031	38 647	37 981	24 822	23 106	21 440	24 414	25 138	24 196	22 621	11 340	5 717	7 662	4 202
Dishwashers	41 848	22 261	17 669	5 023	2 955	2 843	3 144	3 401	3 812	4 328	2 895	1 397	2 477	1 887
Food counter and fountain workers	14 160	7 869	5 171	1 266	1 015	825	1 041	1 217	1 411	1 353	556	327	635	631

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 1; median shown in table 2; median shown on 5-percent sample, see text. For meaning of symbols, see text.

	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
United States														
Male experienced civilian labor force—Con.														
Service workers, except private household—Con.														
Waiters	18 092	14 588	21 824	10 270	7 801	8 092	7 973	7 111	5 988	6 924	3 742	2 090	3 568	1 987
Food service workers, n.e.c., except private household	22 153	14 899	12 902	4 288	3 359	3 097	3 545	3 668	4 043	4 579	2 231	1 237	2 618	1 402
Health service workers	6 982	13 842	33 188	16 303	11 238	10 424	10 522	12 183	11 344	9 929	5 006	2 135	2 932	1 589
Dental assistants	150	149	470	263	156	255	96	156	117	60	546	44	27	53
Health aides, except nursing	1 696	2 468	4 413	2 239	1 391	1 653	1 200	1 206	1 424	942	187	187	265	247
Health trainees	186	179	379	195	65	—	45	16	44	20	—	—	16	—
Lay midwives	18	21	66	12	20	22	16	26	—	25	—	—	—	—
Nursing aides, orderlies, and attendants	4 761	10 750	26 593	12 327	8 838	7 507	8 114	10 059	9 095	8 095	3 883	1 804	2 400	1 131
Practical nurses	1 171	275	1 267	1 247	768	987	1 051	720	664	787	550	100	224	158
Personal service workers	23 981	21 483	44 608	41 233	35 697	34 239	34 315	32 230	31 590	34 441	19 982	11 889	20 407	20 125
Airline stewardesses	43	65	163	149	165	118	218	113	162	39	—	—	47	40
Attendants, recreation and amusement	12 758	9 651	10 355	3 574	3 420	2 514	2 518	2 899	2 514	3 074	1 731	1 135	2 257	2 463
Attendants, personal service, n.e.c.	1 487	1 699	2 902	1 297	1 507	1 694	1 553	1 534	1 996	2 193	1 445	876	1 770	2 031
Baggage porters and bellhops	1 856	1 831	3 146	1 653	965	1 281	1 764	1 712	1 644	1 543	875	493	616	457
Barbers	1 280	1 290	10 349	18 963	16 538	16 739	15 752	14 911	15 200	16 824	9 720	5 828	10 422	10 265
Boarding and lodging house keepers	—	—	147	20	60	84	209	163	117	302	298	116	169	287
Bootblacks	422	214	309	54	70	137	261	230	317	532	184	160	374	464
Child care workers, except private household	766	297	1 629	905	610	484	613	807	936	599	504	101	407	443
Elevator operators	188	770	1 675	1 343	1 414	1 568	2 116	2 292	3 303	4 019	2 811	1 791	2 727	2 174
Hairdressers and cosmetologists	156	815	5 549	9 551	7 960	7 003	6 349	3 806	2 253	2 662	921	461	712	709
Personal service apprentices	23	71	308	98	57	2	—	—	23	—	—	—	—	—
Housekeepers, except private household	366	1 649	5 824	2 800	2 175	2 142	2 520	3 289	2 518	2 379	1 279	866	674	524
School monitors	414	600	782	161	89	67	63	58	37	58	31	18	65	—
Ushers, recreation and amusement	5 195	2 507	1 086	264	253	108	87	42	79	35	58	22	147	170
Waiters service aides	50	95	692	499	471	300	292	374	314	252	125	22	20	98
Protective service workers	1 493	7 152	76 326	130 572	107 841	99 216	107 779	95 141	81 967	71 165	42 458	22 413	39 275	28 925
Crossing guards and bridge tenders	147	125	486	466	402	565	875	1 098	1 144	1 524	1 201	1 029	3 544	5 020
Firemen, fire protection	77	748	11 543	28 910	29 206	27 497	27 911	21 554	15 333	8 844	3 404	1 586	1 066	436
Guards and watchmen	982	4 098	21 823	20 955	16 807	19 205	25 992	32 819	37 304	42 214	28 945	15 923	28 889	19 343
Marshals and constables	—	—	207	530	504	471	656	622	578	665	282	187	338	298
Policemen and detectives	287	2 114	39 666	75 229	57 368	47 827	48 421	35 651	24 126	15 326	7 076	2 911	4 039	2 399
Public	189	1 882	38 104	73 144	55 982	46 232	46 779	34 214	22 600	13 806	6 298	2 636	3 322	1 953
Private	118	232	232	2 085	1 386	1 595	1 642	1 437	1 526	1 520	1 778	775	1 717	1 446
Sheriffs and bailiffs	—	42	2 601	4 482	3 554	3 651	3 924	3 397	3 482	2 592	1 550	777	1 399	1 429
Service workers, except private household—allocated	18 512	26 815	43 235	30 038	25 115	26 447	24 954	26 233	24 234	22 921	11 578	5 928	9 088	9 233
Private household workers	3 661	1 768	3 162	2 128	1 789	2 323	2 984	3 528	3 144	3 679	2 545	1 318	2 727	3 072
Occupation:														
Child care workers, private household	1 944	576	520	175	243	253	116	149	152	221	95	106	124	222
Cooks, private household	37	96	106	139	106	179	203	162	232	223	243	116	214	143
Housekeepers, private household	152	21	149	139	167	248	277	577	297	458	262	117	343	264
Laundresses, private household	105	—	—	—	18	19	17	25	65	88	88	—	50	22
Maid and servants, private household	1 385	1 171	1 935	1 428	1 067	1 358	2 076	2 122	2 140	2 399	1 731	963	1 876	2 278
Private household workers—allocated	38	—	462	368	188	266	295	493	258	292	126	16	120	143
Living arrangement:														
Living in	41	—	225	153	175	117	293	256	177	267	247	179	227	362
Housekeepers, private household	—	—	65	62	93	62	72	93	34	127	59	59	100	83
Maid and servants, private household	25	—	100	133	100	62	149	121	143	102	115	68	85	238
Living out	3 620	1 768	2 937	1 975	1 614	2 206	2 691	3 272	2 967	3 412	2 298	1 139	2 500	2 710
Unemployed persons, last worked 1959 or earlier	78	242	854	470	582	767	953	965	1 140	1 365	892	870	1 379	7 730

42 Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.]

	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
United States	844 935	1 697 124	4 660 022	3 099 895	2 604 807	2 770 874	3 213 933	3 327 997	3 003 311	2 484 339	1 134 735	536 056	667 040	489 590
Female experienced civilian labor force	21 068	69 307	800 423	719 163	480 716	457 823	483 450	455 881	404 361	352 759	179 247	87 818	98 161	64 339
Professional, technical, and kindred workers	491	4 641	25 928	19 789	15 642	16 610	22 250	24 587	21 674	16 024	7 206	3 338	3 575	1 962
Accountants	—	—	254	243	262	407	237	115	150	223	84	84	82	76
Architects	—	—	17 737	13 123	5 484	4 079	3 321	2 820	1 715	1 037	284	60	139	65
Computer specialists	230	1 483	17 737	9 855	3 937	2 978	2 092	1 727	966	541	34	40	53	43
Computer programmers	129	1 042	14 732	3 011	1 473	972	1 023	1 327	601	369	99	20	69	22
Computer systems analysts	101	334	2 553	3 011	1 473	972	1 023	1 327	601	369	99	20	69	22
Computer specialists, n.e.c.	—	107	452	257	74	129	206	131	148	127	81	—	17	—
Engineers	40	375	2 631	2 982	2 230	2 185	2 347	2 981	2 020	1 206	591	311	398	478
Aeronautical and astronautical	—	20	93	191	47	199	129	172	83	36	95	—	—	21
Chemical	—	25	295	382	326	126	22	42	22	16	112	—	93	44
Civil	17	127	440	587	559	621	682	572	572	177	120	23	148	108
Electrical and electronic	—	21	500	598	699	444	801	1 107	762	495	129	106	58	106
Industrial	—	83	155	377	195	271	164	227	48	142	47	18	31	72
Mechanical	—	—	22	—	16	13	24	—	—	21	—	—	19	36
Metallurgical and materials	—	—	33	—	—	—	—	—	—	—	—	—	—	—
Mining	—	—	506	728	332	359	228	425	198	101	60	52	49	91
Petroleum	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Soles	23	33	—	—	—	—	—	—	—	—	—	—	—	—
Engineers, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Form management advisors	—	29	322	154	107	76	127	65	15	21	—	—	22	15
Foresters and conservationalists	42	58	161	242	114	312	195	134	171	114	41	39	21	22
Home management advisors	—	46	984	965	706	444	283	558	586	387	252	165	126	749
Lawyers and judges	67	79	1 098	2 180	964	1 249	1 044	1 264	1 546	1 227	784	407	659	87
Judges	—	—	58	59	22	54	63	47	117	87	38	38	20	20
Lawyers	67	79	1 040	2 121	942	1 195	981	1 217	1 429	1 140	784	369	639	652
Librarians, archivists, and curators	1 067	4 570	12 155	9 140	7 407	8 243	10 492	11 690	12 492	10 887	5 785	3 105	3 284	1 975
Librarians	1 067	4 530	11 946	9 009	7 137	8 019	10 530	11 476	12 160	10 723	5 712	3 027	3 166	1 848
Archivists and curators	21	40	209	131	270	224	162	214	332	164	73	78	118	127
Mathematical specialists	20	341	2 778	1 756	1 360	877	1 292	1 258	1 148	995	584	261	87	119
Actuaries	—	72	537	192	94	82	105	105	137	80	46	20	20	20
Mathematicians	—	38	525	451	187	32	255	180	135	75	60	241	67	119
Statisticians	20	231	1 716	1 113	982	763	943	973	876	855	463	230	337	246
Life and physical scientists	71	298	5 454	5 640	3 649	2 410	3 038	2 489	1 953	1 258	578	230	337	246
Agricultural	49	22	137	119	162	55	33	155	191	63	44	44	22	69
Atmospheric and space	—	40	78	52	19	106	50	82	61	48	45	21	22	22
Biological	22	134	2 317	2 254	1 410	828	1 114	714	732	399	204	75	134	98
Chemists	—	81	2 577	2 846	1 727	1 230	1 500	1 350	792	567	285	100	142	36
Geologists	—	—	213	136	29	60	100	60	64	41	—	—	19	21
Marine	—	—	11	69	36	109	47	110	40	140	—	—	—	—
Physicists and astronomers	—	21	98	144	195	71	107	110	73	—	—	—	20	22
Life and physical, n.e.c.	—	—	23	20	71	22	107	18	—	—	—	16	—	—
Operations and systems researchers and analysts	—	36	1 164	1 273	731	581	1 044	1 071	795	484	117	93	1 480	—
Personnel and labor relations workers	121	671	12 297	12 506	8 861	9 414	12 435	12 952	9 994	7 755	3 283	1 226	1 480	496
Physicians, dentists, and related practitioners	122	892	3 755	7 251	5 589	4 476	5 587	4 413	3 994	3 121	1 946	810	1 347	1 730
Chiropractors	—	—	62	81	42	20	25	143	96	60	98	72	102	276
Dentists	45	149	281	409	264	329	263	342	197	210	147	20	54	92
Optometrists	—	—	22	104	42	87	27	44	157	51	46	262	38	38
Pharmacists	58	370	1 631	2 222	1 335	2 289	1 463	1 116	1 328	1 033	591	424	388	248
Physicians, medical and osteopathic	—	309	1 480	4 206	3 732	2 589	3 500	2 277	2 056	1 609	975	424	704	924
Podiatrists	—	—	83	21	38	54	38	27	65	103	60	18	37	59
Veterinarians	19	64	157	208	110	113	162	93	57	38	29	24	24	19
Health practitioners, n.e.c.	—	—	39	—	64	—	89	23	43	17	—	14	—	20
Registered nurses, dietitians, and therapists	1 422	7 520	133 729	122 898	99 155	97 603	103 389	104 588	87 162	76 478	34 724	15 721	17 709	11 185
Dietitians	466	889	3 440	4 367	2 962	3 684	5 113	5 587	4 889	3 716	1 619	890	1 081	438
Registered nurses	792	5 361	118 066	109 497	91 124	89 261	95 157	95 587	78 997	70 221	31 440	14 147	15 971	10 324
Therapists	164	1 270	12 223	9 035	5 069	4 658	3 991	3 888	3 276	2 541	1 365	664	657	423

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Professional, technical, and kindred workers—Con.														
Health technologists and technicians	891	7 191	53 588	34 230	19 634	16 968	15 405	13 198	9 958	7 762	3 015	1 264	1 198	1 045
Clinical laboratory technologists and technicians	380	2 501	24 012	17 093	9 994	7 627	7 740	6 098	4 872	3 343	1 279	415	468	285
Dental hygienists	44	62	5 149	3 716	1 592	1 670	1 301	1 047	701	506	197	174	56	122
Health record technologists and technicians	19	199	1 330	6 007	847	959	1 053	1 350	1 114	1 010	498	259	376	301
Radiologic technologists and technicians	117	2 438	13 779	6 400	3 661	3 116	2 352	1 533	1 033	960	514	199	134	173
Therapy assistants	39	1 182	463	127	113	173	161	274	188	183	79	20	—	24
Health technologists and technicians, n.e.c.	292	1 809	8 853	5 617	3 427	3 423	2 798	3 039	1 990	1 565	448	197	164	140
Religious workers	179	490	1 862	2 039	2 360	2 106	3 034	2 336	2 774	2 877	1 379	841	1 818	2 071
Clergymen	—	54	598	413	413	584	707	640	676	899	319	217	447	409
Religious workers, n.e.c.	179	436	1 367	1 441	1 947	1 522	2 327	1 696	2 098	1 978	1 060	624	1 371	1 662
Social scientists	—	161	2 906	4 295	2 414	2 112	2 310	1 910	1 672	1 337	574	282	414	286
Economists	—	88	1 343	1 561	846	635	731	691	826	516	164	164	107	58
Political scientists	—	—	—	39	63	41	60	—	20	20	24	—	—	—
Psychologists	—	48	915	2 088	1 323	1 264	1 247	1 101	752	741	325	118	217	161
Sociologists	—	—	116	83	81	45	92	20	20	37	—	—	16	23
Urban and regional planners	—	—	266	347	62	81	84	21	23	71	—	—	19	44
Social scientists, n.e.c.	—	25	—	177	39	46	96	77	—	—	61	—	55	—
Social and recreation workers	1 997	3 554	31 107	28 549	13 317	12 105	15 779	15 990	13 392	12 972	6 194	2 415	3 030	1 862
Recreation	593	933	25 913	26 090	11 910	10 714	13 905	14 158	11 486	11 486	5 606	2 231	2 764	1 635
Teachers, college and university	1 404	2 621	5 194	2 459	1 407	1 391	1 874	1 832	1 398	1 486	588	184	266	227
Agriculture	260	4 276	22 257	24 385	16 856	15 496	14 881	14 048	9 992	7 758	4 396	1 990	3 275	1 671
Atmospheric, earth, marine, and space	—	—	22	—	86	15	42	29	25	35	—	—	35	—
Biology	—	129	278	40	—	38	23	44	38	35	—	24	24	—
Chemistry	—	—	920	846	434	481	448	324	231	299	89	75	122	18
Physics	—	—	369	226	235	196	234	98	65	38	84	19	18	—
Engineering	—	22	111	206	43	103	84	68	54	145	92	85	38	20
Mathematics	66	136	883	876	536	319	506	487	317	220	118	97	116	—
Health specialties	—	24	845	2 243	2 027	2 269	1 698	1 700	1 190	614	372	135	180	64
Psychology	—	—	522	774	498	392	430	423	318	223	56	41	157	—
Business and commerce	—	19	427	741	523	759	487	389	420	331	106	81	112	81
Economics	—	—	67	159	176	66	63	107	17	74	48	41	40	21
History	—	—	347	616	515	412	295	313	278	126	19	22	42	47
Sociology	—	28	276	366	305	264	201	175	19	59	19	—	20	—
Social science teachers, n.e.c.	—	42	291	453	306	255	317	292	292	142	146	67	36	24
Art, drama, and music	—	280	1 192	1 823	1 057	1 015	1 236	1 187	858	859	403	157	387	208
Coaches and physical education	19	213	935	701	837	569	417	201	293	60	136	21	21	—
Education	—	—	144	267	272	290	317	349	267	210	41	18	16	18
English	—	75	2 266	3 266	2 333	1 708	1 692	1 513	1 288	850	472	299	419	303
Foreign language	19	127	1 532	2 438	1 442	732	938	888	370	592	277	205	345	21
Home economics	—	55	349	531	285	289	547	664	480	248	260	85	138	25
Law	—	19	—	38	—	56	51	—	—	33	—	—	—	—
Theology	—	—	85	176	80	94	192	117	25	42	19	38	13	—
Trade, industrial, and technical	—	—	179	69	53	153	122	67	67	46	—	—	—	—
Miscellaneous teachers, college and university	31	39	669	1 037	608	741	554	468	364	130	322	42	166	126
Teachers, college and university, subject not specified	125	3 068	9 490	6 273	4 145	4 202	4 018	4 137	2 650	2 341	1 317	438	830	695
Teachers, except college and university	7 396	9 579	335 337	323 804	204 012	195 763	194 930	170 961	165 833	156 822	86 474	44 109	47 050	24 470
Adult education	217	3 278	3 316	3 878	3 174	2 401	2 219	2 669	2 221	1 541	656	446	708	336
Elementary school	2 303	3 668	208 368	194 174	119 940	121 940	119 195	103 301	105 677	104 328	59 837	30 478	29 860	11 785
Public	1 419	2 226	167 634	159 301	97 923	99 969	98 473	85 217	88 115	88 701	50 941	26 178	23 211	7 451
Private	884	1 442	40 734	34 873	21 926	20 722	20 722	18 084	17 562	15 627	8 896	4 300	6 649	4 314
Prekindergarten and kindergarten	566	1 659	16 971	16 239	17 197	17 907	15 447	12 008	10 487	7 692	4 477	1 874	2 025	1 335
Public	282	474	8 833	8 421	6 516	7 321	6 359	4 478	4 840	4 104	2 438	1 155	746	1 388
Private	284	1 185	8 138	7 818	10 681	10 586	9 108	7 530	5 647	3 588	2 039	1 719	1 279	947

4 Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Total, 16 years old and over, shown in table 1; median shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Professionals, technical, and kindred workers—Con.														
Teachers, except college and university—Continued														
Secondary school	947	1 134	96 682	96 979	51 690	42 569	47 725	44 093	38 841	34 365	16 666	8 404	8 580	4 147
Public	788	639	80 831	80 831	42 702	35 197	38 983	36 820	32 990	28 417	13 979	7 081	6 408	2 426
Private	159	295	15 853	16 148	8 988	7 372	8 742	7 273	5 861	5 948	2 687	1 323	2 172	1 721
Teachers, except college and university, n.e.c.	3 363	2 840	10 000	12 534	12 102	10 946	10 344	8 890	8 896	4 798	4 798	2 907	5 877	6 887
Engineering and science technicians	759	4 956	21 330	12 608	8 746	8 801	9 402	10 426	7 306	4 935	1 925	769	416	506
Agriculture and biological, except health	82	383	2 231	1 162	1 205	1 042	1 308	1 230	958	777	308	136	121	17
Chemical	58	342	2 430	1 012	769	939	838	1 070	691	455	103	108	108	67
Draftsmen	225	1 478	5 996	3 405	2 241	2 510	2 319	2 958	1 697	882	378	127	65	147
Electrical and electronic engineering	64	367	1 350	1 244	989	1 112	1 401	1 318	938	488	244	78	38	48
Industrial engineering	—	107	554	475	326	248	312	308	249	135	79	16	19	—
Mechanical engineering	—	—	23	81	102	23	19	96	36	19	22	16	—	—
Mathematical	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Surveyors	64	101	328	183	286	198	138	170	125	139	129	74	19	116
Engineering and science, n.e.c.	266	2 178	8 418	5 046	2 809	2 729	3 067	3 276	2 595	2 040	662	230	154	111
Technicians, except health, and engineering and science	107	823	2 783	2 354	2 089	1 930	1 972	1 861	1 840	926	346	203	378	172
Airplane pilots	—	—	20	141	40	85	133	35	133	—	—	22	—	34
Air traffic controllers	—	21	180	108	166	129	160	138	173	20	25	—	46	60
Embalmers	17	—	39	25	36	20	39	23	—	—	—	—	—	—
Flight engineers	—	—	21	21	43	21	19	21	—	—	—	—	—	—
Radio operators	23	487	987	997	1 026	989	775	776	588	466	206	139	193	21
Tool programmers, numerical control	24	21	127	123	95	19	69	—	—	—	—	—	—	—
Technicians, n.e.c.	43	294	1 430	939	683	667	910	868	886	440	115	42	139	37
Vocational and educational counselors	219	1 377	7 081	5 552	4 122	4 797	5 217	5 169	5 074	5 032	2 162	1 018	1 073	491
Writers, artists, and entertainers	4 358	9 364	44 678	34 407	25 488	22 692	25 980	23 300	18 375	13 902	6 520	3 497	5 523	5 367
Actors	70	233	1 069	1 076	517	628	545	583	380	328	171	122	105	80
Athletes and kindred workers	1 117	1 704	3 623	1 927	1 370	1 549	1 265	1 011	681	426	146	83	87	103
Authors	55	40	608	927	1 093	1 694	975	828	939	569	258	208	343	398
Dancers	162	671	2 663	1 246	461	263	66	208	235	1 632	687	239	537	—
Designers	204	436	5 600	3 735	2 987	2 595	3 400	2 408	2 235	4 043	1 887	1 113	1 309	1 372
Editors and reporters	369	1 336	11 168	10 281	6 726	5 478	5 676	6 040	4 685	2 156	1 297	631	1 270	1 385
Musicians and composers	1 714	2 063	3 977	3 393	3 610	3 281	3 438	2 555	2 300	1 884	846	473	750	742
Printers and sculptors	187	1 272	8 511	5 385	3 835	3 527	4 914	3 930	3 303	1 884	341	97	342	161
Photographers	113	564	1 632	1 267	651	699	1 097	1 120	820	589	341	97	342	330
Public relations men and publicity writers	9	373	3 009	2 819	2 136	1 814	2 335	2 637	2 096	1 440	496	318	18	18
Radio and television announcers	62	43	318	45	138	149	208	199	39	39	39	18	89	18
Writers, artists, and entertainers, n.e.c.	296	629	2 480	2 391	1 964	2 015	2 061	1 969	1 049	774	352	195	388	391
Research workers, not specified	84	1 036	9 174	7 698	2 910	1 932	2 088	1 959	1 101	820	519	282	157	309
Professional, technical, and kindred workers—allocated	1 125	5 461	47 873	38 900	26 507	24 135	25 371	23 738	21 624	16 399	9 534	5 360	4 563	6 993
Managers and administrators, except farm administration	2 379	10 354	70 921	74 619	78 117	99 736	136 505	160 569	153 913	134 643	61 733	30 233	40 258	29 621
Assessors, controllers, and treasurers; local public administration	39	65	392	576	400	984	1 395	1 881	1 561	1 512	882	362	494	433
Bank officers and financial managers	224	1 148	6 711	5 917	4 975	5 435	7 561	8 131	5 980	5 169	1 837	774	871	573
Buyers and shippers, farm products	—	—	105	32	32	26	40	61	19	—	—	—	—	—
Buyers, wholesale and retail trade	101	654	7 276	4 699	3 155	4 092	5 733	6 931	7 239	6 734	2 861	1 276	1 808	900
Credit men	—	274	1 914	1 680	1 696	1 845	2 033	2 384	2 384	1 445	670	364	300	361
Funeral directors	—	32	23	59	129	60	343	321	411	419	178	98	130	257
Health administrators	22	119	1 115	1 909	2 366	3 541	4 777	5 887	6 303	5 310	2 436	1 295	1 940	1 126
Construction inspectors, public administration	—	—	—	—	—	21	—	71	39	25	—	—	18	38
Inspectors, except construction; public administration	17	123	542	557	453	520	848	797	778	609	226	157	38	163
Federal public administration and postal service	17	123	503	347	353	277	676	446	536	384	127	96	19	81
State public administration	—	—	19	75	61	111	111	183	173	159	62	41	19	47
Local public administration	—	—	20	135	39	146	61	168	69	66	37	20	19	35
Managers and superintendents, building	17	139	2 027	1 892	1 403	2 521	2 508	4 513	4 895	4 883	2 803	1 524	3 116	2 982
Office managers, n.e.c.	40	352	4 268	6 687	7 279	9 434	13 375	16 072	12 622	9 161	4 270	1 694	2 275	877
Officers, pilots, and pursers, ship	—	—	—	87	48	94	—	56	20	20	—	—	36	41

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Managers and administrators, except farm—Con.														
Officials and administrators, public administration, n.e.c.	24	319	2 702	3 306	3 338	4 215	6 139	6 412	7 302	5 668	2 559	1 250	1 382	801
Federal public administration and postal service	—	41	1 293	1 750	1 569	2 065	3 176	2 981	3 422	2 446	598	312	297	75
State public administration	—	21	524	516	1 415	496	504	2 967	1 123	697	1 504	1 714	1 714	169
Local public administration	24	257	885	1 040	1 354	1 654	2 545	2 682	2 757	2 525	1 504	764	855	557
Officials of lodges, societies, and unions	105	73	652	665	693	521	1 039	1 282	1 014	2 877	1 504	237	175	203
Postmasters and mail superintendents	—	23	106	169	337	434	1 081	1 461	1 668	2 328	1 193	637	939	251
Purchasing agents and buyers, n.e.c.	94	166	2 128	2 037	1 917	2 077	2 768	3 996	2 932	2 325	1 116	331	590	177
Railroad conductors	—	22	59	56	—	—	64	64	12	37	26	42	17	14
Railroad conductors, except bar managers	278	820	3 354	4 770	7 217	11 472	15 873	18 909	19 072	15 957	6 230	2 783	3 488	1 903
Sales managers and department heads, retail trade	86	1 065	5 372	3 771	4 036	4 122	7 418	8 288	7 660	6 092	2 160	1 054	921	432
Sales managers, except retail trade	29	62	734	1 005	889	1 325	1 305	1 226	1 262	722	348	154	93	190
School administrators, college	43	145	764	958	668	869	6 884	6 311	7 329	5 513	3 836	2 228	2 172	153
School administrators, elementary and secondary	80	311	639	1 643	3 520	5 298	6 884	8 966	35 095	31 854	14 670	6 730	8 953	7 004
Managers and administrators, n.e.c., salaried	892	3 347	21 408	22 073	21 438	25 757	33 854	38 966	35 095	31 854	14 670	6 730	8 953	7 004
Construction	21	—	201	316	270	604	454	709	636	571	236	102	135	196
Durable goods manufacturing	—	148	573	1 148	1 077	1 427	1 418	2 308	1 712	1 456	712	201	481	447
Nondurable goods, incl. not specified manufacturing	59	122	1 275	1 293	1 460	1 431	2 183	2 749	2 171	1 749	836	570	665	588
Transportation	47	364	2 207	1 813	1 576	1 058	1 954	1 869	1 665	1 548	480	217	424	278
Communications, and utilities and sanitary services	18	143	1 313	1 345	1 211	1 307	1 745	1 309	1 097	652	403	240	82	78
Wholesale trade	22	153	702	702	649	956	1 279	1 338	1 156	1 669	519	351	713	283
Retail trade	304	1 102	7 884	6 188	6 067	8 186	11 247	13 341	12 335	10 563	4 678	2 023	2 410	1 998
Hardware, farm equipment, and building material retailing	—	—	92	138	74	132	200	437	179	293	182	56	105	99
General merchandise stores	68	441	2 514	1 803	1 642	2 203	2 965	3 679	3 481	2 377	1 011	341	271	259
Food stores	101	177	1 050	1 054	1 408	1 836	2 431	2 648	2 111	2 012	885	452	467	503
Motor vehicles and accessories retailing	—	11	230	122	289	380	392	425	197	213	19	63	145	115
Gasoline service stations	25	75	198	218	182	239	252	295	171	269	40	—	46	21
Apparel and accessories stores	70	220	1 834	1 185	1 050	1 303	1 826	2 887	3 000	2 692	1 239	561	567	384
Furniture, home furnishings, and equipment stores	18	—	277	384	303	228	572	426	477	357	173	20	96	102
Other retail trade	22	178	1 689	1 284	1 119	1 865	2 544	2 544	2 719	2 510	1 127	530	713	515
Finance, insurance and real estate	16	189	1 877	2 256	2 042	2 220	2 566	3 024	2 829	2 985	1 157	291	885	592
Business and repair services	22	185	1 389	1 834	1 557	1 593	2 140	1 871	1 615	1 054	461	178	431	234
Personal services	51	203	1 403	1 407	2 022	2 506	3 605	4 583	4 624	4 772	2 595	1 350	1 501	1 234
All other industries ¹	332	738	2 584	3 771	3 507	4 469	5 261	6 135	5 257	5 235	2 593	1 207	1 226	1 076
Managers and administrators, n.e.c., self-employed	58	381	2 555	4 309	7 475	10 651	15 737	21 021	23 375	23 301	10 447	6 122	9 052	8 023
Construction	—	—	40	57	197	248	387	382	181	219	63	49	113	123
Durable goods manufacturing	—	—	17	101	199	180	196	265	354	350	135	61	191	132
Nondurable goods, incl. not specified manufacturing	—	—	83	183	356	274	353	657	579	450	473	147	290	215
Transportation	—	—	19	21	120	220	241	447	369	292	63	156	142	83
Communications, and utilities and sanitary services	—	—	—	—	—	21	—	21	19	62	29	—	—	17
Wholesale trade	—	—	142	279	285	292	476	440	570	612	332	172	327	184
Retail trade	36	288	1 536	2 522	4 037	6 588	9 288	12 577	14 295	14 684	6 553	3 616	5 729	5 167
Hardware, farm equipment, and building material retailing	—	—	37	17	75	147	267	352	351	429	232	43	251	77
General merchandise stores	18	—	305	394	334	646	861	1 034	1 253	1 609	588	310	526	447
Food stores	18	144	537	757	1 561	2 268	3 507	4 488	5 297	5 420	2 359	1 565	1 988	1 936
Motor vehicles and accessories retailing	—	—	—	67	104	121	99	137	143	236	58	—	75	66
Gasoline service stations	—	—	—	—	—	—	—	—	—	—	—	—	—	145
Apparel and accessories stores	—	41	60	135	289	339	360	575	575	360	260	126	220	144
Furniture, home furnishings, and equipment stores	—	20	223	343	389	702	711	1 456	1 694	1 706	694	353	775	744
Other retail trade	—	99	117	117	186	443	452	610	600	621	130	252	252	176
Finance, insurance, and real estate	—	83	484	781	1 099	1 922	3 131	3 847	4 382	4 303	2 065	1 089	1 642	1 576
Business and repair services	—	—	21	20	142	177	347	188	272	327	324	220	122	265
Personal services	—	—	77	207	298	516	770	945	920	927	316	187	195	258
All other industries ¹	22	44	425	660	1 192	1 594	2 749	3 748	4 761	4 261	1 884	1 227	1 605	1 317
Managers and administrators, except farm—allocated	694	1 951	6 491	5 259	6 491	8 422	11 247	13 341	12 335	10 563	4 678	2 023	2 410	1 998
Managers and administrators, except farm—unallocated	230	694	6 051	5 726	4 597	4 422	4 826	4 092	3 892	3 592	2 167	1 040	1 060	2 021

¹Includes transportation, communications, and other public utilities—allocated.

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2, median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text 1

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Sales workers	144 170	175 553	242 028	137 635	142 831	170 601	225 819	255 669	257 786	221 027	104 033	49 697	71 166	51 244
Advertising agents and salesmen	229	645	2 247	2 131	1 524	1 222	1 780	1 155	1 254	762	238	182	229	252
Auctioneers	—	—	—	39	56	39	65	—	—	—	29	—	—	—
Demonstrators	283	906	5 311	6 591	5 427	4 333	3 626	3 606	2 890	2 083	860	444	511	357
Hucksters and peddlers	1 633	2 139	8 787	12 555	14 012	10 336	10 380	10 380	8 485	1 471	2 330	1 471	2 666	2 230
Insurance agents, brokers, and underwriters	94	1 768	9 043	5 588	4 932	5 489	6 986	6 704	6 164	5 504	2 313	1 067	1 572	1 294
Newsboys	887	364	843	994	1 276	1 575	1 385	893	999	901	410	130	258	114
Real estate agents and brokers	412	397	1 737	4 104	5 956	8 974	12 505	14 935	12 666	9 784	4 483	2 341	4 139	3 714
Stock and bond salesmen	74	363	1 619	865	394	716	854	942	1 099	618	415	104	315	335
Salesmen and sales clerks, n.e.c.	134 417	155 973	187 237	87 143	92 544	121 143	172 549	202 075	209 695	182 920	85 064	39 932	57 985	35 694
Sales representatives, manufacturing industries	1 480	2 192	4 047	3 323	2 508	2 666	3 914	4 716	4 483	3 471	1 643	1 124	1 24	926
Sales representatives, wholesale trade	1 353	1 930	4 949	3 942	3 799	3 512	4 257	4 971	5 053	3 690	1 916	1 078	1 397	1 009
Sales clerks, retail trade	120 386	140 374	160 775	70 580	77 896	103 346	150 488	176 788	184 626	162 999	75 145	35 512	51 032	30 912
General merchandise stores	49 605	70 602	79 914	31 445	34 725	47 431	67 936	79 393	83 827	71 819	32 929	14 368	19 798	10 037
Food stores	19 077	14 070	11 245	7 549	8 949	12 425	18 239	19 581	20 028	19 419	7 740	4 355	5 686	3 848
Apparel and accessories stores	19 211	23 727	28 490	11 773	13 041	16 666	26 162	32 799	35 263	33 142	16 523	8 112	12 836	8 180
Other sales clerks, retail trade	32 493	31 975	41 126	19 813	21 181	26 824	38 151	45 015	45 508	38 619	17 953	8 477	12 712	8 827
Salesmen, retail trade	2 470	3 313	5 639	3 733	3 658	5 207	6 407	7 462	7 953	6 788	2 994	1 389	2 062	1 380
Motor vehicles and accessories dealers	—	205	684	517	572	601	583	524	323	41	323	41	55	119
Salesmen of services and construction	8 728	8 164	11 827	5 563	4 683	6 412	7 483	8 138	7 578	5 972	3 346	1 315	2 370	1 467
Sales workers—allocated	6 141	12 998	25 204	17 606	16 727	14 734	15 223	14 979	14 534	11 166	6 872	4 006	3 442	7 234
Clerical and kindred workers	258 416	840 571	2 140 490	1 108 819	882 022	910 625	1 058 348	1 086 208	893 807	664 908	289 121	135 592	152 803	92 742
Bank tellers	14 416	14 143	54 448	27 939	23 034	23 290	24 498	23 112	13 876	8 323	3 034	1 326	1 071	673
Billing clerks	1 060	5 694	19 465	8 879	7 882	7 494	9 225	9 156	7 705	5 510	2 468	1 407	1 120	512
Bookkeepers	10 075	49 030	175 037	117 529	115 832	129 136	164 699	172 835	145 701	110 060	49 325	22 305	28 854	16 783
Cashiers	77 302	89 257	109 838	58 051	54 691	62 607	70 251	67 658	58 214	43 816	17 858	7 517	9 695	5 304
Clerical assistants, social welfare	39	116	118	73	4 029	25	108	74	106	69	41	19	20	23
Clerical supervisors, n.e.c.	65	474	3 520	4 458	4 029	4 851	6 839	8 033	6 615	5 756	1 963	808	659	257
Collectors, bill and account	193	568	3 443	2 333	1 387	1 688	2 130	1 944	2 287	1 378	525	338	489	288
Counter clerks, except food	8 349	14 692	24 977	12 100	11 088	12 082	15 740	17 093	15 401	12 599	5 881	2 928	3 226	1 734
Dispatchers and starters, vehicle	191	14 442	1 915	1 138	1 059	1 397	1 338	1 428	924	888	279	286	98	134
Enumerators and interviewers	466	1 991	7 009	6 072	6 835	7 414	8 030	7 381	5 283	3 165	1 104	770	879	473
Estimators and investigators, n.e.c.	776	6 289	21 894	11 091	7 962	8 664	11 023	10 589	9 910	8 055	3 112	1 350	1 489	1 258
Expeditors and production controllers	135	1 747	8 778	5 566	4 008	4 645	4 733	6 110	4 912	3 173	1 338	621	3 325	2 269
File clerks	20 152	49 097	75 998	23 386	17 626	18 970	23 378	25 578	24 050	19 546	8 234	3 938	3 953	2 295
Insurance adjusters, examiners, and investigators	18	1 287	7 306	4 028	2 058	1 885	2 169	2 633	1 482	1 270	468	121	196	55
Library attendants and assistants	8 619	14 465	21 138	6 513	4 299	6 081	8 626	8 976	7 638	6 879	3 153	1 320	1 815	1 404
Mail carriers, post office	173	1 114	3 373	2 402	2 426	2 516	2 516	2 332	1 544	1 296	325	274	387	199
Mail handlers, except post office	1 737	8 839	11 501	3 801	2 931	3 706	4 360	5 208	4 779	4 076	1 953	993	1 141	600
Messengers, including telegraph, and office boys	1 427	2 692	3 061	986	432	506	755	543	492	600	224	187	274	179
Meter readers, utilities	18	58	177	43	105	113	58	194	102	27	—	41	—	56
Office machine operators	3 944	37 283	118 650	63 659	44 751	38 618	36 903	31 516	24 143	16 324	6 194	2 624	2 984	1 340
Bookkeeping and billing machine	742	4 843	15 115	7 941	6 048	5 116	5 542	4 606	4 065	3 173	1 337	337	790	340
Calculating machine	178	1 893	5 479	2 618	2 372	3 712	3 712	3 138	3 692	3 138	1 286	983	968	368
Computer and peripheral equipment	217	2 773	9 991	5 656	3 955	3 311	3 062	3 796	1 578	204	387	204	163	78
Duplicating machine	200	1 256	2 745	873	816	1 240	1 158	1 191	1 191	64	234	64	145	21
Key punch	2 062	23 982	79 154	43 578	29 163	23 249	20 405	15 660	10 183	5 860	2 132	863	495	437
Tabulating machine	41	265	1 073	788	520	484	520	413	254	89	19	19	22	—
Office machine, n.e.c.	504	2 271	5 093	2 204	1 895	2 034	2 173	2 447	3 180	2 134	729	154	401	241
Payroll and timekeeping clerks	604	4 090	17 859	11 087	9 879	10 033	14 065	14 468	12 306	8 947	3 929	1 689	1 489	603
Postal clerks	648	3 704	13 360	10 357	8 338	8 889	11 465	10 881	9 932	7 135	2 769	1 306	1 692	782
Proofreaders	219	1 369	4 119	1 490	1 486	2 229	2 252	2 252	2 460	2 102	1 319	393	547	442
Real estate appraisers	—	38	65	71	101	43	53	128	164	102	90	—	—	61
Receptionists	8 863	30 572	73 119	30 203	21 676	22 867	26 226	27 540	23 082	18 022	7 330	3 747	5 403	3 704

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Clerical and kindred workers—Continued														
Secretaries.....	23 556	163 009	631 802	349 003	246 355	238 535	262 833	275 993	218 142	151 999	64 584	30 024	33 765	17 531
Secretaries, legal.....	246	3 215	21 942	14 104	9 108	7 164	6 475	7 413	6 040	4 956	2 539	1 039	1 283	845
Secretaries, medical.....	333	2 588	16 230	9 160	6 912	6 051	7 722	6 663	5 894	4 558	1 892	731	803	388
Shipping and receiving clerks.....	689	5 554	9 784	5 660	5 574	6 366	8 120	7 945	7 203	4 911	1 544	792	729	446
Statistical clerks.....	1 481	9 600	32 185	16 257	12 075	13 179	16 849	19 746	16 806	12 926	5 866	2 406	2 134	1 102
Stenographers.....	886	10 386	28 974	12 906	8 386	8 570	10 289	12 992	11 145	9 300	4 090	1 838	2 240	952
Stock clerks and storekeepers.....	3 333	7 122	15 526	9 270	8 189	10 136	12 833	12 949	12 905	9 132	3 547	1 433	1 819	546
Teacher aides, except school monitors.....	3 249	6 052	15 187	10 666	15 961	20 104	18 166	15 060	8 851	4 564	1 217	515	833	513
Telephone operators.....	43	199	830	435	262	235	500	342	196	397	84	126	108	88
Telephone operators.....	10 358	49 232	88 705	35 890	30 046	32 865	42 017	36 751	25 754	24 461	12 915	6 667	6 103	3 311
Ticket, station, and express agents.....	204	1 455	11 342	8 184	3 765	2 851	2 588	2 182	1 651	1 452	566	283	288	225
Typists.....	27 991	120 558	247 474	98 076	72 044	69 032	80 014	85 740	65 562	49 223	21 671	10 115	11 081	5 276
Weighers.....	262	515	1 379	1 129	1 175	1 463	1 415	1 531	1 634	1 351	312	151	169	83
Miscellaneous and not specified clerical workers.....	23 886	74 279	179 288	87 376	72 835	80 177	99 844	106 988	94 223	70 585	31 633	14 709	16 591	9 921
Occupation:														
Miscellaneous clerical workers.....	5 435	21 303	66 672	32 208	25 708	26 557	32 457	32 129	28 873	21 505	9 495	4 153	4 699	2 869
Not specified clerical workers.....	18 451	52 976	112 616	55 168	47 127	53 620	67 387	74 859	65 350	49 080	22 138	10 556	11 892	7 052
Industry:														
Manufacturing.....	2 227	8 262	23 238	13 559	11 146	13 066	14 529	16 628	13 696	9 436	4 499	1 721	1 678	1 103
Transportation, communications, and other public utilities.....	917	7 200	27 540	12 427	9 559	9 608	11 908	10 376	7 905	4 836	2 159	1 151	721	409
Wholesale and retail trade.....	7 789	17 351	29 698	16 065	15 198	16 162	21 067	23 375	19 721	14 804	6 833	3 095	4 170	1 924
Finance, insurance, and real estate.....	2 538	14 194	36 822	15 255	10 946	10 709	13 321	13 506	10 042	7 577	4 174	2 132	1 621	1 184
Professional and related services.....	5 525	16 513	33 606	14 273	11 610	12 577	15 215	16 040	15 830	12 577	5 012	2 828	3 149	2 157
Public administration.....	1 305	4 127	14 803	8 913	7 971	10 183	14 449	17 103	15 584	12 261	5 588	2 216	2 869	1 282
All other industries.....	3 565	6 432	13 581	6 884	6 405	7 692	9 355	9 960	8 981	6 563	1 566	1 566	2 433	1 862
Clerical and kindred workers—allocated	15 937	56 558	99 806	62 712	52 324	48 538	51 463	50 327	45 454	35 454	18 156	10 225	9 084	13 294
Craftsmen and kindred workers	6 195	16 792	59 209	51 944	49 331	55 652	67 478	71 777	63 779	51 731	21 806	10 027	12 065	9 975
Automobile accessories installers.....	17	21	60	51	2	2	74	52	64	49	24	24	—	—
Bakers.....	396	732	1 712	1 786	2 075	2 819	3 826	4 634	5 366	4 778	2 137	989	1 386	592
Cabinetmakers.....	59	162	507	408	541	231	421	210	299	299	86	61	94	72
Carpet installers.....	22	54	127	54	52	95	91	101	25	83	20	25	59	19
Construction craftsmen.....	822	1 874	6 252	5 908	4 904	5 011	6 086	6 237	4 680	3 738	2 026	842	1 519	1 476
Brickmasons and stonemasons.....	42	118	353	237	317	121	233	306	240	202	20	53	17	54
Brickmasons and stonemasons, apprentices.....	—	7	25	23	35	13	—	21	—	24	20	—	—	—
Bulldozer operators.....	25	31	125	96	137	117	201	192	148	77	149	14	—	33
Carpenters.....	200	600	1 540	1 354	1 224	1 230	1 208	1 409	918	763	529	193	554	398
Carpenter apprentices.....	22	23	56	54	140	155	108	163	107	142	55	21	19	—
Cement and concrete finishers.....	13	299	1 342	1 386	802	1 124	1 035	1 222	806	402	198	65	131	160
Electricians.....	—	—	76	48	—	27	12	—	—	—	—	—	33	11
Electrician apprentices.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Excavating, grading, and road machine operators, except bulldozer.....	29	73	312	354	273	153	282	381	311	239	77	62	104	68
Floor layers, except tile setters.....	15	517	1 439	1 411	1 416	1 316	1 842	1 752	1 392	1 081	539	262	401	302
Painters, construction and maintenance.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Painter apprentices.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paperhangers.....	—	—	—	37	44	74	155	103	207	156	170	20	60	58
Plasterers.....	—	18	112	63	67	56	132	—	21	18	—	—	—	22
Plasterer apprentices.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plumbers and pipe fitters.....	126	58	526	398	265	344	556	387	360	387	181	120	165	269
Plumber and pipe fitter apprentices.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Roofers and slaters.....	35	73	189	158	53	86	139	20	36	77	43	16	21	15
Structural metal craftsmen.....	—	19	125	154	59	135	103	126	75	140	16	16	45	63
Tile setters.....	20	29	39	36	88	39	25	81	42	—	24	—	—	34

8 Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Craftsmen and kindred workers—Continued														
Cronemen, derrickmen, and hoistmen	56	86	284	104	166	264	293	179	222	221	23	126	—	127
Decorators and window dressers	979	1 677	5 437	3 318	3 882	3 882	5 066	4 793	5 426	3 720	2 006	917	1 487	986
Dental laboratory technicians	110	348	1 745	666	666	884	666	759	271	201	134	19	134	20
Electric power linemen and cablemen	46	90	165	129	223	178	155	72	91	35	23	—	—	17
Engravers, except photoreproducers	124	122	267	215	287	199	345	336	339	244	42	—	—	18
Foremen, n.e.c.	248	1 110	6 807	10 530	11 412	15 176	18 953	20 661	18 529	14 786	5 716	2 695	2 328	1 615
Construction	23	56	88	138	242	191	202	94	131	32	53	40	78	108
Manufacturing	135	534	3 287	6 302	7 498	9 875	12 072	13 198	11 979	8 996	3 483	1 672	1 102	819
Metal industries	—	21	237	362	351	320	444	474	471	357	159	60	100	81
Machinery, except electrical	26	—	117	227	227	310	393	460	228	264	62	65	21	63
Electrical machinery, equipment, and supplies	—	35	529	887	994	1 400	1 454	1 773	1 227	817	157	84	84	53
Transportation equipment	—	40	133	222	267	157	325	425	250	199	61	26	20	62
Other durable goods	41	114	307	785	924	1 138	1 387	1 564	1 689	1 251	324	240	174	145
Food and kindred products	—	—	144	257	466	871	871	1 069	1 061	1 005	335	108	39	102
Textiles, textile products, and apparel	68	266	1 132	2 292	2 757	4 236	4 873	4 703	4 719	3 451	1 553	723	465	170
Other nondurable goods, including not specified manufacturing	—	58	688	1 270	1 452	1 578	2 373	2 730	2 334	1 652	832	367	199	143
Transportation	—	29	38	247	217	162	349	151	158	129	27	—	19	36
Communications, and utilities and sanitary services	—	36	311	563	594	501	518	685	612	430	94	44	40	77
Wholesale and retail trade	90	377	1 454	1 873	1 502	2 413	3 053	3 394	3 048	2 829	811	417	573	214
All other industries	20	78	1 629	1 407	1 399	1 934	2 759	3 139	2 601	2 370	1 248	522	516	361
Furniture and wood finishers	41	119	452	452	461	390	620	483	410	376	129	57	94	45
Furriers	—	—	16	20	—	62	84	108	99	73	44	—	—	—
Glaziers	—	87	192	222	18	191	88	60	35	65	20	—	—	16
Inspectors, scalers, and graders; log and lumber	41	49	248	188	205	323	404	387	199	98	79	—	—	17
Inspectors, n.e.c.	62	151	1 020	970	982	791	1 197	1 209	1 264	999	370	111	209	17
Construction	—	—	40	19	41	29	12	18	41	25	—	—	—	—
Railroads and railway express service	—	—	23	—	—	26	—	58	—	64	—	—	—	—
Jewelers and watchmakers	25	133	544	735	333	601	342	456	478	376	224	—	83	69
Locomotive engineers	—	—	12	15	12	19	71	46	198	85	—	—	—	—
Locomotive firemen	609	21	108	25	—	—	—	—	36	25	—	—	23	—
Mechanics and repairmen	13	136	6 848	5 732	5 161	5 057	6 329	6 400	5 452	4 375	1 531	761	867	1 229
Air conditioning, heating, and refrigeration	22	94	155	160	117	96	94	120	50	97	16	105	18	18
Aircraft	46	57	407	524	554	376	733	790	737	328	174	105	18	10
Automobile body repairmen	270	402	1 814	1 444	1 085	931	1 338	1 313	1 130	873	300	194	292	98
Automobile mechanics	21	21	20	—	—	—	—	—	—	—	—	—	—	327
Automobile mechanic apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Data processing machine repairmen	—	45	134	116	111	98	81	74	57	19	41	—	12	—
Farm implement	—	16	64	86	18	21	—	41	74	35	—	—	—	—
Heavy equipment mechanics, including diesel mechanics	91	311	1 409	1 259	1 275	1 024	1 213	1 459	1 177	1 034	274	164	223	358
Household appliance and accessory installers and mechanics	33	130	196	344	388	386	249	261	232	187	80	45	40	162
Loom fixers	—	—	81	21	—	—	80	40	19	24	—	—	—	—
Office machine	24	42	186	124	66	94	123	50	65	22	61	—	19	—
Radio and television	71	227	735	457	479	655	609	956	514	571	217	116	116	77
Railroad and car shop	—	—	39	57	18	47	17	51	67	69	40	36	29	16
Mechanics, except auto, apprentices	—	25	153	43	—	20	40	18	40	—	20	25	—	—
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	39	252	1 237	734	630	1 038	1 338	836	925	839	215	67	100	140
Manufacturing	19	129	497	322	199	442	428	391	428	469	38	42	65	22
Not specified mechanics and repairmen	49	15	211	300	299	225	307	314	198	149	113	—	62	23
Manufacturing	191	15	143	197	158	120	156	314	129	67	110	—	41	—
Metal craftsmen, except mechanics	—	973	4 528	3 857	3 600	4 247	4 303	4 950	3 793	2 635	1 110	441	—	667
Blacksmiths	21	—	—	36	23	22	4	21	60	43	120	—	—	—
Boilermakers	—	—	28	52	18	57	81	20	46	51	20	—	—	47

*Includes transportation, communications, and other public utilities—allocated.

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Craftsmen and kindred workers—Continued														
Metal craftsmen, except mechanics—Continued														
Forgemen and hammermen	—	—	92	38	95	261	176	41	20	65	37	19	15	—
Heat treaters, annealers, and temperers	—	—	38	32	40	38	22	90	74	141	—	—	—	—
Job and die setters, metal	—	—	184	183	365	338	216	300	280	174	43	64	18	20
Machinists	75	453	1 891	1 418	1 153	1 458	1 378	1 527	1 148	820	473	169	173	257
Machinist apprentices	16	43	71	34	41	22	17	—	—	—	—	—	—	—
Millwrights	—	18	39	93	142	120	129	149	73	109	57	21	64	16
Molders, metal	—	135	1 023	812	811	771	940	893	741	331	79	59	27	—
Molder apprentices	—	—	—	—	—	—	16	—	—	—	—	—	—	—
Pattern and model makers, except paper	21	82	143	142	101	264	299	302	286	138	22	54	21	35
Rollers and finishers, metal	58	77	434	450	325	472	384	606	416	357	18	—	62	90
Sheetmetal workers and tinsmiths	30	15	14	30	22	39	69	21	—	—	—	—	—	—
Sheetmetal apprentices	16	85	510	455	339	287	533	619	419	284	241	55	38	202
Tool and die makers	—	35	21	—	—	—	—	—	—	—	—	—	—	—
Tool and die maker apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Millers, grain, flour, and feed	28	161	155	48	43	21	20	—	25	20	17	—	38	23
Motion picture projectionists	160	410	1 321	509	602	500	742	1 059	480	508	159	24	40	18
Opticians, and lens grinders and polishers	—	—	—	57	36	19	16	56	—	—	—	—	—	—
Piano and organ tuners and repairmen	—	18	157	39	134	61	81	63	20	87	44	—	17	—
Power station operators	780	2 903	8 476	6 811	6 092	6 100	7 605	7 973	6 165	4 753	2 152	730	864	667
Printing craftsmen	235	723	1 964	1 911	1 743	1 665	2 807	2 477	2 514	2 120	934	316	344	287
Bookbinders	279	1 313	3 931	2 609	2 407	2 681	2 482	2 557	1 992	1 322	648	258	357	282
Compositors and typesetters	—	86	161	48	18	—	—	20	—	—	—	—	—	—
Printing trades apprentices, except pressmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrotypers and stereotypers	81	147	715	39	52	19	16	—	60	44	17	—	14	—
Photoengravers and lithographers	185	700	1 796	1 599	1 437	1 293	1 678	1 801	1 111	1 034	490	156	106	98
Pressman and plate printers, printing	—	—	—	—	19	—	39	—	—	—	—	—	—	—
Pressman apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shoe repairmen	171	290	611	540	478	557	684	707	631	743	361	148	101	27
Sign painters and letterers	99	122	431	210	140	100	177	67	70	151	38	22	37	54
Stationary engineers	80	122	282	365	120	469	241	444	282	230	74	47	136	16
Stone cutters and stone carvers	19	—	—	22	119	57	95	39	87	51	24	24	19	—
Tailors	165	647	1 529	1 469	1 375	2 070	2 310	3 226	2 860	3 598	1 476	751	1 076	923
Telephone installers and repairmen	41	322	1 726	1 001	809	978	1 093	940	425	28	161	71	42	73
Telephone linemen and splicers	24	11	197	115	83	39	—	97	57	28	20	20	237	175
Upholsterers	70	279	1 030	916	1 081	1 161	1 218	1 617	1 363	973	230	183	237	140
Craftsmen and kindred workers, n.e.c.	196	477	1 448	773	817	701	964	1 273	1 540	522	239	20	140	98
Former members of the Armed Forces	—	160	598	288	42	40	114	132	75	60	—	—	17	—
Craftsmen and kindred workers—allocated	494	1 224	4 022	3 188	2 828	2 372	2 743	2 529	3 037	2 278	1 067	923	483	946
Operatives, except transport	52 552	174 200	522 674	443 251	421 297	458 951	537 808	557 605	501 187	401 511	164 734	68 563	70 496	56 004
Asbestos and insulation workers	—	—	56	60	68	20	72	74	74	18	21	17	—	41
Assemblers	3 537	23 106	78 745	59 446	52 798	56 641	65 646	68 090	55 701	36 513	11 827	3 697	3 552	2 048
Blasters and powdermen	—	—	—	38	22	28	61	70	18	24	45	—	—	—
Bottling and canning operatives	311	727	1 757	1 975	1 914	2 293	2 923	2 768	2 771	2 531	1 202	331	327	184
Chainmen, rodmen, and axmen, surveying	—	—	46	25	11	19	19	11	18	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	1 866	10 231	37 323	33 290	32 753	37 213	47 510	53 044	48 736	35 592	12 538	4 809	3 054	2 066
Clothing ironers and pressers	1 477	3 837	11 827	11 597	13 499	16 618	20 144	19 338	18 694	15 342	6 876	2 508	2 794	1 879
Cutting operatives, n.e.c.	800	1 649	5 823	4 497	5 222	4 948	5 524	6 133	5 864	4 886	1 777	1 170	638	469
Dressmakers and seamstresses, except factory	602	1 389	3 265	3 699	4 530	5 700	8 890	11 159	12 635	15 534	7 969	4 565	7 480	9 189
Drillers, earth	—	—	149	149	435	338	429	512	520	387	119	22	96	93
Dry wall installers and lathers	21	73	33	58	100	47	47	36	36	24	41	—	21	—
Dyers	—	—	378	277	123	199	212	267	242	208	37	21	24	—
Garage workers and gas station attendants	1 755	1 716	2 039	958	871	676	933	952	754	883	343	256	301	262

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States		16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.															
Operators, except transport—Continued															
Graders and sorters, manufacturing	280	1 281	2 725	2 928	3 016	3 787	4 350	3 880	3 065	1 267	516	446	229		
Produce graders and packers, except factory and farm	401	809	1 757	2 014	2 566	3 028	3 425	3 421	3 184	1 112	474	434	236		
Laundry and drycleaning operatives, n.e.c.	3 022	4 514	8 870	7 404	9 036	13 159	14 534	15 044	13 770	5 828	2 905	3 690	2 066		
Meat cutters and butchers, except manufacturing	209	714	948	1 339	1 015	1 865	1 498	1 334	1 433	629	81	217	247		
Meat cutters and butchers, manufacturing	200	850	2 556	2 455	2 306	2 332	2 399	2 098	1 433	585	211	218	173		
Meat wrappers, retail trade	991	1 644	3 543	3 857	6 635	6 109	6 941	5 270	3 213	968	220	217	127		
Metalworking operatives, except precision machine	1 014	6 403	21 141	20 745	21 038	22 997	23 438	18 079	12 286	4 346	1 440	1 140	781		
Filers, polishers, sanders, and buffers	319	1 210	3 439	2 984	3 036	3 351	3 196	2 501	1 569	851	224	315	59		
Furnacemen, smelters, and pourers	—	101	259	471	211	247	386	247	128	109	49	15	—		
Heaters, metal	—	—	57	39	22	18	22	—	—	—	—	—	—		
Metal platers	19	138	441	327	404	445	332	264	246	101	40	—	—		
Punch and stamping press operatives	195	1 550	5 585	6 302	5 739	7 318	8 558	6 711	4 695	1 616	559	236	—		
Riveters and fasteners	85	624	1 813	1 484	1 531	1 687	2 169	1 105	887	213	106	91	—		
Solders	204	1 325	5 140	4 125	4 097	4 465	5 003	3 808	2 448	868	252	291	97		
Welders and flame-cutters	192	1 455	4 037	5 013	4 187	4 434	3 772	3 205	2 223	588	210	192	306		
Milliners	—	49	79	68	120	210	180	265	401	119	167	193	281		
Mine operatives, n.e.c.	85	309	765	470	380	559	586	539	370	119	94	59	86		
Cool mining	—	23	166	56	33	109	66	86	122	119	—	17	—		
Crude petroleum and natural gas extractions	85	218	508	337	278	432	471	340	198	119	94	42	—		
Mining and quarrying, except fuel	—	68	91	77	69	18	49	113	50	—	—	—	—		
Mixing operatives	78	238	264	371	312	343	383	422	274	42	58	30	—		
Oilers and greasers, except auto	70	82	119	91	235	352	131	269	182	47	43	20	—		
Packers and wrappers, except meat and produce	8 219	17 191	41 003	33 504	33 516	44 212	44 845	40 716	29 426	11 643	4 021	3 721	2 002		
Painters, manufactured articles	202	998	3 048	2 623	3 940	2 012	2 319	1 813	1 195	393	261	166	237		
Photographic process workers	713	2 427	5 343	3 434	2 792	3 343	3 769	2 611	1 735	815	344	518	396		
Precision machine operatives	179	1 492	4 657	4 084	4 464	5 012	4 792	4 847	3 884	1 293	505	396	485		
Drill press operatives	71	644	1 886	1 482	1 572	2 343	3 037	2 212	1 521	533	232	93	113		
Grinding machine operatives	19	202	861	952	1 051	930	1 423	869	690	178	103	123	153		
Lathe and mixing machine operatives	43	242	924	765	920	764	1 203	906	906	323	93	77	156		
Precision machine operatives, n.e.c.	46	404	986	885	921	1 053	1 059	860	737	259	77	103	63		
Sailors and deckhands	—	61	54	65	104	—	66	38	617	—	35	26	22		
Sawyers	57	326	1 165	952	1 208	1 095	1 214	884	617	262	79	66	51		
Sewers and stitchers	7 231	31 586	96 315	87 231	80 159	105 397	108 384	101 732	92 262	40 798	16 775	18 537	10 664		
Shoemaking machine operatives	678	1 977	5 281	3 918	3 096	5 010	4 573	4 504	4 093	1 409	715	632	341		
Stationary firemen	127	432	1 163	1 025	1 078	1 052	972	849	807	311	106	185	123		
Textile operatives	2 148	9 108	31 465	25 927	25 382	29 774	29 666	26 376	24 135	10 002	3 173	2 620	1 453		
Curling, lapping, and combing operatives	61	125	584	384	400	881	656	641	650	403	118	103	19		
Knitters, loopers, and tappers	157	728	2 426	2 197	2 124	2 488	2 029	1 697	1 715	899	273	302	118		
Spinners, twistors, and winders	870	3 287	12 132	10 506	10 440	13 068	12 795	11 894	11 714	4 856	1 488	816	504		
Weavers	140	539	2 715	2 596	2 648	3 600	3 865	2 873	3 053	1 070	249	337	277		
Textile operatives, n.e.c.	920	4 429	13 608	10 244	9 770	9 965	10 321	9 271	7 003	2 774	1 045	1 062	535		
Winding operatives, n.e.c.	209	1 573	4 673	3 859	3 075	4 328	4 542	3 654	2 462	974	260	372	135		
Miscellaneous and not specified operatives	9 568	34 245	102 691	83 963	79 812	99 286	100 570	87 661	63 998	24 815	10 044	9 721	6 218		
Occupation:															
Machine operatives, miscellaneous specified	3 543	12 949	41 773	34 149	34 936	42 027	42 003	35 333	26 208	9 772	4 305	3 749	2 935		
Machine operatives, not specified	823	6 633	20 531	18 626	20 297	20 489	20 539	18 208	12 287	4 703	1 370	1 464	905		
Miscellaneous operatives	3 524	9 902	28 309	21 277	22 022	24 536	25 216	23 241	16 796	7 089	3 068	3 268	2 174		
Not specified operatives	1 678	4 761	12 078	9 911	10 037	12 234	12 812	10 679	8 727	3 251	1 301	1 240	904		

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Operatives, except transport—Continued														
Miscellaneous and not specified operatives—Continued														
Industry:														
Manufacturing	6 857	28 512	89 861	75 613	70 853	78 276	89 025	89 378	78 086	56 834	21 286	8 573	7 613	4 712
Durable goods	2 404	13 500	45 942	39 139	35 771	39 412	43 185	43 437	36 455	25 382	8 869	2 971	2 534	1 816
Lumber and wood products, except furniture	52	482	1 338	1 663	1 553	1 275	1 467	1 346	1 264	843	393	123	170	91
Furniture and fixtures	113	773	2 439	1 803	1 683	1 925	1 663	1 643	1 599	930	330	120	100	75
Stone, clay, and glass products	88	634	2 352	2 352	1 710	2 470	2 769	2 769	2 181	1 528	530	226	187	149
Glass and glass products	50	236	1 000	1 473	1 170	782	1 156	922	801	432	19	84	44	10
Cement, concrete, gypsum, and plaster products	48	114	1 114	61	135	45	96	140	42	62	19	—	—	—
Other stone, clay, and glass products	38	350	1 238	818	794	1 643	1 677	1 707	1 338	1 034	444	142	143	139
Primary metal industries	16	490	1 596	1 615	1 488	1 483	1 465	1 734	1 296	814	496	104	102	88
Blast furnaces, steelworks, and rolling and finishing mills	—	23	155	221	154	136	130	131	195	144	21	—	35	22
Other primary iron and steel industries	16	105	495	258	422	412	306	629	262	220	106	28	46	34
Primary nonferrous industries	—	362	946	1 136	912	935	1 029	974	839	450	369	76	21	32
Fabricated metal industries, including not specified metal	266	1 456	3 907	3 132	3 572	3 722	4 229	4 514	4 096	2 314	1 324	296	216	253
Cutlery, hand tools, and other hardware	25	172	538	573	732	606	781	1 119	861	464	282	79	43	26
Fabricated structural metal products	27	261	641	305	372	335	319	377	411	145	128	—	—	19
Screw machine products, & metal stamping	85	452	1 115	676	863	1 070	1 107	1 038	1 103	542	275	24	65	34
Miscellaneous fabricated metal products and not specified metal	129	571	1 593	1 578	1 605	1 711	2 022	1 980	1 721	1 163	639	193	108	174
Machinery, except electrical	106	774	2 992	2 842	2 719	2 697	3 466	3 930	2 777	1 795	585	175	342	127
Farm machinery and equipment	—	69	64	82	82	179	179	142	54	62	83	17	23	—
Construction & material handling machines	—	19	155	48	36	38	59	56	250	59	114	46	94	45
Metalworking machinery	—	78	586	595	506	599	464	769	376	149	—	—	—	—
Office and accounting machines, and electronic computing equipment	61	215	1 010	795	872	503	895	759	506	473	95	48	66	—
Other machinery, except electrical	45	393	1 177	1 322	1 248	1 372	1 818	2 204	1 591	1 052	274	64	159	82
Electrical machinery, equipment, and supplies	688	5 050	17 318	14 615	12 265	13 710	14 071	14 376	11 775	7 951	2 084	738	365	353
Household appliances	82	280	1 022	810	734	732	414	645	682	43	43	17	—	19
Radio, T.V., and communication equipment	213	1 634	5 171	4 542	3 642	4 211	4 111	3 418	2 648	1 915	506	67	140	38
Electrical machinery, equipment, and supplies, n.e.c.	312	2 756	9 731	8 451	7 204	7 717	8 582	9 222	7 600	5 018	1 317	619	166	296
Not specified electrical machinery, equipment, and supplies	81	380	1 394	812	685	1 030	964	1 091	845	575	218	35	59	—
Transportation equipment	66	751	3 419	2 774	2 573	3 584	4 111	3 434	2 759	2 396	465	310	127	101
Motor vehicles & motor vehicle equipment	22	465	2 017	1 615	1 481	2 110	2 200	1 980	1 636	1 550	352	98	87	66
Aircraft and parts	23	115	834	790	587	967	1 380	1 015	1 004	744	79	196	21	35
Other transportation equipment	21	171	568	369	505	507	531	439	119	102	34	16	19	—
Professional and photographic equipment, and watches	159	653	2 863	2 406	1 970	2 337	2 271	2 672	2 259	1 417	742	174	165	130
Professional equipment and supplies	126	490	1 972	1 447	1 408	1 678	1 706	2 050	1 642	1 062	587	112	71	56
Ordnance	—	284	1 197	966	775	1 205	1 049	1 049	1 011	677	207	85	27	46
Miscellaneous manufacturing industries	828	2 090	6 360	4 884	4 964	5 112	6 012	5 808	5 285	4 498	1 680	620	733	463
Durable goods—allocated	22	63	161	103	137	110	187	162	153	219	33	—	—	—
Non-durable goods	4 430	14 719	42 767	35 785	34 301	38 018	44 566	45 016	40 974	31 004	12 318	5 567	5 060	2 896
Food and kindred products	1 282	2 682	7 926	7 107	7 006	8 078	9 236	9 236	9 704	2 860	2 860	1 535	1 325	747
Dairy products	358	702	2 054	2 054	1 645	2 251	2 410	1 648	2 002	1 436	395	209	176	66
Meat products	47	40	401	309	128	248	340	137	290	219	43	22	38	—
Canning and preserving fruits, vegetables, and seafoods	614	906	2 841	2 042	2 837	3 034	3 583	3 688	4 050	3 787	1 471	733	536	228
Bakery products	166	114	586	871	692	824	906	1 208	821	556	178	118	62	18
Beverage industries	—	114	205	160	92	202	119	423	243	164	142	38	90	72
Other food and kindred products	97	701	1 839	1 480	1 612	1 519	2 310	2 152	2 298	1 824	631	415	423	363

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

United States		16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.															
Operatives, except transport—Continued															
Miscellaneous and not specified operatives—Continued															
Industry—Continued															
Manufacturing—Continued															
Nondurable goods—Continued															
Tobacco manufactures															
Apparel and other fabricated textile products															
Apparel and accessories															
Miscellaneous fabricated textile products															
Paper and allied products															
Pulp, paper, and paperboard mills															
Miscellaneous paper and pulp products															
Paperboard containers and boxes															
Printing, publishing, and allied industries															
Printing, publishing, and allied industries, except newspapers															
Chemicals and allied products															
Industrial chemicals															
Synthetic fibers															
Soaps and cosmetics															
Other chemicals and allied products															
Petroleum and coal products															
Rubber and miscellaneous plastic products															
Rubber products															
Miscellaneous plastic products															
Leather and leather products															
Tanned, curried, and finished leather															
Footwear, except rubber															
Leather products, except footwear															
Nondurable goods—allocated															
Not specified manufacturing industries															
Nonmanufacturing industries															
Construction															
Railroads and railway express service															
Transportation, except railroads															
Communications, and utilities and sanitary services															
Wholesale trade															
Retail trade															
Business and repair services															
Public administration															
All other industries															
Operatives, except transport—allocated															
Transport equipment operatives															
Boatmen and canalmen															
Bus drivers															
Conductors and motormen, urban rail transit															
Deliverymen and routemen															
Fork lift and low motor operatives															
Motormen; mine, factory, logging camp, etc															
Parking attendants															
Railroad brakemen															
Railroad switchmen															
Taxicab drivers and chauffeurs															
Truck drivers															
Trucking service															
Transport equipment operatives—allocated															

Includes transportation, communications, and other public utilities—allocated.

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Total, 16 years old and over, shown in table 2; median shown in table 1. Data based on a 5-percent sample, see text. For meaning of symbols, see text.

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.														
Laborers, except farm	16 374	21 702	43 218	27 776	26 579	30 885	32 178	32 625	28 259	22 873	9 834	4 533	5 818	5 034
Animal caretakers, except farm	1 254	1 430	3 305	1 583	1 439	1 727	1 285	1 271	1 012	782	269	242	1 147	88
Carpenters' helpers	80	42	266	222	160	120	113	68	68	—	—	—	—	29
Construction laborers, except carpenters' helpers	383	571	1 700	966	634	1 156	1 090	1 339	814	732	361	173	329	450
Fishermen and oystermen	38	157	184	103	80	84	139	142	84	178	19	—	41	596
Freight and material handlers	954	2 129	6 859	4 500	4 569	4 825	4 872	4 940	3 849	2 505	1 151	392	558	—
Garbage collectors	81	41	126	64	90	85	37	111	195	129	20	16	23	—
Gardeners and groundskeepers, except farm	437	791	987	461	821	914	660	1 001	970	730	509	310	724	424
Longshoremen and stevedores	—	19	127	100	67	79	18	103	100	151	15	—	39	48
Lumbermen, raftsmen, and woodchoppers	94	163	295	180	136	182	226	153	324	198	67	16	32	75
Stock handlers	8 428	9 308	13 632	8 690	9 078	10 657	11 944	12 116	10 109	8 003	3 243	1 533	1 883	1 291
Teamsters	22	54	65	39	21	17	—	21	20	39	—	—	—	—
Vehicle washers and equipment cleaners	1 030	989	2 158	1 254	1 201	1 211	1 281	1 095	1 226	1 097	602	324	217	256
Warehousemen, n.e.c.	62	175	547	510	532	515	444	552	436	372	135	61	77	80
Miscellaneous and not specified laborers	2 491	4 162	9 897	6 973	5 630	7 301	8 198	7 603	7 230	6 288	2 533	1 020	1 315	894
Occupation:														
Miscellaneous laborers	596	1 216	2 709	1 575	1 677	2 144	2 205	2 298	1 955	1 468	794	241	301	327
Not specified laborers	1 895	2 946	7 188	5 398	3 953	5 157	5 993	5 305	5 275	4 820	1 739	779	1 014	567
Industry:														
Manufacturing	941	2 543	6 498	4 665	3 633	4 926	5 074	4 428	4 163	3 515	1 368	352	361	227
Durable goods	379	1 105	3 317	2 667	2 088	2 953	3 115	2 294	2 107	1 856	714	122	130	112
Lumber and wood products, except furniture	26	105	160	203	186	146	315	255	193	139	54	—	—	36
Furniture and fixtures	39	77	280	180	61	236	169	192	176	78	54	—	—	—
Stone, clay, and glass products	21	61	260	184	62	257	86	42	149	103	20	21	—	—
Cement, concrete, gypsum, and plaster products	—	—	46	46	—	—	—	—	54	—	—	—	—	—
Structural clay products	—	41	57	37	62	196	86	42	35	103	61	21	—	—
Other stone, clay, and glass products	21	20	181	101	—	—	—	—	60	—	—	—	—	—
Primary metal industries	34	90	283	159	182	238	144	155	253	149	62	24	—	19
Blast furnaces, steel works, and rolling and finishing mills	17	56	80	77	18	105	25	100	82	39	37	—	—	19
Other primary iron and steel industries	17	34	141	63	44	96	78	34	113	69	—	24	—	—
Primary nonferrous industries	—	—	—	19	—	—	—	—	—	—	—	—	—	—
Fabricated metal industries, including not specified metal	106	281	593	465	398	545	399	649	413	254	184	—	38	19
Fabricated structural metal products	23	36	62	60	85	108	39	85	—	59	—	—	—	—
Machinery, except electrical	12	66	312	130	19	270	136	89	95	120	42	17	15	19
Electrical machinery, equipment, and supplies	64	350	730	621	448	437	469	286	281	329	84	20	—	19
Transportation equipment	56	19	231	217	223	246	153	161	140	78	22	40	—	19
Motor vehicles & motor vehicle equipment	19	19	117	42	146	136	110	66	86	11	22	19	—	19
Ship and boat building and repairing	—	—	47	88	41	16	—	25	54	18	—	21	—	—
Other transportation equipment	37	36	67	87	36	94	43	70	—	49	—	—	—	—
Professional and photographic equipment, and watches	—	51	81	15	132	57	127	23	74	76	36	—	—	—
Ordnance	—	17	136	132	171	162	385	202	133	178	44	—	—	—
Miscellaneous manufacturing industries	21	163	251	343	206	343	286	221	200	352	105	—	59	18
Manufacturing, durable goods—allocated	—	—	—	18	—	16	—	19	—	—	—	—	—	—
Nondurable goods	562	1 207	2 978	1 894	1 524	1 902	2 387	2 081	2 056	1 659	610	216	231	115
Food and kindred products	73	489	941	528	341	604	850	699	835	548	272	77	53	84
Meat products	18	101	301	234	59	221	308	126	220	176	66	19	20	19
Dairy products	—	—	24	38	18	59	48	41	20	—	16	—	—	—
Canning and preserving fruits, vegetables, and seafoods	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grain-mill products	55	229	341	156	118	234	319	318	374	229	95	40	15	65
Beverage industries	—	66	18	40	—	—	44	50	20	—	20	—	—	—
Other food and kindred products	—	16	34	86	86	37	36	19	33	19	21	18	—	—
Other food and kindred products	—	77	223	60	60	53	95	145	188	124	54	—	18	—

Table 3. Age of the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Total, 16 years old and over, shown in table 2, median shown in table 1. Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over
Female experienced civilian labor force—Con.													
Service workers, except private household—Con.													
Food service workers—Continued													
Waiters	116 820	106 282	143 834	99 235	88 987	93 908	98 573	86 119	69 863	47 378	17 342	9 529	4 866
Food service workers, n.e.c., except private household	18 346	17 139	19 506	13 097	16 478	22 379	28 183	32 567	33 014	28 070	5 590	8 368	4 419
Health service workers	33 289	77 119	187 675	106 255	93 104	99 818	106 118	107 159	99 520	86 420	16 458	19 308	11 720
Dental assistants	4 780	12 021	25 844	10 076	6 534	6 747	7 751	6 253	4 622	3 798	1 299	613	535
Health aides, except nursing	5 440	7 735	19 943	10 447	8 205	8 292	9 736	10 148	9 427	7 902	3 320	1 507	772
Health trainees	343	5 214	9 517	718	473	490	359	315	269	105	77	21	90
Lay midwives	21	—	62	128	72	35	75	30	—	118	119	41	—
Nursing aides, orderlies, and attendants	22 233	47 012	95 014	58 991	57 091	60 698	64 600	65 781	61 231	53 102	9 828	11 554	6 037
Practical nurses	472	5 137	37 295	25 895	20 729	23 556	23 597	24 630	23 971	21 395	4 557	5 593	4 286
Personal service workers	20 156	42 503	167 562	91 132	61 467	61 661	70 348	74 789	73 182	63 470	13 342	21 514	16 202
Airline stewardesses	26	351	20 311	8 885	2 032	777	556	267	49	54	46	18	60
Attendants, recreation and amusement	3 929	3 692	3 320	1 398	916	1 325	1 191	1 160	901	778	355	347	303
Attendants, personal service, n.e.c.	1 833	2 800	5 363	3 238	2 158	2 474	3 081	3 714	4 210	4 762	1 014	2 183	1 341
Baggage porters and bellhops	21	43	27	89	62	40	39	—	60	693	—	41	19
Barbers	44	308	1 002	769	755	814	1 148	1 081	541	693	107	161	149
Boarding and lodging house keepers	47	57	124	151	128	201	369	355	643	907	209	914	901
Bootblacks	47	35	24	59	17	20	—	37	38	39	—	—	20
Child care workers, except private household	7 446	5 979	14 004	11 248	10 754	10 899	9 937	10 166	10 372	11 577	3 750	6 247	5 531
Elevator operators	208	649	1 994	623	487	842	1 046	1 369	1 519	1 081	621	390	240
Handressers and cosmetologists	3 917	24 056	112 134	58 693	35 355	32 913	40 028	42 563	39 675	29 540	9 747	6 238	4 330
Personal service apprentices	193	100	219	66	48	108	78	78	41	—	—	—	—
Housekeepers, except private household	526	2 641	7 370	3 408	3 534	4 904	7 035	9 751	11 247	11 599	2 620	4 079	2 792
School monitors	254	684	1 205	1 519	3 915	4 699	4 266	3 122	2 556	1 290	199	341	170
Ushers, recreation and amusement	1 755	1 079	753	1 113	13	50	208	150	145	145	—	62	104
Welfare service aides	103	129	931	939	1 341	1 723	1 444	1 054	1 241	1 005	503	490	252
Protective service workers	268	1 090	3 991	5 095	6 386	7 940	9 779	9 249	6 762	4 613	997	1 239	1 531
Crossing guards and bridge tenders	24	78	397	1 491	2 935	3 942	4 876	4 682	3 388	2 173	650	387	370
Firemen, fire protection	202	603	1 704	1 436	996	1 581	2 176	2 110	1 676	1 494	46	72	198
Guards and watchmen	—	—	—	23	38	—	71	—	—	—	880	589	591
Marshals and constables	20	230	1 465	1 826	1 821	1 816	2 131	2 044	1 259	729	142	59	288
Police officers and detectives	—	171	1 054	1 577	1 522	1 435	1 668	1 487	911	579	125	19	158
Public	20	59	411	249	299	381	463	557	348	150	17	40	130
Private	—	—	200	155	268	287	197	285	225	84	85	108	59
Sheriffs and bailiffs	22	30 794	64 691	46 706	42 445	37 468	39 530	39 160	37 609	31 162	10 339	8 948	17 243
Service workers, except private household—allocated	19 302	37 148	71 128	64 632	71 970	83 412	104 479	120 728	137 659	151 004	83 710	81 829	71 459
Private household workers	60 142	37 148	71 128	64 632	71 970	83 412	104 479	120 728	137 659	151 004	83 710	81 829	71 459
Occupation:													
Child care workers, private household	47 426	21 927	26 783	17 169	13 541	10 199	11 274	12 362	14 625	18 274	11 053	13 202	13 442
Cooks, private household	145	214	852	1 206	1 051	2 233	2 842	3 422	3 913	5 090	2 999	3 429	2 929
Housekeepers, private household	1 281	2 069	3 864	3 715	4 904	6 287	8 683	10 529	13 391	16 480	8 600	8 921	7 829
Laundresses, private household	171	112	367	383	414	773	1 077	762	1 261	1 479	802	1 177	1 615
Maid and servants, private household	9 859	10 491	26 214	29 036	39 084	52 205	68 900	81 710	92 668	98 314	53 622	51 199	38 793
Private household workers—allocated	1 260	2 335	13 048	13 123	12 976	11 715	11 703	11 943	11 801	11 367	4 335	3 901	6 851
Living arrangement:													
Living in	626	1 735	4 519	4 277	3 645	3 878	4 637	6 208	7 482	10 049	6 085	7 472	8 653
Housekeepers, private household	62	236	599	1 063	720	946	1 289	1 547	2 191	3 305	1 136	2 225	2 823
Maid and servants, private household	216	611	2 394	2 266	2 037	2 433	2 730	3 465	4 424	5 619	3 547	4 218	5 089
Living out	59 516	35 413	66 609	60 355	68 325	79 534	99 842	114 520	130 177	140 955	77 625	74 557	62 806
Unemployed persons, last worked 1959 or earlier	374	412	563	2 342	6 221	10 012	11 620	10 989	8 982	7 529	4 335	6 046	13 794

Table 4. Age of Wage and Salary Workers in the Experienced Civilian Labor Force by Selected Occupation and Sex: 1970

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over	Median age (years)
Male wage and salary workers	44 396 456	1 870 937	5 172 041	4 548 013	4 743 292	4 494 834	4 817 929	4 726 156	4 192 774	5 174 872	865 772	930 303	599 329	36.9
Professional, technical, and kindred workers	6 249 442	74 739	731 892	1 126 372	916 502	803 796	728 872	649 326	471 774	503 394	78 645	86 444	57 183	36.6
Accountants	474 196	2 577	53 038	90 693	58 411	51 316	52 331	50 894	41 790	49 814	8 045	8 874	5 945	38.1
Airplane pilots	51 501	1 147	1 924	8 421	11 378	8 181	8 556	4 535	4 854	1 742	82	136	108	37.4
Architects	38 062	111	2 684	6 895	6 433	5 053	5 153	4 535	2 464	3 186	491	662	318	37.8
Engineers	209 957	2 733	74 858	171 317	179 804	178 177	178 291	169 345	113 455	107 483	15 135	12 968	6 026	39.9
Civil	169 689	74	10 389	21 728	25 658	23 282	24 628	21 315	13 952	18 874	3 385	3 704	1 827	40.6
Lawyers	109 051	194	4 006	27 838	19 443	13 310	12 165	9 170	7 567	9 705	1 814	1 906	1 828	36.1
Geologists	17 412	71	770	2 175	2 542	3 086	3 505	2 846	1 044	1 041	120	66	146	40.1
Physicians, dentists, and related practitioners	211 507	459	10 258	41 169	35 159	27 884	23 026	19 817	14 763	20 261	5 035	8 018	5 605	38.3
Dentists	12 014	287	2 887	2 176	1 694	1 710	1 326	1 519	911	1 044	290	541	516	40.5
Pharmacists	75 228	300	7 241	12 093	8 564	8 562	7 764	6 628	5 204	9 358	2 656	4 194	2 628	40.5
Physicians, medical and osteopathic	111 948	64	2 141	24 254	23 670	16 051	12 329	10 065	7 530	8 854	1 907	2 939	2 106	36.8
Health workers, except practitioners	127 302	3 543	25 749	24 331	17 346	13 000	11 667	10 619	7 702	8 862	1 066	1 286	8 992	32.6
Religious workers	199 228	1 138	8 880	17 634	22 716	26 026	26 657	22 649	20 986	28 923	5 680	8 581	8 992	44.3
Teachers, except college and university, n.e.c.	32 023	1 059	4 784	4 760	4 056	3 331	3 200	3 046	2 541	2 253	371	601	399	34.7
Writers, artists, and entertainers	462 595	6 514	64 141	71 602	61 821	52 319	51 835	44 772	34 458	39 189	6 347	7 770	6 217	36.1
Authors, editors, and reporters	98 706	1 722	10 865	14 508	13 258	11 393	12 302	10 899	8 246	9 221	1 808	1 009	1 875	38.7
Designers	78 042	88	7 330	14 084	12 973	11 148	9 370	7 854	5 611	6 410	908	1 008	1 775	36.8
Painters and sculptors	48 136	237	6 451	8 295	6 398	5 931	5 931	4 958	3 754	3 791	552	764	370	36.6
Photographers	42 004	337	6 451	8 295	6 398	5 931	5 931	4 958	3 754	3 791	552	764	370	36.6
Other professional, technical, and kindred workers	3 316 608	10 523	480 800	659 537	497 393	421 813	354 980	303 077	220 150	230 935	34 459	35 576	20 831	34.6
Managers and administrators, except farm	4 425 807	8 939	228 675	437 461	493 841	540 743	634 523	632 292	533 762	614 660	93 365	107 475	73 222	43.8
Bank officers and financial managers	260 155	1 000	16 669	40 309	37 639	34 394	32 741	29 224	23 430	29 569	5 704	5 704	4 901	40.1
Buyers, purchasing agents, and sales managers	660 715	1 001	39 370	74 400	83 861	86 376	96 861	93 050	73 431	81 378	10 983	10 499	5 497	42.1
Managers and superintendents, building	39 974	69	1 960	3 117	2 807	2 807	3 808	4 490	5 189	8 442	2 955	2 841	2 841	50.9
Restaurant, cafeteria, and bar managers	130 875	1 421	16 982	18 058	15 251	13 853	15 693	13 667	11 616	14 022	2 251	2 269	1 647	38.5
Other specified managers and administrators	992 024	1 793	48 002	85 883	96 148	110 853	136 763	145 455	134 412	158 634	24 437	29 131	16 027	45.4
Managers and administrators, n.e.c.	2 342 064	4 555	105 692	215 688	258 565	292 460	348 657	346 206	286 684	322 328	48 643	56 917	42 309	44.0
Manufacturing	622 675	241	14 325	46 989	65 633	83 694	100 914	104 632	84 627	86 871	12 152	12 122	9 416	44.9
Wholesale trade	215 986	205	6 570	17 727	20 888	25 165	31 666	31 874	28 943	35 001	5 363	6 169	5 661	45.8
Retail trade	576 536	2 525	49 741	74 730	71 129	64 713	73 191	69 713	59 881	69 628	10 345	13 872	9 679	41.2
Sales workers	2 931 792	120 056	314 910	372 875	304 706	285 656	312 085	302 753	264 266	324 852	55 288	84 192	67 038	39.0
Hucksters and peddlers	16 951	1 075	2 190	2 189	1 613	1 363	1 696	1 346	1 208	1 468	462	462	744	37.3
Insurance agents, brokers, and underwriters	346 311	237	31 588	53 696	44 173	42 077	45 255	42 979	33 742	34 011	5 178	6 549	5 981	40.1
Real estate agents and brokers	116 491	57	4 240	9 652	10 442	11 493	13 554	14 856	14 565	20 010	4 191	6 467	6 525	47.8
Sales representatives, manufacturing industries	367 803	1 381	21 611	55 446	49 188	47 839	49 377	44 291	35 769	40 327	6 071	7 896	6 243	40.6
Sales representatives, wholesale trade	542 040	2 205	42 023	78 567	67 344	60 699	66 950	64 685	55 633	66 246	9 570	13 351	9 509	41.1
Salesmen and sales clerks, retail trade	1 062 314	71 302	164 049	111 014	81 350	74 152	87 017	92 019	85 826	119 089	20 936	37 213	27 851	35.9
Other sales workers	479 882	44 088	49 209	62 310	50 596	48 033	48 236	42 577	37 523	43 701	8 880	11 905	10 185	36.2
Clerical and kindred workers	3 676 888	103 450	590 930	452 978	329 819	310 938	353 015	365 755	337 407	412 503	65 875	83 023	59 551	37.4
Collectors, bill and account	31 641	624	9 332	5 900	3 001	2 165	1 757	1 996	1 425	2 601	582	1 180	762	29.7
Insurance adjusters, examiners, and investigators	70 098	115	6 700	13 524	11 195	8 880	9 045	8 242	5 163	5 148	754	751	581	37.0
Other clerical and kindred workers	3 575 149	103 134	574 898	433 554	315 623	299 893	342 213	355 517	330 819	404 754	64 539	81 092	58 208	37.5
Craftsmen and kindred workers	9 691 487	74 519	972 510	1 201 961	1 085 057	1 057 767	1 169 770	1 168 287	1 053 003	1 253 473	181 557	162 844	80 655	41.0
Apparel craftsmen and upholsterers	84 106	869	7 880	8 887	8 261	7 575	8 151	8 910	8 595	13 610	3 407	3 087	3 407	43.7
Bakers	70 123	2 021	2 732	6 929	6 712	7 036	7 679	7 276	7 263	11 777	1 732	1 799	1 111	42.3
Blocksmiths	6 562	146	6 434	3 665	4 433	2 295	618	877	1 025	1 463	265	345	278	50.5

Table 4. Age of Wage and Salary Workers in the Experienced Civilian Labor Force by Selected Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text!

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over	Median age (years)
Male wage and salary workers—Continued															
Craftsmen and kindred workers—Continued															
Cabinet makers	53 058	756	1 898	5 356	5 580	5 316	5 203	5 677	5 736	4 841	8 434	1 390	1 717	1 174	42.1
Construction craftsmen	2 567 344	19 433	59 686	255 981	307 005	284 192	282 631	307 627	306 210	275 900	345 859	51 113	49 785	21 915	41.2
Carpenters	745 539	6 035	18 427	70 996	79 923	72 947	72 947	83 820	89 525	90 722	116 299	17 132	18 023	9 167	43.1
Electricians	457 974	1 010	7 417	49 883	66 229	54 970	53 654	56 070	53 589	45 622	53 675	7 700	5 939	2 216	39.6
Masons and tile setters	178 929	1 694	4 805	17 650	22 066	21 224	23 038	26 439	22 553	14 194	17 689	3 111	3 182	1 284	39.8
Painters, construction and maintenance, and paperhangers	263 305	5 980	10 019	27 368	26 438	24 987	25 017	27 143	28 093	28 869	40 857	6 990	7 801	3 743	42.2
Plumbers and pipefitters	359 172	1 267	6 459	36 021	44 679	40 817	37 978	42 006	45 011	39 001	49 124	7 066	6 994	2 749	41.5
Other construction craftsmen	562 425	3 447	12 559	54 063	67 640	69 701	69 997	72 149	67 439	57 499	68 215	9 114	7 846	2 756	40.3
Dental laboratory technicians	16 191	189	426	2 455	2 600	1 635	1 411	1 848	1 620	1 384	1 725	270	410	218	37.8
Mechanics and repairmen	2 251 695	26 257	69 518	261 559	321 696	267 223	243 522	263 097	255 520	223 380	244 782	33 891	28 359	12 891	38.7
Air conditioning, heating, and refrigeration	105 840	985	2 302	10 962	15 133	13 335	12 481	13 745	12 464	10 753	10 563	1 418	1 187	512	35.9
Automobile, including body	809 477	14 019	39 906	119 443	119 970	95 927	82 747	86 249	81 642	69 367	75 833	10 439	9 573	4 362	35.9
Radio and television	107 317	2 271	3 676	14 857	16 978	13 667	12 808	14 453	11 683	7 938	6 978	916	759	333	35.9
Other mechanics and repairmen	1 229 061	8 982	23 634	116 297	148 650	144 251	135 486	149 731	151 408	135 322	151 408	21 118	16 840	7 684	40.5
Printing craftsmen	322 450	3 483	11 403	38 038	44 309	40 877	36 233	38 808	36 882	25 314	36 709	6 443	6 969	3 165	38.2
Shoe repairmen	11 681	255	1 403	778	1 217	959	926	1 041	1 188	1 092	1 911	429	776	363	45.8
Other craftsmen and kindred workers	4 308 277	21 258	81 289	393 973	503 373	469 449	472 935	535 161	550 268	504 202	587 203	83 716	69 277	36 173	42.0
Operatives, except transport															
Garage workers and gas station attendants	6 473 071	200 605	410 479	968 739	869 001	687 848	604 185	642 708	651 945	608 105	776 207	106 104	94 699	50 446	36.6
Laundry & drycleaning operatives, including ironers	100 168	92 580	94 098	76 076	31 477	19 970	15 731	16 639	15 274	14 422	21 233	4 303	7 332	4 675	21.3
Meat cutters and butchers	229 959	4 046	6 039	9 774	8 228	8 091	7 999	10 112	11 352	10 082	15 633	3 021	4 020	1 771	42.9
Other operatives, except transport	5 927 134	99 784	301 167	857 327	799 782	632 620	558 552	591 404	602 682	562 434	708 500	94 017	77 994	40 871	37.4
Transport equipment operatives															
Deliverymen and routemen	2 791 351	44 728	103 856	322 850	345 193	325 082	309 315	338 646	310 453	273 536	309 002	43 092	45 194	20 404	39.1
Taxicab drivers and chauffeurs	587 020	26 193	42 246	88 175	75 362	64 524	57 133	58 590	54 808	46 338	53 676	7 198	8 433	3 341	34.8
Truck drivers	1 350 376	6 328	29 791	130 689	170 615	174 505	169 479	188 828	166 532	137 688	141 365	16 024	13 959	4 573	39.8
Other transport equipment operatives	722 260	11 477	28 577	87 439	87 313	74 896	72 236	77 966	74 661	74 025	92 647	16 031	16 236	8 756	39.9
Laborers, except farm															
Fishermen and oystermen	13 672	550	352 389	511 638	328 455	254 143	243 026	259 868	255 688	249 750	343 363	54 957	66 738	43 026	32.5
Gardeners and groundskeepers, except farm	264 974	26 508	19 446	30 389	18 957	17 034	15 521	17 748	19 141	21 584	39 652	8 907	16 836	13 251	35.9
Lumbermen, ransimen, and woodchoppers	65 762	2 941	4 075	9 740	7 798	7 305	6 819	6 603	5 654	5 951	6 530	878	940	528	35.7
Other laborers, except farm	2 945 601	296 969	328 162	469 678	299 990	227 986	219 480	234 192	229 744	221 214	295 653	44 968	48 604	28 961	31.7
Farmers and farm managers															
Farm laborers and farm foremen	67 775	400	525	4 377	7 344	7 125	7 383	7 114	7 311	7 941	10 705	2 124	2 775	2 651	44.7
Service workers, except private household															
Food service workers	3 787 456	341 247	269 760	424 222	335 343	279 244	273 007	308 889	318 782	329 501	525 529	102 498	160 582	118 852	39.5
Barbers	875 326	199 663	119 395	119 462	60 592	48 518	46 691	51 897	51 307	39 413	76 430	13 547	21 978	13 403	25.0
Cooks, except private household	123 798	166	992	13 921	13 169	10 514	11 062	13 332	13 100	14 951	19 659	3 481	5 856	3 614	44.5
Personal service workers	307 948	55 839	38 470	37 433	23 773	21 563	19 367	21 964	22 066	21 725	29 993	5 237	6 888	3 688	29.7
Barbers	284 354	23 255	1 089	8 019	30 523	23 012	20 603	19 580	19 970	19 084	32 525	7 360	12 858	12 924	35.7
Hairdressers and cosmetologists	68 469	28 482	1 339	6 813	7 570	6 764	5 079	4 846	5 326	4 846	8 444	1 869	4 024	3 825	39.4
Other service workers, except private household	2 627 776	117 939	129 317	263 538	244 228	207 714	205 713	237 412	247 475	258 004	416 574	81 591	125 746	92 525	31.9
Private household workers															
Private household workers	36 505	3 599	1 768	3 110	2 085	1 726	2 225	2 926	3 418	3 025	5 726	1 318	2 630	2 949	46.2

Table 4. Age and Salary Workers in the Experienced Civilian Labor Force by Selected Occupation and Sex: 1970—Continued

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over	Median age (years)	
																Female wage and salary workers
Accountants	4 474 403	19 285	67 245	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Lawyers	171 799	491	4 641	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Physicians, dentists, and related practitioners	8 281	95	58	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Registered nurses	32 572	67	814	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Religious workers	796 876	792	5 268	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Teachers, except college and university, n.e.c.	23 053	179	460	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Writers, artists and entertainers	49 063	2 078	1 781	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other professional, technical, and kindred workers	204 999	4 042	8 885	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Managers and administrators, except farm	3 187 960	11 541	45 338	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Buyers, purchasing agents, and sales managers	859 751	2 215	9 802	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Restaurant, cafeteria, and bar managers	128 404	230	1 967	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other managers and administrators, except farm	68 240	290	2 677	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Retail trade	663 107	1 693	7 166	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
All other industries	123 299	461	1 714	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other sales workers	539 808	1 232	5 452	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Demonstrators, hucksters, and peddlers	2 070 007	143 098	174 142	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Insurance and real estate agents and brokers	115 613	1 805	2 937	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Sales clerks, retail trade	122 957	506	2 165	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Salesmen, retail trade	1 441 506	119 613	136 529	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other sales workers	50 107	2 453	3 269	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other sales workers	339 824	18 721	26 242	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Clerical and kindred workers	2 070 007	143 098	174 142	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Bookkeepers	1 214 668	257 185	9 985	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Cashiers	713 717	30 882	88 937	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Secretaries	2 664 309	23 439	162 660	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other clerical and kindred workers	5 691 730	146 728	538 211	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Craftsmen and kindred workers	509 568	6 042	16 265	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Bakers	30 084	396	1 643	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Decorators and window dressers	35 184	952	1 621	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other craftsmen and kindred workers	444 302	4 694	13 912	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Operatives, except transport	4 357 399	52 106	173 491	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Dressmakers and seamstresses, except factory	67 292	4 466	8 315	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Laundry & drycleaning operatives, including ironers	251 600	7 171	31 553	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Sewers and stitchers	877 143	39 892	132 408	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other operatives, except transport	3 161 364	39 892	132 408	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Transport equipment operatives	132 384	2 362	3 474	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Labors, except farm	289 741	16 054	21 324	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Farmers and farm managers	3 692	114	230	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Farm laborers and farm foremen	134 240	9 720	8 947	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Service workers, except private household	4 750 810	263 521	332 039	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Food service workers	1 979 305	175 403	1 64 192	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Cooks, except private household	521 089	11 777	14 086	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Waiters and food counter workers	1 084 820	133 144	122 805	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other food service workers	373 396	30 482	27 301	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Health service workers	1 066 647	33 234	76 995	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Practical nurses	221 866	22 472	5 119	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Personal service workers	605 201	17 590	40 446	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Boarding and lodging housekeepers	1 581	-	82	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Hairdressers and cosmetologists	288 943	3 620	22 895	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other personal service workers	314 677	13 960	17 551	1 682 619	4 600 082	3 009 034	2 492 087	2 626 498	3 032 911	3 127 189	2 798 250	3 347 322	490 357	594 378	412 419	38.6
Other service workers, except private household	1 099 657	37 304	50 4													

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed					College	Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Elementary		High school		1 to 3					4	5 or more
	Less than 5	5 to 7	8	1 to 3								4
Male, 16 years old and over	1 582 564	3 637 294	4 796 031	10 631 063	15 631 499	6 418 736	3 539 792	3 299 502	13.8		
Total	49 536 472	6 992 250	536 900	17 381	1 381	1 178 610	1 651 817	2 395 525	57.9		
Professional, technical, and kindred workers	536 900	768	3 670	15 243	87 610	145 188	220 094	63 772	52.9		
Accountants	206	377	658	4 132	4 796	6 615	12 019	28 843	74.4		
Architects	140	517	220	4 434	49 828	64 012	57 664	35 109	43.8		
Computer specialists	119	168	287	2 478	33 095	32 881	32 881	17 178	39.0		
Computer programmers	21	52	205	1 513	14 020	18 947	22 008	15 072	51.6		
Computer systems analysts	—	—	25	141	2 713	2 904	2 775	2 859	49.3		
Computer specialists, n.e.c.	—	—	—	—	—	—	—	—	—		
Engineers	1 783	5 190	11 213	43 358	192 812	256 496	437 560	287 748	58.7		
Aeronautical and astronautical	74	71	325	1 374	8 131	15 514	24 547	20 486	97.4		
Chemical	30	148	30	3 638	2 426	3 772	24 094	22 513	96.9		
Civil	573	1 194	2 050	7 274	24 692	33 860	67 165	38 903	60.4		
Electrical and electronic	237	667	1 544	7 196	43 995	58 079	101 589	71 930	60.8		
Industrial	189 234	455	1 789	9 007	41 142	46 037	58 602	32 126	47.9		
Mechanical	183 576	1 948	2 947	8 822	27 910	34 905	66 323	40 238	58.0		
Metallurgical and materials	16 157	43	88	248	1 950	6 595	6 595	4 586	69.2		
Mining	4	40	88	285	1 661	1 137	1 963	91.4	64.5		
Petroleum	—	46	56	249	1 057	5 216	3 431	3 431	96.9		
Sales	110 414	105	436	9 419	16 137	22 817	8 336	8 336	95.7		
Engineers, n.e.c.	186 581	604	1 742	6 342	31 429	43 753	58 649	43 862	54.9		
Farm management advisors	7 323	22	41	63	370	239	3 325	3 263	90.0		
Foresters and conservationists	40 773	2 156	2 581	4 347	9 315	4 678	12 710	4 118	41.3		
Home management advisors	155	—	18	—	53	—	38	46	—		
Lawyers and judges	264 378	239	659	1 404	6 085	9 226	17 523	228 859	93.2		
Judges	12 281	96	236	527	1 079	1 053	8 899	8 368	75.5		
Lawyers	252 097	143	423	877	5 006	8 173	16 624	220 491	94.1		
Librarians, archivists, and curators	27 662	64	159	983	3 395	6 009	3 496	13 495	61.4		
Librarians	22 819	42	83	690	2 354	4 977	2 734	11 899	64.1		
Archivists and curators	4 843	22	76	293	1 041	1 032	762	1 596	48.7		
Mathematical specialists	23 836	21	70	468	2 452	3 294	8 143	9 388	72.7		
Actuaries	3 888	—	—	18	103	371	1 287	1 287	87.3		
Mathematicians	6 097	—	—	—	255	376	1 975	3 491	89.7		
Statisticians	13 851	21	70	450	2 094	2 547	4 059	4 610	62.6		
Life and physical scientists	181 206	335	1 403	3 857	15 416	19 314	54 336	85 838	77.4		
Agricultural	11 773	37	369	775	2 186	1 124	3 058	4 084	60.7		
Atmospheric and space	5 379	—	—	159	992	1 871	1 241	4 084	88.8		
Biological	19 111	20	117	260	662	1 216	5 065	11 771	57.9		
Chemists	98 470	244	894	2 357	9 688	13 135	32 137	39 471	88.1		
Geologists	20 182	19	—	150	538	1 247	7 430	10 798	90.3		
Marine	3 248	—	23	22	323	388	904	1 588	76.7		
Physicists and astronomers	21 992	15	—	116	972	1 016	4 195	15 655	90.3		
Life and physical, n.e.c.	1 051	—	—	18	55	72	306	600	86.2		
Operations and systems researchers and analysts	73 381	25	698	4 151	22 155	18 300	16 419	11 459	38.0		
Personnel and labor relations workers	203 711	1 402	3 281	11 104	49 874	43 969	58 470	35 079	45.9		
Physicians, dentists, and related practitioners	496 415	566	1 207	3 203	11 555	23 888	67 152	388 359	92.0		
Chiropractors	12 382	22	98	186	469	1 223	4 996	5 388	96.9		
Dentists	89 974	78	108	320	1 369	1 746	6 705	79 627	97.5		
Optometrists	16 840	22	101	272	651	1 339	3 978	10 414	96.0		
Pharmacists	97 893	171	639	1 739	5 016	16 104	40 526	33 415	85.5		
Physicians, medical and osteopathic	255 424	262	117	475	3 529	2 583	8 250	240 183	75.5		
Podiatrists	5 407	16	40	21	178	2 605	3 440	240 183	97.3		
Veterinarians	18 083	17	104	132	343	1 107	1 107	16 095	84.1		
Health practitioners, n.e.c.	412	19	—	58	107	107	39	189	95.4		
Registered nurses, dietitians, and therapists	53 302	841	1 178	4 223	13 214	13 531	7 833	12 187	37.6		
Dietitians	3 223	149	140	740	2 783	381	368	594	59.4		
Registered nurses	22 219	538	772	2 042	6 500	7 149	2 216	2 822	66.0		
Therapists	27 860	47	266	1 441	5 931	6 001	5 249	8 771	84.1		

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

Occupation	Years of school completed										Median school years completed	Percent completed high school or more	Percent completed 4 years of college or more
	Elementary		High school		College			5 or more					
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
United States													
Male, 16 years old and over—Con.													
Professional, technical, and kindred workers—Con.													
Health technologists and technicians	79 934	316	605	1 314	5 336	22 060	25 748	10 652	13 903	14.2	90.5	30.7	
Clinical laboratory technologists and technicians	33 848	60	79	522	1 720	8 053	11 468	5 979	5 947	14.7	93.0	35.3	
Dental hygienists	1 201	23	63	55	228	312	347	68	105	12.7	49.3	14.4	
Health record technologists and technicians	16 902	18	82	237	1 284	6 932	6 369	806	1 174	14.5	97.3	30.5	
Radiologic technologists and technicians	881	22	—	47	145	256	114	—	135	13.0	96.4	11.7	
Therapy assistants	26 410	193	381	453	1 940	6 319	7 176	3 593	6 355	12.9	75.7	33.7	
Health technologists and technicians, n.e.c.	232 262	1 385	3 775	4 460	9 132	17 253	28 547	30 933	136 777	17+	91.9	72.2	
Religious workers	216 540	1 311	3 610	4 102	8 133	15 380	25 351	28 495	130 158	17+	92.1	73.3	
Clergymen	15 722	74	165	358	999	1 873	3 196	2 438	6 619	16.5	89.8	57.6	
Religious workers, n.e.c.	90 601	180	38	357	1 311	6 357	10 430	23 680	48 248	17+	97.9	79.4	
Social scientists	59 604	62	—	271	995	5 105	8 397	20 118	24 656	16.7	97.8	75.1	
Economists	18 373	—	38	—	20	20	100	131	171	17+	97.1	79.9	
Political scientists	8 911	—	—	65	100	242	347	728	16 853	17+	98.9	95.7	
Psychologists	8 251	70	—	21	24	48	62	94	662	17+	95.1	83.0	
Sociologists	2 764	48	—	—	118	743	1 123	2 055	4 140	17.0	97.7	75.1	
Urban and regional planners	113 747	354	619	374	6 235	14 266	20 687	36 841	33 371	16.4	92.5	61.7	
Social scientists, n.e.c.	82 561	237	310	890	2 866	8 903	10 483	29 961	28 971	16.9	94.9	71.4	
Social and recreation workers	31 186	117	309	544	3 369	5 363	10 204	6 880	4 400	14.7	86.1	56.2	
Social	354 671	206	382	730	1 542	7 429	16 835	26 895	300 652	17+	99.2	92.4	
Recreation	4 903	—	—	24	18	76	125	564	4 096	17+	99.1	95.0	
Teachers, college and university	4 238	—	—	—	40	40	182	330	3 686	17+	100.0	94.8	
Agriculture	15 962	23	—	—	40	93	470	876	14 460	17+	99.6	96.1	
Atmospheric, earth, marine, and space	13 600	—	—	—	19	139	244	523	12 372	17+	99.9	97.0	
Biology	13 597	17	—	23	81	311	993	1 649	10 649	17+	99.1	89.5	
Chemistry	16 141	—	—	21	114	526	636	1 398	13 446	17+	99.2	92.0	
Physics	20 964	—	—	17	35	278	833	1 367	18 434	17+	99.8	94.5	
Engineering	14 817	—	—	13	65	216	629	629	13 619	17+	99.5	96.2	
Mathematics	9 074	—	24	—	—	20	194	424	8 412	17+	99.7	97.3	
Health specialties	9 489	—	—	—	19	183	236	800	8 251	17+	99.8	95.4	
Business and commerce	9 304	20	—	—	—	15	65	219	8 985	17+	99.8	98.9	
Economics	14 032	—	—	22	20	54	141	377	13 418	17+	99.7	98.3	
History	5 214	—	—	—	46	16	26	209	4 917	17+	99.1	98.3	
Sociology	10 069	—	—	—	20	98	185	380	9 396	17+	99.8	97.0	
Social science teachers, n.e.c.	19 992	16	22	43	91	486	1 165	1 491	16 678	17+	99.1	90.9	
Art, drama, and music	12 600	20	—	—	58	301	1 039	2 118	9 064	17+	99.4	88.7	
Coches and physical education	5 343	—	—	20	—	103	40	133	5 047	17+	99.6	96.9	
Education	22 928	—	20	22	49	105	440	1 409	20 905	17+	99.7	97.3	
English	11 310	—	23	—	44	145	598	459	10 022	17+	99.2	92.7	
Foreign language	2 808	—	—	—	41	16	22	21	228	17+	99.3	97.9	
Home economics	4 308	—	20	—	19	66	61	312	3 869	17+	100.0	97.1	
Law	2 744	14	—	18	18	534	536	1 474	99.3	99.3	60.3		
Theology	2 096	96	273	482	764	3 402	7 998	1 055	12 486	17+	99.6	96.1	
Trade, industrial, and technical	96 809	909	2 064	2 911	12 143	36 903	48 182	300 825	415 306	17.0	97.8	87.4	
Miscellaneous teachers, college and university	819 243	43	315	554	1 765	6 755	6 221	5 742	6 221	15.1	90.3	43.4	
Teachers, college and university, subject not specified	232 849	330	464	591	2 068	6 489	12 803	99 722	110 362	16.9	98.5	90.2	
Adult education	195 846	201	404	316	1 222	4 810	8 765	84 067	96 061	17.0	98.9	92.0	
Elementary school	37 003	129	60	275	846	1 679	4 038	15 655	14 321	16.7	96.5	81.0	
Public	2 340	43	52	19	256	569	343	15 663	595	16.1	84.2	53.8	
Private	1 236	23	16	54	203	114	114	495	331	16.4	92.5	66.8	
Prekindergarten and kindergarten	1 104	20	36	19	202	166	229	168	264	14.4	74.9	36.1	

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.

United States	Years of school completed						Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College				
	Less than 5	5 to 7	8	1 to 3	4	5 or more			
Total	510 768	633	536	11 459	16 820	187 347	291 411	17+	93.7
Teachers, except college and university—Continued	435 605	527	321	8 560	12 553	157 786	253 973	17+	94.5
Secondary school	75 163	106	215	2 899	4 267	7 561	37 438	17.0	89.1
Private	45 751	600	1 211	11 831	12 076	7 351	6 697	13.8	83.0
Teachers, except college and university, n.e.c.	750 138	6 467	14 223	334 185	255 671	44 094	30 761	12.9	88.6
Engineering and science technicians	22 493	82	1 074	8 859	5 910	1 807	1 480	12.8	80.3
Agriculture and biological, except health	51 553	110	1 161	18 946	16 016	4 257	6 141	13.1	88.0
Chemical	276 182	538	3 091	17 828	104 743	16 189	9 941	12.9	91.9
Draftsmen	154 746	327	2 139	12 903	53 427	5 684	2 786	12.8	89.4
Electrical and electronic engineering	19 193	64	388	76 484	5 492	1 184	543	12.7	90.0
Industrial engineering	13 461	41	571	9 319	3 556	1 210	725	12.8	83.3
Mechanical engineering	702	—	20	1 518	202	111	65	13.4	25.1
Mathematical	58 714	308	1 847	27 853	16 202	3 460	961	12.7	82.5
Surveyors	153 094	406	3 932	63 933	50 123	10 190	8 119	12.9	86.5
Engineering and science, n.e.c.	143 587	374	2 731	58 469	45 133	17 540	5 748	12.9	88.4
Technicians, except health, and engineering and science	53 312	40	310	15 921	19 614	11 465	3 328	14.2	27.7
Airplane pilots	24 429	39	211	13 821	6 857	1 255	374	12.7	6.7
Air traffic controllers	4 798	22	61	337	1 311	544	91.1	13.9	18.4
Embalmers	6 708	—	41	423	1 747	1 492	317	13.3	92.8
Flight engineers	21 185	106	1 260	2 667	5 190	777	245	12.5	4.8
Radio operators	2 507	37	—	3 693	9 924	279	175	13.4	18.1
Tool programmers, numerical control	30 648	167	848	14 439	8 626	1 728	970	12.7	84.1
Technicians, n.e.c.	59 827	20	210	725	6 160	7 391	42 191	17+	82.9
Vocational and educational counselors	554 123	2 191	11 385	147 198	157 011	109 143	68 714	14.1	87.0
Writers, artists, and entertainers	8 213	20	91	1 847	2 542	1 768	1 073	14.5	88.0
Actors	37 998	406	1 830	10 778	10 794	4 496	2 208	12.9	17.6
Athletes and kindred workers	18 069	21	128	3 024	5 421	4 049	4 492	15.9	95.9
Authors	1 271	—	—	394	299	199	96	12.9	23.2
Dancers	85 243	299	1 571	24 100	26 590	15 194	10 684	14.1	89.8
Designers	91 501	42	569	14 467	22 127	32 212	18 635	16.2	95.6
Editors and reporters	63 677	489	2 228	17 658	17 895	5 476	6 327	12.9	74.4
Musicians and composers	67 917	254	1 229	20 930	20 051	12 305	6 047	13.7	27.0
Painters and sculptors	56 526	98	810	23 658	15 424	4 594	1 756	12.7	80.4
Photographers	55 698	67	577	11 259	13 623	18 320	9 080	15.9	93.9
Public relations men and publicity writers	20 873	22	123	6 314	8 956	2 779	1 133	13.8	18.7
Radio and television announcers	47 137	473	1 021	11 769	13 289	6 959	7 626	14.0	91.9
Writers, artists, and entertainers, n.e.c.	88 583	127	432	7 785	12 770	15 676	49 881	17+	84.1
Research workers, not specified	293 762	3 648	5 684	54 747	96 501	51 365	42 410	14.3	97.2
Professional, technical, and kindred workers—allocated	5 394 585	49 825	276 000	1 746 292	1 099 066	899 634	520 249	12.9	77.8
Managers and administrators, except farm	17 500	474	797	6 682	4 139	2 268	699	12.8	78.8
Assessors, controllers, and treasurers; local public administration	260 360	332	2 083	10 418	68 836	72 216	34 980	15.0	94.8
Bank officers and financial managers	20 461	154	3 167	3 604	2 826	1 522	207	12.3	59.5
Buyers and shippers, farm products	127 258	476	5 946	17 632	29 659	19 632	4 191	12.8	78.2
Buyers, wholesale and retail trade	45 358	17	200	2 800	15 977	9 855	2 328	14.0	92.4
Credit men	33 468	203	1 086	2 539	16 570	2 984	1 865	13.8	87.2
Funeral directors	47 086	184	1 290	3 046	9 333	8 832	15 477	16.1	51.6
Health administrators	18 898	61	1 778	3 469	3 877	1 094	215	12.5	6.9
Construction inspectors, public administration	77 224	162	3 533	10 707	15 742	8 986	3 793	12.7	79.4
Inspectors, except construction; public administration	48 140	118	2 241	6 635	9 677	6 390	2 684	12.7	79.6
Federal public administration and postal service	19 436	24	458	2 389	4 021	1 932	795	12.7	81.7
State public administration	9 648	24	604	1 683	2 044	664	314	12.6	14.0
Local public administration	51 164	1 302	4 979	8 038	10 274	5 420	2 979	12.5	16.4
Managers and superintendents, building	130 695	223	2 536	9 123	38 031	25 785	6 574	13.4	90.3
Office managers, n.e.c.	25 379	1 377	3 069	5 926	2 521	1 279	309	11.4	45.5
Officers, pilots, and pursers, ship									

82 Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970 - Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Elementary					High school								College	
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more	1 to 3	4					
Total	196 471	2 862	6 951	18 195	58 058	40 013	36 605	33 265	13.9	85.5	35.6				
Managers and administrators, except farm - Con.	98 467	1 790	1 560	7 109	27 697	19 741	21 576	19 820	14.8	90.2	40.6				
Officials and administrators, public administration, n.e.c.	41 240	481	1 060	3 248	12 731	9 030	7 977	6 656	14.0	88.2	40.1				
Federal public administration and postal service	56 764	1 357	4 331	7 838	17 630	11 242	6 789	6 789	12.8	75.2	24.4				
Local public administration	40 618	1 591	2 275	7 376	12 029	6 946	6 663	3 876	12.8	72.7	25.9				
Officials of lodges, societies, and unions	24 027	1 122	1 006	2 699	12 569	5 326	1 890	463	12.7	84.3	9.8				
Postmasters and mail superintendents	142 549	1 082	3 183	12 949	50 162	38 296	7 905	87.6	13.3	25.6	1.2				
Purchasing agents and buyers, n.e.c.	41 072	1 883	3 679	12 076	18 606	4 113	296	178	12.1	56.5	8.6				
Railroad conductors	218 053	12 651	16 632	43 987	80 228	41 895	13 493	5 189	12.4	64.6	8.6				
Restaurant, cafeteria, and bar managers	162 772	2 688	6 091	23 138	67 005	37 643	20 810	4 813	12.7	80.0	15.7				
Sales managers and department heads, retail trade	247 958	1 059	3 403	17 655	67 605	66 056	70 867	20 801	14.5	90.9	37.0				
Sales managers, except retail trade	29 887	17	1 019	1 076	2 101	2 528	4 433	19 412	17.1	95.3	79.8				
School administrators, college	126 351	259	274	1 076	3 490	2 698	9 829	108 655	17.1	98.7	93.8				
School administrators, elementary and secondary	2 342 064	52 157	104 622	306 674	776 227	481 465	400 662	207 239	12.9	79.7	26.0				
Managers and administrators, n.e.c., salaried	240 339	11 313	9 979	48 205	83 224	41 691	25 658	8 200	12.5	66.1	14.1				
Construction	365 504	4 572	9 979	35 674	103 585	79 306	84 739	46 623	14.1	86.0	36.6				
Durable goods manufacturing	257 171	1 020	8 530	27 437	71 518	50 171	63 009	31 199	13.9	84.0	16.5				
Nondurable goods, incl. not specified manufacturing	117 141	2 498	6 121	18 296	44 829	25 383	14 115	5 341	12.7	85.0	26.7				
Transportation	91 135	1 412	3 355	8 632	33 595	17 189	7 155	19 569	13.0	80.0	23.8				
Communications, and utilities and sanitary services	215 986	1 082	8 742	26 746	75 429	48 376	38 788	12 701	12.9	81.2	33.8				
Wholesale trade	576 536	15 066	30 745	95 251	241 682	116 498	58 171	15 400	12.6	74.9	12.8				
Retail trade	47 755	991	2 576	6 854	18 930	10 628	6 381	2 239	12.7	77.9	16.0				
Hardware, farm equipment, and building material retailing	75 671	650	1 884	7 811	30 522	18 758	12 812	2 865	12.9	85.8	20.7				
General merchandise stores	123 079	3 425	6 732	23 428	58 886	21 139	6 586	1 776	12.5	68.7	6.8				
Food stores	96 774	1 912	5 061	17 372	43 135	18 639	8 345	1 968	12.5	74.5	10.7				
Motor vehicles and accessories retailing	64 528	4 687	7 067	17 656	24 735	6 997	482	1 867	12.1	52.8	3.6				
Gasoline service stations	38 658	1 158	1 533	4 906	14 461	10 063	5 616	1 788	12.9	82.6	19.2				
Apparel and accessories stores	36 403	2 296	4 634	17 498	36 346	8 404	4 757	1 490	12.8	80.5	17.2				
Furniture, home furnishings, and equipment stores	93 668	405	2 960	7 865	31 993	21 890	11 807	3 792	12.7	78.8	16.7				
Other retail trade	132 300	1 483	3 923	12 756	32 328	23 882	38 479	18 469	15.1	90.3	43.0				
Finance, insurance and real estate	112 092	2 192	3 923	12 756	32 328	23 882	38 479	18 469	15.1	90.3	43.0				
Business and repair services	61 495	2 392	4 326	14 907	21 326	13 580	6 227	2 140	12.6	70.3	13.6				
Personal services	172 365	3 120	6 288	14 905	36 718	32 554	31 401	46 417	15.2	65.3	45.1				
All other industries	772 212	51 131	84 038	153 892	268 712	121 084	56 477	20 782	12.3	60.5	10.0				
Managers and administrators, n.e.c., self-employed	140 640	9 936	16 286	33 111	50 068	18 362	7 449	2 499	12.2	55.7	7.1				
Construction	36 618	3 030	3 903	6 467	12 061	5 777	2 729	1 359	12.2	59.9	11.2				
Durable goods manufacturing	24 814	1 005	1 997	3 396	6 301	4 989	3 464	1 422	12.7	73.0	19.4				
Nondurable goods, incl. not specified manufacturing	18 563	1 572	2 686	4 094	5 698	2 651	1 009	300	12.1	52.0	7.1				
Transportation	2 031	54	172	559	638	242	106	133	12.2	55.1	11.8				
Communications, and utilities and sanitary services	52 585	3 459	4 811	8 642	18 142	9 618	5 256	1 586	12.5	65.8	13.0				
Wholesale trade	349 368	24 434	46 646	71 214	126 917	53 177	26 575	5 017	12.2	58.9	7.3				
Retail trade	27 055	999	2 719	3 932	10 683	5 395	2 490	711	12.5	71.1	11.7				
Hardware, farm equipment, and building material retailing	16 056	955	1 497	2 685	5 634	2 986	1 683	647	12.5	66.0	12.4				
General merchandise stores	85 244	9 004	11 676	19 190	28 733	9 593	2 769	596	11.9	48.9	3.9				
Food stores	23 847	416	1 337	2 532	4 244	2 295	364	65.0	12.4	11.2	1.2				
Motor vehicles and accessories retailing	97 547	7 590	13 053	24 576	37 761	10 420	1 459	503	12.0	51.6	2.0				
Gasoline service stations	14 581	684	907	1 942	5 001	3 549	1 726	741	12.7	74.1	15.4				
Apparel and accessories stores	23 613	971	2 082	3 702	4 884	2 232	1 479	479	12.5	70.6	11.5				
Furniture, home furnishings, and equipment stores	61 365	2 964	5 977	10 656	21 372	11 936	5 921	1 574	12.5	64.5	6.8				
Other retail trade	20 478	361	1 950	694	4 704	4 647	4 674	3 064	14.5	84.8	14.4				
Finance, insurance, and real estate	46 153	2 346	4 288	9 487	15 304	7 653	4 674	1 970	12.3	64.1	18.1				
Business and repair services	47 770	3 242	5 335	9 487	17 031	7 653	4 674	1 892	12.3	59.7	16.7				
Personal services	33 192	1 619	3 220	5 614	9 848	6 038	3 653	2 540	12.6	66.5	15.7				
All other industries	195 700	11 088	13 480	38 698	57 241	33 218	19 211	14 054	12.5	63.2	17.0				

*Includes transportation, communications, and other public utilities - allocated.

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College								
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more					
Total	3 363 507	87 322	158 532	585 641	1 145 402	772 910	440 892	138 018	12.7	74.2	17.2		
Male, 16 years old and over—Con.	34 790	87 322	158 532	585 641	1 145 402	772 910	440 892	138 018	12.7	74.2	17.2		
Sales workers	53 053	443	848	3 528	14 431	15 496	14 113	3 961	14.4	90.5	34.1		
Advertising agents and salesmen	5 001	302	689	1 031	2 039	593	218	44	12.2	57.9	5.2		
Auctioneers	3 776	107	226	647	1 285	1 059	320	60	12.7	60.3	10.1		
Demonstrators	26 303	1 904	2 619	5 276	8 045	5 266	1 576	971	12.3	88.0	26.9		
Hucksters and peddlers	405 502	3 950	9 219	34 788	140 485	107 118	85 546	23 505	13.4	20.7	1.8		
Insurance agents, brokers, and underwriters	57 452	2 209	4 261	38 496	6 841	3 984	775	283	10.7	82.8	25.3		
Newsboys	179 127	2 893	7 389	19 705	54 726	48 277	31 937	13 342	13.2	92.7	55.9		
Real estate agents and brokers	90 964	616	1 451	4 444	14 371	19 156	34 045	16 766	16.2	73.0	13.9		
Stock and bond salesmen	2 369 269	63 897	120 973	436 268	854 317	544 948	260 307	69 717	12.6	85.9	29.0		
Salesmen and sales clerks, n.e.c.	383 938	4 389	9 987	38 531	116 587	101 922	86 831	24 507	13.6	79.4	17.5		
Sales representatives, manufacturing industries	602 925	10 678	24 473	86 217	226 500	146 300	85 982	19 829	12.8	63.3	6.8		
Sales representatives, wholesale trade	822 662	31 491	52 041	207 748	292 089	172 291	43 572	12 563	12.4	70.0	6.2		
Sales clerks, retail trade	164 105	3 679	6 329	37 989	62 839	41 898	6 655	2 481	12.5	48.0	3.0		
General merchandise stores	125 077	3 935	12 342	38 862	39 625	16 684	3 024	758	11.8	65.3	5.7		
Food stores	131 992	1 118	6 026	35 378	45 817	32 857	5 815	1 672	12.4	64.6	8.7		
Apparel and accessories stores	401 488	14 656	27 344	95 519	143 808	80 852	27 078	7 652	12.4	68.6	6.9		
Other sales clerks, retail trade	406 207	13 833	28 316	81 975	147 587	83 143	22 798	5 330	12.5	68.1	6.2		
Salesmen, retail trade	210 283	7 186	13 973	44 151	89 569	40 676	10 561	2 436	12.4	79.1	18.6		
Motor vehicles and accessories dealers	153 517	600	6 156	21 797	51 554	41 292	21 124	7 488	12.9	56.2	12.4		
Salesmen of services and construction	173 060	11 001	10 857	41 458	48 862	27 013	12 055	9 369	12.2	71.9	9.1		
Sales workers—allocated	3 736 863	109 656	201 441	709 038	1 540 955	805 640	236 105	102 565	12.5	89.1	8.9		
Clerical and kindred workers	35 294	123	475	3 240	17 146	11 126	2 321	837	12.8	78.2	5.6		
Bank tellers	19 394	360	695	3 056	9 276	4 789	878	215	12.6	82.8	14.3		
Billing clerks	284 197	4 043	10 305	33 347	112 047	82 650	30 599	10 055	12.8	58.0	3.6		
Bookkeepers	138 189	4 473	6 624	45 550	43 230	31 963	3 591	1 390	12.3	85.9	20.5		
Cashiers	63 935	130	481	33	110	22	98	39	12.9	78.7	10.5		
Clerical assistants, social welfare	33 508	305	1 564	6 443	25 518	14 994	9 782	4 608	12.8	67.8	6.2		
Clerical supervisors, n.e.c.	76 062	734	4 766	16 365	12 501	18 599	3 453	1 250	12.3	82.2	3.8		
Collectors, bill and account	50 057	440	4 264	12 029	21 835	7 381	1 495	422	12.3	87.3	25.0		
Counter clerks, except food	14 389	62	245	1 480	4 590	4 371	2 265	1 332	13.5	86.5	24.3		
Dispatchers and starters, vehicle	165 760	1 611	4 206	16 215	56 076	47 106	27 980	12 247	13.3	77.9	9.5		
Enumerators and interviewers	160 750	3 189	7 228	24 624	75 764	34 129	11 585	3 721	12.6	72.7	6.6		
Expeditors and production controllers	68 605	327	3 474	13 502	28 993	16 343	3 192	1 348	12.5	93.9	42.8		
File clerks	72 210	124	591	3 483	18 090	18 849	22 685	8 187	15.2	79.8	19.1		
Insurance adjusters, examiners, and investigators	27 081	186	257	4 900	4 491	11 938	1 752	3 431	13.9	75.8	2.9		
Library attendants and assistants	236 624	2 773	9 877	43 929	132 176	40 303	5 590	719	12.5	64.2	3.2		
Mail carriers, post office	73 155	3 104	5 237	17 423	29 708	14 852	1 653	354	12.3	43.8	2.9		
Mail handlers, except post office	46 823	1 032	5 909	15 429	12 225	6 947	992	94	11.4	67.7	1.0		
Messengers, including telegraph, and office boys	32 793	1 684	2 439	6 127	17 227	4 642	244	94	12.3	86.6	5.5		
Meter readers, utilities	152 114	1 591	2 788	15 608	77 771	45 625	6 018	2 340	12.7	85.4	7.1		
Office machine operators	6 925	97	116	1 022	2 952	2 210	307	186	12.7	92.7	7.6		
Bookkeeping and billing machine	3 422	21	57	350	1 583	1 081	198	62	12.8	57.7	5.7		
Calculating machine	86 168	83	635	5 206	45 856	29 111	3 382	1 570	12.8	69.2	4.8		
Computer and peripheral equipment	8 951	92	618	1 779	3 836	1 934	358	69	12.4	83.8	5.0		
Duplicating machine	30 199	261	723	3 874	16 222	7 568	1 118	38	12.6	85.9	3.6		
Keypunch	4 355	22	62	437	2 287	1 296	118	38	12.7	66.3	4.6		
Tabulating machine	12 084	83	577	2 940	5 035	2 425	462	94	12.4	78.2	5.8		
Office machine, n.e.c.	49 696	235	1 985	7 923	23 629	12 351	2 337	526	12.6	77.3	4.6		
Payroll and timekeeping clerks	208 525	592	6 988	37 383	108 392	43 238	7 444	2 136	12.5	92.4	19.6		
Postal clerks	7 777	21	117	1 172	2 862	1 879	260	606	12.8	79.8	39.9		
Proofreaders	21 845	39	314	1 240	5 606	5 874	6 566	2 148	14.9	92.4	10.2		
Real estate appraisers	17 070	147	917	2 549	5 215	6 213	1 097	646	12.9	77.2	7.2		
Receptionists													

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

United States

Male, 16 years old and over—Con.

Clerical and kindred workers—Continued

Occupation

Occupation	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Elementary		High school		College		5 or more		1 to 3	4				1 to 3	4
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more							
Total	63 295	1 331	804	2 180	23 502	8 894	15 528	8 894	4 842	12.9	83.4	21.7			
Secretaries	346	896	52	7 107	83	403	124	894	236	13.7	89.9	27.0			
Secretaries, legal	—	—	43	67	259	24	334	24	55	13.1	83.6	9.8			
Secretaries, medical	—	—	—	—	—	—	—	—	—	12.1	52.1	1.8			
Shipping and receiving clerks	367	431	40 756	104 137	145 703	4 984	38 975	4 984	1 658	12.7	77.9	11.5			
Statistical clerks	88 706	467	4 468	12 902	37 992	20 884	20 884	6 938	3 306	12.9	91.7	10.4			
Stenographers	8 606	21	59	98 961	4 093	2 904	2 904	8 583	2 791	12.2	58.5	3.1			
Stock clerks and storekeepers	345 859	4 270	29 835	2 287	2 771	1 443	5 576	1 443	1 224	13.6	78.2	18.9			
Teacher aides, except school monitors	14 082	83	523	2 287	2 771	1 443	5 576	1 443	1 224	13.6	78.2	18.9			
Telephone operators	9 516	261	623	1 500	5 154	1 529	1 529	239	192	12.5	74.8	4.5			
Telephone operators	23 729	738	1 271	3 873	11 006	5 457	5 457	823	452	12.5	74.8	5.4			
Ticket, station, and express agents	63 799	819	1 835	7 186	30 582	3 769	18 038	3 769	1 378	12.7	84.3	6.1			
Typists	59 468	741	1 922	9 094	29 897	2 272	14 059	2 272	1 275	12.6	79.9	8.0			
Weighers	28 674	831	4 422	7 040	10 564	2 364	2 364	275	84	11.6	46.3	1.3			
Miscellaneous and not specified clerical workers	373 773	8 020	16 820	59 742	150 546	28 382	93 588	28 382	14 555	12.7	76.8	11.5			
Occupation:															
Miscellaneous clerical workers	170 658	3 745	7 311	24 585	66 041	15 811	42 331	15 811	9 999	12.7	78.6	15.1			
Not specified clerical workers	203 115	4 275	9 509	35 157	84 505	12 571	51 257	12 571	4 556	12.6	75.3	8.4			
Industry:															
Manufacturing	89 847	1 562	3 577	13 525	29 117	21 816	21 816	7 539	2 178	12.7	78.6	10.8			
Transportation, communications, and other public utilities	61 132	264	3 061	8 958	29 828	14 009	14 009	2 937	837	12.6	77.9	6.2			
Wholesale and retail trade	63 628	489	4 049	14 731	23 830	11 286	11 286	3 150	1 144	12.4	66.6	6.7			
Finance, insurance, and real estate	40 004	192	1 357	5 039	16 426	11 281	11 281	3 979	1 249	12.8	82.3	13.1			
Professional and related services	36 840	481	488	4 186	8 426	12 542	12 542	3 786	6 404	14.0	84.4	27.7			
Public administration	47 342	80	948	2 046	20 658	11 341	11 341	3 714	1 827	12.7	79.3	11.7			
All other industries	34 980	364	1 807	6 575	12 334	8 373	8 373	3 277	916	12.6	71.2	12.0			
Clerical and kindred workers—allocated	213 733	7 855	13 237	57 121	69 060	34 906	34 906	11 552	9 766	12.3	58.6	10.0			
Craftsman and kindred workers															
Automobile accessories installers	10 558 346	302 777	1 315 998	2 709 022	4 149 469	931 163	931 163	165 323	58 391	12.0	50.2	2.1			
Bakers	6 765	221	447	2 375	2 224	634	634	81	24	11.5	43.8	1.6			
Cabinetmakers	79 421	4 250	13 553	22 013	23 178	4 759	4 759	554	212	10.5	36.1	1.0			
Carpet installers	65 889	2 446	8 815	16 578	21 629	3 941	3 941	783	385	10.9	40.6	1.8			
Construction craftsmen	46 460	648	2 826	4 403	16 660	3 301	3 301	167	111	11.8	47.9	0.6			
Construction craftsmen	2 988 661	113 351	347 324	809 427	1 032 927	206 355	206 355	23 233	7 831	11.2	42.5	1.0			
Brickmasons and stonemasons	179 257	8 561	26 227	52 901	56 155	9 096	9 096	882	353	10.7	37.1	0.7			
Brickmasons and stonemasons, apprentices	3 980	22	153	1 049	2 099	303	303	67	61	12.3	63.6	3.2			
Bulldozer operators	96 618	7 424	15 588	26 825	25 602	3 195	3 195	306	137	9.9	30.3	0.5			
Carpenters	916 005	37 973	119 496	155 907	293 782	58 275	58 275	7 553	2 737	10.8	39.6	1.1			
Carpenter apprentices	9 797	149	789	1 822	6 139	1 289	1 289	—	—	12.4	75.8	—			
Cement and concrete finishers	77 184	8 675	13 992	12 907	16 505	3 501	3 501	466	103	9.4	26.7	0.7			
Electricians	486 854	4 166	22 726	40 774	243 839	58 978	58 978	5 580	1 457	12.3	63.6	1.4			
Electricians, apprentices	21 996	65	310	2 532	14 312	4 188	4 188	74	—	12.5	84.4	0.3			
Excavating, grading, and road machine operators, except bulldozer	248 995	11 726	35 874	71 012	69 629	10 369	10 369	961	268	10.2	32.6	0.5			
Floor layers, except tile setters	22 430	781	2 410	7 137	7 815	1 291	1 291	283	23	11.2	42.0	1.4			
Painters, construction and maintenance	348 214	16 822	52 176	105 891	88 952	20 932	20 932	2 917	1 059	10.3	32.7	1.1			
Painter apprentices	1 744	29	85	506	846	144	144	—	22	12.2	58.0	1.3			
Paperhangers	9 693	248	1 300	2 969	2 566	732	732	78	178	10.7	36.7	2.6			
Plasterers	30 927	1 552	4 453	9 981	8 441	1 132	1 132	150	42	10.3	31.6	0.6			
Plasterer apprentices	622	48	57	253	241	23	23	—	—	11.4	42.4	—			
Plumbers and pipe fitters	397 030	9 392	33 693	107 085	162 883	28 243	28 243	3 132	1 056	11.9	49.2	1.1			
Plumber and pipe fitter apprentices	15 277	105	283	340	944	219	219	39	—	12.5	79.2	0.3			
Roofers and slaters	63 640	3 190	9 941	21 121	15 687	2 951	2 951	203	39	10.2	29.9	0.6			
Structural metal craftsmen	78 548	1 557	6 686	23 510	29 744	5 766	5 766	500	192	11.6	46.1	0.9			
Tile setters	33 266	1 284	3 907	11 327	11 327	1 894	1 894	222	48	11.7	40.6	0.8			

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text

United States	Years of school completed								Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College		Median school years completed			
	Less than 5	5 to 7	8	1 to 3	4	1 to 3		4			5 or more
Male, 16 years old and over—Con.										
Craftsmen and kindred workers—Continued										
Cranemen, derrickmen, and hoistmen	5 782	21 919	28 726	49 006	46 997	5 660	504	75	10.4	33.6
Decorators and window dressers	182	1 978	1 542	5 828	12 354	7 015	2 164	654	12.6	72.2
Dental laboratory technicians	1 68	1 072	1 425	4 433	9 154	3 637	4 14	718	12.4	66.2
Electric power linemen and cablemen	1 266	4 844	8 738	21 180	57 059	8 885	595	12	12.3	64.9
Engravers, except photoengravers	1 141	398	598	1 605	2 716	686	98	76	12.1	56.2
Foremen, n.e.c.	1 468 320	82 771	144 965	343 614	600 174	185 744	70 663	22 181	12.2	59.8
Construction	4 028	14 187	22 493	46 118	55 517	13 061	2 557	45.3	11.5	45.3
Manufacturing	850 163	42 359	78 130	193 287	357 846	109 513	45 271	14 691	12.3	62.0
Metal industries	142 379	7 122	14 649	35 339	59 783	15 702	6 543	1 810	12.2	58.9
Machinery, except electrical	88 018	3 111	7 246	18 358	31 418	12 736	3 320	1 236	12.4	66.7
Electrical machinery, equipment, and supplies	75 138	1 469	3 811	12 934	34 717	14 029	6 022	1 959	12.6	75.5
Transportation equipment	106 950	576	7 630	49 221	76 300	16 736	6 005	2 565	12.4	69.7
Other durable goods	127 151	2 030	15 009	30 913	49 861	14 183	5 082	1 945	12.2	55.9
Food and kindred products	61 431	2 282	8 362	15 361	22 098	6 329	2 861	1 582	12.1	51.9
Textiles, textile products, and apparel	64 800	1 688	7 033	19 182	20 646	5 217	2 996	607	11.5	45.5
Other nondurable goods, including not specified manufacturing	184 296	7 607	14 390	39 925	80 102	24 581	12 442	3 987	12.4	65.7
Transportation	69 703	4 577	8 250	16 847	29 070	7 740	1 925	506	12.2	56.3
Communications, and utilities and sanitary services	78 871	3 494	6 372	15 185	26 517	11 620	4 441	789	12.4	67.7
Wholesale and retail trade	155 353	7 758	12 975	35 938	63 457	22 749	8 708	2 140	12.3	62.5
All other industries ¹	1 252	10 389	16 745	36 239	57 767	21 061	7 761	3 296	12.2	57.8
Furniture and wood finishers	18 683	1 140	2 958	4 615	5 303	1 416	273	137	10.6	38.2
Furriers	2 650	192	343	589	883	238	25	44	11.2	44.2
Glaaziers	25 130	2 421	2 794	7 665	9 772	1 738	181	24	11.7	46.7
Inspectors, scalers, and graders; log and lumber	16 843	1 041	1 801	4 689	5 031	1 263	230	71	10.8	39.2
Inspectors, n.e.c.	110 276	5 807	10 910	23 575	45 864	16 396	5 098	1 616	12.3	62.5
Construction	22 869	60	445	3 458	11 820	5 221	721	146	12.5	78.3
Railroads and railway express service	24 081	341	4 213	7 197	8 194	1 431	240	174	11.2	41.7
Jewelers and watchmakers	33 148	762	4 252	7 086	13 307	3 679	885	358	12.1	55.0
Locomotive engineers	50 374	741	6 417	14 121	20 976	4 391	454	128	12.0	51.5
Locomotive firemen	13 089	94	1 123	2 647	6 959	1 324	190	45	12.3	65.1
Mechanics and repairmen	2 465 759	211 066	309 176	658 964	985 185	218 456	21 692	6 134	12.0	49.9
Air conditioning, heating, and refrigeration	120 898	1 389	14 505	34 078	50 026	11 277	1 267	364	12.0	52.1
Aircraft	145 388	1 384	8 820	28 847	77 199	21 547	1 771	622	12.4	69.6
Automobile body repairmen	109 860	2 960	15 981	34 636	38 541	5 886	350	158	11.1	40.9
Automobile mechanics	821 822	22 769	115 676	249 249	295 804	51 080	4 653	1 182	11.3	42.9
Automobile mechanic apprentices	3 337	58	213	1 475	1 337	231	—	23	11.8	47.7
Data processing machine repairmen	31 473	122	184	1 464	16 572	11 432	1 433	266	12.8	94.4
Farm implement	32 779	939	6 042	7 590	12 654	2 221	281	61	11.5	46.4
Household appliance and accessory installers and mechanics	580 098	58 162	83 840	156 642	224 631	38 463	3 412	784	11.6	46.1
Household appliance and accessory installers and mechanics	122 884	2 100	12 825	30 523	55 105	12 812	1 388	357	12.1	56.7
Loom fixers	21 279	6 227	3 399	6 090	3 956	1 23	—	—	8.9	19.2
Office machine	40 538	2 009	9 977	23 259	32 559	7 678	402	161	12.5	77.7
Radio and television	138 147	1 002	9 194	28 798	66 928	23 839	2 557	821	12.4	68.1
Railroad and car shop	54 977	1 813	9 788	14 144	20 359	2 563	122	66	11.1	42.0
Mechanics, except auto, apprentices	7 126	60	407	1 174	4 485	953	20	27	12.4	77.0
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	174 690	2 631	17 474	43 391	74 622	22 164	2 385	602	12.2	57.1
Manufacturing	50 260	2 609	4 736	10 604	20 051	6 771	765	144	12.3	63.1
Not specified mechanics and repairmen	70 926	2 222	9 538	17 535	25 529	7 371	1 671	144	12.0	49.7
Manufacturing	26 357	730	3 419	7 046	9 287	2 769	472	122	11.8	48.0
Metal craftsmen, except mechanics	1 101 999	18 170	140 724	288 749	481 331	85 909	7 450	1 959	12.1	52.3
Blacksmiths	10 340	1 300	2 304	2 440	3 191	572	23	40	10.3	37.0
Boilermakers	31 283	887	5 349	9 311	10 704	1 776	203	43	11.1	40.7

¹Includes transportation, communications, and other public utilities—allocated.

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

United States

Male, 16 years old and over—Con.

Metal craftsmen and kindred workers—Continued

	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Elementary		High school			College			5 or more	4				1 to 3	3
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more							
Total	15 525	2 964	4 925	4 759	637	70	—	10.6	35.2	0.5					
Forgemen and hammermen	21 647	7 531	5 977	7 531	1 220	83	—	11.0	40.8	0.4					
Heat treaters, annealers, and temperers	84 277	15 209	25 576	28 935	3 597	406	104	11.1	40.4	0.6					
Job and die setters, metal	377 973	45 249	97 581	169 920	30 968	2 385	737	12.1	54.0	0.8					
Machinists	9 753	248	1 810	5 926	1 533	17	26	12.4	76.7	0.2					
Machinist apprentices	81 030	12 922	23 459	31 310	4 563	344	20	11.5	44.7	0.5					
Milwrights	48 011	7 991	14 454	14 131	1 881	174	—	10.4	33.8	0.4					
Molders, metal	658	46	136	253	103	—	—	12.1	54.1	—					
Molder apprentices	37 871	3 565	8 644	19 464	3 909	407	179	12.3	63.3	1.5					
Pattern and model makers, except paper	19 518	3 239	6 090	6 482	80	63	80	10.8	37.9	0.7					
Rollers and finishers, metal	160 407	10 237	43 516	72 131	12 215	1 052	175	12.1	53.3	0.8					
Sheetmetal workers and tinsmiths	5 710	67	813	3 891	854	—	—	12.5	83.1	—					
Sheetmetal apprentices	10 462	26	3 071	4 158	783	88	—	11.8	88.1	0.8					
Shipfitters	203 655	7 026	43 705	107 615	23 013	2 152	555	12.3	65.5	1.3					
Tool and die makers	9 409	21	904	6 467	1 669	82	19	12.5	87.5	1.1					
Tool and die maker apprentices	7 371	593	1 864	1 969	229	61	—	9.3	30.6	0.8					
Millers, grain, flour, and feed	15 303	215	4 436	4 166	3 276	264	125	12.0	51.2	2.5					
Motion picture projectionists	21 992	62	4 544	10 120	3 708	714	370	12.4	67.8	4.9					
Opticians, and lens grinders and polishers	6 732	140	1 793	2 285	1 196	487	174	12.3	61.5	9.8					
Piano and organ tuners and repairmen	17 707	244	3 323	9 182	2 651	306	—	12.4	68.6	1.7					
Power station operators	338 851	25 413	80 742	175 673	35 848	4 448	1 708	12.3	64.2	1.8					
Printing craftsmen	15 438	886	4 653	6 423	1 503	167	97	12.1	53.1	1.7					
Bookbinders	138 178	1 095	30 322	73 149	16 834	2 230	995	12.3	67.5	2.3					
Compositors and typesetters	6 172	120	1 311	3 809	798	—	26	12.4	75.1	0.4					
Printing trades apprentices, except pressmen	6 621	59	2 043	2 925	628	116	—	12.1	55.4	1.8					
Electrotypers and stereotypers	30 230	118	6 685	16 144	4 459	262	262	12.4	71.4	3.2					
Photoengravers and lithographers	148 384	1 293	37 039	77 032	12 444	1 230	354	12.2	61.4	1.1					
Pressmen and plate printers, printing	2 894	43	638	1 793	344	—	21	12.4	74.6	0.7					
Pressman apprentices	24 778	2 512	5 242	5 864	1 046	114	11	9.0	28.4	0.5					
Shoe repairmen	17 897	1 599	1 834	6 591	2 077	365	93	12.0	51.0	2.6					
Sign painters and letterers	174 115	3 142	42 785	70 481	15 649	4 658	1 497	12.1	53.0	3.5					
Stationary engineers	6 258	269	1 253	1 886	339	78	16	10.4	37.1	1.5					
Stone cutters and stone carvers	49 582	3 243	12 444	12 690	2 366	372	168	9.8	31.5	1.1					
Tailors	232 493	535	25 635	155 561	40 929	1 923	715	12.5	85.6	1.1					
Telephone installers and repairmen	52 402	267	6 543	35 021	7 739	1 62	45	12.5	82.0	0.4					
Telephone linemen and splicers	52 625	1 932	16 395	15 533	2 226	349	82	10.5	34.6	0.8					
Upholsterers	81 327	8 385	21 904	30 682	6 808	726	388	11.7	47.5	1.4					
Craftsmen and kindred workers, n.e.c.	35 913	131	4 458	7 504	2 549	259	1 017	12.6	83.6	9.9					
Former members of the Armed Forces	610 229	59 155	165 692	191 117	32 125	12 013	9 188	10.9	40.1	3.5					
Craftsmen and kindred workers—allocated	6 829 828	302 693	1 987 471	2 326 425	437 778	51 213	19 170	11.1	41.5	1.0					
Operatives, except transport	25 385	670	2 737	9 696	1 997	181	19	11.7	46.9	0.8					
Asbestos and insulation workers	521 142	13 920	64 059	212 612	37 954	3 248	1 399	11.9	49.0	0.9					
Assemblers	7 771	490	1 848	1 977	471	—	—	9.7	31.5	0.7					
Blasters and powdermen	32 967	1 805	8 547	10 206	2 196	204	41	10.7	38.4	0.7					
Bottling and canning operatives	12 270	4 900	2 706	4 911	2 280	255	98	12.3	61.6	2.9					
Chainmen, rodmen, and oxmen, surveying	374 353	4 457	87 563	169 247	44 859	7 228	2 451	12.2	59.8	2.6					
Checkers, examiners, and inspectors, manufacturing	50 128	4 586	14 772	11 439	1 671	190	74	9.6	26.7	0.5					
Clothing ironers and pressers	133 113	6 061	21 289	38 267	6 362	738	218	10.7	37.7	0.7					
Cutting operatives, n.e.c.	4 447	6 497	965	42 907	6 362	64	71	3.0	37.7	0.7					
Dressmakers and seamstresses, except factory	58 443	2 695	7 249	16 005	3 219	482	138	10.8	38.7	1.1					
Drillers, earth	48 835	5 437	16 461	18 785	2 528	221	126	11.1	39.4	1.0					
Dry wall installers and lathers	22 584	1 132	6 834	6 010	2 925	202	22	10.2	31.7	0.7					
Dyers	438 497	9 996	198 916	111 638	41 686	3 180	670	11.1	35.8	0.9					
Garage workers and gas station attendants															

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text!

88 Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Elementary					High school								College	
	Less than 5	5 to 7	8	1 to 3	4	5 or more	1 to 3	4	1 to 3	4				5 or more	
Total	1 581 553	178 191	217 532	434 801	579 231	94 504	9 386	3 122	11.3	43.4	0.8				
Made, 16 years old and over—Con.	921 213	107 871	133 090	257 285	326 079	50 410	4 851	1 529	11.1	41.6	0.7				
Operatives, except transport—Continued	65 464	6 228	11 001	17 146	16 694	2 934	370	55	9.8	30.6	0.6				
Miscellaneous and not specified operatives—Continued	36 937	3 123	6 528	9 862	8 260	1 284	102	66	9.3	26.3	0.5				
Industry:	85 054	4 757	13 160	24 203	26 717	3 603	466	118	10.6	36.3	0.7				
Manufacturing	29 841	3 119	4 009	8 939	11 343	1 456	162	22	11.3	43.5	0.6				
Durable goods	20 560	1 926	3 504	8 930	5 016	830	120	28	9.7	29.2	0.7				
Non-durable goods	34 653	2 040	5 647	9 561	10 358	1 317	184	68	10.3	34.4	0.7				
Primary metal industries	167 895	7 756	25 834	47 639	57 781	6 914	578	218	10.8	39.0	0.5				
Blast furnaces, steelworks, and rolling and finishing mills	60 704	2 659	8 739	17 505	21 771	2 314	280	152	11.0	40.4	0.7				
Other primary iron and steel industries	48 208	2 570	7 017	14 411	14 340	1 598	169	66	10.3	33.4	0.4				
Primary nonferrous industries	58 983	2 527	8 992	15 723	21 670	3 002	129	66	11.1	42.2	0.3				
Fabricated metal industries, including not specified metal	110 415	5 065	17 191	32 306	36 193	5 175	473	89	10.8	38.0	0.5				
Cutlery, hand tools, and other hardware	10 505	477	1 914	3 308	3 308	551	19	24	10.5	36.9	0.2				
Fabricated structural metal products	28 791	1 457	4 804	8 847	8 871	1 098	69	—	10.5	34.9	0.3				
Screw machine products, & metal stamping	19 192	759	3 483	5 923	5 644	731	104	—	10.4	33.8	0.5				
Miscellaneous fabricated metal products and not specified metal	51 923	2 372	6 990	14 711	18 370	2 795	281	65	11.1	41.4	0.7				
Machinery, except electrical	132 191	3 109	17 302	35 976	55 029	8 711	745	249	11.9	49.0	0.8				
Farm machinery and equipment	11 271	1 051	2 603	2 740	3 839	649	26	43	10.8	40.4	0.6				
Construction & material handling machines	18 572	324	2 692	4 779	7 916	1 388	83	78	12.0	50.5	0.4				
Metalworking machinery	24 676	618	2 545	6 755	11 496	1 453	98	—	12.1	53.2	0.7				
Office and accounting machines, and electronic computing equipment	9 017	251	718	2 048	4 459	842	132	—	12.2	60.3	1.5				
Other machinery, except electrical	68 655	1 596	6 429	19 654	27 319	4 379	406	128	11.7	46.9	0.8				
Electrical machinery, equipment, and supplies	94 099	2 010	11 524	24 786	40 070	6 771	263	263	12.0	50.8	1.1				
Household appliances	12 904	301	1 957	3 397	5 363	531	22	20	11.5	45.8	0.2				
Radio, T.V., and communication equipment	20 985	364	2 296	4 765	10 057	1 978	207	178	12.2	58.4	1.1				
Electrical machinery, equipment, and supplies, n.e.c.	54 081	1 251	6 437	14 999	22 325	3 636	460	—	11.9	49.2	1.2				
Not specified electrical machinery, equipment, and supplies	6 129	94	834	1 625	2 325	626	42	65	12.0	49.9	1.7				
Transportation equipment	141 112	3 588	18 882	41 328	54 574	8 486	765	261	11.5	45.4	0.7				
Motor vehicles & motor vehicle equipment	78 897	2 081	10 992	23 826	30 363	3 850	285	95	11.4	43.8	0.5				
Aircraft and parts	24 669	487	4 217	10 535	15 725	3 161	422	151	12.0	51.8	1.5				
Other transportation equipment	20 428	1 020	3 673	6 967	8 486	1 475	58	15	11.0	40.7	0.3				
Professional and photographic equipment, and watches	12 705	553	2 214	4 752	9 339	2 003	70	21	12.1	56.0	0.4				
Professional equipment and supplies	16 643	419	1 700	3 134	5 360	1 132	—	45	12.0	51.3	0.2				
Ordnance	46 731	592	1 852	4 862	6 438	1 229	158	124	11.7	47.3	1.2				
Miscellaneous manufacturing industries	4 248	3 097	6 818	13 274	13 485	3 090	377	20	10.6	36.5	1.1				
Durable goods—allocated	648 104	23 774	82 770	174 257	249 155	43 540	4 367	1 507	11.6	46.1	0.9				
Non-durable goods	143 189	9 137	23 211	38 495	42 520	8 290	1 059	315	10.5	36.4	1.0				
Food and kindred products	30 771	1 984	5 475	8 170	8 281	1 527	173	41	10.0	32.6	0.7				
Meat products	22 185	563	3 613	5 624	8 498	1 598	134	23	11.6	46.2	0.7				
Dairy products	18 196	2 097	3 193	4 332	4 359	966	157	62	9.5	30.5	1.2				
Canning and preserving fruits, vegetables, and seafoods	12 518	457	1 696	4 314	3 511	949	46	—	10.9	36.2	0.5				
Bakery products	12 580	358	1 965	3 746	4 276	619	41	—	10.9	39.2	0.3				
Beverage industries	46 939	3 678	7 440	12 309	13 595	2 631	488	189	10.4	36.0	1.4				
Other food and kindred products															

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Total	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
		Elementary		High school		College									
		Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more						
Male, 16 years old and over—Con.															
Operatives, except transport—Continued															
Miscellaneous and not specified operatives—Continued															
Industry—Continued															
Manufacturing—Continued															
Nonmanufacturing goods—Continued															
Tobacco manufactures	9 368	651	1 804	1 226	2 708	—	—	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products	23 764	3 908	3 888	3 888	6 322	102	102	102	102	102	102	102	102	33.0	0.7
Apparel and accessories	17 486	681	2 842	2 808	5 194	1 041	17	17	17	17	17	17	17	32.7	0.6
Miscellaneous fabricated textile products	6 278	403	1 066	1 080	1 521	248	34	34	34	34	34	34	34	28.7	0.5
Paper and allied products	138 950	4 401	15 044	18 571	37 665	54 908	644	644	644	644	644	644	644	45.5	0.6
Pulp, paper, and paperboard mills	75 087	2 049	7 463	9 947	19 028	32 095	4 060	136	136	136	136	136	136	30.9	0.6
Miscellaneous paper and pulp products	22 113	740	2 226	2 393	5 931	9 341	64	64	64	64	64	64	64	48.7	0.3
Paperboard containers and boxes	41 750	1 612	5 355	6 231	13 472	19 361	271	71	71	71	71	71	71	48.9	0.8
Printing, publishing, and allied industries, except newspapers	44 170	576	2 116	3 674	13 719	19 361	324	98	98	98	98	98	98	38.0	1.0
Chemicals and allied products	36 092	512	1 894	3 153	10 383	16 592	268	88	88	88	88	88	88	55.8	1.0
Chemicals and allied products	125 530	2 988	9 231	12 566	28 825	59 460	1 199	298	298	298	298	298	298	57.3	1.2
Industrial chemicals	40 411	627	2 220	3 705	8 600	20 901	3 893	118	118	118	118	118	118	62.5	1.2
Synthetic fibers	7 368	219	665	1 081	2 128	3 128	38	38	38	38	38	38	38	50.7	0.5
Soaps and cosmetics	6 869	280	603	743	1 851	3 065	—	—	—	—	—	—	—	49.4	1.6
Other chemicals and allied products	70 882	1 862	5 743	7 037	16 705	32 366	814	140	140	140	140	140	140	55.8	1.3
Petroleum and coal products	28 357	483	1 658	2 333	6 162	13 843	225	167	167	167	167	167	167	62.5	1.4
Rubber and miscellaneous plastic products	11 997	2 883	11 025	13 486	32 947	44 054	665	320	320	320	320	320	320	46.1	0.9
Rubber products	71 719	1 570	8 753	10 974	28 574	4 340	317	230	230	230	230	230	230	46.7	0.8
Miscellaneous plastic products	40 278	1 313	3 991	4 733	12 046	15 480	2 277	90	90	90	90	90	90	43.2	1.1
Leather and leather products	19 656	1 413	3 360	3 409	5 778	4 940	644	—	—	—	—	—	—	29.0	0.6
Tanned, curried, and finished leather	8 462	586	1 744	1 745	1 880	2 214	34	—	—	—	—	—	—	25.7	0.4
Footwear, except rubber	5 754	229	870	978	1 608	1 336	136	—	—	—	—	—	—	30.3	—
Leather products, except footwear	5 440	598	746	686	1 631	1 432	78	—	—	—	—	—	—	32.7	1.4
Nonmanufacturing goods—allocated	3 123	158	426	406	1 039	1 119	27	—	—	—	—	—	—	37.9	0.9
Not specified manufacturing industries	12 236	924	1 586	1 672	3 259	3 987	168	86	86	86	86	86	86	39.2	2.1
Nonmanufacturing industries	307 939	16 159	35 324	39 359	87 048	98 106	3 725	1 511	1 511	1 511	1 511	1 511	1 511	42.2	1.7
Construction	37 316	2 838	5 189	5 528	11 508	9 821	2 035	25	25	25	25	25	25	32.8	1.1
Railroads and railway express service	13 420	1 048	2 303	2 535	3 619	3 228	583	104	104	104	104	104	104	29.2	0.8
Transportation, except railroads	24 666	768	1 670	2 072	5 604	11 466	3 276	—	—	—	—	—	—	61.0	1.2
Communications, and utilities and sanitary services	24 853	790	2 133	2 600	5 604	11 082	64	64	64	64	64	64	64	55.2	1.8
Wholesale trade	58 329	4 148	8 251	8 635	15 759	17 046	3 941	102	102	102	102	102	102	36.9	0.9
Retail trade	46 005	1 848	4 866	5 846	16 774	13 286	3 013	36	36	36	36	36	36	36.2	0.8
Business and repair services	19 232	688	2 115	2 282	4 965	15 038	3 600	240	240	240	240	240	240	42.1	1.7
Public administration	37 954	2 504	4 530	3 883	8 913	9 811	1 763	932	932	932	932	932	932	48.6	1.3
All other industries	431 491	45 198	54 778	52 688	126 880	120 664	5 693	4 214	4 214	4 214	4 214	4 214	4 214	47.8	5.4
Operatives, except transport—allocated															
Transport equipment operatives	2 945 804	113 129	332 680	438 435	916 949	997 543	20 643	7 659	7 659	7 659	7 659	7 659	7 659	38.9	1.0
Boatmen and canalmen	5 098	408	824	824	1 357	333	87	—	—	—	—	—	—	34.9	1.7
Bus drivers and conductors	173 583	4 830	16 699	26 725	50 764	56 557	1 773	736	736	736	736	736	736	43.0	1.4
Conductors and motormen, urban rail transit	9 600	96	388	799	4 354	928	78	—	—	—	—	—	—	55.8	0.8
Deliverymen and roulemen	612 247	11 177	44 256	66 296	192 857	231 796	4 850	1 167	1 167	1 167	1 167	1 167	1 167	48.6	1.0
Fork lift and tow motor operatives	224 459	9 608	30 157	35 490	68 195	70 469	635	235	235	235	235	235	235	36.1	0.4
Motormen; mine, factory, logging camp, etc	10 035	804	2 220	2 136	2 764	1 697	—	—	—	—	—	—	—	21.0	—
Parking attendants	30 161	1 463	3 348	4 127	9 148	7 332	645	120	120	120	120	120	120	40.0	2.5
Railroad brakemen	46 812	498	2 547	4 875	12 196	22 138	456	156	156	156	156	156	156	57.0	1.3
Railroad switchmen	52 098	567	3 020	5 453	13 142	24 122	5 103	574	574	574	574	574	574	57.4	1.3
Taxicab drivers and chauffeurs	149 827	5 820	18 899	21 602	43 500	40 298	2 440	1 540	1 540	1 540	1 540	1 540	1 540	40.1	2.7
Truck drivers	1 442 046	58 098	185 602	247 371	466 448	411 266	6 323	1 777	1 777	1 777	1 777	1 777	1 777	33.6	0.6
Trucking service	14 257	58 724	186 672	90 474	163 849	163 849	2 364	697	697	697	697	697	697	35.4	0.6
Transport equipment operatives—allocated	189 838	19 760	24 723	22 737	53 700	56 157	2 766	1 787	1 787	1 787	1 787	1 787	1 787	36.3	2.4

Includes transportation, communications, and other public utilities—allocated.

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample; see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed						Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College				
	Less than 5	5 to 7	8	1 to 3	4	5 or more			
Total									
3 433 085	286 211	462 314	450 565	1 088 952	864 596	242 152	27 147	11 148	
32 604	1 496	3 871	4 069	10 014	8 103	3 965	569	11 517	
50 155	5 414	8 241	8 457	14 659	10 644	3 255	306	119	
631 170	64 712	106 961	100 496	168 320	151 626	33 460	4 308	1 287	
28 970	2 484	6 487	3 994	7 717	6 070	1 532	328	138	
531 743	30 870	65 817	71 726	154 395	162 548	40 301	4 386	1 700	
73 146	9 400	14 384	10 710	21 239	15 008	1 911	308	186	
316 056	38 755	49 246	47 502	90 241	62 980	22 605	3 590	1 537	
49 643	4 283	9 377	6 621	14 497	11 558	2 830	374	103	
90 965	13 757	19 175	15 991	20 870	17 065	3 518	447	142	
515 954	5 296	17 873	28 124	266 029	135 633	58 105	4 056	838	
7 544	5 994	1 605	1 077	1 853	1 686	283	25	21	
114 763	7 421	14 156	13 337	46 613	26 139	6 239	660	198	
108 294	2 477	8 039	11 737	29 652	42 809	12 270	1 013	297	
591 114	54 197	90 176	90 348	167 370	149 926	34 484	3 362	1 251	
196 291	20 250	31 852	33 206	54 138	46 858	8 661	965	361	
394 823	33 947	58 324	57 142	113 232	103 068	25 823	2 397	890	
300 951	22 441	44 951	46 376	81 025	88 688	15 779	1 332	359	
204 628	14 608	30 669	32 605	54 795	60 483	10 413	828	227	
22 122	3 146	4 108	3 875	5 418	4 534	1 008	16	17	
5 458	1 181	1 181	727	1 490	1 210	228	57	20	
21 418	1 493	3 104	3 731	6 222	5 819	988	41	20	
9 002	611	1 541	1 515	2 682	2 368	265	—	20	
4 142	571	669	923	1 011	784	184	—	23.4	
8 274	311	894	1 293	2 529	2 667	539	41	—	
74 276	5 081	10 191	11 222	20 110	23 383	3 898	334	57	
43 084	2 242	5 576	6 402	11 820	14 577	2 135	297	35	
20 696	2 152	2 938	3 521	5 755	5 489	782	37	22	
10 496	687	1 677	1 299	2 535	3 317	981	—	—	
20 844	992	3 286	3 462	5 803	6 098	1 098	63	42	
8 357	293	1 340	959	2 411	2 758	551	23	22	
17 423	738	2 576	2 610	4 284	6 070	1 009	87	49	
8 741	508	1 122	1 177	2 129	3 285	435	85	11.2	
23 539	1 300	3 433	3 623	6 606	7 115	1 328	116	18	
11 779	658	1 604	1 806	3 577	3 484	632	—	18	
4 930	368	750	643	1 413	1 301	402	53	—	
6 830	274	1 079	1 174	1 616	2 330	294	63	—	
1 040	24	174	150	227	414	51	—	—	
2 997	172	348	652	613	1 096	63	29	24	
4 379	350	763	872	1 236	986	172	—	—	
2 391	239	383	504	657	473	135	—	—	
94 136	7 597	14 024	13 455	25 662	27 480	5 282	504	132	
36 340	3 503	5 972	5 810	9 787	9 156	1 835	166	111	
10 098	714	1 631	1 780	2 872	2 583	383	95	40	
3 630	209	341	593	1 132	1 113	242	—	—	
6 853	1 002	1 123	1 067	1 740	1 551	329	19	22	
4 220	284	835	523	1 099	1 231	248	—	—	
4 347	281	640	723	1 285	1 034	342	19	23	
7 192	1 013	1 402	1 124	1 659	1 644	291	33	26	

Male, 16 years old and over—Con.

Laborers, except farm
 Animal caretakers, except farm
 Carpenters' helpers
 Construction laborers, except carpenters' helpers
 Fishermen and oystermen
 Freight and material handlers
 Garage collectors
 Gardeners and groundskeepers, except farm
 Longshoremen and stevedores
 Lumbermen, rammers, and woodchoppers
 Stock handlers
 Teamsters
 Vehicle washers and equipment cleaners
 Warehousemen, n.e.c.
 Miscellaneous and not specified laborers.
 Occupation:
 Miscellaneous laborers
 Not specified laborers
 Industry:
 Manufacturing
 Durable goods
 Lumber and wood products, except furniture
 Furniture and fixtures
 Stone, clay, and glass products
 Cement, concrete, gypsum, and plaster products
 Structural clay products
 Other stone, clay, and glass products
 Primary metal industries
 Blast furnaces, steel works, and rolling and finishing mills
 Other primary iron and steel industries
 Primary nonferrous industries
 Fabricated metal industries, including not specified metal
 Fabricated structural metal products
 Machinery, except electrical
 Electrical machinery, equipment, and supplies
 Transportation equipment
 Motor vehicles & motor vehicle equipment
 Ship and boat building and repairing
 Other transportation equipment
 Professional and photographic equipment, and watches
 Ordnance
 Miscellaneous manufacturing industries
 Manufacturing, durable goods—allocated
 Nondurable goods
 Food and kindred products
 Meat products
 Dairy products
 Canning and preserving fruits, vegetables, and seafoods
 Grain-mill products
 Beverage industries
 Other food and kindred products

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College			5 or more						
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
United States														
Male, 16 years old and over—Cont.														
Laborers, except farm—Continued														
Miscellaneous and not specified laborers—Continued														
Industry—Continued														
Manufacturing—Continued														
Nonurable goods—Continued														
Tobacco manufactures	1 415	305	250	425	215	23	—	—	—	8.8	16.8	—	0.2	
Textile mill products	9 195	1 861	1 397	2 984	1 696	198	14	—	—	9.3	20.8	—	0.2	
Yarn, thread, and fabric mills	6 228	1 461	800	2 063	976	114	—	—	—	9.1	17.7	—	—	
Other textile mill products	2 967	400	597	921	720	84	—	—	—	9.8	27.1	—	—	
Apparel and other fabricated textile products	1 410	226	254	378	317	105	18	—	—	9.9	31.2	1.3	0.4	
Paper and allied products	13 320	1 784	1 739	3 017	5 351	821	58	—	—	11.6	46.8	0.4	0.4	
Pulp, paper, and paperboard mills	8 896	533	1 165	1 682	3 910	603	38	—	—	12.0	51.2	0.5	0.5	
Other paper and allied products	4 424	231	585	1 335	1 441	410	20	—	—	10.8	38.0	—	—	
Printing, publishing, and allied industries	3 854	49	249	1 882	1 015	410	—	—	—	11.2	37.0	—	—	
Chemicals and allied products	13 018	875	1 353	3 025	4 974	933	80	—	—	11.5	46.0	0.6	0.6	
Petroleum and coal products	3 293	299	492	3 025	4 974	933	45	—	—	12.0	51.0	1.4	1.4	
Rubber and miscellaneous plastic products	7 613	941	921	2 049	2 598	156	21	—	—	11.2	43.2	—	—	
Leather and leather products	3 246	256	703	1 041	487	15	—	—	—	9.3	21.2	—	—	
Nonurable goods—allocated	1 432	306	267	1 192	192	39	—	—	—	10.5	17.2	—	—	
Not specified manufacturing industries	2 187	258	316	568	725	84	—	—	—	10.5	37.0	—	—	
Nonmanufacturing industries	290 163	45 225	43 972	86 345	61 238	18 705	2 030	—	—	9.8	28.6	1.0	1.0	
Railroads and railway express service	43 470	8 598	8 748	9 277	8 664	981	162	—	—	8.7	22.6	0.4	0.4	
Transportation, except railroads	15 085	1 810	1 966	4 532	4 188	1 163	74	—	—	10.6	36.5	1.0	1.0	
Comm., and utilities and sanitary services	40 675	6 699	5 950	11 130	9 798	1 875	130	—	—	9.7	29.4	0.7	0.7	
Transportation, communications, and other public utilities—allocated	782	158	178	192	147	—	—	—	—	8.7	18.8	—	—	
Wholesale trade	40 101	4 394	6 044	11 581	8 864	2 544	390	—	—	9.9	29.6	—	—	
Retail trade	42 706	2 939	5 155	17 179	8 740	3 351	168	—	—	10.4	28.9	0.6	0.6	
Business and repair services	19 843	1 236	2 578	6 527	4 698	1 894	145	—	—	10.6	34.4	1.2	1.2	
Personal services	22 192	2 904	3 343	6 735	2 669	1 667	187	—	—	9.2	21.2	—	—	
Private households	15 996	2 223	2 620	4 425	3 425	1 116	147	—	—	8.9	19.7	1.9	1.9	
Public administration	17 746	2 081	3 004	5 002	3 769	1 796	163	—	—	9.5	26.8	—	—	
All other industries	290 964	46 906	7 006	14 190	9 701	4 434	611	—	—	10.1	31.4	—	—	
Laborers, except farm—allocated	290 964	46 906	37 376	75 483	63 201	17 374	3 355	—	—	9.7	29.8	2.1	2.1	
Farmers and farm managers	1 362 947	62 374	329 727	227 839	436 933	99 485	41 483	—	—	10.8	43.2	3.9	3.9	
Farmers, owners and tenants	1 237 294	51 714	310 334	204 514	401 040	87 332	34 472	—	—	10.7	42.9	3.5	3.5	
Farm managers	58 272	2 014	8 761	9 826	18 140	7 309	5 201	—	—	12.2	55.3	11.6	11.6	
Farmers and farm managers—allocated	67 381	8 646	10 632	13 499	17 733	4 847	1 810	—	—	10.2	38.2	4.7	4.7	
Farm laborers and farm foremen	850 378	161 920	120 366	214 697	142 303	46 502	9 005	—	—	8.9	23.6	1.4	1.4	
Farm foremen	30 942	2 877	4 510	5 820	7 695	3 062	1 526	—	—	10.6	41.0	6.2	6.2	
Farm laborers, wage workers	696 141	141 532	100 295	169 757	109 159	34 911	6 054	—	—	8.7	21.9	1.2	1.2	
Farm laborers, unpaid family workers	58 881	2 926	7 936	23 578	14 158	5 038	623	—	—	10.8	34.0	1.4	1.4	
Farm service laborers, self-employed	3 294	280	401	315	1 259	182	40	—	—	11.4	45.0	1.2	1.2	
Farm laborers and farm foremen—allocated	61 120	14 305	7 204	14 725	10 032	3 309	762	—	—	8.8	23.6	1.8	1.8	
Service workers, except private household	4 012 814	212 665	490 867	1 159 690	1 163 812	454 048	65 476	—	—	11.2	42.8	2.4	2.4	
Cleaning service workers	1 310 884	103 512	222 893	386 275	283 710	89 152	10 475	—	—	9.9	29.6	1.8	1.8	
Chambermaids and maids, except private household	10 515	1 120	1 676	3 166	2 065	785	131	—	—	9.9	28.9	1.1	1.1	
Cleaners and chorwomen	197 447	16 912	30 283	64 715	38 567	11 227	1 557	—	—	9.8	26.3	—	—	
Janitors and sextons	1 102 922	85 480	190 934	318 394	243 078	77 140	8 787	—	—	9.9	30.2	—	—	
Food service workers	932 039	40 227	88 831	378 124	211 926	114 139	13 290	—	—	11.0	37.0	2.0	2.0	
Barriers	155 307	3 174	13 651	38 388	21 487	20 879	4 292	—	—	12.0	50.6	3.8	3.8	
Busboys	92 034	2 355	4 636	59 120	12 314	8 865	3 305	—	—	10.8	35.7	0.9	0.9	
Cooks, except private household	327 317	15 775	32 986	128 579	79 804	32 464	3 305	—	—	10.9	26.3	0.9	0.9	
Dishwashers	115 763	8 659	10 908	56 583	15 650	13 669	303	—	—	10.5	26.3	—	—	
Food counter and fountain workers	37 547	1 889	2 493	19 613	6 771	5 507	306	—	—	11.1	33.6	—	—	

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

United States

Male, 16 years old and over—Con.

Service workers, except private household—Con.

Food service workers—Continued

Food service workers, n.e.c., except private household

Health service workers

Dental assistants

Health aides, except nursing

Health trainees

Lay midwives

Nursing aides, orderlies, and attendants

Practical nurses

Personal service workers

Airline stewardesses

Attendants, recreation and amusement

Attendants, personal service, n.e.c.

Boggage porters and bellhops

Barbers

Boarding and lodging house keepers

Bootblacks

Child care workers, except private household

Elevator operators

Hairdressers and cosmetologists

Personal service apprentices

Housekeepers, except private household

School monitors

Ushers, recreation and amusement

Welfare service aides

Protective service workers

Crossing guards and bridge tenders

Firemen, fire protection

Guards and watchmen

Marshals and constables

Police

Policemen and detectives

Public

Private

Sheriffs and bailiffs

Service workers, except private household—allocated

Private household workers

Occupation:

Child care workers, private household

Cooks, private household

Housekeepers, private household

Housekeepers, private household

Landraddesses, private household

Maids and servants, private household

Private household workers—allocated

Living arrangement:

Living in

Housekeepers, private household

Maids and servants, private household

Living out

Unemployed persons, last worked 1959 or earlier

	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school				College					
	less than 5	5 to 7	8	1 to 3	4	5 or more	1 to 3	4	5 or more			
Total	120 050	9 252	10 421	39 233	29 908	22 292	3 059	1 376	11.7	47.2	3.7	
	84 021	7 525	7 608	36 608	15 754	10 463	883	351	10.8	32.7	1.5	
	147 617	9 434	12 828	37 974	51 625	25 210	4 132	3 318	12.2	57.1	5.0	
	1 996	17	55	304	738	304	103	313	12.6	73.0	20.8	
	19 897	1 207	1 411	5 465	6 093	3 771	903	873	12.3	58.5	8.9	
	1 172	60	96	300	238	333	65	80	12.5	61.1	12.4	
	226	25	25	43	59	73	—	—	—	—	—	
	115 357	7 934	10 491	29 732	40 716	18 822	2 969	1 920	12.2	55.9	4.2	
	8 969	216	750	2 005	3 781	1 907	92	132	12.4	65.9	2.5	
	406 220	36 363	47 358	110 339	134 075	52 489	7 843	3 939	11.9	48.8	2.9	
	1 322	19	32	264	650	262	41	17	12.5	73.4	4.4	
	60 863	2 653	4 129	22 554	15 564	12 588	1 643	518	12.0	49.8	3.6	
	24 184	2 146	1 115	6 272	6 329	4 179	523	748	11.9	48.7	5.3	
	19 836	1 716	1 791	6 462	5 902	2 662	489	154	11.7	46.4	3.2	
	163 081	18 166	24 437	41 148	59 944	11 859	950	294	11.4	44.8	0.8	
	1 972	133	305	266	442	417	93	115	12.2	54.1	10.5	
	3 728	1 058	585	866	427	81	31	—	8.2	14.5	0.8	
	9 101	541	606	2 479	2 778	1 659	489	210	12.2	56.4	7.7	
	28 191	5 822	6 154	6 823	5 395	1 161	171	162	8.9	24.4	1.2	
	48 907	2 093	2 874	10 213	25 411	6 644	911	356	12.3	68.1	2.6	
	604	24	68	82	389	20	21	—	12.3	71.2	3.5	
	28 955	1 459	2 526	5 337	8 098	8 299	1 847	704	12.6	65.4	8.8	
	2 423	69	83	630	444	991	146	39	12.9	66.9	7.6	
	10 053	230	542	6 361	1 560	1 123	131	86	11.0	29.0	2.2	
	3 604	172	179	664	1 111	584	378	536	12.7	71.8	25.4	
	911 723	55 402	79 426	168 569	410 630	147 373	23 983	10 442	12.3	65.0	3.8	
	17 626	3 121	4 422	4 108	3 870	4 731	138	70	9.1	27.3	1.2	
	178 115	6 645	8 619	33 910	101 853	26 063	1 955	607	12.4	73.2	1.4	
	315 299	40 073	49 030	73 055	100 674	32 126	5 749	2 266	11.3	44.7	2.5	
	5 363	314	557	1 036	2 035	1 087	157	109	12.3	63.2	5.0	
	362 440	6 133	13 537	50 583	188 322	80 441	15 083	6 868	12.6	80.2	6.1	
	347 121	1 473	12 017	47 955	182 442	77 683	14 030	6 497	12.6	80.9	5.9	
	15 319	1 155	954	2 628	5 880	2 758	1 053	371	12.4	65.7	9.3	
	32 880	220	3 261	5 877	13 896	6 925	901	522	12.4	67.7	4.3	
	304 331	41 893	39 531	78 409	71 846	25 685	5 753	5 096	10.3	35.6	3.6	
	37 828	7 717	5 608	11 332	6 310	1 939	553	19	9.3	23.3	1.5	
	4 896	536	381	2 694	881	279	18	—	10.6	24.1	0.4	
	1 972	236	331	536	362	185	53	—	9.8	30.4	2.7	
	3 471	723	589	771	831	204	130	—	9.8	33.6	3.7	
	495	100	63	115	114	35	21	—	10.0	34.3	4.2	
	23 929	3 102	5 765	6 647	3 560	1 155	331	19	11.5	21.2	1.5	
	3 065	602	479	569	562	81	—	—	8.3	21.0	—	
	2 719	418	347	628	576	203	172	—	10.0	35.0	6.3	
	754	203	86	136	211	26	47	—	9.9	37.7	6.2	
	1 423	235	166	336	282	137	94	—	10.2	36.1	6.6	
	35 109	3 975	5 261	10 704	5 734	1 736	381	19	9.3	22.4	1.1	
	18 237	2 986	3 126	3 927	2 840	853	501	259	8.8	24.4	4.2	

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.

United States	Years of school completed					Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College				
	Less than 5	5 to 7	8	1 to 3	4				5 or more
Female, 16 years old and over									
Total	617 889	1 542 402	2 199 245	6 381 722	12 449 111	4 114 831	2 088 367	1 141 091	
30 534 658									
4 674 716	13 958	23 259	47 122	226 824	912 800	961 731	1 534 077	954 945	
183 717	191	422	1 816	15 080	92 353	48 685	20 377	4 793	
2 133	44	—	8	74	280	160	481	1 086	
51 527	80	20	166	1 309	13 292	11 651	20 472	4 537	
38 189	65	20	42	582	9 012	9 015	16 107	3 346	
11 609	15	—	107	655	3 653	2 141	3 901	1 137	
1 729	—	—	17	72	627	495	464	54	
20 775	46	131	386	1 413	5 900	3 870	5 900	3 169	
1 065	10	—	21	148	225	225	262	193	
2 623	—	—	—	22	60	25	308	164	
4 948	—	—	—	90	554	537	926	487	
5 826	17	24	149	552	2 107	1 329	1 154	494	
1 830	—	—	—	103	409	421	582	270	
128	19	21	19	—	21	—	26	41	
54	—	—	—	—	—	—	13	—	
102	—	—	—	—	24	40	—	—	
435	—	—	—	21	79	119	197	19	
3 185	—	18	27	236	818	514	1 062	510	
959	—	—	—	—	101	97	603	136	
1 660	16	143	170	420	736	—	26	26	
5 502	34	84	63	370	389	391	3 192	1 013	
13 317	—	—	—	356	1 815	1 295	1 384	8 396	
662	—	—	—	116	197	77	38	234	
12 655	34	—	37	240	1 618	1 218	1 346	8 162	
102 492	179	126	461	3 450	16 855	16 443	25 164	39 814	
100 325	179	126	461	3 312	16 349	16 024	24 680	39 194	
2 167	—	—	—	138	506	419	484	620	
12 876	22	16	38	581	3 813	2 814	3 858	1 734	
1 536	—	—	—	—	351	451	633	101	
1 978	—	—	—	18	121	382	1 003	165	
9 362	22	16	38	563	3 341	1 981	2 222	1 179	
27 651	—	94	182	741	3 564	3 563	11 018	8 489	
1 121	—	37	42	111	480	183	127	141	
602	—	19	—	93	251	105	134	—	
10 435	—	20	17	223	1 277	1 502	4 414	2 982	
13 320	—	18	102	276	1 337	1 534	5 548	4 505	
761	—	—	21	—	96	73	355	216	
156	—	—	—	20	—	48	41	47	
979	—	—	—	—	64	97	314	504	
277	—	—	—	18	59	21	85	94	
7 389	11	31	78	392	2 679	1 536	1 860	802	
93 491	257	564	1 275	7 941	40 649	20 093	16 688	6 024	
45 038	—	191	305	1 490	5 534	4 892	7 430	25 196	
1 077	—	—	—	53	270	173	290	291	
2 802	—	13	—	149	607	673	281	1 079	
710	—	—	—	82	240	86	240	302	
13 349	—	95	199	625	2 054	1 938	4 860	3 578	
25 133	—	83	40	547	2 221	1 736	4 578	17 +	
565	—	—	—	40	123	134	143	18 949	
1 093	—	—	66	34	152	112	59	125	
3 309	—	—	—	42	25	40	—	202	
913 283	3 297	8 225	17 129	63 980	324 459	323 033	118 305	54 855	
38 096	1 293	6 687	2 943	6 681	8 715	3 451	9 049	5 673	
825 943	2 852	6 687	13 304	54 816	306 125	312 425	93 779	35 975	
49 224	154	245	882	2 483	9 619	7 157	15 477	13 207	

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Elementary				High school				College				Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more				
	Less than 5				1 to 3				1 to 3							4			
	5 to 7				8				1 to 3							4			
Total	185 347	376	894	2 122	10 681	66 932	59 318	33 422	11 582	13.6	92.4	24.3							
Health technologists and technicians	86 107	165	373	685	3 743	24 428	23 319	24 310	7 084	14.6	94.2	36.5							
Clinical laboratory technologists and technicians	16 449	44	20	22	104	1 508	10 457	3 404	1 890	14.9	98.8	26.1							
Dental hygienists	10 392	—	—	130	533	3 609	2 781	1 996	1 343	14.0	93.6	20.1							
Health record technologists and technicians	36 609	64	91	310	1 884	21 329	11 910	752	2 69	12.7	93.6	2.8							
Radiologic technologists and technicians	2 026	21	93	64	360	823	478	61	126	12.6	94.2	9.2							
Therapy assistants	33 764	82	317	971	4 057	15 255	8 373	2 899	1 870	12.8	84.1	14.1							
Health technologists and technicians, n.e.c.	26 166	144	509	831	2 232	6 674	5 732	5 030	5 014	14.4	85.8	38.4							
Religious workers	6 438	39	251	349	1 65	1 821	1 156	4 78	1 488	13.3	76.8	33.6							
Clergymen	19 728	105	258	482	1 376	5 053	4 576	4 352	3 526	14.7	88.7	39.9							
Religious workers, n.e.c.	20 673	—	20	147	368	2 509	2 409	4 293	10 927	17.4	97.4	73.6							
Social scientists	7 730	—	—	85	230	1 842	1 434	2 472	1 667	16.1	95.9	53.5							
Economists	247	—	—	24	—	44	—	77	102	—	—	—							
Political scientists	10 300	—	—	20	138	382	590	1 094	8 076	17.4	98.5	89.0							
Psychologists	453	—	—	—	—	21	56	117	259	17.7	100.0	83.0							
Sociologists	963	—	—	—	—	58	103	363	439	16.9	100.0	83.3							
Urban and regional planners	980	—	20	18	—	162	226	1 170	384	16.4	96.1	56.5							
Social scientists, n.e.c.	162 263	346	766	1 824	9 831	24 908	26 132	58 845	39 611	16.3	92.1	60.7							
Social and recreation workers	139 932	236	690	1 398	6 642	19 275	19 060	54 716	37 915	16.4	93.6	66.2							
Social	22 331	110	76	426	3 189	5 633	7 072	4 129	1 696	13.7	83.0	26.1							
Recreation	141	137	243	363	1 632	7 577	14 374	24 678	92 737	17.4	98.3	82.8							
Teachers, college and university	254	—	—	—	—	24	—	53	177	—	—	—							
Agriculture	544	—	—	—	—	98	67	379	98	—	—	—							
Atmospheric, earth, marine, and space	4 436	—	—	—	73	694	267	694	3 309	17.4	98.4	90.2							
Biology	1 782	—	—	—	—	43	91	322	1 326	17.4	100.0	92.5							
Chemistry	615	—	—	—	—	56	19	521	1 19	17.4	100.0	87.8							
Physics	1 033	—	—	19	21	214	132	218	429	16.6	96.1	62.6							
Engineering	4 677	—	—	—	64	164	391	867	3 191	17.4	98.6	86.8							
Mathematics	13 361	17	18	51	315	1 258	1 454	2 596	7 652	17.4	97.6	96.8							
Health specialties	3 834	—	—	—	—	40	52	337	3 405	17.4	100.0	97.6							
Psychology	4 426	—	—	—	—	111	192	1 663	2 460	17.4	100.0	93.2							
Business and commerce	3 060	—	—	—	—	18	21	66	774	17.4	100.0	95.6							
Economics	1 704	—	—	—	—	39	134	334	2 534	17.4	99.4	93.7							
History	2 663	—	—	26	42	20	90	183	1 385	17.4	98.5	92.0							
Sociology	10 662	53	—	17	36	589	1 288	1 897	6 782	17.4	98.4	94.7							
Social science teachers, n.e.c.	4 423	—	—	—	42	64	556	1 304	2 457	17.4	99.1	81.4							
Art, drama, and music	2 209	—	—	—	22	—	76	172	1 939	17.4	99.0	85.0							
Coaches and physical education	16 484	—	—	37	34	267	501	2 430	13 202	17.4	99.0	95.6							
Education	9 946	—	—	21	81	147	693	1 589	7 373	17.4	98.6	94.8							
English	3 956	—	—	16	181	200	83	989	2 487	17.4	95.0	87.9							
Foreign language	197	—	—	—	—	—	19	—	178	—	—	—							
Home economics	881	—	—	—	—	37	141	242	461	17.0	100.0	79.8							
Law	689	—	—	—	83	99	190	158	159	15.6	88.0	46.0							
Theology	5 297	—	—	—	50	110	274	1 039	3 824	17.4	99.1	91.8							
Trade, industrial, and technical	43 729	67	151	176	588	3 968	7 560	7 130	24 089	17.4	97.8	71.4							
Miscellaneous teachers, college and university	1 966 540	2 971	3 954	6 789	37 766	114 463	216 748	1 036 321	547 528	16.6	97.4	80.5							
Teachers, except college and university	24 100	84	304	371	2 184	4 537	4 149	7 826	4 645	16.1	87.8	51.7							
Adult education	1 214 743	1 791	1 710	2 442	13 639	47 568	133 957	694 064	319 572	16.6	98.4	83.4							
Elementary school	996 759	1 454	1 197	1 689	9 723	34 117	88 732	586 938	272 909	16.6	98.6	86.3							
Public	217 984	337	513	753	3 916	13 451	45 225	107 126	46 663	16.4	97.5	70.6							
Private	125 884	319	836	1 598	8 231	22 913	29 557	45 917	16 513	15.9	91.3	49.6							
Prekindergarten and kindergarten	56 335	159	348	692	2 527	5 471	8 266	27 138	11 734	16.4	93.4	69.0							
Public	69 549	160	488	906	5 704	17 442	21 291	18 779	4 779	14.4	89.6	33.9							
Private	—	—	—	—	—	—	—	—	—	—	—	—							

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed						Percent completed 4 years of college or more
	Elementary		High school		College		
	Less than 5	5 to 7	8	1 to 3	4	5 or more	
Total							
Female, 16 years old and over—Con.							
Professional, technical, and kindred workers—Con.							
Teachers, except college and university—Continued							
Secondary school							
Public	492 822	510	462	3 106	11 874	261 912	99.1
Private	408 310	425	336	2 427	9 104	220 710	99.1
Teachers, except college and university, n.e.c.	84 512	85	126	6 779	6 029	41 202	98.9
	108 991	594	1 916	10 606	27 571	26 602	87.7
Engineering and science technicians							
Agriculture and biological, except health	92 885	1 075	2 360	12 305	40 008	9 468	82.8
Chemical	10 960	161	595	2 023	4 448	1 142	74.3
Draftsmen	8 882	27	214	3 448	2 345	977	83.9
Electrical and electronic engineering	24 428	42	1 808	12 011	7 477	2 265	91.6
Industrial engineering	9 679	81	297	2 070	4 469	2 427	74.7
Mechanical engineering	2 812	35	76	547	1 139	687	76.6
Mathematical	437	—	19	122	180	100	11.7
Surveyors	36	—	—	—	36	—	67.7
Engineering and science, n.e.c.	2 070	45	72	363	904	152	76.1
	33 581	557	914	4 336	13 409	4 150	82.5
Technicians, except health, and engineering and science							
Airplane pilots	17 784	245	477	2 184	8 907	4 024	83.4
Air traffic controllers	530	—	—	22	159	73	13.8
Embalmers	1 226	—	—	187	600	66	95.8
Flight engineers	200	—	—	17	65	37	84.7
Radio operators	124	—	—	—	19	—	—
Tool programmers, numerical control	7 673	175	314	1 279	4 717	122	76.7
Technicians, n.e.c.	538	17	—	—	135	204	92.9
	7 493	53	163	679	3 212	2 180	88.1
Vocational and educational counselors							
Writers, artists, and entertainers							
Actors	48 384	133	258	1 029	2 727	6 947	96.8
Athletes and kindred workers	243 451	1 501	3 967	22 692	68 592	58 188	14.1
Authors	5 927	20	108	414	1 858	1 112	13.8
Dancers	14 987	100	282	2 885	4 657	4 403	12.9
Designers	7 935	44	281	1 175	1 131	2 715	97.0
Editors and reporters	5 653	22	84	1 745	2 382	2 226	62.3
Musicians and composers	27 082	300	569	2 806	7 940	6 162	85.9
Painters and sculptors	61 483	157	491	3 110	13 497	22 250	93.7
Photographers	32 850	165	586	4 161	9 479	5 857	27.4
Public relations men and publicity writers	9 434	226	671	2 641	12 301	7 904	90.8
Radio and television announcers	20 154	69	322	1 618	4 634	892	11.9
Writers, artists, and entertainers, n.e.c.	1 423	61	212	1 285	5 065	5 831	92.0
Research workers, not specified	16 954	243	445	1 720	4 086	3 276	91.4
Professional, technical, and kindred workers—allocated	30 089	52	101	822	3 762	9 063	84.3
	257 583	4 431	5 747	27 685	53 342	49 521	96.4
Managers and administrators, except farm							
Assessors, controllers, and treasurers; local public administration	1 083 601	29 823	58 909	181 580	461 231	84 764	74.2
Bank officers and financial managers	10 976	23	388	1 499	6 473	4 200	82.2
Buyers and shippers, farm products	55 306	97	828	4 675	32 229	11 961	12.7
Buyers, wholesale and retail trade	440	40	30	74	231	65	67.3
Credit men	53 459	120	675	8 240	23 619	6 382	79.0
Funeral directors	17 472	58	204	2 220	11 022	3 094	85.4
	2 460	24	59	252	954	380	21.2
Health administrators	38 185	132	703	3 914	11 244	5 209	83.6
Construction inspectors, public administration	185	—	—	31	49	—	—
Inspectors, except construction; public administration	5 828	—	205	1 234	2 483	476	71.6
Federal public administration and postal service	3 966	—	182	901	1 583	700	12.0
State public administration	1 047	—	36	211	527	139	70.9
Local public administration	815	—	43	122	373	121	79.8
Managers and superintendents, building	35 223	571	1 792	8 107	12 516	1 424	60.2
Office managers, n.e.c.	88 451	123	196	8 106	50 941	5 510	12.7
Officers, pilots, and pursers, ship	504	—	27	67	216	—	7.8

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970--Continued

United States	Years of school completed						Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College					
	Less than 5	5 to 7	8	1 to 3	4	5 or more				
Total										
Managers and administrators, except farm--Con.	45 417	169	878	3 775	22 103	10 289	5 207	2 927	89.2	17.9
Officials and administrators, public administration, n.e.c.	20 033	117	218	1 372	8 883	4 348	3 206	1 857	91.3	25.3
Federal public administration and postal service	6 087	52	128	536	2 930	1 216	670	607	89.1	21.0
State public administration	19 297	37	532	1 867	10 290	4 725	1 331	463	87.1	9.3
Local public administration	8 052	159	130	1 946	2 429	1 683	1 716	973	84.5	33.4
Officials of lodges, societies, and unions	22 654	100	388	2 141	5 154	1 920	1 423	87	71.3	4.8
Postmasters and mail superintendents	22 431	26	15	113	2 466	5 320	1 468	367	86.5	8.1
Purchasing agents and buyers, n.e.c.	112 126	1 711	12 618	33 264	44 480	10 164	2 524	721	55.9	2.9
Railroad conductors	52 477	256	3 128	12 657	25 058	6 987	2 781	641	57.6	6.5
Restaurant, cafeteria, and bar managers	8 984	131	110	3 975	2 591	1 079	1 730	181	87.1	14.0
Sales managers and department heads, retail trade	8 904	192	95	3 133	1 048	1 617	1 730	4 101	95.4	65.5
Sales managers, except retail trade	46 500	21	501	1 712	4 698	3 678	7 416	28 282	94.8	76.8
School administrators, college	272 039	1 539	13 450	45 456	114 988	51 343	25 213	13 762	75.5	14.3
School administrators, elementary and secondary	4 451	47	383	804	1 607	1 072	381	40	69.6	9.5
Managers and administrators, n.e.c., salaried	13 108	208	521	1 818	5 636	2 853	1 454	677	81.3	16.5
Construction	16 891	137	867	2 810	6 906	2 044	2 044	381	74.5	16.1
Durable goods manufacturing	15 490	68	219	1 272	6 848	5 149	1 416	344	89.1	11.6
Nondurable goods, incl. not specified manufacturing	10 943	32	110	1 231	5 657	2 109	1 439	344	87.3	16.3
Transportation	10 492	167	557	1 418	4 733	2 388	948	261	79.4	11.5
Communications, and utilities and sanitary services	88 326	531	5 616	19 180	41 249	13 273	4 947	1 148	68.6	6.9
Wholesale trade	1 987	42	171	1 817	975	347	204	61	79.9	13.3
Retail trade	23 055	66	376	4 818	11 624	2 962	1 492	347	71.2	8.0
Hardware, farm equipment, and building material retailing	17 335	1 102	586	3 372	7 313	1 370	274	41	51.9	1.8
General merchandise stores	2 581	54	90	581	1 212	501	243	119	80.1	14.0
Food stores	2 031	80	362	581	734	176	16	16	46.8	2.0
Motor vehicles and accessories retailing	18 658	183	845	3 584	9 077	3 577	1 191	201	75.3	7.5
Gasoline service stations	3 433	53	92	706	1 434	830	258	50	75.2	9.3
Apparel and accessories stores	19 236	85	392	3 606	8 880	3 510	2 650	313	72.5	8.1
Furniture, home furnishings, and equipment stores	22 527	59	277	2 312	11 468	4 985	2 104	736	85.6	19.6
Other retail trade	14 564	103	277	1 693	5 915	3 654	2 127	731	85.3	12.9
Finance, insurance and real estate	31 856	335	3 496	8 746	12 148	3 964	1 002	209	54.4	3.8
Business and repair services	43 391	175	933	4 172	12 821	8 932	7 351	8 523	86.7	36.6
Personal services	142 507	2 635	14 094	30 149	56 240	21 682	7 111	2 344	61.3	6.6
All other industries	2 039	62	235	1 431	797	219	283	15	63.8	14.5
Managers and administrators, n.e.c., self-employed	2 181	90	184	483	942	290	126	66	65.3	8.8
Construction	4 086	144	573	1 788	788	650	495	58	73.2	13.5
Durable goods manufacturing	2 173	37	111	334	834	636	121	100	77.8	10.2
Nondurable goods, incl. not specified manufacturing	1 106	60	65	227	460	187	97	10	68.2	9.7
Transportation	3 845	799	4 946	2 599	11 244	4 467	1 112	45	42.8	1.6
Communications, and utilities and sanitary services	4 134	105	252	727	1 720	748	395	107	71.8	12.1
Wholesale trade	86 916	1 714	9 535	19 215	33 886	11 985	3 442	862	57.7	5.0
Retail trade	2 278	51	213	273	1 165	414	80	145	72.8	3.5
Hardware, farm equipment, and building material retailing	3 827	61	822	1 534	3 120	1 474	379	145	63.8	6.5
General merchandise stores	1 106	896	4 946	8 632	10 531	2 599	467	45	42.8	1.6
Food stores	3 463	60	65	227	460	187	97	10	68.2	9.7
Motor vehicles and accessories retailing	9 810	232	401	1 967	4 634	1 763	401	90	70.2	5.0
Gasoline service stations	3 983	143	335	1 615	3 344	798	344	65	10.3	70.9
Apparel and accessories stores	26 404	367	1 180	4 882	11 141	4 466	1 654	507	67.3	8.2
Furniture, home furnishings, and equipment stores	2 425	63	228	308	722	798	182	172	77.3	14.6
Other retail trade	5 616	55	432	1 390	2 263	1 390	567	195	78.6	13.6
Finance, insurance, and real estate	25 489	501	2 790	6 223	10 204	3 451	755	406	58.0	4.4
Business and repair services	7 239	59	233	1 185	2 993	1 477	745	406	77.4	15.9
Personal services	44 410	2 262	731	9 252	16 457	6 004	3 418	1 532	61.7	11.1

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.

Female, 16 years old and over--Con.

Includes transportation, communications, and other public utilities--allocated.

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed					Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more				
	Elementary		High school		College							
	Less than 5	5 to 7	8	1 to 3	4				5 or more			
Total	2 249 259	13 850	277	160 736	633 100	997 617	292 628	61 686	13 999	12.2	60.7	3.4
Female, 16 years old and over—Con.	13 850	277	160 736	633 100	997 617	292 628	61 686	13 999	12.2	60.7	3.4	
Sales workers	20 473	69 020	128	160 736	1 547	5 628	4 074	1 789	385	12.9	85.7	15.7
Advertising agents and salesmen	44	128	20	255	143	72	42	—	—	...	...	...
Auctioneers	60	—	2	153	7 334	19 968	5 078	1 411	238	12.4	71.7	4.4
Demonstrators	830	3 147	6 898	2 153	21 511	49 243	13 382	2 679	508	12.3	67.0	3.2
Hucksters and peddlers	234	288	1 640	6 951	31 503	12 668	4 396	4 396	838	12.6	84.4	8.9
Insurance agents, brokers, and underwriters	161	468	938	4 520	3 824	4 520	102	7 538	34	12.0	51.1	1.2
Newsboys	220	834	2 518	10 830	39 469	22 654	7 084	1 599	2 084	12.7	83.3	11.2
Real estate agents and brokers	41	17	102	726	3 759	1 899	1 899	1 599	570	12.9	89.8	24.9
Stock and bond salesmen	9 662	53 113	132 717	533 405	776 155	216 600	35 511	7 228	7 228	12.2	58.7	2.4
Salesmen and sales clerks, n.e.c.	37 171	949	2 419	8 180	16 193	6 177	2 479	2 479	498	12.4	68.2	8.0
Sales representatives, manufacturing industries	42 858	1 277	2 994	9 778	19 524	6 627	1 908	1 908	571	12.4	66.8	5.8
Sales representatives, wholesale trade	1 540 859	47 693	118 563	476 352	679 574	179 737	26 011	4 446	4 446	12.2	57.7	2.0
Sales clerks, retail trade	694 029	18 563	51 066	211 267	319 808	79 435	9 833	1 505	1 505	12.2	59.2	1.6
General merchandise stores	172 231	2 428	20 497	65 102	62 391	10 889	1 319	3 199	43.4	11.5	43.4	0.9
Food stores	388 925	1 633	8 510	83 995	125 650	38 104	5 666	5 666	870	12.2	59.6	2.3
Apparel and accessories stores	368 674	1 870	25 630	115 988	171 725	51 309	9 193	9 193	60.2	12.2	60.2	2.9
Other sales clerks, retail trade	60 417	270	4 407	15 462	27 477	9 019	1 972	1 972	19	12.4	71.0	4.1
Salesmen, retail trade	5 215	128	2 733	10 103	15 040	756	3 141	3 141	304	12.3	63.7	5.4
Motor vehicles and accessories dealers	83 046	454	4 334	23 387	46 829	15 247	6 661	6 661	2 114	12.1	53.4	5.1
Salesmen of services and construction	170 886	9 221	13 495	46 829	67 300	15 247	6 661	6 661	2 114	12.1	53.4	5.1
Sales workers—allocated	10 515 431	39 615	92 254	253 223	1 568 167	6 184 708	1 982 671	317 895	76 898	12.5	81.4	3.8
Clerical and kindred workers	220 255	470	2 411	42 065	42 065	4 546	4 546	4 546	365	12.6	89.1	2.1
Bank tellers	87 377	169	2 380	12 310	12 310	1 539	1 539	1 539	300	12.5	82.3	2.2
Billing clerks	307 251	2 603	7 309	171 868	809 978	242 487	37 182	7 285	7 285	12.5	83.9	3.4
Bookkeepers	732 059	3 143	18 259	41 991	253 223	74 017	6 110	6 110	1 025	12.1	56.7	1.0
Cashiers	970	21	38	164	453	216	78	78	580	12.6	86.9	8.0
Clerical assistants, social welfare	48 327	90	207	834	5 199	29 700	2 476	2 476	580	12.6	86.9	6.3
Clerical supervisors, n.e.c.	19 161	122	376	500	2 927	3 733	590	590	64	12.5	79.5	3.4
Collectors, bill and account	157 916	808	4 156	10 429	43 761	76 097	19 856	2 192	617	12.3	62.5	1.8
Counter clerks, except food	11 517	77	98	629	2 675	6 180	1 488	1 488	18	12.3	68.0	1.4
Dispatchers and starters, vehicle	56 872	—	—	791	6 448	29 200	13 592	5 238	1 428	12.7	87.0	11.7
Enumerators and interviewers	103 462	178	503	2 099	12 207	59 001	21 456	6 608	1 410	12.6	85.5	7.7
Estimators and investigators, n.e.c.	46 360	215	582	1 764	7 692	26 819	7 093	1 839	356	12.5	77.9	4.7
Expeditors and production controllers	314 201	907	3 952	12 796	67 029	175 675	45 897	5 989	1 956	12.4	73.0	2.5
File clerks	24 976	53	105	180	1 498	13 372	6 551	2 770	447	12.8	92.6	12.9
Insurance adjusters, examiners, and investigators	100 926	104	126	515	14 157	34 607	32 778	10 729	7 910	13.1	85.2	18.5
Library attendants and assistants	20 284	45	273	785	4 013	11 384	3 403	2 887	94	12.4	74.6	1.9
Mail carriers, post office	56 625	249	1 183	3 798	12 589	29 922	7 762	846	276	12.4	68.5	2.0
Mail handlers, except post office	12 338	59	300	532	3 419	5 527	2 069	2 445	13	12.3	65.1	2.1
Messengers, including telegraph, and office boys	992	41	87	87	261	5 527	76	—	—	12.2	60.8	—
Meter readers, utilities	428 933	1 516	2 880	8 067	54 476	296 708	59 071	4 929	1 286	12.5	84.4	1.4
Office machine operators	59 863	301	1 091	7 567	8 877	41 002	8 877	8 877	122	12.5	84.7	1.2
Bookkeeping and billing machine	33 985	132	265	1 195	5 699	22 604	7 636	939	105	12.4	78.5	1.2
Calculating machine	35 813	77	40	414	3 660	22 864	7 636	7 636	183	12.6	88.3	3.1
Computer and peripheral equipment	11 792	35	227	475	2 334	6 621	1 837	216	47	12.4	74.0	2.2
Duplicating machine	257 222	869	1 209	3 542	29 099	185 875	33 476	2 402	730	12.5	86.5	1.2
Keypunch	4 798	41	167	153	656	3 079	640	62	99	12.4	78.8	1.3
Tabulating machine	25 460	138	671	1 197	5 461	14 663	2 938	293	59	12.4	70.7	1.5
Office machine, n.e.c.	111 088	169	520	1 577	16 349	74 207	16 349	2 073	304	12.5	83.7	2.1
Payroll and timekeeping clerks	91 258	164	792	3 165	17 680	15 945	15 904	1 338	270	12.5	76.1	1.8
Postal clerks	22 025	23	241	540	3 202	11 475	4 118	1 852	574	12.6	81.8	11.0
Proofreaders	949	—	21	—	80	602	133	67	66	12.6	89.6	13.7
Real estate appraisers	302 354	885	2 454	6 316	43 877	170 915	67 205	8 683	2 019	12.6	82.3	3.5
Receptionists	—	—	—	—	—	—	—	—	—	—	—	—

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College		Medion school years completed	5 or more	4	3			2
	Less than 5	5 to 7	8	1 to 3	4	1 to 3								4
Total	2 707 131	5 180	21 683	190 398	1 653 642	697 240	114 029	19 216	12.7	91.8	4.9		
Secretaries	86 369	358	57	3 874	51 193	26 023	3 716	559	12.7	94.4	4.9		
Secretaries, legal	69 925	60	345	4 647	38 372	23 112	2 576	710	12.8	92.6	4.7		
Secretaries, medical	62 317	272	5 041	18 002	30 487	5 220	6 448	85	12.2	58.5	1.2		
Shipping and receiving clerks	162 612	401	3 719	21 298	100 243	28 273	6 142	1 444	12.5	83.7	4.7		
Statistical clerks	122 952	205	1 092	7 608	82 908	27 564	2 973	490	12.6	92.7	2.8		
Stenographers	108 740	517	3 219	26 673	56 331	13 723	4 618	304	12.3	66.4	2.0		
Stock clerks and storekeepers	120 938	557	3 331	18 024	63 419	28 145	4 618	1 438	12.6	80.7	5.0		
Teacher aides, except school monitors	3 845	21	88	552	2 507	442	130	—	12.5	80.1	3.4		
Telephone operators	405 078	1 139	14 991	78 094	252 320	50 919	2 675	632	12.4	75.7	0.8		
Ticket, station, and express agents	37 036	60	546	2 479	19 441	10 956	3 200	254	12.8	91.4	9.3		
Typists	961 857	2 273	13 019	116 374	635 186	168 977	19 316	3 613	12.5	86.0	2.4		
Weighers	12 569	352	1 649	4 111	4 535	762	130	38	11.4	43.5	1.3		
Miscellaneous and not specified clerical workers	962 335	2 533	29 955	153 644	563 625	165 391	27 663	9 382	12.5	79.6	3.8		
Occupation:	314 063	1 032	10 305	49 015	175 453	57 230	11 928	5 363	12.5	79.6	5.5		
Miscellaneous clerical workers	648 272	1 501	19 650	104 629	388 172	108 161	15 735	4 019	12.5	79.6	3.0		
Not specified clerical workers	—	—	—	—	—	—	—	—	—	—	—		
Industry:	134 788	217	4 824	21 429	84 893	18 665	2 709	531	12.5	79.2	2.4		
Manufacturing	106 716	196	1 324	11 508	70 012	19 705	2 807	604	12.6	87.3	3.2		
Transportation, communications, and other public utilities	197 268	649	9 770	43 976	110 507	25 871	2 704	550	12.4	70.8	1.6		
Wholesale and retail trade	148 910	430	3 331	18 466	96 506	24 260	4 061	910	12.5	84.4	3.3		
Finance, insurance, and real estate	167 092	403	3 406	23 184	84 415	41 236	8 159	4 915	12.7	83.0	7.8		
Professional and related services	118 654	712	2 832	15 120	72 264	21 808	4 217	1 358	12.6	84.0	4.7		
Public administration	88 907	295	1 789	19 961	45 028	13 846	3 006	514	12.4	70.2	4.0		
All other industries	569 505	14 156	20 631	154 169	253 526	76 189	26 131	11 339	12.3	64.5	6.6		
Clerical and kindred workers—allocated	547 761	13 537	65 850	151 215	218 752	45 270	10 222	3 103	12.0	50.6	2.4		
Craftsmen and kindred workers	361	24	72	139	105	21	158	—	11.1	40.5	0.5		
Automobile accessories installers	33 228	833	5 237	10 469	11 649	1 661	20	—	10.5	35.7	0.6		
Bakers	3 589	108	734	1 023	1 014	249	19	—	11.2	40.4	2.5		
Cabinetmakers	773	40	85	291	293	—	—	—	11.4	44.6	2.4		
Carpet installers	51 375	1 837	5 488	14 566	17 882	3 783	882	355	11.3	42.8	2.0		
Construction craftsmen	2 313	70	285	693	852	93	46	—	—	—	—		
Brickmasons and stonemasons	168	—	—	58	44	20	46	—	—	—	—		
Brickmasons and stonemasons, apprentices	—	—	—	—	—	—	—	—	—	—	—		
Bulldozer operators	1 364	144	310	357	350	20	217	—	9.4	27.1	2.9		
Carpenters	12 118	600	1 480	3 312	4 016	664	—	140	11.1	41.6	—		
Carpenter apprentices	172	—	20	22	130	—	—	—	—	—	—		
Cement and concrete finishers	1 236	227	263	320	238	49	—	—	8.9	23.2	—		
Electricians	8 985	121	374	2 616	4 452	619	40	23	12.1	57.1	0.7		
Electrician apprentices	229	—	—	29	179	—	—	—	—	—	—		
Excavating, grading, and road machine operators; except bulldozer	2 718	67	454	811	571	144	32	—	9.7	27.5	1.2		
Floor layers, except tile setters	408	51	56	130	171	—	—	—	11.2	41.9	—		
Painters, construction and maintenance	13 987	370	1 218	3 915	4 514	1 582	499	153	11.8	48.2	4.7		
Painter apprentices	16	—	—	—	—	—	—	—	—	—	—		
Paperhangers	1 084	59	197	326	443	21	15	23	11.6	46.3	3.5		
Plasterers	509	25	59	182	182	84	—	—	12.1	52.3	—		
Plasterer apprentices	60	—	—	159	21	18	—	—	—	—	—		
Plumbers and pipe fitters	4 142	127	462	1 064	1 590	345	13	16	11.7	47.4	0.7		
Plumber and pipe fitter apprentices	159	—	—	—	107	40	—	—	—	—	—		
Roofers and slaters	994	54	289	372	116	55	20	—	9.5	19.2	—		
Structural metal craftsmen	1 060	32	121	326	298	107	—	—	10.8	38.2	—		
Tile setters	457	—	74	165	89	—	—	—	9.5	19.5	—		

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College			5 or more						
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Female, 16 years old and over—Con.														
Craftsmen and kindred workers—Continued														
Cranemen, derrickmen, and hoistmen	2 151	389	346	501	779	115	2 638	438	10.9	41.6	7.1			
Decorators and window dressers	43 287	1 003	2 726	8 841	18 989	8 260	124	74	12.5	70.1	3.1			
Dental laboratory technicians	6 355	32	206	1 213	3 359	1 270	17	—	12.0	50.8	1.4			
Electric power linemen and cablemen	2 558	67	156	349	1 000	81	20	—	11.8	48.0	0.8			
Engravers, except photoengravers		61	294	798	—	209	—	—	—	—	—			
Foremen, n.e.c.	130 586	7 351	15 294	36 721	54 504	10 623	3 261	1 215	12.1	53.3	3.4			
Construction	1 496	53	175	535	444	142	1 361	288	11.3	41.2	2.0			
Manufacturing	80 992	1 035	10 872	26 121	31 401	4 350	1 360	29	11.6	46.2	2.0			
Metal industries	3 439	31	546	1 379	1 379	203	103	23	12.0	51.2	5.2			
Machinery, except electrical	2 463	—	149	465	1 229	329	103	—	12.4	68.4	5.1			
Electrical machinery, equipment, and supplies	9 493	16	295	3 099	4 552	405	169	—	12.1	54.0	1.8			
Transportation equipment	2 187	25	105	292	1 055	292	122	—	12.4	67.2	5.6			
Other durable goods	10 083	80	127	3 550	3 802	638	132	59	11.7	45.9	1.9			
Food and kindred products	6 293	97	1 257	3 802	3 802	328	58	61	10.5	36.0	1.9			
Textiles, textile products, and apparel	31 358	636	4 298	11 371	10 918	917	228	—	11.0	38.5	0.7			
Other nondurable goods, including not specified manufacturing	15 676	674	2 008	4 444	6 642	1 243	399	116	12.1	53.6	3.3			
Transportation	1 562	66	315	338	709	90	44	—	12.1	54.0	2.8			
Communications, and utilities and sanitary services	4 505	46	121	316	2 925	725	268	71	12.6	88.5	7.5			
Wholesale and retail trade	22 048	219	2 074	5 283	10 230	2 591	616	204	12.3	61.9	3.7			
All other industries	19 983	740	1 737	4 128	8 795	2 795	942	652	12.4	65.6	8.0			
Furniture and wood finishers	4 129	203	634	1 150	1 395	70	30	—	10.5	36.2	0.7			
Furriers	563	69	57	170	130	57	—	—	10.3	33.2	—			
Glaziers	994	37	186	205	439	90	23	—	12.1	55.5	2.3			
Inspectors, scalers, and graders; log and lumber	2 221	63	327	892	608	105	157	23	10.7	32.1	1.9			
Inspectors, n.e.c.	9 352	331	1 239	2 746	3 499	556	157	23	11.5	45.3	—			
Construction	189	—	25	29	72	43	—	—	—	—	—			
Railroads and railway express service	224	—	27	90	67	19	—	—	—	—	—			
Jewelers and watchmakers	4 399	217	561	1 095	1 694	331	74	62	11.9	49.1	3.1			
Locomotive engineers	—	—	70	125	261	—	—	—	12.1	57.2	—			
Mechanics and repairmen	228	—	16	149	149	63	—	—	—	—	—			
Mechanics and repairmen—Continued														
Air conditioning, heating, and refrigeration	52 112	1 196	6 373	14 570	21 393	3 878	614	240	12.0	50.1	1.6			
Aircraft	1 130	29	178	275	473	56	—	—	11.6	46.8	—			
Automobile body repairmen	4 872	23	598	1 438	2 153	473	60	—	12.1	55.1	1.2			
Automobile mechanics	1 075	47	151	330	317	18	18	—	10.8	37.7	1.7			
Automobile mechanic apprentices	11 713	423	1 651	3 131	4 248	863	143	83	11.5	45.6	1.9			
Data processing machine repairmen	62	—	—	21	41	—	—	—	—	—	—			
Farm implement	788	18	31	131	406	135	48	—	12.5	74.7	6.1			
Heavy equipment mechanics, including diesel	355	40	77	43	147	30	18	—	—	—	—			
Household appliance and accessory installers and mechanics	11 271	285	1 623	3 428	4 512	467	37	—	11.5	44.5	0.3			
Loom fixers	2 733	51	287	800	1 148	148	—	—	12.0	51.8	1.4			
Office machine	265	20	56	99	508	89	83	—	12.5	77.6	9.5			
Radio and television	5 694	42	604	1 477	2 687	511	—	40	12.1	56.9	0.7			
Railroad and car shop	486	—	84	139	170	66	—	—	11.8	48.6	—			
Mechanics, except auto, apprentices	384	—	—	78	221	67	18	—	—	—	—			
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	8 390	161	814	2 444	3 685	745	131	66	12.1	55.1	2.3			
Manufacturing	3 658	97	426	1 226	1 478	218	54	22	11.9	48.4	2.1			
Not specified mechanics and repairmen	2 464	77	219	787	225	44.7	38	51	11.5	41.6	3.0			
Manufacturing—Continued														
Metal craftsmen, except mechanics	1 453	78	59	561	456	119	80	130	11.3	44.2	2.0			
Blacksmiths	35 728	648	5 148	10 789	14 151	1 436	80	—	11.4	44.2	0.6			
Boilermakers	346	23	90	89	100	21	—	—	—	—	—			

¹Includes transportation, communications, and other public utilities—allocated.

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College		College		College				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	1 to 3	4	5 or more			
Total	30 346	4 132	5 524	9 634	8 683	563	47	20	10.2	30.7	0.2		
Graders and sorters, manufacturing	2 733	3 748	4 477	7 618	5 751	487	82	113	9.6	25.7	0.8		
Produce graders and packers, except factory and farm	5 544	17 007	20 457	37 315	27 732	3 277	494	83	10.0	28.2	0.5		
Laundry and drycleaning operatives, n.e.c.	11 909	1 390	3 824	3 926	4 637	429	69	62	10.8	36.5	0.6		
Meat cutters and butchers, except manufacturing	19 474	3 124	3 263	6 499	4 637	389	19	62	9.9	26.2	0.4		
Meat cutters and butchers, manufacturing	44 248	3 250	5 574	17 076	17 780	1 283	41	227	11.5	43.2	0.1		
Meat wrappers, retail trade	173 257	16 951	26 716	61 288	59 438	4 355	426	44	10.9	37.2	0.4		
Metaworking operatives, except precision machine	25 655	3 038	4 480	8 809	7 651	629	18	44	10.4	32.5	0.2		
Filers, polishers, sanders, and buffers	2 747	64	456	809	879	119	10	20	10.6	36.7	0.4		
Furnacemen, smeltermen, and pourers	200	—	—	40	121	19	—	—	—	—	—		
Heaters, metal	3 081	264	404	849	1 314	142	28	—	11.8	48.2	0.9		
Metal platers	56 574	5 839	9 205	21 408	17 681	964	81	102	10.7	33.3	0.3		
Punch and stamping press operatives	13 159	247	2 221	4 502	4 533	375	22	—	10.9	37.5	0.2		
Riveters and fasteners	37 620	2 722	5 363	13 364	14 221	1 205	184	61	11.3	41.7	0.7		
Solders	34 221	3 190	4 587	11 788	13 038	902	83	—	11.2	41.0	0.2		
Welders and flame-cutters	2 127	101	371	240	650	126	—	21	10.7	37.5	1.0		
Milliners	4 869	619	730	1 283	1 723	177	57	—	10.9	40.2	1.2		
Mine operatives, n.e.c.	719	56	144	173	219	—	—	—	9.6	30.5	—		
Cool mining	3 490	420	476	933	1 275	129	57	—	11.1	41.9	1.6		
Crude petroleum and natural gas extractions	660	72	110	177	229	48	—	—	11.1	42.0	—		
Mining and quarrying, except fuel	3 042	330	382	976	1 143	95	18	18	11.2	41.9	1.2		
Mixing operatives	1 830	256	320	611	516	29	—	—	10.7	29.8	—		
Oilers and greasers, except auto	351 976	38 668	56 485	123 869	111 081	9 107	1 073	248	10.2	34.5	0.4		
Packers and wrappers, except meat and produce	18 932	1 931	3 130	6 044	6 432	719	125	111	11.0	39.0	1.2		
Painters, manufactured articles	31 342	1 622	2 073	8 336	15 575	3 636	579	164	12.3	63.7	2.4		
Photographic process workers	42 419	963	7 418	15 167	13 779	1 128	76	—	10.8	35.3	0.2		
Precision machine operatives	17 394	487	3 284	5 984	5 310	439	58	—	10.6	33.4	0.3		
Drill press operatives	8 551	1 832	1 281	3 391	2 870	137	—	—	10.9	35.2	—		
Grinding machine operatives	8 046	37	1 218	2 805	3 109	184	18	—	11.2	41.2	0.2		
Lathe and mixing machine operatives	8 428	726	1 635	2 987	2 490	368	—	—	10.6	33.9	—		
Precision machine operatives, n.e.c.	494	90	25	108	146	35	24	23	11.5	46.2	9.5		
Sailors and deckhands	8 982	1 014	1 722	3 124	2 629	188	—	—	10.4	31.4	—		
Sawyers	883 678	136 588	160 036	277 245	242 555	17 952	2 396	888	10.1	29.9	0.4		
Sewers and stitchers	9 120	1 041	9 553	12 780	11 337	679	16	—	10.1	29.8	0.1		
Shoemaking machine operatives	248 095	50 487	37 424	87 602	58 494	255	23	15	10.5	35.9	0.4		
Stationary firemen	5 422	1 506	2 993	6 997	4 769	3 481	260	79	9.9	25.1	0.1		
Textile operatives	19 279	3 427	6 500	17 088	10 553	40	—	—	9.2	20.2	—		
Carding, lapping, and combing operatives	105 758	25 142	16 278	36 215	21 475	1 120	56	40	10.1	27.0	—		
Knitters, loopers, and foppers	26 972	5 514	4 093	10 301	5 663	404	143	—	9.5	21.5	0.1		
Spinners, twistors, and winders	90 664	14 898	13 379	32 381	25 534	1 474	61	39	9.9	23.0	0.5		
Weavers	33 375	2 447	4 769	11 177	13 515	915	73	21	11.4	43.5	0.3		
Winding operatives, n.e.c.	799 884	87 390	123 078	267 863	266 490	27 306	2 729	1 134	10.9	37.2	0.5		
Miscellaneous and not specified operatives	326 431	34 504	51 071	111 798	109 055	10 091	1 021	398	10.9	36.9	0.4		
Occupation:	164 476	16 502	25 696	55 925	56 857	5 118	427	93	10.9	38.0	0.3		
Machine operatives, miscellaneous specified	7 486	25 541	30 038	67 878	68 545	9 187	955	517	10.9	37.7	0.7		
Machine operatives, not specified	98 830	10 843	16 273	32 262	32 033	2 910	326	126	10.7	35.8	0.5		
Miscellaneous operatives													
Not specified operatives													

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College				5 or more				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
Total	19 963	76 459	111 142	240 187	235 248	20 054	1 835	20 590	591	10.8	36.5	0.3	
Manufacturing	7 631	30 889	50 900	116 947	122 751	10 590	970	10 590	379	11.1	39.5	0.4	
Durable goods	595	1 372	1 971	4 023	3 716	24	17	24	24	10.5	33.8	0.3	
Lumber and wood products, except furniture	358	2 488	3 093	5 434	3 746	312	40	25	25	10.0	26.6	0.4	
Furniture and fixtures	481	2 091	3 046	6 822	6 858	600	148	59	59	11.0	38.1	1.0	
Stone, clay, and glass products	135	644	1 203	2 645	2 987	224	—	—	—	11.2	41.0	—	
Glass and glass products	53	161	75	149	234	69	—	—	—	10.9	42.5	2.8	
Cement, concrete, gypsum, and plaster products	293	1 286	1 768	4 028	3 637	307	148	38	38	10.8	35.9	1.6	
Other stone, clay, and glass products	484	1 241	1 993	4 433	4 365	250	—	—	—	10.8	36.3	0.2	
Primary metal industries	102	180	110	434	497	44	—	—	—	11.0	39.6	—	
Blas furnaces, steelworks, and rolling and finishing mills	339	367	648	1 132	963	76	—	—	—	10.3	31.1	—	
Other primary iron and steel industries	229	694	1 235	2 867	2 905	130	—	—	—	11.0	37.8	0.3	
Primary nonferrous industries	950	4 299	6 055	11 569	9 618	747	59	—	—	10.4	31.3	0.2	
Fabricated metal industries, including not specified metal	6 321	216	1 216	1 927	1 960	159	—	—	—	10.7	33.5	—	
Cutlery, hand tools, and other hardware	86	444	433	1 262	1 050	65	—	—	—	10.3	33.4	—	
Fabricated structural metal products	229	1 053	1 669	2 838	2 483	156	21	—	—	10.3	31.5	0.2	
Screw machine products, & metal stamping	419	1 959	2 737	5 542	4 125	367	38	—	—	10.3	29.8	0.3	
Miscellaneous fabricated metal products and not specified metal	528	2 299	3 627	8 523	9 242	1 042	108	—	—	11.2	41.0	0.5	
Machinery, except electrical	34	43	152	433	359	20	—	—	—	11.0	36.4	—	
Machinery and equipment	68	96	146	127	289	104	—	—	—	11.5	47.3	—	
Farm machinery and material handling machines	47	454	619	1 582	1 593	126	—	—	—	11.1	38.9	—	
Metallworking machinery	90	407	780	2 022	2 614	19	—	—	—	11.8	47.6	0.7	
Office and accounting machines, and electronic computing equipment	289	1 299	1 930	4 359	4 387	448	89	—	—	11.0	38.5	0.7	
Other machinery, except electrical	1 507	7 876	14 831	38 724	47 754	4 378	215	74	—	11.6	45.4	0.3	
Electrical machinery, equipment, and supplies	5 943	159	775	1 968	2 305	164	—	—	—	11.2	41.5	0.1	
Household appliances	309	1 644	3 809	10 827	14 331	1 293	21	—	—	11.9	48.6	0.3	
Radio, T.V., and communication equipment	860	4 828	9 281	23 230	28 224	2 345	194	—	—	11.5	44.6	0.3	
Electrical machinery, equipment, and supplies, n.e.c.	180	831	966	2 699	2 894	576	—	—	—	11.3	42.8	0.3	
Not specified electrical machinery, equipment, and supplies	191	1 848	3 351	9 794	10 623	958	84	—	—	11.5	43.5	0.4	
Transportation equipment	154	1 149	1 958	5 430	6 339	586	63	—	—	11.5	44.6	0.4	
Motor vehicles & motor vehicle equipment	20	482	856	2 883	3 220	287	21	—	—	11.6	45.6	0.5	
Aircraft and parts	17	217	537	1 481	1 064	85	—	—	—	10.9	33.8	—	
Other transportation equipment	390	1 476	3 154	6 872	7 666	597	63	—	—	11.2	41.2	0.3	
Professional and photographic equipment, and watches	283	1 254	2 071	4 669	5 552	40	—	—	—	11.3	42.5	0.3	
Professional equipment and supplies	171	478	1 369	2 800	3 749	274	—	—	—	11.6	43.5	0.3	
Ordnance	1 913	5 298	8 147	17 469	15 007	1 136	236	—	—	10.6	33.5	0.7	
Miscellaneous manufacturing industries	73	123	263	484	407	—	—	—	—	10.3	30.1	—	
Durable goods—allocated	11 819	44 562	59 542	120 880	110 291	9 273	842	212	—	10.6	33.7	0.3	
Nondurable goods	3 974	12 855	13 184	25 507	19 236	1 974	200	32	—	10.0	27.9	0.3	
Food and kindred products	1 121	3 247	3 252	5 832	3 567	337	41	—	—	9.6	22.7	0.2	
Meat products	15	183	407	696	818	143	—	—	—	11.3	42.5	—	
Dairy products	2 008	5 728	5 112	9 794	6 804	774	98	—	—	9.7	25.4	0.4	
Canning and preserving fruits, vegetables, and seafoods	178	982	827	2 027	2 027	290	16	—	—	10.7	32.3	0.2	
Bakery products	38	389	341	746	96	96	—	—	—	10.1	26.6	—	
Beverage industries	614	2 326	3 245	5 534	5 566	334	45	—	—	10.4	33.7	0.3	
Other food and kindred products													

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

United States

Female, 16 years old and over—Con.

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

Occupation	Years of school completed								Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College		5 or more				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3						4
Total	12 912	33 212	39 891	101 039	101 928	16 134	2 040	522	11.0	39.2	0.8
Animal caretakers, except farm	150	787	1 347	4 737	6 057	2 241	409	86	12.1	55.5	3.1
Construction laborers, except carpenters' helpers	1 184	192	1 144	3 300	2 328	551	83	16	10.7	37.6	0.9
Fishermen and oystermen	1 249	87	1 788	3 389	2 450	67	14	71	9.8	27.8	1.1
Freight and material handlers	1 339	5 123	5 788	13 815	14 464	1 797	100	—	11.0	28.7	0.4
Garbage collectors	1 018	184	1 600	2 991	2 115	44	19	—	9.6	27.3	1.9
Gardeners and groundskeepers, except farm	9 739	1 337	1 146	2 600	2 516	754	187	—	10.4	35.5	1.9
Longshoremans and stevedores	866	143	49	280	251	62	—	—	10.7	36.1	—
Lumbermen, raftsmen, and woodchoppers	2 142	287	292	697	544	—	44	—	10.0	28.4	3.0
Stock handlers	109 915	7 141	12 697	39 930	42 001	6 290	368	85	11.5	44.3	0.4
Teamsters	298	40	64	116	59	19	—	—	—	—	—
Vehicle washers and equipment cleaners	13 941	1 961	2 273	5 350	3 107	451	60	—	10.1	26.0	0.4
Warehousemen, n.e.c.	4 498	294	596	1 344	1 890	274	36	—	11.9	48.9	0.8
Miscellaneous and not specified laborers	71 535	10 521	11 003	21 662	21 067	2 706	471	174	10.4	34.1	0.9
Occupation:	19 506	2 654	3 178	6 022	5 724	824	84	57	10.5	34.3	0.7
Miscellaneous laborers	52 029	7 867	7 825	15 640	15 343	1 882	387	117	10.4	34.1	1.0
Not specified laborers	42 694	5 897	6 822	13 779	13 030	1 114	172	72	10.5	33.7	0.6
Industry:	22 744	2 670	3 484	7 476	7 484	755	110	47	10.8	36.9	0.7
Durable goods	85	384	286	505	333	119	24	28	9.8	28.6	2.9
Lumber and wood products, except furniture	1 764	221	286	627	390	—	—	—	10.2	25.3	—
Furniture and fixtures	1 542	150	157	467	441	44	21	—	11.0	38.1	1.6
Stone, clay, and glass products	1 327	22	39	19	35	—	—	—	—	—	—
Cement, concrete, gypsum, and plaster products	1 442	22	22	81	93	—	—	—	—	—	—
Structural clay products	231	14	23	81	313	44	21	—	—	—	—
Other stone, clay, and glass products	934	114	95	367	313	—	—	—	11.2	39.6	2.2
Primary metal industries	1 792	287	285	385	582	123	—	—	10.5	39.3	—
Blot furnaces, steel works, and rolling and finishing mills	655	86	99	140	241	27	—	—	10.7	40.9	—
Other primary iron and steel industries	485	87	96	106	72	56	—	—	8.9	26.4	—
Primary nonferrous industries	652	114	90	139	269	40	—	—	11.6	47.4	—
Fabricated metal industries, including not specified metal	4 344	614	901	1 441	1 179	85	—	—	10.1	29.1	—
Fabricated structural metal products	557	139	120	97	174	27	—	—	9.6	36.1	—
Machinery, except electrical	1 342	105	70	571	516	42	—	—	11.4	41.6	—
Electrical machinery, equipment, and supplies	4 119	141	564	1 156	1 917	58	15	—	11.8	48.3	0.4
Transportation equipment	1 661	203	85	604	666	30	—	—	11.3	41.9	—
Motor vehicles & motor vehicle equipment	793	97	42	220	381	16	—	—	12.0	50.1	—
Ship and boat building and repairing	295	48	24	167	56	—	—	—	—	—	—
Other transportation equipment	573	58	19	217	229	14	—	—	11.4	42.4	—
Professional and photographic equipment, and watches	672	71	134	184	203	80	—	—	11.1	42.1	—
Ordnance	1 560	55	243	681	516	38	—	—	11.1	37.2	—
Miscellaneous manufacturing industries	2 550	294	473	836	707	147	12	19	10.6	34.7	—
Manufacturing, durable goods—allocated	71	18	—	19	34	—	—	—	—	—	—
Nondurable goods	19 422	3 176	3 277	6 219	5 272	359	62	25	10.1	28.4	0.4
Food and kindred products	6 394	1 153	1 178	1 779	1 648	153	13	—	9.7	28.4	0.2
Dairy products	1 888	413	323	501	481	44	—	—	9.5	27.8	—
Meat products	264	—	73	57	100	34	—	—	—	—	—
Canning and preserving fruits, vegetables, and seafoods	2 588	503	425	693	649	61	13	—	9.5	27.9	0.5
Grain-mill products	238	25	57	116	97	14	—	—	—	—	—
Beverage industries	319	43	300	115	92	—	—	—	—	—	—
Other food and kindred products	1 097	169	—	299	229	—	—	—	8.9	20.9	—

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College			Median school years completed	5 or more				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
United States													
Female, 16 years old and over—Con.													
Laborers, except farm—Continued													
Miscellaneous and not specified laborers—Continued													
Industry—Continued													
Manufacturing—Continued													
Nondurable goods—Continued													
Tobacco manufactures	565	172	102	116	75	—	—	—	—	—	—	—	—
Textile mill products	2 856	586	479	971	610	15	—	—	—	—	—	—	—
Yarn, thread, and fabric mills	1 703	422	285	503	344	15	—	—	—	—	—	—	—
Other textile mill products	1 153	164	194	468	266	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products	1 695	315	258	466	513	51	—	—	—	—	—	—	—
Paper and allied products	1 424	171	171	492	419	21	—	—	—	—	—	—	—
Pulp, paper, and paperboard mills	500	94	83	143	146	21	—	—	—	—	—	—	—
Other paper and allied products	924	82	88	349	273	—	—	—	—	—	—	—	—
Printing, publishing, and allied industries	1 071	53	181	291	481	38	—	—	—	—	—	—	—
Chemicals and allied products	1 439	108	155	551	607	—	—	—	—	—	—	—	—
Petroleum and coal products	80	—	—	12	68	—	—	—	—	—	—	—	—
Rubber and miscellaneous plastic products	2 149	228	466	860	499	—	—	—	—	—	—	—	—
Leather and leather products	1 464	248	275	608	261	—	—	—	—	—	—	—	—
Nondurable goods—allocated	1 285	21	39	73	91	21	—	—	—	—	—	—	—
Not specified manufacturing industries	528	58	61	84	274	—	—	—	—	—	—	—	—
Nonmanufacturing industries	28 841	4 624	4 181	7 883	8 037	1 592	—	—	—	—	—	—	—
Railroads and railway express service	856	103	149	163	165	49	—	—	—	—	—	—	—
Transportation, except railroads	1 139	40	110	269	490	91	—	—	—	—	—	—	—
Comm., and utilities and sanitary services	838	180	142	169	266	25	—	—	—	—	—	—	—
Transportation, communications, and other public utilities—allocated	49	—	—	25	24	—	—	—	—	—	—	—	—
Wholesale trade	4 402	912	905	1 220	916	123	—	—	—	—	—	—	—
Retail trade	6 095	597	804	1 748	1 902	316	—	—	—	—	—	—	—
Business and repair services	2 215	476	346	557	569	94	—	—	—	—	—	—	—
Personal services	3 446	291	559	647	685	179	—	—	—	—	—	—	—
Private households	1 494	226	300	384	267	59	—	—	—	—	—	—	—
Public administration	1 277	71	204	479	417	19	—	—	—	—	—	—	—
All other industries	8 524	508	933	2 241	2 603	696	—	—	—	—	—	—	—
Laborers, except farm—allocated	22 274	2 450	2 587	6 157	6 824	768	—	—	—	—	—	—	—
Farmers and farm managers													
Farmers, owners and tenants	72 514	2 349	13 807	15 560	23 088	7 227	—	—	—	—	—	—	—
Farm managers	61 966	1 612	12 618	12 878	19 925	6 097	—	—	—	—	—	—	—
Farmers and farm managers—allocated	2 499	53	230	411	829	43	—	—	—	—	—	—	—
Farm laborers and farm foremen													
Farm foremen	181 044	24 028	26 404	47 016	41 996	8 096	—	—	—	—	—	—	—
Farm laborers, wage workers	2 173	131	196	554	652	285	—	—	—	—	—	—	—
Farm laborers, unpaid family workers	116 626	18 422	16 286	32 148	20 417	3 287	—	—	—	—	—	—	—
Farm service laborers, self-employed	41 381	485	7 489	9 512	16 761	3 614	—	—	—	—	—	—	—
Farm laborers and farm foremen—allocated	584	—	29	189	169	35	—	—	—	—	—	—	—
Service workers, except private household													
Cleaning service workers	5 061 340	155 613	605 842	1 614 718	1 798 798	496 529	—	—	—	—	—	—	—
Chambermaids and maids, except private household	628 667	108 857	122 878	199 736	133 003	19 505	—	—	—	—	—	—	—
Cleaners and chorwomen	207 228	13 297	37 929	69 356	43 912	6 507	—	—	—	—	—	—	—
Janitors and sextons	160 596	18 565	52 771	81 279	51 832	6 745	—	—	—	—	—	—	—
Food service workers	2 042 199	9 592	32 178	49 101	37 259	6 253	—	—	—	—	—	—	—
Bar tenders	42 369	42 459	156 432	776 989	653 313	131 586	—	—	—	—	—	—	—
Busboys	15 090	590	2 110	14 660	16 471	2 327	—	—	—	—	—	—	—
Cooks, except private household	545 745	599	1 283	7 512	3 278	1 377	—	—	—	—	—	—	—
Dishwashers	70 210	18 506	102 292	181 905	157 378	19 741	—	—	—	—	—	—	—
Food counter and fountain workers	119 202	6 062	11 548	22 095	15 465	4 444	—	—	—	—	—	—	—
		1 505	12 540	47 169	37 351	13 136	—	—	—	—	—	—	—

Table 5. Years of School Completed by the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Occupation	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more				
	Elementary					High school								College			
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more	1 to 3	4				5 or more			
United States																	
Female, 16 years old and over—Con.																	
Service workers, except private household—Con.																	
Waiters	8 499	46 847	94 035	413 370	343 433	7 001	75 570	1 504	11.5	43.2	0.9						
Food service workers, n.e.c., except private household	6 698	25 453	40 640	90 278	79 936	1 079	14 991	249	10.9	37.1	0.5						
Health service workers	10 615	51 740	98 136	298 999	465 150	9 858	145 822	2 517	12.2	57.6	1.1						
Dental assistants	131	1 512	1 488	14 598	52 998	2 225	20 028	348	12.5	81.7	1.7						
Health aides, except nursing	720	4 024	7 234	27 046	44 981	2 799	16 920	713	12.3	62.6	3.4						
Health trainees	209	1 200	1 113	1 278	6 166	585	9 366	154	13.4	90.4	4.1						
Lay midwives	41	16	73	140	370	16	81	921	12.3	63.4	2.2						
Nursing aides, orderlies, and attendants	8 046	41 182	74 810	208 680	244 209	3 458	55 320	381	11.8	47.7	0.7						
Practical nurses	1 468	5 886	14 418	47 257	116 426	1 775	44 107	—	12.4	70.2	0.9						
Personal service workers	7 555	32 645	62 083	200 578	382 407	16 377	97 730	3 826	12.3	62.3	2.5						
Airline stewardesses	79	1 388	1 191	10 898	5 111	5 121	16 203	562	14.0	97.9	17.0						
Attendants, recreation and amusement	127	382	1 064	7 244	5 783	4 480	4 492	129	12.2	55.2	3.1						
Attendants, personal service, n.e.c.	750	2 543	4 906	10 306	12 618	7 318	7 318	459	12.1	54.1	4.7						
Baggage porters and bellhops	—	—	39	211	152	39	—	—	11.6	43.3	—						
Barbers	192	567	891	1 857	3 715	75	598	28	12.1	55.7	1.3						
Boarding and lodging house keepers	171	642	1 052	1 344	564	103	564	112	11.1	42.5	3.9						
Bootblacks	39	—	89	113	75	—	20	—	—	—	—						
Child care workers, except private household	2 743	9 136	13 235	35 168	43 065	3 679	15 737	859	12.0	51.2	3.7						
Elevator operators	200	1 138	1 772	3 770	3 077	48	435	22	10.7	34.2	0.7						
Hairdressers and cosmetologists	443 851	1 324	26 955	109 909	258 447	1 386	33 859	248	12.3	66.2	0.4						
Personal service apprentices	853	24	106	358	302	17	21	—	11.3	39.9	2.0						
Housekeepers, except private household	76 879	5 435	9 955	19 175	25 224	2 630	12 206	920	12.1	53.3	4.6						
School monitors	24 622	95	988	5 510	12 560	793	3 967	88	12.4	70.7	3.6						
Ushers, recreation and amusement	4 562	19	66	2 175	1 115	130	917	65	11.9	48.8	4.3						
Welfare service aides	11 410	83	1 052	3 285	4 089	489	1 375	334	12.1	55.1	7.2						
Protective service workers	60 948	744	2 706	17 075	27 292	1 035	6 763	269	12.2	58.0	2.1						
Crossing guards and bridge tenders	25 670	230	2 733	8 742	11 424	1 245	1 245	—	12.0	50.0	0.7						
Firemen, fire protection	2 271	37	117	370	1 388	56	182	—	12.4	71.6	2.5						
Guards and watchmen	16 476	330	1 119	4 309	6 405	185	2 418	119	12.1	55.4	1.8						
Marshals and constables	228	25	24	43	111	—	—	25	—	—	—						
Policemen and detectives	14 178	122	523	3 129	6 948	610	2 431	105	12.4	71.2	5.0						
Public	11 029	101	417	2 193	5 507	592	1 869	83	12.5	73.3	6.1						
Private	3 149	21	106	936	1 441	18	532	22	12.3	63.9	1.3						
Sheriffs and bailiffs	2 125	—	30	452	1 016	14	487	20	12.5	72.3	1.6						
Service workers, except private household—allocated	443 488	52 786	49 477	121 341	137 633	7 248	25 123	2 990	10.8	39.0	2.3						
Private household workers	1 186 369	132 051	201 814	337 821	208 661	6 471	40 057	2 370	9.0	21.7	0.7						
Occupation:																	
Child care workers, private household	237 879	8 872	25 030	93 010	59 297	2 632	17 515	729	10.7	33.7	1.4						
Cooks, private household	32 243	7 892	5 895	4 830	4 830	93	1 015	62	8.7	18.6	0.5						
Housekeepers, private household	101 640	9 476	21 190	26 720	18 827	3 491	3 491	298	8.9	22.6	0.6						
Landrresses, private household	11 234	1 405	2 432	2 763	1 633	107	370	—	8.7	18.8	1.0						
Maids and servants, private household	680 420	77 879	168 127	185 847	105 732	2 857	16 523	1 071	8.8	18.5	0.6						
Private household workers—allocated	122 953	30 356	32 453	21 068	18 342	1 143	1 143	210	7.9	16.4	0.6						
Living arrangement:																	
Living in	72 755	8 101	14 870	14 722	16 321	627	3 076	233	8.9	27.8	1.2						
Housekeepers, private household	19 988	1 753	4 696	4 404	4 566	146	740	58	9.0	27.6	1.0						
Maids and servants, private household	41 068	5 739	9 015	7 618	8 744	384	1 651	8.7	8.7	26.6	1.2						
Living out	1 113 614	123 950	242 254	323 099	192 340	5 844	36 981	2 137	9.0	21.3	0.7						
Unemployed persons, last worked 1959 or earlier	85 103	4 180	8 764	18 846	28 899	3 484	7 941	1 291	11.9	48.9	5.6						

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more					
	Elementary		High school		College		5 or more		1 to 3	4				5 or more				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4											
Male, 16 years old and over	4 312	449	400	628	1 185	487	1 088	194	323	702	104	617	87	134	10.6	37.2	4.4	
Professional, technical, and kindred workers	244	655	4	056	20	832	45	864	50	483	57	003	59	779	15.7	87.1	47.7	
Accountants	9	064	34	—	421	1	776	—	2	662	3	065	1	083	15.6	94.7	45.8	
Architects	1	159	106	35	149	270	240	—	44	—	1	542	14.7	71.1	14.9	93.2	48.7	
Computer specialists	6	334	49	30	270	1	620	711	2	112	1	542	14.7	71.1	14.9	93.2	48.7	
Computer programmers	4	146	39	—	166	1	207	—	1	452	1	452	14.4	30.9	14.4	96.0	35.6	
Computer systems analysts	1	966	10	30	104	391	352	—	1	497	582	—	352	47.5	92.7	47.5	30.9	
Computer specialists, n.e.c.	222	—	—	—	163	—	22	—	—	—	—	—	37	—	—	—	—	
Engineers	14	198	191	364	1	074	2	149	3	277	4	081	2	908	15.9	87.4	49.2	
Aeronautical and astronautical	789	—	—	—	—	—	—	—	207	178	—	—	258	16.2	100.0	55.3	—	
Chemical	367	—	30	—	—	—	88	73	22	154	—	—	—	—	—	—	—	
Civil	2	381	38	87	213	224	224	—	22	675	—	—	465	15.8	83.3	47.9	—	
Electrical and electronic	3	982	23	27	258	839	529	—	913	1	380	—	839	16.2	91.9	55.7	—	
Industrial	1	845	—	52	120	225	—	—	478	535	—	—	435	16.1	90.7	52.6	—	
Mechanical	1	888	74	96	231	385	—	—	409	409	—	—	242	13.9	76.5	34.5	—	
Metallurgical and materials	159	—	—	—	52	—	25	—	25	64	—	—	70	—	—	—	—	
Mining	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Petroleum	91	—	—	—	13	18	18	—	—	50	—	—	23	—	—	—	—	
Sales	70	—	—	—	18	39	—	—	—	—	—	—	—	—	—	—	—	
Engineers, n.e.c.	2	549	26	102	187	491	—	—	604	636	—	—	464	15.1	86.1	43.2	—	
Farm management advisors	565	—	74	42	167	100	84	41	—	196	—	—	297	17.0	100.0	87.3	—	
Foresters and conservationists	70	—	223	—	—	—	—	—	39	84	—	—	41	9.8	34.3	16.2	—	
Home management advisors	16	—	—	—	—	16	—	—	—	—	—	—	—	—	—	—	—	
Lowyers and judges	3	309	—	—	—	238	23	23	210	474	—	—	187	17+	100.0	86.5	—	
Judges	279	—	—	—	—	—	—	—	23	46	—	—	—	—	—	—	—	
Lawyers	3	030	—	—	—	215	215	—	187	428	—	—	200	17+	100.0	86.7	—	
Librarians, archivists, and curators	1	536	19	—	168	350	—	—	490	254	—	—	255	14.4	87.8	33.1	—	
Librarians	1	298	19	—	135	282	—	—	395	212	—	—	255	14.6	88.1	36.0	—	
Archivists and curators	238	—	—	—	33	68	—	—	95	42	—	—	—	—	—	—	—	
Mathematical specialists	759	—	—	—	36	95	—	—	161	260	—	—	207	16.3	95.3	61.5	—	
Actuaries	20	—	—	—	—	—	—	—	—	—	—	—	20	—	—	—	—	
Mathematicians	350	—	—	—	—	95	—	—	65	150	—	—	40	—	—	—	—	
Statisticians	389	—	—	—	36	—	—	—	96	110	—	—	147	—	—	—	—	
Life and physical scientists	5	104	17	98	199	579	—	—	702	1	674	—	734	16.5	91.9	66.8	—	
Agricultural	504	—	41	22	60	183	—	—	27	138	—	—	33	12.7	75.6	33.9	—	
Atmospheric and space	28	—	—	—	—	—	—	—	28	—	—	—	—	—	—	—	—	
Biological	782	—	—	18	—	—	—	—	22	91	—	—	324	16.8	97.7	83.2	—	
Chemists	3	350	17	58	139	357	—	—	460	1	142	—	40	16.5	91.8	67.4	—	
Geologists	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marine	114	—	—	—	—	17	—	—	48	48	—	—	49	—	—	—	—	
Physicists and astronomers	237	—	—	—	—	—	—	—	48	18	—	—	171	—	—	—	—	
Life and physical, n.e.c.	49	—	—	—	—	—	—	—	—	49	—	—	—	—	—	—	—	
Operations and systems researchers and analysts	932	—	—	—	—	—	—	—	427	117	—	—	131	14.5	100.0	26.6	—	
Personnel and labor relations workers	8	145	93	149	548	1	994	—	2	140	1	673	1	481	14.7	89.5	38.7	—
Physicians, dentists, and related practitioners	10	084	16	41	128	409	—	—	449	1	325	7	716	17+	98.2	89.7	—	
Chiropractors	118	—	—	—	—	—	—	—	15	66	—	—	37	—	—	—	—	
Dentists	2	127	—	—	—	52	—	—	37	131	—	—	1	998	100.0	96.0	—	
Optometrists	2	084	—	—	—	—	—	—	23	104	—	—	104	—	—	—	—	
Pharmacists	2	084	—	19	76	147	—	—	244	803	—	—	795	16.7	95.4	76.7	—	
Physicians, medical and osteopathic	5	258	—	—	52	147	—	—	168	284	—	—	4	607	17+	99.0	93.0	
Podiatrists	193	—	16	—	—	—	—	—	27	132	—	—	43	—	—	—	—	
Veterinarians	86	—	—	22	—	—	—	—	—	—	—	—	—	—	—	—	—	
Health practitioners, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Registered nurses, dietitians, and therapists	7	145	86	264	1	229	2	407	1	723	664	—	580	12.7	75.2	17.4	—	
Dietitians	776	—	31	20	371	206	31	18	19	18	—	—	22	11.0	34.1	5.2	—	
Registered nurses	3	601	55	206	542	1	340	184	1	131	184	—	66	12.7	75.6	6.9	—	
Therapists	2	768	—	38	316	861	—	—	573	462	—	—	492	13.7	86.3	34.5	—	

88 Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

United States

Male, 16 years old and over—Con.

Professional, technical, and kindred workers—Con.

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College			Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						5 or more
Total	8 318	119	180	1 115	3 135	2 103	1 068	557	12.9	82.5	19.5	
Health technologists and technicians	4 062	35	147	329	1 333	1 071	765	382	13.5	87.4	28.2	
Clinical laboratory technologists and technicians	47	—	—	—	—	32	15	—	—	—	—	
Dental hygienists	73	—	—	—	61	12	—	—	—	—	—	
Health record technologists and technicians	1 464	18	—	394	566	426	60	—	12.6	71.9	4.1	
Radiologic technologists and technicians	1 187	—	—	17	123	—	25	—	—	—	—	
Therapy assistants	2 485	66	33	375	1 052	562	203	175	12.7	80.2	15.2	
Health technologists and technicians, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	
Religious workers	13 209	1 023	658	1 366	2 090	2 296	2 039	3 428	14.5	74.7	41.5	
Clergymen	12 864	1 005	658	1 294	2 031	2 218	1 997	3 372	14.6	74.8	41.7	
Religious workers, n.e.c.	345	18	—	72	59	78	62	56	—	—	—	
Social scientists	2 145	—	—	17	209	337	444	1 138	17.4	99.2	73.8	
Economists	1 089	—	—	—	42	263	330	454	16.7	100.0	72.0	
Political scientists	—	—	—	—	—	—	—	—	—	—	—	
Psychologists	630	—	—	—	41	19	17	553	17.4	100.0	90.5	
Sociologists	16	—	—	—	—	—	—	16	—	—	—	
Urban and regional planners	378	—	—	17	126	55	97	83	—	—	—	
Social scientists, n.e.c.	32	—	—	—	—	—	—	32	—	—	—	
Social and recreation workers	15 780	78	199	1 628	2 910	3 763	4 125	3 077	15.5	87.9	45.6	
Social	11 377	40	102	770	1 958	2 238	3 464	2 805	16.2	92.0	55.1	
Recreation	4 403	38	97	858	952	1 525	661	272	13.5	77.4	21.2	
Teachers, college and university	8 851	56	62	110	441	1 029	747	6 398	17.4	97.3	80.7	
Agriculture	72	—	—	—	—	24	—	48	—	—	—	
Atmospheric, earth, marine, and space	—	—	—	—	—	—	—	—	—	—	—	
Biology	372	—	—	—	36	22	—	314	—	—	—	
Chemistry	236	—	—	—	18	24	—	194	—	—	—	
Physics	146	—	—	—	—	20	—	111	—	—	—	
Engineering	162	—	—	—	17	—	—	89	—	—	—	
Mathematics	583	—	—	14	—	21	—	504	17.4	97.6	94.0	
Health specialties	263	—	—	—	—	—	—	224	—	—	—	
Psychology	184	—	—	—	—	—	—	137	—	—	—	
Business and commerce	126	—	—	—	—	—	—	47	—	—	—	
Economics	113	—	—	—	—	41	—	19	—	—	—	
History	388	—	—	—	—	—	—	113	—	—	—	
Sociology	213	—	—	—	—	18	—	370	—	—	—	
Social science teachers, n.e.c.	186	—	—	—	—	—	—	213	—	—	—	
Art, drama, and music	735	—	—	—	—	25	—	143	—	—	—	
Coaches and physical education	549	—	—	—	18	127	97	619	17.4	100.0	93.7	
Education	153	—	—	—	—	—	—	307	17.4	100.0	73.6	
English	344	—	—	—	—	—	—	153	—	—	—	
Foreign language	229	—	—	—	—	—	—	324	—	—	—	
Home economics	16	—	—	—	16	70	—	132	—	—	—	
Law	62	—	—	—	—	—	—	62	—	—	—	
Theology	70	—	—	—	—	—	—	70	—	—	—	
Trade, industrial, and technical	269	—	—	—	—	—	—	138	—	—	—	
Miscellaneous teachers, college and university	155	—	—	—	—	59	—	41	—	—	—	
Teachers, college and university, subject not specified	3 225	8	62	96	298	532	220	1 953	17.4	93.1	67.4	
Teachers, except college and university	50 548	166	186	1 125	2 706	3 242	24 553	18 302	16.7	96.5	84.8	
Adult education	1 393	—	44	155	379	215	396	1 158	14.0	80.4	39.8	
Elementary school	19 389	105	36	314	939	1 142	10 252	6 592	16.7	97.5	86.8	
Public	17 628	67	29	216	795	974	9 299	6 212	16.7	98.0	88.0	
Private	1 761	38	—	98	144	168	380	380	16.5	92.3	74.6	
Prekindergarten and kindergarten	401	—	—	53	74	60	153	61	16.1	86.8	53.4	
Public	292	—	—	15	36	28	60	28	—	—	—	
Private	109	—	—	38	38	—	—	33	—	—	—	

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Elementary					Years of school completed			College	Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Total	Less than 5		5 to 7		High school		4				
		1 to 3	4	1 to 3	4	5 or more						
Male, 16 years old and over—Con.												
Professional, technical, and kindred workers—Con.												
Teachers, except college and university—Continued												
Secondary school	27 413	19	118	20	312	898	1 456	13 297	11 293	16.8	98.3	
Public	24 524	19	118	—	268	788	1 243	11 963	10 125	16.8	98.3	
Private	2 889	—	—	20	44	110	213	1 334	1 168	16.8	97.8	
Teachers, except college and university, n.e.c.	1 952	42	68	93	291	416	369	475	198	13.5	74.7	
Engineering and science technicians	23 033	172	411	401	2 478	9 218	7 856	1 760	737	12.9	85.0	
Agriculture and biological, except health	937	—	84	17	169	407	191	46	23	7.4	71.2	
Chemical	2 260	47	41	68	263	679	796	284	82	13.1	81.5	
Draftsmen	7 257	40	20	21	428	3 192	2 654	654	248	13.0	93.0	
Electrical and electronic engineering	4 781	46	31	67	354	2 180	1 811	179	113	12.9	89.6	
Industrial engineering	436	23	20	—	46	187	160	—	—	12.7	79.6	
Mechanical engineering	452	—	—	—	160	182	70	40	—	12.4	64.6	
Mathematical	17	—	—	—	—	17	—	—	—	—	—	
Surveyors	1 013	16	107	55	235	240	255	105	—	12.4	59.2	
Engineering and science, n.e.c.	5 880	—	108	173	823	2 134	1 919	452	271	12.9	81.2	
Technicians, except health, and engineering and science	3 312	60	100	82	325	1 639	748	280	78	12.7	82.9	
Airplane pilots	77	—	—	—	18	22	16	—	21	—	—	
Air-traffic controllers	748	39	20	—	63	417	164	45	20	12.6	83.7	
Embalmers	318	—	—	—	—	169	81	—	—	—	—	
Flight engineers	85	—	—	—	—	68	17	—	—	—	—	
Radio operators	614	—	—	34	72	309	174	25	—	12.7	82.7	
Tool programmers, numerical control	99	—	—	—	—	—	71	28	—	—	—	
Technicians, n.e.c.	1 371	21	80	48	172	654	242	117	37	12.6	76.6	
Vocational and educational counselors	4 517	20	25	65	164	324	818	878	2 223	17.0	93.9	
Writers, artists, and entertainers	19 076	311	526	804	3 180	5 810	4 839	2 184	1 422	12.8	74.7	
Actors	578	—	—	—	64	84	305	63	62	14.4	88.9	
Athletes and kindred workers	2 065	111	167	213	306	613	347	257	51	12.4	14.9	
Authors	261	—	—	—	—	—	43	68	90	—	—	
Dancers	91	—	—	—	28	25	14	24	—	—	—	
Designers	1 418	—	18	13	166	221	166	365	155	14.8	86.1	
Editors and reporters	1 565	—	—	20	80	429	456	315	265	14.7	93.6	
Musicians and composers	5 296	21	197	265	1 811	3 331	1 034	331	202	12.4	63.8	
Painters and sculptors	1 539	21	34	41	119	646	417	143	118	17.0	10.1	
Photographers	1 764	—	—	92	382	707	468	115	118	12.6	86.0	
Public relations men and publicity writers	1 620	—	21	18	89	462	484	259	287	14.4	73.1	
Radio and television announcers	527	—	—	—	19	140	311	37	20	14.0	33.7	
Writers, artists, and entertainers, n.e.c.	2 352	188	89	142	492	612	480	207	172	12.5	96.4	
Research workers, not specified	1 951	50	30	94	396	396	568	167	646	15.1	16.1	
Professional, technical, and kindred workers—allocated	24 795	752	701	362	4 841	4 684	8 448	3 165	1 842	13.4	41.7	
Managers and administrators, except farm	121 949	4 611	9 582	6 289	22 034	33 955	21 085	10 508	13 885	12.5	65.1	
Assessors, controllers, and treasurers; local public administration	249	—	19	—	20	68	99	43	—	—	—	
Bank officers and financial managers	3 063	—	19	46	322	842	885	662	326	14.1	88.1	
Buyers and shippers, farm products	1 62	12	83	106	23	66	42	—	—	—	—	
Buyers, wholesale and retail trade	1 724	84	83	106	368	477	469	137	—	12.5	62.8	
Credit men	355	—	—	—	22	147	153	33	—	—	7.9	
Funeral directors	2 732	103	86	39	364	757	927	284	172	13.1	78.3	
Health administrators	1 888	—	53	99	216	438	324	281	477	14.3	80.5	
Construction inspectors, public administration	318	—	18	—	21	203	57	19	—	—	—	
Inspectors, except construction, public administration	3 944	—	179	92	458	1 588	958	343	306	12.8	81.5	
Federal public administration and postal service	2 817	—	132	92	318	1 073	630	327	245	12.8	80.8	
State public administration	385	—	—	—	57	202	106	20	—	—	—	
Local public administration	742	—	47	—	83	313	222	16	61	12.8	82.5	
Managers and superintendents, building	2 858	181	330	153	613	755	416	295	115	12.2	55.3	
Office managers, n.e.c.	1 133	—	13	20	91	266	480	192	71	14.1	89.1	
Officers, pilots, and pursers, ship	253	41	84	32	53	43	—	—	—	—	—	

8 Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Total	Years of school completed								Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
		Elementary		High school		College		5 or more				
		Less than 5	5 to 7	8	1 to 3	4	1 to 3		4			
Male, 16 years old and over—Con.												
Managers and administrators, except farm—Con.	7 766	51	213	194	821	1 944	1 298	1 325	14.0	83.5	33.8	
Officials and administrators, public administration, n.e.c.	4 057	18	137	49	339	1 069	597	884	14.3	86.6	36.5	
State public administration	1 375	—	—	23	202	294	417	223	14.2	83.6	31.9	
Local public administration	2 334	33	76	122	280	581	485	218	13.4	78.1	30.1	
Officials of lodges, societies, and unions	186	—	—	73	474	653	403	112	12.7	68.9	21.5	
Postmasters and mail superintendents	1 898	23	19	—	42	—	20	—	—	—	—	
Purchasing agents and buyers, n.e.c.	1 113	—	—	24	231	705	191	174	12.9	84.4	19.2	
Railroad conductors	7 305	319	971	35	205	541	271	—	12.5	73.0	—	
Restaurant, cafeteria, and bar managers	2 932	23	189	124	467	1 394	181	42	12.5	72.6	7.6	
Sales managers and department heads, retail trade	1 394	23	34	23	95	454	407	173	13.5	87.4	25.7	
School administrators, college	1 295	—	—	—	23	45	185	866	17+	98.2	86.0	
School administrators, elementary and secondary	7 408	—	—	17	100	296	893	5 984	17+	98.4	92.8	
Managers and administrators, n.e.c., salaried	39 922	1 255	2 715	1 834	7 859	13 077	3 097	3 056	12.5	65.8	15.4	
Construction	4 198	385	103	—	1 094	827	405	56	10.2	34.6	5.2	
Durable goods manufacturing	2 679	143	107	99	555	728	476	274	12.6	66.4	21.5	
Nondurable goods, incl. not specified manufacturing	2 536	61	77	151	282	903	496	207	12.8	77.5	22.3	
Transportation	1 786	61	14	80	456	690	364	43	12.4	65.8	6.8	
Communications, and utilities and sanitary services	1 977	—	—	31	113	266	153	89	13.7	85.3	24.8	
Wholesale trade	2 288	57	152	70	540	822	457	120	12.4	64.2	8.3	
Retail trade	12 011	228	800	532	2 633	5 282	1 830	166	12.3	65.1	5.9	
Hardware, farm equipment, and building material retailing	411	—	—	21	108	197	63	—	12.4	68.6	5.4	
General merchandise stores	1 884	70	44	17	204	903	429	48	12.7	82.2	11.5	
Food stores	3 570	69	302	162	1 431	431	28	41	12.1	53.9	1.9	
Motor vehicles and accessories retailing	734	25	24	24	187	304	76	44	12.4	64.6	12.8	
Gasoline service stations	2 136	49	225	213	877	1 442	590	150	12.0	49.6	1.9	
Apparel and accessories stores	760	—	53	—	110	332	196	69	12.7	78.6	9.1	
Furniture, home furnishings, and equipment stores	575	—	25	16	17	341	108	68	12.7	89.9	11.8	
Other retail trade	1 941	15	127	79	305	897	391	12	12.5	72.9	6.5	
Finance, insurance and real estate	2 740	110	100	54	423	893	585	316	12.8	74.9	21.0	
Business and repair services	2 718	68	224	128	589	885	513	156	12.4	62.9	11.4	
Personal services	1 993	92	175	163	415	717	79	20	12.2	57.6	5.0	
All other industries ¹	5 996	50	179	149	759	1 064	833	1 716	14.9	81.0	42.5	
Managers and administrators, n.e.c., self-employed	19 038	1 692	3 145	2 064	4 313	4 578	2 167	260	10.8	41.1	5.7	
Construction	4 230	313	594	416	1 052	1 154	459	66	11.3	43.9	5.7	
Durable goods manufacturing	764	200	215	47	111	172	19	—	7.5	25.0	—	
Nondurable goods, incl. not specified manufacturing	1 76	—	—	26	—	49	64	—	—	—	—	
Transportation	1 027	69	357	97	177	187	121	—	8.9	31.8	1.9	
Communications, and utilities and sanitary services	63	15	25	—	23	—	—	—	—	—	—	
Wholesale trade	980	222	240	147	106	141	92	32	8.2	27.0	3.3	
Retail trade	7 681	670	1 149	1 060	1 805	1 881	767	36	10.6	39.0	4.5	
Hardware, farm equipment, and building material retailing	1 128	—	—	—	40	39	30	—	—	—	—	
General merchandise stores	216	59	24	19	67	—	47	—	—	—	—	
Food stores	3 698	434	744	449	836	743	219	36	9.8	33.4	7.4	
Motor vehicles and accessories retailing	148	—	—	21	66	20	—	—	—	—	—	
Gasoline service stations	2 056	95	177	285	511	676	294	—	11.8	48.1	0.9	
Apparel and accessories stores	232	—	25	84	15	73	35	—	—	—	—	
Furniture, home furnishings, and equipment stores	245	—	—	68	18	72	18	—	—	—	—	
Other retail trade	958	82	159	133	202	258	124	—	10.6	39.9	—	
Finance, insurance, and real estate	1 998	—	—	—	41	43	62	—	—	—	—	
Business and repair services	1 422	70	115	115	485	283	219	21	11.5	44.8	9.5	
Personal services	1 445	93	273	62	284	366	282	25	12.0	50.7	5.9	
All other industries ¹	1 052	40	136	94	293	428	128	39	11.6	46.5	7.8	
Managers and administrators, except farm—allocated	10 602	804	1 155	744	2 976	2 403	1 489	745	11.6	46.4	9.7	

¹Includes transportation, communications, and other public utilities—allocated.

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

Occupational Characteristics	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College			Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						5 or more
United States	84 647	5 200	4 382	21 401	27 884	16 026	4 655	1 834	12.3	59.5	7.7	
Male, 16 years old and over—Con.	668	—	48	31	236	234	63	56	13.2	88.2	17.8	
Sales workers.....	—	—	—	—	—	—	—	—	—	—	—	
Advertising agents and salesmen.....	—	—	—	18	—	57	21	—	—	—	—	
Auctioneers.....	96	—	72	136	297	186	30	14	12.3	59.5	5.0	
Demonstrators.....	886	89	222	1 028	3 970	2 867	1 356	360	12.9	85.4	17.1	
Hucksters and peddlers.....	10 019	46	288	1 006	2 776	1 511	18	—	10.4	23.0	0.9	
Insurance agents, brokers, and underwriters.....	1 934	40	91	396	1 066	774	510	137	12.9	81.1	21.1	
Newsboys.....	3 065	—	26	104	323	197	158	135	12.9	80.1	28.9	
Real estate agents and brokers.....	1 015	49	—	—	—	—	—	—	—	—	—	
Stock and bond salesmen.....	—	23	—	—	—	—	—	—	—	—	—	
Salesmen and sales clerks, n.e.c.....	55 512	3 659	3 033	14 810	19 193	9 831	2 151	1 010	12.2	58.0	5.7	
Sales representatives, manufacturing industries.....	4 439	156	131	710	1 548	887	641	288	12.7	75.8	20.9	
Sales representatives, wholesale trade.....	7 323	262	309	1 658	2 421	1 584	522	171	12.4	64.2	9.5	
Sales clerks, retail trade.....	32 631	2 363	1 736	9 906	10 990	5 461	644	418	12.1	53.7	3.0	
General merchandise stores.....	8 095	113	292	2 314	2 815	1 707	329	160	12.3	61.9	6.3	
Food stores.....	5 440	258	374	1 648	1 410	628	113	30	11.0	40.1	2.6	
Apparel and accessories stores.....	6 675	157	195	2 126	2 915	992	36	63	12.2	60.0	1.5	
Other sales clerks, retail trade.....	12 421	558	829	3 818	3 850	2 134	166	165	12.0	50.8	2.7	
Salesmen, retail trade.....	7 977	302	705	3 149	3 149	1 169	102	44	12.2	56.0	1.8	
Motor vehicles and accessories dealers.....	3 473	93	256	1 360	1 360	18	18	89	12.1	55.1	0.5	
Motor vehicles and accessories dealers.....	3 142	73	152	599	1 085	730	242	89	12.5	68.3	10.5	
Salesmen of services and construction.....	11 452	1 243	602	3 872	2 523	1 729	348	122	11.2	41.2	4.1	
Sales workers—allocated.....	345 473	17 332	16 440	85 822	139 233	64 693	11 620	3 971	12.3	63.5	4.5	
Clerical and kindred workers.....	2 792	31	16	332	1 565	693	114	41	12.6	86.4	5.6	
Bank tellers.....	1 050	27	—	164	413	361	—	27	12.7	76.3	2.6	
Billing clerks.....	11 661	101	318	1 753	4 551	744	—	257	12.7	77.9	8.6	
Bookkeepers.....	9 231	237	525	3 001	3 504	1 471	158	96	12.2	56.6	2.8	
Cashiers.....	20	—	—	—	20	—	—	—	—	—	—	
Clerical assistants, social welfare.....	3 953	40	84	626	1 851	845	395	73	12.6	80.0	11.8	
Clerical supervisors, n.e.c.....	1 513	18	77	330	636	311	311	47	11.6	73.4	10.8	
Collectors, bill and account.....	4 429	241	214	1 698	1 698	703	96	—	12.6	56.4	2.2	
Counter clerks, except food.....	2 104	58	23	644	803	452	52	—	12.3	62.1	2.5	
Dispatchers and starters, vehicle.....	1 445	—	23	179	704	337	110	92	12.7	86.0	14.0	
Enumerators and interviewers.....	3 634	49	64	319	1 155	1 039	626	258	13.3	84.7	24.3	
Estimators and investigators, n.e.c.....	5 758	126	179	1 209	2 372	1 360	240	58	12.5	70.0	5.2	
Expeditors and production controllers.....	10 330	17	360	2 179	5 054	2 085	256	108	12.5	72.6	3.5	
File clerks.....	2 586	—	—	21	444	472	274	55	14.0	96.7	25.5	
Insurance adjusters, examiners, and investigators.....	1 288	22	—	659	624	955	195	36	12.8	70.0	8.9	
Library attendants and assistants.....	26 839	137	811	4 911	13 056	6 178	985	261	12.5	76.3	4.6	
Mail carriers, post office.....	11 699	149	672	2 999	4 984	1 998	183	—	12.3	61.2	1.6	
Mail handlers, except post office.....	7 451	203	747	2 986	2 252	1 696	28	—	11.2	39.9	0.4	
Messengers, including telegraph, and office boys.....	2 431	60	37	412	1 324	345	53	—	12.4	70.8	2.2	
Meter readers, utilities.....	13 433	60	419	1 864	6 520	3 660	525	42	12.6	80.0	4.2	
Office machine operators.....	640	—	64	66	244	266	—	—	12.8	79.7	—	
Bookkeeping and billing machine.....	450	—	—	80	238	106	—	—	12.5	76.4	—	
Calculating machine.....	5 844	—	66	467	2 725	2 104	373	42	12.9	89.7	7.1	
Computer and peripheral equipment.....	3 431	—	109	292	539	128	—	—	12.1	56.7	—	
Duplicating machine.....	—	—	132	535	1 992	643	88	—	12.5	79.4	2.6	
Keypunch.....	—	—	—	46	193	153	—	—	12.7	80.7	—	
Tabulating machine.....	1 463	—	48	378	589	260	64	—	12.3	62.4	4.4	
Office machine, n.e.c.....	2 389	44	39	456	749	961	115	25	12.9	77.4	5.9	
Payroll and timekeeping clerks.....	38 393	198	832	6 837	17 931	9 403	2 012	609	12.6	78.0	6.8	
Postal clerks.....	489	—	27	36	235	191	76	—	12.8	87.1	—	
Proofreaders.....	224	—	—	—	86	62	—	—	—	—	—	
Real estate appraisers.....	1 869	36	53	291	456	802	172	—	13.1	76.5	9.2	

22 Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College			5 or more						
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Total														
Clerical and kindred workers—Continued														
Secretaries, legal	60	110	97	477	1 366	1 050	213	20		12.7	78.1	6.9		
Secretaries, medical	—	—	—	25	47	—	—	—	—	—	—	—		
Shipping and receiving clerks	1 303	4 686	4 194	15 895	19 186	4 345	404	143	—	11.8	48.0	1.1		
Statistical clerks	42	259	216	1 131	1 832	1 351	265	73	—	12.5	68.1	6.5		
Stenographers	—	—	—	84	84	20	30	—	—	—	—	—		
Stock clerks and storekeepers	1 144	3 535	2 445	12 188	15 733	4 930	556	143	—	12.1	52.5	1.7		
Teacher aides, except school monitors	29	50	120	803	854	664	73	—	—	12.3	61.4	2.8		
Telephone operators	—	—	23	—	176	43	—	—	—	—	—	—		
Ticket, station, and express agents	27	60	133	309	1 040	304	49	—	—	12.4	72.5	2.5		
Typists	78	197	178	697	1 721	834	181	75	—	12.5	73.0	6.7		
Weighters	45	197	178	1 203	3 237	1 609	280	39	—	12.5	76.1	4.7		
Miscellaneous and not specified clerical workers	291	373	924	1 023	1 013	24	24	19	—	11.0	39.4	1.3		
Occupation:	242	973	924	4 845	9 169	5 727	1 060	507	—	12.5	70.2	6.7		
Miscellaneous clerical workers	97	559	390	1 827	3 528	2 523	638	461	—	12.6	71.3	11.0		
Not specified clerical workers	145	414	534	3 018	5 641	3 204	422	46	—	12.5	69.4	3.5		
Industry:														
Manufacturing	62	234	141	660	1 045	1 022	111	30	—	12.5	66.8	4.3		
Transportation, communications, and other public utilities	50	48	41	408	1 243	716	40	22	—	12.6	78.2	1.8		
Wholesale and retail trade	—	242	339	1 179	1 175	510	39	—	—	12.0	49.8	3.9		
Finance, insurance, and real estate	22	89	68	490	1 960	723	136	—	—	12.5	80.8	12.0		
Professional and related services	63	110	166	726	1 037	1 322	217	219	—	12.9	72.6	12.0		
Public administration	24	101	59	925	1 964	1 097	352	219	—	12.6	76.6	9.4		
All other industries	21	149	110	457	745	337	169	19	—	12.4	63.3	5.0		
Clerical and kindred workers—allocated	1 347	2 201	2 152	13 756	10 835	4 645	960	867	—	11.8	47.1	—		
Craftsmen and kindred workers	61 425	104 563	67 763	188 338	189 453	43 751	6 850	2 376	—	10.6	36.5	1.4		
Automobile accessories installers	75	149	107	269	140	42	—	—	—	9.7	23.3	—		
Bakers	9 502	3 329	1 388	2 878	2 730	462	—	—	—	10.4	33.6	—		
Cabinetmakers	3 645	619	349	1 221	904	219	39	—	—	10.4	31.7	1.1		
Carpet installers	—	161	126	1 396	836	182	—	—	—	11.0	34.7	—		
Construction craftsmen	25 655	43 830	23 767	60 259	46 546	9 967	1 645	335	—	9.6	27.6	0.9		
Brickmasons and stonemasons	2 512	5 719	3 010	9 269	6 680	1 440	262	23	—	10.0	29.1	1.0		
Brickmasons and stonemasons, apprentices	—	96	17	160	135	65	—	—	—	11.3	42.3	—		
Bulldozer operators	2 185	2 865	893	2 601	1 611	228	—	—	—	8.2	17.7	—		
Carpenters	6 280	11 136	5 970	13 129	10 169	2 306	442	125	—	9.3	26.3	1.1		
Carpenter apprentices	44	59	—	127	426	43	—	—	—	12.3	67.2	—		
Cement and concrete finishers	4 087	5 640	3 295	6 556	3 221	522	42	18	—	8.6	16.3	0.3		
Electricians	3 342	1 140	682	3 047	7 091	2 207	331	20	—	12.3	64.9	2.4		
Electronic apprentices	21	24	—	162	336	129	—	—	—	12.4	67.2	—		
Excavating, grading, and road machine operators, except bulldozer	2 532	3 224	2 022	4 164	2 019	454	38	—	—	8.7	17.4	0.3		
Floor layers, except tile setters	1 391	220	157	437	382	49	—	—	—	10.3	32.6	1.7		
Painters, construction and maintenance	3 038	6 175	3 353	10 089	7 227	1 302	200	24	—	9.9	27.9	0.7		
Painter apprentices	—	39	—	58	58	—	—	—	—	—	—	—		
Paperhangers	—	133	18	113	23	22	—	48	—	—	—	—		
Plasterers	6 004	1 451	718	1 845	1 019	183	48	—	—	9.2	20.8	0.8		
Plasterer apprentices	23	70	—	70	—	—	—	—	—	—	—	—		
Plumbers and pipe fitters	19 137	3 463	2 315	4 766	5 078	975	257	16	—	10.0	33.1	1.4		
Plumber and pipe fitter apprentices	423	34	24	74	221	112	—	38	—	12.4	68.9	0.5		
Roofers and slaters	7 266	1 670	959	2 588	1 071	72	—	—	—	9.2	16.8	—		
Structural metal craftsmen	1 832	313	97	500	1 585	101	—	—	—	10.6	37.4	0.8		
The setters	3 043	687	278	1 162	370	25	—	—	—	9.2	14.8	—		

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College		College		College				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	1 to 3	4	5 or more			
Total	20 231	3 934	2 279	6 631	4 671	786	20	36	9.9	27.3	0.3		
Craftsmen and kindred workers—Continued	1 662	207	160	482	622	88	35	22	11.6	46.1	3.4		
Decorators and window dressers	1 024	110	107	170	342	221	62	—	12.3	61.0	6.1		
Dental laboratory technicians	3 978	497	320	1 064	1 391	361	18	—	11.4	44.5	0.5		
Electric power linemen and cablemen	278	20	17	22	160	21	—	—	...	...	...
Engravers, except photoengravers	52 054	6 010	4 219	13 891	17 934	5 851	1 422	510	11.9	49.4	3.7		
Foremen, n.e.c.	5 709	609	649	1 716	1 396	184	20	45	9.9	28.8	1.1		
Construction	25 950	1 002	1 558	6 970	9 651	3 060	805	215	12.1	52.9	3.9		
Manufacturing	4 800	128	205	1 324	1 931	548	182	19	12.1	55.8	4.2		
Metal industries	997	—	61	186	391	206	22	22	12.4	64.3	4.4		
Machinery, except electrical	1 833	48	49	467	780	306	113	70	12.5	69.2	10.0		
Electrical machinery, equipment, and supplies	3 633	137	255	864	1 348	534	226	25	12.2	58.7	6.9		
Transportation equipment	4 313	233	284	1 305	1 386	400	48	17	11.3	42.9	1.5		
Other durable goods	2 734	349	268	762	937	231	23	—	11.3	43.6	0.8		
Food and kindred products	2 201	85	120	667	772	238	66	—	11.9	48.9	3.0		
Textiles, textile products, and apparel	5 439	583	316	1 395	2 106	597	125	62	12.1	53.1	3.4		
Other nondurable goods, including not specified manufacturing	2 927	147	422	621	973	318	56	—	11.4	46.0	1.9		
Transportation	2 040	53	296	543	586	253	—	—	11.0	41.1	—		
Communications, and utilities and sanitary services	7 426	206	638	2 158	2 718	939	189	71	12.1	52.7	3.5		
Wholesale and retail trade	8 002	200	656	1 883	2 610	1 077	352	179	12.1	53.0	6.6		
All other industries	64	—	325	683	523	65	—	—	10.0	28.3	0.8		
Furniture and wood finishers	1 204	64	73	21	43	—	—	—	...	...	...
Furriers	2 054	553	413	1 173	316	57	26	—	10.3	30.7	—		
Glaziers	5 053	147	526	1 917	1 917	521	151	88	17.7	17.7	1.3		
Inspectors, scalers, and graders; log and lumber	343	—	18	91	136	98	—	—	12.1	53.0	4.7		
Inspectors, n.e.c.	811	47	98	244	272	37	—	—	...	...	...
Construction	455	33	40	158	162	23	—	—	...	...	...
Railroads and railway express service	597	94	67	198	211	38	—	—	11.6	45.3	4.6		
Jewelers and watchmakers	145 528	10 330	16 242	40 244	45 546	10 195	80	415	10.2	26.5	13.4		
Locomotive engineers	3 848	185	442	1 196	1 134	305	—	—	10.9	39.6	1.2		
Locomotive firemen	6 924	185	320	1 577	988	988	80	23	11.0	40.1	2.7		
Mechanics and repairmen	6 738	345	937	2 408	3 157	305	230	41	12.3	63.8	3.9		
Air conditioning, heating, and refrigeration	68 573	5 629	8 495	20 351	19 020	286	—	89	10.4	31.5	—		
Aircraft	132	—	23	63	21	—	—	—	10.3	33.3	0.7		
Automobile body repairmen	1 225	41	—	86	466	528	104	—	...	...	...
Automobile mechanics	1 331	259	214	265	236	138	—	—	13.1	89.6	8.5		
Automobile mechanic apprentices	26 580	1 909	2 606	6 832	9 119	1 674	208	41	8.9	28.1	—		
Data processing machine repairmen	5 625	389	756	1 501	1 865	355	—	—	11.0	41.5	0.9		
Farm implement	419	22	82	174	92	—	—	—	10.8	39.5	—		
Heavy equipment mechanics, including diesel	1 339	65	82	210	654	264	42	—	10.0	22.0	—		
Household appliance and accessory installers and mechanics	7 533	165	649	1 823	3 217	1 024	143	129	12.4	71.7	3.1		
Loam fixers	3 622	296	443	888	993	182	18	—	12.2	59.9	3.6		
Office machine	228	—	—	53	138	37	—	—	9.9	32.9	0.5		
Radio and television	7 767	506	748	1 966	2 797	726	161	26	...	...	...
Railroad and car shop	1 950	96	109	463	920	137	63	—	11.7	47.8	2.4		
Mechanics, except auto, apprentices	4 004	420	479	959	1 004	423	20	66	12.2	57.4	3.2		
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	1 482	67	145	421	388	166	—	—	10.3	36.7	2.1		
Manufacturing	52 281	3 053	5 636	14 798	17 500	4 451	289	40	10.7	37.4	—		
Not specified mechanics and repairmen	528	73	133	148	139	—	—	—	11.2	42.6	0.6		
Metal craftsmen, except mechanics	1 640	116	311	349	545	177	—	—	9.5	26.3	—		
Blacksmiths	—	—	—	—	—	—	—	—	11.2	44.0	—		
Boilermakers	—	—	—	—	—	—	—	—	—	—	—		

¹Includes transportation, communications, and other public utilities—allocated.

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Elementary					High school								College	
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more	1 to 3	4				5 or more	
Total	1 437	231	218	630	272	68	10.2	23.7	—	—	—	—	—		
Metal craftsmen and kindred workers—Continued	2 181	481	202	761	446	144	10.0	27.1	—	—	—	—	—		
Forgemen and hammermen	4 939	482	658	1 415	1 557	589	11.4	43.9	—	—	—	—	—		
Heat treaters, onnealers, and temperers	16 843	811	1 358	4 671	6 675	1 110	12.0	50.3	—	—	—	—	—		
Mechanics	3 378	—	35	40	246	57	12.1	54.4	—	—	—	—	—		
Machinist apprentices	1 889	211	232	338	748	238	9.4	24.6	—	—	—	—	—		
Millwrights	10 893	2 097	1 745	3 169	2 364	293	—	—	—	—	—	—	—		
Molders, metal	68	—	—	—	22	23	—	—	—	—	—	—	—		
Molder apprentices	674	56	49	134	293	103	12.2	58.8	—	—	—	—	—		
Pattern and model makers, except paper	2 159	396	254	781	666	—	10.4	30.8	—	—	—	—	—		
Rollers and finishers, metal	4 929	519	238	1 249	2 016	640	12.1	55.7	—	—	—	—	—		
Sheetmetal workers and fimsmiths	2 17	22	—	15	72	108	—	—	—	—	—	—	—		
Sheetmetal apprentices	1 042	155	70	314	399	81	11.6	46.1	—	—	—	—	—		
Shipfitters	3 127	180	168	839	1 380	445	12.2	59.3	—	—	—	—	—		
Tool and die makers	215	44	—	40	78	53	—	—	—	—	—	—	—		
Tool and die maker apprentices	645	178	84	104	57	23	7.1	12.4	—	—	—	—	—		
Millers; grain, flour, and feed	474	42	59	101	155	94	12.2	57.4	—	—	—	—	—		
Motion picture projectionists	709	64	25	119	350	104	12.4	67.4	—	—	—	—	—		
Opticians, and lens grinders and polishers	150	17	—	—	35	22	—	—	—	—	—	—	—		
Piano and organ tuners and repairmen	452	20	45	84	231	23	12.3	64.2	—	—	—	—	—		
Power station operators	17 328	340	1 031	4 443	8 085	2 020	12.2	60.8	—	—	—	—	—		
Printing craftsmen	1 363	183	87	230	642	182	12.3	63.3	—	—	—	—	—		
Bookbinders	7 210	174	303	1 863	3 302	856	12.2	61.2	—	—	—	—	—		
Compositors and typesetters	410	23	—	113	256	18	12.3	66.8	—	—	—	—	—		
Printing trades apprentices, except pressmen	252	15	20	67	107	43	—	—	—	—	—	—	—		
Electrotypers and stereotypers	614	18	53	183	187	125	12.2	55.0	—	—	—	—	—		
Photoengravers and lithographers	7 889	144	568	2 100	3 847	814	12.2	60.4	—	—	—	—	—		
Pressmen and plate printers, printing	148	—	—	39	59	50	—	—	—	—	—	—	—		
Pressman apprentices	3 346	486	192	992	1 210	246	11.4	44.3	—	—	—	—	—		
Shoe repairmen	743	18	104	219	270	76	12.1	59.5	—	—	—	—	—		
Sign painters and letterers	7 867	1 046	673	2 121	3 075	513	11.6	46.3	—	—	—	—	—		
Stationary engineers	374	101	41	122	54	20	—	—	—	—	—	—	—		
Stone cutters and stone carvers	4 428	85	504	1 324	1 595	417	62	47.3	—	—	—	—	—		
Tailors	9 572	161	284	1 803	5 348	1 768	11.7	75.3	—	—	—	—	—		
Telephone installers and repairmen	1 918	103	63	436	944	224	12.5	74.3	—	—	—	—	—		
Telephone linemen and splicers	4 643	360	610	1 412	1 429	217	10.7	61.8	—	—	—	—	—		
Upholsterers	6 014	405	1 795	1 795	1 618	319	10.2	32.5	—	—	—	—	—		
Craftsmen and kindred workers, n.e.c.	3 599	125	80	646	2 244	428	12.4	76.4	—	—	—	—	—		
Former members of the Armed Forces	83 828	12 924	7 291	26 147	19 784	3 666	10.1	29.8	—	—	—	—	—		
Craftsmen and kindred workers—allocated	853 266	127 316	85 002	269 272	248 272	43 257	10.6	34.8	—	—	—	—	—		
Operatives, except transport	1 091	85	66	376	369	42	10.9	37.7	—	—	—	—	—		
Asbestos and insulation workers	70 258	6 312	5 716	21 840	27 772	5 502	11.8	48.1	—	—	—	—	—		
Assemblers	747	85	86	140	288	52	11.3	45.5	—	—	—	—	—		
Blasters and powdermen	3 744	405	365	1 027	958	435	10.6	37.2	—	—	—	—	—		
Bottling and canning operatives	550	94	161	173	106	—	9.3	22.2	—	—	—	—	—		
Boring and turning operatives	27 857	740	2 439	7 648	11 315	3 168	12.1	54.1	—	—	—	—	—		
Chairmen, rodmen, and axmen, surveying	15 082	1 217	2 215	4 806	3 755	18	10.0	28.6	—	—	—	—	—		
Checkers, examiners, and inspectors; manufacturing	16 503	1 303	1 707	5 459	4 604	605	10.4	32.0	—	—	—	—	—		
Clothing ironers and pressers	586	50	74	104	604	24	10.9	43.5	—	—	—	—	—		
Cutting operatives, n.e.c.	3 541	489	481	842	826	244	9.5	30.2	—	—	—	—	—		
Dressmakers and seamstresses, except factory	2 278	148	260	610	784	80	10.6	37.9	—	—	—	—	—		
Drillers, earth	3 818	204	427	1 216	1 193	130	10.6	35.2	—	—	—	—	—		
Dry wall installers and lathers	3 818	204	427	1 216	1 193	130	10.6	35.2	—	—	—	—	—		
Dyers	3 818	204	427	1 216	1 193	130	10.6	35.2	—	—	—	—	—		
Garage workers and gas station attendants	33 876	3 479	4 398	11 562	7 035	1 303	9.8	24.9	—	—	—	—	—		

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.

United States	Total	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
		Elementary		High school		College			5 or more						
		Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Male, 16 years old and over—Con.															
Operators, except transport—Continued															
Groders and sorters, manufacturing	2 239	338	374	204	637	604	82	—	15	10.0	30.6	—	1.7		
Produce graders and packers, except factory and farm	890	192	158	137	217	171	—	—	15	8.7	20.9	—	0.3		
Laundry and drycleaning operatives, n.e.c.	14 579	1 191	2 617	1 737	5 240	3 265	482	47	19	10.0	26.0	—	0.8		
Meat cutters and butchers, except manufacturing	11 625	872	1 485	1 110	3 561	3 696	812	70	19	11.0	39.5	—	0.2		
Meat cutters and butchers, manufacturing	9 488	1 004	1 809	1 334	2 904	2 188	226	—	—	9.6	25.7	—	—		
Meat wrappers, retail trade	353	32	41	65	105	110	—	—	—	—	—	—	—		
Metalworking operatives, except precision machine	96 256	6 491	13 169	9 228	31 706	30 734	4 663	193	72	10.8	37.0	—	0.3		
Filters, polishers, sanders, and buffers	11 918	1 115	2 275	1 036	3 825	3 222	407	19	19	10.2	30.8	—	0.3		
Furnacemen, smeltermen, and pourers	14 578	1 523	2 728	1 787	4 570	3 323	553	54	40	9.8	27.2	—	0.6		
Heaters, metal	834	60	100	150	270	185	69	—	—	10.2	30.5	—	—		
Metal platers	3 379	220	473	411	842	1 313	111	—	—	11.1	42.1	—	—		
Punch and stamping press operatives	15 093	855	1 301	1 422	4 947	5 533	973	62	—	11.4	43.5	—	0.4		
Riveters and fasteners	2 043	92	273	225	687	678	69	19	—	10.9	37.5	—	0.9		
Solderers	755	72	118	60	169	307	16	13	—	11.3	44.5	—	1.7		
Welders and flame-cutters	47 656	2 544	5 901	4 138	16 396	16 173	2 465	39	—	11.1	39.2	—	0.1		
Milliners	21	—	—	—	21	—	—	—	—	—	—	—	—		
Mine operatives, n.e.c.	7 783	1 394	1 513	893	2 055	1 594	290	44	—	9.1	24.8	—	0.6		
Coal mining	2 273	249	483	372	571	501	97	—	—	9.2	26.3	—	—		
Crude petroleum and natural gas extractions	2 125	362	176	194	614	619	116	44	—	10.6	36.7	—	2.1		
Mining and quarrying, except fuel	3 385	783	854	327	870	474	77	—	—	8.2	16.3	—	—		
Mixing operatives	12 509	1 006	2 231	1 385	3 983	3 214	618	26	46	10.2	31.2	—	0.6		
Oilers and greasers, except auto	35 538	2 346	5 863	3 869	11 758	10 099	1 526	36	41	9.6	27.9	—	0.2		
Packers and wrappers, except meat and produce	15 090	1 163	2 295	1 563	5 203	4 188	560	76	42	10.5	32.2	—	0.8		
Painters, manufactured articles	2 978	—	120	218	670	1 318	623	29	—	12.4	66.2	—	1.0		
Photographic process workers	25 627	1 353	3 642	2 150	8 029	8 873	1 486	56	38	11.1	40.8	—	0.4		
Precision machine operatives	4 676	134	593	401	1 441	1 755	295	34	23	11.5	45.1	—	1.2		
Drill press operatives	11 373	971	2 096	943	3 780	3 130	453	—	—	10.3	31.5	—	0.6		
Grinding machine operatives	5 978	62	578	526	1 751	2 513	511	22	15	12.0	51.2	—	—		
Lathe and mixing machine operatives	3 600	186	375	280	1 057	1 475	227	—	—	11.7	47.3	—	—		
Precision machine operatives, n.e.c.	2 988	307	484	312	1 093	624	148	—	20	10.1	26.5	—	0.7		
Sailors and deckhands	17 231	5 106	4 920	1 490	3 116	2 210	307	82	—	7.1	15.1	—	0.5		
Sawyers	7 774	632	1 326	1 092	2 417	1 901	367	21	18	10.0	29.7	—	0.5		
Sewers and stitchers	667	62	123	125	209	184	64	—	—	10.1	32.3	—	—		
Shoemaking machine operatives	10 625	2 138	2 110	1 378	2 662	1 981	324	32	—	8.8	22.0	—	0.3		
Stationary firemen	31 659	2 518	5 120	2 896	9 838	10 226	925	88	48	10.6	35.7	—	0.4		
Textile operatives	2 731	284	808	191	723	685	40	—	—	9.3	26.5	—	—		
Carding, lapsing, and combing operatives	895	74	92	31	367	285	21	25	—	11.0	37.0	—	2.8		
Knitters, loopers, and tappers	9 745	658	1 371	787	3 067	3 504	358	—	—	11.0	39.6	—	—		
Spinners, twistors, and winders	2 245	104	355	212	799	673	102	—	—	10.7	34.5	—	—		
Weavers	16 043	1 398	2 494	1 675	4 882	5 079	404	63	48	10.5	34.9	—	0.7		
Textile operatives, n.e.c.	1 989	56	149	126	766	830	62	—	—	11.6	44.8	—	0.6		
Winding operatives, n.e.c.	258 224	22 798	40 580	26 000	78 352	75 128	13 847	1 128	391	10.5	35.0	—	—		
Miscellaneous and not specified operatives	98 728	8 972	15 589	9 993	30 290	28 410	4 995	351	128	10.5	34.3	—	0.5		
Machine operatives, miscellaneous specified	68 854	4 376	9 670	7 232	21 122	20 670	4 143	416	22	10.9	38.4	—	0.6		
Machine operatives, not specified	63 443	6 185	11 120	6 332	18 405	17 180	3 736	266	219	10.3	33.7	—	0.8		
Miscellaneous operatives	27 199	3 265	4 201	2 443	8 535	7 665	973	95	22	10.3	32.2	—	0.4		
Not specified operatives															

98 Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
		Elementary		High school		College		5 or more							
		Less than 5	5 to 7	8	1 to 3	4	1 to 3		4						
Operatives, except transport—Continued															
Miscellaneous and not specified operatives—Continued															
Industry															
Manufacturing															
Durable goods	212 817	17 757	31 927	21 153	65 375	64 544	11 038	756	267	10.6	36.0	0.5			
Lumber and wood products, except furniture	128 731	10 754	19 603	12 855	40 437	38 406	6 158	437	81	10.6	35.0	0.4			
Furniture and fixtures	13 136	2 784	3 610	1 401	3 406	1 749	206	—	—	8.1	14.9	—			
Stone, clay, and glass products	5 206	1 495	1 059	1 005	1 797	1 162	115	—	—	9.8	24.5	—			
Glass and glass products	11 226	1 646	2 258	1 005	3 177	2 796	344	—	—	9.7	28.0	—			
Cement, concrete, gypsum, and plaster products	2 359	87	181	154	704	1 100	133	—	—	12.0	52.3	—			
Other stone, clay, and glass products	3 941	760	1 087	374	1 026	1 088	86	—	—	8.3	17.6	—			
	4 926	799	990	477	1 447	1 088	125	—	—	9.4	24.6	—			
Primary metal industries	28 997	2 582	4 337	3 066	10 005	7 724	1 160	101	22	10.4	31.1	0.4			
Blast furnaces, steelworks, and rolling and finishing mills	12 335	1 217	1 791	1 199	4 531	3 143	419	13	22	10.3	29.2	0.3			
Other primary iron and steel industries	10 108	982	1 809	1 213	3 400	2 329	341	34	—	9.9	26.8	0.3			
Primary nonferrous industries	6 554	383	737	654	2 074	2 252	400	54	—	11.2	41.3	0.8			
Fabricated metal industries, including not specified metal	14 444	1 025	2 107	1 537	4 693	4 493	548	18	23	10.6	35.2	0.3			
Cutlery, hand tools, and other hardware	861	15	146	94	248	15	15	—	—	11.1	41.6	—			
Fabricated structural metal products	3 283	297	520	412	1 057	874	123	18	—	10.2	30.4	—			
Screw machine products, & metal stamping	2 411	54	297	327	814	734	167	—	—	10.9	38.1	0.7			
Miscellaneous fabricated metal products and not specified metal	7 889	659	1 144	704	2 574	2 542	243	—	23	10.7	35.6	0.3			
Machinery, except electrical	11 373	513	1 346	1 136	3 252	4 158	928	40	—	11.5	45.1	0.4			
Form machinery and equipment	1 317	137	332	265	332	385	88	—	—	10.3	35.9	—			
Construction & material handling machines	1 665	77	98	191	511	648	121	19	—	11.7	47.3	1.1			
Metaworking machinery	1 483	28	117	69	371	777	121	—	—	12.2	60.6	—			
Office and accounting machines, and electronic computing equipment	806	44	22	89	218	381	52	—	—	12.1	53.7	—			
Other machinery, except electrical	6 102	254	972	522	1 820	1 967	546	21	—	11.1	41.5	0.3			
Electrical machinery, equipment, and supplies	9 793	253	760	695	2 645	4 564	782	72	22	12.1	55.5	1.0			
Household appliances	1 729	46	239	169	524	661	90	—	—	11.4	43.4	—			
Radio, T.V., and communication equipment	2 647	21	143	174	565	1 457	265	22	—	12.3	65.9	0.8			
Electrical machinery, equipment, and supplies, n.e.c.	4 980	186	378	333	1 433	2 217	383	50	—	12.1	53.2	1.0			
Not specified electrical machinery, equipment, and supplies	437	—	—	19	123	229	44	—	22	12.3	67.5	5.0			
Transportation equipment	23 763	912	2 876	2 421	7 546	8 378	1 467	149	14	11.3	42.1	0.7			
Motor vehicles & motor vehicle equipment	15 817	593	1 881	1 797	5 327	5 382	759	64	14	11.0	36.3	0.5			
Aircraft and parts	3 919	50	242	219	1 108	1 778	252	19	—	12.2	58.7	1.7			
Other transportation equipment	4 027	269	753	405	1 111	1 218	252	—	—	10.6	37.0	0.5			
Professional and photographic equipment, and watches	1 876	69	231	58	757	610	151	—	—	11.3	40.6	—			
Professional equipment and supplies	2 809	46	159	58	460	411	66	17	—	11.2	39.8	—			
Ordnance	5 371	288	785	625	1 885	1 476	272	40	—	11.7	45.6	0.6			
Miscellaneous manufacturing industries	737	87	110	102	222	194	22	—	—	10.6	33.3	0.7			
Durable goods—allocated															
Nondurable goods	81 379	6 757	11 873	8 025	24 153	25 379	4 725	319	148	10.7	37.6	0.6			
Food and kindred products	23 520	3 036	4 510	2 460	7 044	5 287	1 145	38	—	9.7	27.5	0.2			
Meat products	5 904	764	1 163	779	1 868	1 138	192	—	—	9.4	22.5	—			
Dairy products	1 532	111	314	177	453	446	31	—	—	10.1	31.1	—			
Canning and preserving fruits, vegetables, and seafoods	3 143	691	719	402	776	436	119	—	—	8.4	17.7	—			
Bakery products	2 806	181	308	112	961	961	175	—	—	11.3	40.5	—			
Beverage industries	1 784	82	227	210	540	583	105	17	—	11.0	39.5	1.0			
Other food and kindred products	8 351	1 207	1 779	780	2 318	1 723	523	21	—	9.5	27.1	0.3			

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed							Total	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College					
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4				5 or more
Male, 16 years old and over—Con.										
Operatives, except transport—Continued										
Miscellaneous and not specified operatives—Continued										
Industry—Continued										
Manufacturing—Continued										
Nondurable goods—Continued										
Tobacco manufactures	262	594	309	717	588	183	48	—	30.3	1.8
Apparel and other fabricated textile products	125	400	382	1 073	1 043	99	—	73	38.0	2.3
Apparel and accessories	32	320	204	758	616	92	—	73	37.3	3.5
Miscellaneous fabricated textile products	93	80	178	315	427	7	—	—	39.5	—
Paper and allied products	1 219	2 106	1 422	4 488	4 476	754	38	—	36.3	0.3
Pulp, paper, and paperboard mills	984	759	649	1 713	1 616	302	—	—	31.8	—
Miscellaneous paper and pulp products	2 118	1 006	1 04	552	1 007	177	—	—	55.9	—
Paperboard containers and boxes	354	950	669	2 223	1 853	275	38	—	34.0	0.6
Printing, publishing, and allied industries	119	263	193	1 282	1 463	264	25	24	48.9	1.3
Printing, publishing, and allied industries, except newspapers	119	238	147	1 086	1 321	231	25	24	50.2	1.5
Chemicals and allied products	14 408	1 742	1 424	3 493	5 965	880	104	24	48.4	0.9
Industrial chemicals	3 557	348	475	699	1 506	284	39	—	51.4	—
Synthetic fibers	771	68	90	133	73	93	—	—	52.8	—
Soaps and cosmetics	1 199	172	82	272	564	16	—	—	48.4	—
Other chemicals and allied products	8 881	1 154	777	2 389	3 581	487	65	24	46.8	1.0
Petroleum and coal products	2 707	221	266	626	861	315	—	27	44.4	1.0
Rubber and miscellaneous plastic products	13 943	1 406	1 208	4 509	5 012	1 039	66	—	43.9	0.5
Rubber products	9 906	1 002	836	3 063	3 770	742	40	—	46.0	0.4
Miscellaneous plastic products	4 037	404	372	1 446	1 242	297	26	—	38.8	0.6
Leather and leather products	2 103	235	228	641	577	46	—	—	29.6	—
Tanned, curried, and finished leather	989	115	105	185	292	15	—	—	31.0	—
Footwear, except rubber	511	41	44	235	122	13	—	—	26.4	—
Leather products, except footwear	603	79	43	221	163	18	—	—	30.0	—
Nondurable goods—allocated	666	61	133	280	107	—	—	—	16.1	—
Not specified manufacturing industries	2 707	246	273	785	759	155	—	38	35.2	1.4
Nonmanufacturing industries	45 407	8 453	4 847	12 977	10 584	2 809	372	124	30.6	1.1
Construction	2 494	1 163	775	1 181	649	66	53	—	16.4	1.1
Railroads and railway express service	2 033	329	329	403	320	91	—	—	20.2	—
Transportation, except railroads	3 643	714	373	1 195	1 195	348	19	17	43.3	1.0
Communications, and utilities and sanitary services	2 671	196	208	817	807	186	—	—	37.2	—
Wholesale trade	10 758	1 893	1 199	3 094	2 339	647	104	—	28.7	1.0
Retail trade	6 202	559	474	2 159	1 557	244	—	—	30.0	1.0
Business and repair services	5 664	880	444	2 072	1 450	322	16	—	31.6	0.3
Public administration	3 497	187	428	907	1 058	287	18	42	40.2	1.7
All other industries ¹	6 245	701	617	1 667	1 209	618	103	65	31.9	2.7
Operatives, except transport—allocated	102 273	12 521	8 871	37 581	24 803	3 489	552	491	28.7	1.0
Transport equipment operatives	420 774	38 659	46 525	134 024	107 069	18 012	1 702	490	30.2	0.5
Boatmen and canalmen	222	59	15	48	38	—	—	—	—	—
Bus drivers	29 882	1 420	2 171	7 907	12 770	2 792	158	42	52.7	0.7
Conductors and motormen, urban rail transit	4 432	29	201	1 401	2 101	596	—	—	60.9	—
Deliverymen and routemen	59 589	4 141	5 995	19 572	17 130	3 082	207	22	34.3	0.4
Fork lift and tow motor operatives	45 281	3 671	5 359	14 346	11 374	1 390	140	18	28.5	0.3
Motormen, mine, factory, logging camp, etc.	1 343	163	231	448	164	114	—	—	20.7	—
Parking attendants	6 168	423	715	2 317	1 438	408	—	—	29.9	—
Railroad brakemen	2 732	242	192	704	1 166	175	36	—	50.4	1.3
Taxicab drivers and chauffeurs	3 422	160	160	742	1 529	436	62	—	59.2	1.8
Truck drivers	190 206	2 515	4 111	10 075	7 996	1 914	267	115	31.8	1.1
Trucking service	32 600	19 664	23 614	61 731	40 245	5 680	504	77	24.4	0.3
Transport equipment operatives—allocated	44 884	3 440	5 260	15 354	10 476	2 098	147	32	28.4	0.4
	44 897	6 172	3 761	14 733	11 118	1 425	328	216	29.1	1.2

¹Includes transportation, communications, and other public utilities—allocated.

88 Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school			College			5 or more				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more					
Total	123 163	149 262	77 712	195 330	124 572	21 436	2 272	1 161	9.0	21.5	0.5		
Male, 16 years old and over—Con.	3 344	4 028	1 028	536	1 028	86	47	1 161	9.1	20.0	1.4		
Animal caretakers, except farm	2 142	2 733	1 444	2 611	1 155	13	20	20	8.2	13.2	0.3		
Carpenters' helpers	139 252	35 877	17 318	36 394	18 852	281	175	175	8.3	15.5	0.3		
Construction laborers, except carpenters' helpers	2 310	432	309	604	137	18	39	39	7.8	8.4	1.7		
Fishermen and oystermen	107 997	19 966	11 192	31 029	27 074	4 901	148	148	9.9	30.0	0.4		
Freight and material handlers	27 962	4 867	3 253	8 687	4 490	23	41	41	8.9	17.3	0.2		
Garbage collectors	54 045	12 788	5 687	12 552	5 963	1 078	138	138	7.6	13.5	0.4		
Gardeners and groundskeepers, except farm	17 914	4 592	1 726	5 304	3 160	752	14	14	9.2	22.4	0.5		
Longshoremen and stevedores	20 714	6 200	2 577	3 648	1 146	63	21	21	6.6	6.3	0.4		
Lumbermen, roffsmen, and woodchoppers	41 487	3 339	2 744	18 223	12 053	3 399	218	29	11.2	37.8	0.6		
Stock handlers	1 516	474	108	335	230	21	—	—	7.4	16.6	0.2		
Teamsters	28 477	3 350	3 489	9 549	5 642	800	67	—	9.6	22.9	0.9		
Vehicle washers and equipment cleaners	14 358	2 031	1 265	4 714	4 633	931	102	22	11.1	39.6	0.2		
Warehousemen, n.e.c.	128 957	27 093	15 787	35 019	24 124	4 140	432	174	9.0	22.4	0.5		
Miscellaneous and not specified laborers	46 079	9 041	5 851	22 832	7 604	1 278	66	66	8.7	19.8	0.5		
Occupation:	82 878	17 194	9 936	22 832	16 520	2 862	279	108	9.2	23.9	0.5		
Miscellaneous laborers	67 227	13 055	7 942	18 436	15 464	2 433	106	42	9.5	26.8	0.2		
Not specified laborers	47 159	8 625	5 815	13 206	11 186	1 743	106	—	9.6	27.6	0.2		
Industry:	5 896	1 448	586	1 347	586	81	—	—	11.3	11.3	—		
Manufacturing	5 896	1 448	586	1 347	586	81	—	—	11.3	11.3	—		
Durable goods	1 022	130	165	1 100	855	142	—	—	9.4	25.5	—		
Lumber and wood products, except furniture	3 911	873	381	1 100	855	142	—	—	9.4	25.5	—		
Furniture and fixtures	1 794	276	213	487	367	47	—	—	9.0	23.1	—		
Stone, clay, and glass products	1 106	330	89	276	309	53	—	—	10.7	20.0	—		
Cement, concrete, gypsum, and plaster products	1 011	139	79	337	309	53	—	—	10.7	35.8	—		
Structural clay products	19 966	3 160	2 561	5 944	5 236	695	106	—	10.0	30.2	0.5		
Other stone, clay, and glass products	11 665	988	1 457	3 510	3 333	459	106	—	10.3	33.4	0.9		
Primary metal industries	6 537	1 136	847	1 938	1 436	141	—	—	9.4	24.1	—		
Blast furnaces, steel works, and rolling and finishing mills	1 764	309	257	1 496	467	95	—	—	10.1	31.9	—		
Other primary iron and steel industries	3 730	851	491	1 097	818	160	—	—	9.6	26.2	—		
Primary nonferrous industries	1 546	301	177	468	419	62	—	—	10.1	31.1	—		
Fabricated metal industries, including not specified metal	2 560	415	422	604	622	202	—	—	9.7	32.2	—		
Fabricated structural metal products	1 392	148	135	343	403	137	—	—	10.6	38.8	—		
Machinery, except electrical	6 569	1 119	1 908	1 883	1 883	326	—	—	10.3	33.6	—		
Electrical machinery, equipment, and supplies	3 702	245	428	1 254	1 064	113	—	—	10.4	31.8	—		
Transportation equipment	1 911	343	230	400	517	189	—	—	10.2	36.9	—		
Motor vehicles & motor vehicle equipment	956	178	72	234	302	24	—	—	10.1	34.1	—		
Ship and boat building and repairing	87	46	41	—	—	—	—	—	—	—	—		
Other transportation equipment	641	87	92	—	—	—	—	—	11.0	41.2	—		
Professional and photographic equipment, and watches	623	46	106	298	264	—	—	—	9.3	6.7	—		
Ordnance	762	186	146	228	130	—	—	—	8.8	17.1	—		
Miscellaneous manufacturing industries	19 564	4 303	2 039	5 190	4 132	666	—	—	9.1	24.7	0.2		
Manufacturing, durable goods—allocated	6 693	1 713	527	1 779	1 122	156	—	—	8.5	19.4	0.3		
Nondurable goods	1 532	281	96	533	269	—	—	—	9.3	18.9	0.3		
Food and kindred products	504	70	72	127	178	—	—	—	10.3	35.3	1.4		
Meat products	966	230	—	248	230	20	—	—	9.2	25.9	—		
Dairy products	974	164	69	295	17	89	—	—	10.9	7.9	—		
Canning and preserving fruits, vegetables, and seafoods	639	120	151	142	53	—	—	—	8.3	8.3	—		
Grain-mill products	2 078	581	139	434	375	47	—	—	7.8	20.3	—		
Beverage industries													
Other food and kindred products													

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970 - Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text†

United States	Elementary				High school				College			Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	5 to 7				1 to 3				1 to 3						4	5 or more
	Less than 5				8				4							
Total	5 to 7				1 to 3				1 to 3			4	5 or more			
Male, 16 years old and over - Con.																
Labors, except farm - Continued																
Miscellaneous and not specified laborers - Continued																
Industry - Continued																
Manufacturing - Continued																
Nonurable goods - Continued																
Tobacco manufactures	641	91	152	105	202	91								14.2		
Textile mill products	3 199	407	632	309	1 140	692								22.2		
Yarn, thread, and fabric mills	2 615	329	502	248	949	568								22.4		
Other textile mill products	584	78	130	61	191	124								21.2		
Apparel and other fabricated textile products	289	67	42	58	12	53								...		
Paper and allied products	2 507	499	435	239	608	618								9.4		
Pulp, paper, and paperboard mills	1 692	396	303	105	344	458								9.4		
Other paper and allied products	815	103	132	134	264	160								22.3		
Printing, publishing, and allied industries	570	63	63	63	298	108								10.4		
Chemicals and allied products	2 921	421	635	349	786	560								32.7		
Petroleum and coal products	543	34	80	152	181	96								9.1		
Rubber and miscellaneous plastic products	1 360	144	290	124	477	17								11.0		
Leather and leather products	411	31	175	43	127	72								8.0		
Nondurable goods - allocated	430	106	86	70	96	72								8.5		
Not specified manufacturing industries	504	79	127	88	40	146								8.5		
Nonmanufacturing industries	61 730	12 439	14 038	7 845	16 593	8 660								8.6		
Railroads and railway express service	10 736	2 844	2 772	1 417	2 072	1 451								17.5		
Transportation, except railroads	3 567	483	652	433	1 105	744								15.2		
Comm., and utilities and sanitary services	11 600	2 252	2 788	1 272	3 524	1 515								25.1		
Transportation, communications, and other public utilities - allocated	220	19	76	19	58	48								15.2		
Wholesale trade	7 686	1 547	1 664	966	2 038	1 299								...		
Retail trade	6 373	1 284	1 321	756	1 899	938								19.1		
Business and repair services	2 838	332	644	299	841	581								8.7		
Personal services	5 400	1 078	1 366	841	1 209	530								8.8		
Private households	3 785	772	1 050	607	725	331								9.5		
Public administration	5 006	752	1 098	789	1 460	670								8.3		
All other industries	8 304	1 848	1 657	1 053	2 377	884								8.1		
Labors, except farm - allocated	96 286	20 724	20 836	10 357	25 633	15 357								8.8		
Farmers and farm managers	37 749	12 929	11 889	3 993	5 108	2 832								6.5		
Farmers, owners and tenants	29 613	10 816	9 690	3 195	3 544	1 758								10.2		
Farmers and farm managers - allocated	1 512	470	639	152	110	107								8.0		
Farm laborers and farm foremen	6 644	1 643	1 560	646	1 454	967								6.2		
Farm foremen	153 441	55 011	44 361	15 065	27 944	9 126								8.2		
Farm foremen	2 201	526	711	200	395	286								6.5		
Farm laborers, wage workers	131 075	48 589	39 241	12 858	22 846	6 342								7.4		
Farm laborers, unpaid family workers	2 638	638	450	409	541	309								6.3		
Farm service laborers, self-employed	1 175	34	17	26	81	17								8.1		
Farm laborers and farm foremen - allocated	17 352	5 224	3 742	1 598	4 081	2 163								7.8		
Service workers, except private household	669 307	72 346	109 686	70 486	209 748	157 125								15.6		
Cleaning service workers	316 306	44 321	65 148	39 190	95 812	57 871								10.2		
Chambermaids and maids, except private household	3 646	450	643	535	1 145	755								9.3		
Cleaners and charwomen	66 621	7 519	13 590	8 762	22 034	12 455								9.5		
Janitors and sextons	246 039	36 352	50 915	29 893	72 633	44 661								20.2		
Food service workers	118 468	7 614	14 679	11 164	49 491	27 770								9.2		
Barbers	7 404	365	1 012	826	2 232	1 383								10.6		
Busboys	8 526	260	662	592	5 377	2 323								11.0		
Cooks, except private household	51 862	3 071	7 600	5 519	19 928	12 808								10.5		
Dishwashers	16 174	1 926	1 898	1 318	8 263	2 253								10.3		
Food counter and fountain workers	2 353	107	280	273	875	577								17.1		
														34.8		

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school				College						
	Less than 5	5 to 7	8	1 to 3	4	5 or more	1 to 3	4	5 or more				
Total	18 890	1 677	1 434	6 822	5 683	2 083	284	16	11.4	42.7	1.6		
Walters	13 239	1 550	1 202	5 994	2 834	673	—	12	10.4	26.5	0.1		
Food service workers, except private household	38 355	3 096	2 810	11 203	14 992	4 081	610	226	12.0	51.9	2.2		
Dental assistants	207	17	18	56	96	—	—	23	11.7	45.9	3.0		
Health aides, except nursing	4 159	336	322	1 577	1 324	459	101	—	11.7	—	—		
Health trainees	120	30	16	28	22	24	—	—	—	—	—		
Lay midwives	72	—	25	—	21	—	—	203	12.1	52.2	2.2		
Nursing aides, orderlies, and attendants	31 699	2 228	2 337	8 932	12 750	3 100	487	—	12.3	61.9	1.0		
Practical nurses	2 098	46	92	610	779	498	22	—	—	—	—		
Personal service workers	49 223	6 807	4 761	14 664	14 464	4 725	541	228	11.0	40.5	1.6		
Airline stewardesses	66	—	—	—	66	—	—	—	—	—	—		
Attendants, recreation and amusement	4 579	223	383	1 780	1 040	748	73	37	11.3	41.5	2.4		
Attendants, personal service, n.e.c.	4 488	519	568	1 316	1 233	463	—	21	10.8	38.3	0.5		
Baggage porters and bellhops	6 459	853	1 879	1 879	2 233	554	20	—	11.3	43.5	0.3		
Barbers	14 701	1 704	1 165	4 230	5 187	1 585	248	13	11.8	47.8	1.8		
Boarding and lodging house keepers	102	24	16	—	—	—	—	—	—	—	—		
Bootblacks	2 455	415	390	540	274	63	31	—	8.2	15.0	1.3		
Child care workers, except private household	1 406	147	47	447	444	204	23	22	11.9	49.3	3.2		
Elevator operators	6 604	1 817	978	1 756	1 099	1 67	42	37	8.8	20.4	1.2		
Hairdressers and cosmetologists	2 134	186	47	597	1 059	1 64	15	18	12.2	58.9	1.5		
Personal service apprentices	69	24	—	23	22	—	—	—	—	—	—		
Housekeepers, except private household	4 229	500	464	1 248	1 334	434	55	17	11.3	43.5	1.7		
School monitors	523	18	289	138	20	—	—	20	11.1	34.0	3.8		
Ushers, recreation and amusement	424	13	81	283	22	22	—	—	10.8	24.3	—		
Welfare service aides	1 053	24	76	299	394	183	34	43	12.3	62.1	7.3		
Protective service workers	62 578	5 087	3 829	12 626	25 676	10 639	1 468	446	12.3	61.1	3.1		
Crossing guards and bridge tenders	1 157	224	192	325	201	60	51	—	9.5	27.0	4.4		
Firemen, fire protection	4 513	151	190	734	2 567	720	77	41	12.4	75.4	2.6		
Guards and watchmen	32 135	4 019	2 821	7 875	10 869	3 394	565	149	11.6	46.6	2.2		
Marshals and constables	285	29	—	43	169	20	—	24	—	—	—		
Police officers and detectives	22 865	206	577	3 378	11 227	5 969	734	207	12.6	79.3	4.1		
Public	21 488	184	464	3 019	10 702	5 809	645	207	12.6	80.8	4.0		
Private	1 377	97	113	359	525	160	89	—	12.2	56.2	6.5		
Sheriffs and bailiffs	1 623	21	49	271	643	476	41	25	12.6	73.0	4.1		
Service workers, except private household—allocated	84 377	13 234	8 732	25 952	16 352	3 903	881	454	9.6	25.6	1.6		
Private household workers	18 254	2 985	2 570	4 795	2 238	325	115	—	8.4	14.7	0.6		
Occupation:	771	44	48	284	131	16	—	—	9.5	19.1	—		
Child care workers, private household	944	105	176	298	165	74	22	—	9.9	27.6	2.3		
Cooks, private household	1 458	114	236	469	237	22	—	—	9.0	17.8	—		
Housekeepers, private household	108	22	44	19	—	—	—	—	—	—	—		
Loundresses, private household	12 758	2 245	1 779	3 305	1 341	195	93	—	8.2	12.8	0.7		
Maids and servants, private household	2 215	456	287	420	364	18	—	—	7.9	17.2	—		
Private household workers—allocated	667	127	96	143	128	—	23	—	8.6	22.6	3.4		
Living in	189	52	29	75	63	—	—	—	—	—	—		
Housekeepers, private household	363	105	41	75	50	—	23	—	—	—	—		
Maids and servants, private household	17 587	2 858	2 474	4 652	2 170	325	92	—	8.3	14.4	0.5		
Living out	3 487	795	345	839	571	123	39	—	8.5	21.0	1.1		
Unemployed persons, last worked 1959 or earlier	—	—	—	—	—	—	—	—	—	—	—		

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College			5 or more					
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
Total	189 297	413 271	283 198	988 280	1 136 841	325 995	159 203	81 007	11.7	47.6	6.7		
Female, 16 years old and over	2 741	5 300	5 576	34 139	79 937	66 653	125 717	68 897	16.0	87.7	50.0		
Professional, technical, and kindred workers	17	24	8	36	84	2	967	192	13.0	92.2	15.4		
Accountants	195	44	16	105	820	666	941	246	15.1	95.7	42.5		
Architects	2 794	16	16	57	571	470	726	571	15.2	96.3	43.9		
Computer specialists	1 986	16	16	48	207	171	148	82	14.3	92.7	35.1		
Computer programmers	656	—	—	—	42	25	67	18	—	—	—		
Computer systems analysts	152	—	—	—	—	—	—	—	—	—	—		
Computer specialists, n.e.c.	—	—	—	—	—	—	—	—	—	—	—		
Engineers	757	18	—	24	352	134	229	—	13.0	94.5	30.3		
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—		
Chemical	22	—	—	—	—	—	—	—	—	—	—		
Civil	104	—	—	24	24	13	43	—	—	—	—		
Electrical and electronic	148	—	—	106	106	21	21	—	—	—	—		
Industrial	299	—	—	183	183	45	71	—	—	—	—		
Mechanical	39	—	—	—	—	39	—	—	—	—	—		
Metallurgical and materials	—	—	—	—	—	—	—	—	—	—	—		
Mining	—	—	—	—	—	—	—	—	—	—	—		
Petroleum	—	—	—	—	—	—	—	—	—	—	—		
Sales	—	—	—	—	—	—	—	—	—	—	—		
Engineers, n.e.c.	145	18	—	—	39	16	72	—	—	—	—		
Farm management advisors	62	—	22	—	15	—	—	25	—	—	—		
Foresters and conservationists	139	76	—	41	22	—	—	—	—	—	—		
Home management advisors	864	45	31	103	90	182	266	147	15.7	79.3	47.8		
Lawyers and judges	394	—	—	54	81	70	39	150	—	—	—		
Judges	18	—	—	18	—	—	—	—	—	—	—		
Lawyers	376	—	—	36	81	70	39	150	—	—	—		
Librarians, archivists, and curators	6 738	21	66	375	1 020	919	2 187	2 150	16.4	93.1	64.4		
Librarians	6 670	21	66	356	987	919	2 171	2 150	16.5	93.4	64.8		
Archivists and curators	68	—	—	19	33	—	16	—	—	—	—		
Mathematical specialists	885	—	—	—	232	303	213	137	15.1	100.0	39.5		
Actuaries	33	—	—	—	18	—	15	—	—	—	—		
Mathematicians	183	—	—	—	—	22	92	69	—	—	—		
Statisticians	669	—	—	—	214	281	106	68	14.3	100.0	26.0		
Life and physical scientists	1 443	17	—	37	351	224	542	272	16.2	96.3	56.4		
Agricultural	17	—	—	—	—	—	—	—	—	—	—		
Atmospheric and space	55	—	—	—	19	—	36	—	—	—	—		
Biological	641	—	—	15	180	132	223	91	15.9	97.7	49.0		
Chemists	595	—	—	22	125	71	196	181	16.4	96.3	63.4		
Geologists	17	—	—	—	—	—	17	—	—	—	—		
Marine	—	—	—	—	—	—	—	—	—	—	—		
Physicists and astronomers	91	—	—	—	—	21	70	—	—	—	—		
Life and physical, n.e.c.	27	—	—	—	27	—	—	—	—	—	—		
Operations and systems researchers and analysts	375	—	—	13	120	61	119	62	—	—	—		
Personnel and labor relations workers	7 023	13	86	532	2 307	2 086	1 356	649	13.8	90.4	28.5		
Physicians, dentists, and related practitioners	1 765	50	22	193	298	256	200	746	16.3	85.0	53.6		
Chiropractors	21	—	—	—	21	—	—	—	—	—	—		
Dentists	166	—	—	—	17	23	31	95	—	—	—		
Optometrists	21	—	—	—	21	—	—	—	—	—	—		
Pharmacists	716	22	22	53	91	130	169	229	16.2	86.5	55.6		
Physicians, medical and osteopathic	786	—	—	125	130	81	422	422	17+	80.5	53.7		
Podiatrists	22	—	—	—	—	22	—	—	—	—	—		
Veterinarians	33	—	—	15	18	—	—	—	—	—	—		
Health practitioners, n.e.c.	—	—	—	—	—	—	—	—	—	—	—		
Registered nurses, dietitians, and therapists	72 960	2 066	2 349	12 076	29 529	16 410	7 316	2 444	12.7	76.3	13.4		
Dietitians	6 961	338	488	2 109	2 589	463	367	569	12.2	57.3	13.4		
Registered nurses	62 799	711	1 841	9 575	25 797	15 423	6 073	1 718	12.7	78.0	12.4		
Therapists	3 200	21	20	392	1 143	524	674	359	13.0	84.4	32.3		

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College			5 or more	Percent completed 4 years of high school or more	Percent completed 4 years of college or more			
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
Total	15 459	220	251	2 180	6 852	4 258	1 283	331	12.7	82.3	10.4		
Female, 16 years old and over—Con.	7 133	128	93	721	2 871	2 157	871	246	12.9	86.1	15.7		
Professional, technical, and kindred workers—Con.	254	—	—	—	37	116	80	21	13.8	92.2	22.6		
Health technologists and technicians	474	—	—	37	151	179	84	23	12.6	79.6	3.1		
Clinical laboratory technologists and technicians	2 155	52	54	318	998	652	45	21	12.5	78.0	4.3		
Dental hygienists	240	—	104	980	2 698	1 135	203	20	12.6	63.4	22.2		
Health record technologists and technicians	5 203	40	94	337	284	273	94	207	12.3	55.9	22.5		
Radiologic technologists and technicians	1 353	42	75	263	152	140	32	42	13.0	77.2	21.8		
Health technologists and technicians, n.e.c.	875	26	19	74	132	133	62	42	14.2	97.5	26.9		
Religious workers	478	—	—	50	226	349	197	506	17+	93.5	69.5		
Religious workers, n.e.c.	1 328	—	—	12	154	188	59	71	17+	93.5	69.5		
Social scientists	484	—	—	—	—	—	—	—	17+	93.5	69.5		
Economists	—	—	—	—	—	—	—	—	17+	93.5	69.5		
Political scientists	—	—	—	—	—	—	—	—	17+	93.5	69.5		
Psychologists	583	—	—	38	55	85	40	365	17+	93.5	69.5		
Sociologists	126	—	—	—	—	—	—	—	17+	93.5	69.5		
Urban and regional planners	100	—	—	—	—	—	—	—	17+	93.5	69.5		
Social scientists, n.e.c.	35	—	—	—	—	—	—	—	17+	93.5	69.5		
Social and recreation workers	26 905	199	519	3 352	6 192	5 479	6 941	4 120	14.7	84.5	41.1		
Social	23 511	183	385	2 495	5 158	4 713	6 512	3 962	15.2	86.5	44.5		
Recreation	3 394	16	134	857	1 034	766	429	158	12.7	70.3	17.3		
Teachers, college and university	7 731	106	65	379	1 007	1 324	1 113	3 710	16.9	92.5	62.4		
Agriculture	15	—	—	—	—	—	—	—	—	—	—		
Atmospheric, earth, marine, and space	106	—	—	—	—	—	—	—	—	—	—		
Biology	—	—	—	—	—	—	—	—	—	—	—		
Chemistry	54	—	—	—	—	—	—	—	—	—	—		
Physics	—	—	—	—	—	—	—	—	—	—	—		
Engineering	76	—	—	—	—	—	—	—	—	—	—		
Mathematics	244	—	—	—	—	—	—	—	—	—	—		
Health specialties	948	18	—	99	245	66	26	152	15.7	87.7	48.6		
Psychology	129	—	—	—	—	125	110	351	16.8	100.0	94.1		
Business and commerce	493	—	—	—	—	29	257	207	—	—	—		
Economics	15	—	—	—	—	—	—	15	—	—	—		
History	132	—	—	—	—	28	—	87	—	—	—		
Sociology	115	—	—	—	—	—	—	—	—	—	—		
Social science teachers, n.e.c.	201	—	—	19	—	—	41	65	—	—	—		
Art, drama, and music	320	—	—	—	—	106	83	104	—	—	—		
Coches and physical education	99	—	—	—	—	—	—	99	—	—	—		
Education	173	—	—	22	—	—	22	129	17+	96.0	89.8		
English	766	13	—	18	—	47	180	508	—	—	—		
Foreign language	117	—	—	—	—	25	—	92	—	—	—		
Home economics	259	—	—	68	95	26	—	70	—	—	—		
Law	—	—	—	—	—	—	—	—	—	—	—		
Theology	—	—	—	—	—	—	—	—	—	—	—		
Trade, industrial, and technical	42	—	—	—	—	—	—	—	—	—	—		
Miscellaneous teachers, college and university	129	—	—	31	19	—	21	58	—	—	—		
Teachers, college and university, subject not specified	3 298	75	39	122	625	786	289	1 362	16.0	92.8	50.1		
Teachers, except college and university	177 240	1 216	1 133	6 286	13 577	14 812	93 588	46 022	16.5	94.8	78.8		
Adult education	2 342	114	—	179	446	484	829	289	15.5	86.6	46.9		
Elementary school	117 262	309	453	2 838	7 076	7 437	67 157	31 396	16.6	96.4	84.0		
Public	104 690	429	335	2 180	5 933	5 921	60 861	28 722	16.6	96.9	85.6		
Private	12 572	167	118	658	1 143	1 516	6 296	2 674	16.4	92.5	71.3		
Prekindergarten and kindergarten	14 852	117	489	2 271	3 848	3 862	3 047	925	13.3	78.7	24.7		
Public	9 064	75	332	1 997	2 410	1 929	2 175	79.1	13.3	79.1	31.2		
Private	5 788	42	167	974	1 438	1 933	872	272	13.3	78.0	19.6		

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text 1

United States	Elementary				High school				College			Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	5 to 7				1 to 3				1 to 3						4	5 or more
	Less than 5	8			1 to 3			4								
Total	143	169	81	266	449	1 005	1 266	2 079	21 791	12 875	16.7	97.8	89.2			
Female, 16 years old and over—Con.	126	169	81	1 005	333	1 005	1 005	1 851	19 375	11 653	16.7	98.0	89.7			
Teachers, except college and university—Continued	17	—	—	—	116	261	261	228	2 416	1 222	16.6	96.9	85.4			
Public	16	54	100	941	549	941	941	950	764	557	14.0	81.7	33.6			
Private	—	—	—	—	—	—	—	—	—	—	—	—	—			
Teachers, except college and university, n.e.c.	21	169	77	1 967	694	1 967	1 967	1 528	405	165	12.8	80.9	11.3			
Engineering and science technicians	21	22	22	174	105	174	174	133	61	44	12.7	70.8	18.0			
Agriculture and biological, except health	—	23	—	40	350	40	350	276	17	36	12.9	91.5	7.1			
Chemical	—	—	—	—	104	323	323	166	48	—	12.7	83.8	7.5			
Draftsmen	—	—	—	—	144	254	254	246	39	23	12.8	79.6	8.8			
Electrical and electronic engineering	—	—	—	—	49	40	40	54	14	—	—	—	—			
Industrial engineering	—	—	—	—	—	—	—	—	—	—	—	—	—			
Mechanical engineering	—	—	—	—	—	—	—	—	—	—	—	—	—			
Mathematical	—	—	—	—	—	—	—	—	—	—	—	—	—			
Surveyors	—	—	—	—	—	—	—	—	—	—	—	—	—			
Engineering and science, n.e.c.	67	124	55	784	227	784	784	653	210	62	12.8	80.8	12.9			
Technicians, except health, and engineering and science	1 326	46	—	452	285	452	452	422	75	46	12.7	75.0	9.1			
Airplane pilots	—	—	—	—	—	—	—	—	—	—	—	—	—			
Air traffic controllers	—	—	—	—	—	—	—	—	—	—	—	—	—			
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—			
Flight engineers	—	—	—	—	—	—	—	—	—	—	—	—	—			
Radio operators	—	—	—	—	—	—	—	—	—	—	—	—	—			
Tool programmers, numerical control	—	—	—	—	—	—	—	—	—	—	—	—	—			
Technicians, n.e.c.	25	29	—	247	164	247	247	261	14	46	12.8	74.6	7.9			
Vocational and educational counselors	5 623	—	—	644	323	644	644	714	900	2 985	17.4	93.2	69.1			
Writers, artists, and entertainers	7 231	103	41	2 620	1 042	2 620	2 620	2 184	825	394	12.9	83.3	16.9			
Actors	247	—	—	67	42	67	67	101	37	—	—	—	—			
Athletes and kindred workers	159	—	—	21	39	21	21	57	84	—	—	—	—			
Authors	—	—	—	—	—	—	—	—	—	—	—	—	—			
Dancers	—	—	—	—	—	—	—	—	—	—	—	—	—			
Designers	726	—	—	302	106	302	302	99	20	25	12.5	79.1	2.8			
Editors and reporters	1 850	27	24	406	184	406	406	92	20	160	14.3	90.9	31.7			
Musicians and composers	1 309	21	—	403	304	403	403	589	427	76	12.8	73.5	5.8			
Painters and sculptors	258	—	—	143	77	143	143	149	36	22	12.9	96.9	11.9			
Photographers	785	—	—	288	48	288	288	38	—	—	—	—	—			
Public relations men and publicity writers	21	—	—	—	—	—	—	—	—	—	—	—	—			
Radio and television announcers	637	37	17	154	86	154	154	205	25	113	13.4	78.0	21.7			
Writers, artists, and entertainers, n.e.c.	1 304	883	788	378	85	378	378	401	220	186	14.2	90.9	31.1			
Research workers, not specified	34 514	—	—	7 121	4 992	7 121	7 121	11 163	5 701	2 982	13.7	78.1	25.2			
Professional, technical, and kindred workers—allocated	48 007	3 057	2 357	14 967	9 387	14 967	14 967	8 266	4 397	4 494	12.5	66.9	18.5			
Managers and administrators, except farm assessors, controllers, and treasurers; local public administration	112	—	—	73	—	73	73	39	—	—	—	—	—			
Bank officers and financial managers	1 459	—	10	722	199	722	722	275	202	51	12.7	85.7	17.3			
Buyers and shippers, farm products	40	—	—	—	—	—	—	—	—	—	—	—	—			
Buyers, wholesale and retail trade	1 352	19	27	666	123	666	666	337	180	—	12.8	87.5	13.3			
Credit men	383	—	—	202	45	202	202	113	23	—	—	—	—			
Funeral directors	416	27	—	110	53	110	110	127	99	—	13.4	80.8	23.8			
Health administrators	2 131	47	59	801	400	801	801	482	184	158	12.7	76.3	16.0			
Construction inspectors, public administration	—	—	—	—	—	—	—	—	—	—	—	—	—			
Inspectors, except construction; public administration	1 000	43	—	461	211	461	461	171	114	—	12.5	74.6	11.4			
Federal public administration and postal service	691	27	—	326	148	326	326	122	68	—	12.5	74.7	9.8			
State public administration	93	16	—	48	—	48	48	29	—	—	—	—	—			
Local public administration	216	—	—	87	63	87	87	20	46	—	—	—	—			
Managers and superintendents, building	1 398	188	101	432	337	432	432	243	59	—	12.1	52.5	4.2			
Office managers, n.e.c.	1 105	—	—	471	58	471	471	454	42	80	13.2	94.8	11.0			
Officers, pilots, and pursers, ship	24	—	—	—	—	—	—	24	—	—	—	—	—			

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College		5 or more	4	3 to 4	2 to 3				1 to 2
	Less than 5	5 to 7	8	1 to 3	4	1 to 3									4
Total	17	59	113	341	1 446	1 022	525	389	13.0	86.5	23.4			
Managers and administrators, except farm—Con.	—	—	—	—	—	—	—	—	—	—	—			
Officials and administrators, public administration, n.e.c.	—	—	—	—	—	—	—	—	—	—	—			
Federal public administration and postal service	—	—	—	—	—	—	—	—	—	—	—			
State public administration	—	—	—	—	—	—	—	—	—	—	—			
Local public administration	—	—	—	—	—	—	—	—	—	—	—			
Officials of lodges, societies, and unions	—	—	—	—	—	—	—	—	—	—	—			
Postmasters and mail superintendents	—	—	—	—	—	—	—	—	—	—	—			
Purchasing agents and buyers, n.e.c.	—	—	—	—	—	—	—	—	—	—	—			
Railroad conductors	—	—	—	—	—	—	—	—	—	—	—			
Restaurant, cafeteria, and bar managers	—	—	—	—	—	—	—	—	—	—	—			
Sales managers and department heads, retail trade	—	—	—	—	—	—	—	—	—	—	—			
Sales managers, except retail trade	—	—	—	—	—	—	—	—	—	—	—			
School administrators, college	—	—	—	—	—	—	—	—	—	—	—			
School administrators, elementary and secondary	—	—	—	—	—	—	—	—	—	—	—			
Managers and administrators, n.e.c., salaried	—	—	—	—	—	—	—	—	—	—	—			
Construction	—	—	—	—	—	—	—	—	—	—	—			
Durable goods manufacturing	—	—	—	—	—	—	—	—	—	—	—			
Nondurable goods, incl. not specified manufacturing	—	—	—	—	—	—	—	—	—	—	—			
Transportation	—	—	—	—	—	—	—	—	—	—	—			
Communications, and utilities and sanitary services	—	—	—	—	—	—	—	—	—	—	—			
Wholesale trade	—	—	—	—	—	—	—	—	—	—	—			
Retail trade	—	—	—	—	—	—	—	—	—	—	—			
Hardware, farm equipment, and building material retailing	—	—	—	—	—	—	—	—	—	—	—			
General merchandise stores	—	—	—	—	—	—	—	—	—	—	—			
Food stores	—	—	—	—	—	—	—	—	—	—	—			
Motor vehicles and accessories retailing	—	—	—	—	—	—	—	—	—	—	—			
Gasoline service stations	—	—	—	—	—	—	—	—	—	—	—			
Apparel and accessories stores	—	—	—	—	—	—	—	—	—	—	—			
Furniture, home furnishings, and equipment stores	—	—	—	—	—	—	—	—	—	—	—			
Other retail trade	—	—	—	—	—	—	—	—	—	—	—			
Finance, insurance and real estate	—	—	—	—	—	—	—	—	—	—	—			
Business and repair services	—	—	—	—	—	—	—	—	—	—	—			
Personal services	—	—	—	—	—	—	—	—	—	—	—			
All other industries ¹	—	—	—	—	—	—	—	—	—	—	—			
Managers and administrators, n.e.c., self-employed	—	—	—	—	—	—	—	—	—	—	—			
Construction	—	—	—	—	—	—	—	—	—	—	—			
Durable goods manufacturing	—	—	—	—	—	—	—	—	—	—	—			
Nondurable goods, incl. not specified manufacturing	—	—	—	—	—	—	—	—	—	—	—			
Transportation	—	—	—	—	—	—	—	—	—	—	—			
Communications, and utilities and sanitary services	—	—	—	—	—	—	—	—	—	—	—			
Wholesale trade	—	—	—	—	—	—	—	—	—	—	—			
Retail trade	—	—	—	—	—	—	—	—	—	—	—			
Hardware, farm equipment, and building material retailing	—	—	—	—	—	—	—	—	—	—	—			
General merchandise stores	—	—	—	—	—	—	—	—	—	—	—			
Food stores	—	—	—	—	—	—	—	—	—	—	—			
Motor vehicles and accessories retailing	—	—	—	—	—	—	—	—	—	—	—			
Gasoline service stations	—	—	—	—	—	—	—	—	—	—	—			
Apparel and accessories stores	—	—	—	—	—	—	—	—	—	—	—			
Furniture, home furnishings, and equipment stores	—	—	—	—	—	—	—	—	—	—	—			
Other retail trade	—	—	—	—	—	—	—	—	—	—	—			
Finance, insurance, and real estate	—	—	—	—	—	—	—	—	—	—	—			
Business and repair services	—	—	—	—	—	—	—	—	—	—	—			
Personal services	—	—	—	—	—	—	—	—	—	—	—			
All other industries ¹	—	—	—	—	—	—	—	—	—	—	—			
Managers and administrators, except farm—allocated	—	—	—	—	—	—	—	—	—	—	—			

¹Includes transportation, communications, and other public utilities—allocated.

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed						Medion school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3				4	5 or more
Total									
93 204	1 440	4 443	4 543	28 296	39 457	12 911	1 749	365	2.3
288	—	—	—	91	132	42	—	23	...
21	—	—	—	21	—	—	—	—	...
839	—	49	35	98	546	53	33	25	6.9
Demonstrators	1 802	150	179	558	448	235	104	—	43.7
Hucksters and peddlers	4 091	32	195	977	1 754	848	228	—	69.2
Insurance agents, brokers, and underwriters	227	57	81	81	—	29	—	—	5.6
Newsboys	1 548	58	—	193	714	452	80	21	81.8
Real estate agents and brokers	270	—	—	25	118	86	18	23	6.5
Stock and bond salesmen	70 157	751	3 253	20 933	31 678	9 443	679	161	59.8
Salesmen and sales clerks, n.e.c.	941	36	126	317	321	105	—	—	45.3
Sales representatives, manufacturing industries	2 479	21	250	843	917	300	19	23	50.8
Sales representatives, wholesale trade	61 447	660	2 879	18 224	28 376	8 113	542	102	60.4
Sales clerks, retail trade	33 574	103	1 012	9 506	16 885	4 861	256	37	65.6
General merchandise stores	5 540	326	593	2 219	1 628	343	60	—	1.1
Food stores	10 482	44	456	3 187	4 802	1 376	127	41	60.5
Apparel and accessories stores	11 851	187	818	3 312	5 061	1 533	99	24	1.6
Other sales clerks, retail trade	1 768	17	136	572	627	21	—	—	1.2
Salesmen, retail trade	155	22	—	32	101	—	—	—	...
Motor vehicles and accessories dealers	3 522	17	196	977	1 437	632	97	36	62.5
Salesmen of services and construction	13 961	499	840	5 319	3 986	1 723	607	112	46.0
Sales workers—allocated	732 310	5 091	10 116	13 232	390 795	151 418	18 634	4 092	77.1
Bank tellers	3 364	46	21	138	932	2 108	140	—	92.2
Billing clerks	3 941	36	74	605	2 302	823	101	—	2.6
Bookkeepers	34 832	222	295	4 374	18 823	9 422	1 159	229	85.1
Cashiers	48 492	291	1 189	15 740	23 670	5 198	306	21	60.2
Clerical assistants, social welfare	170	—	—	33	61	60	16	—	...
Clerical supervisors, n.e.c.	3 898	—	17	426	2 138	982	299	36	88.6
Clerical supervisors, n.e.c.	1 353	60	77	191	720	305	—	—	75.8
Collectors, bill and account	11 126	60	572	3 611	4 892	1 412	85	—	57.4
Counter clerks, except food	1 195	127	36	347	602	62	21	—	57.3
Dispatchers and starters, vehicle	4 173	19	44	687	1 969	952	341	122	81.1
Enumerators and interviewers	7 465	20	—	855	3 788	2 263	389	53	87.0
Estimators and investigators, n.e.c.	3 364	55	20	472	2 146	368	81	—	2.4
Expeditors and production controllers	42 679	113	624	9 312	24 358	6 720	372	121	83.1
File clerks	2 108	—	—	105	1 092	737	156	18	74.0
Insurance adjusters, examiners, and investigators	7 563	—	—	1 324	2 549	3 127	261	252	95.0
Library attendants and assistants	3 178	45	19	703	1 735	618	20	—	81.8
Mail carriers, post office	6 108	41	161	1 628	2 909	1 098	57	—	74.7
Mail handlers, except post office	1 748	—	—	425	768	370	33	—	66.5
Messenger's, including telegraph, and office boys	73	—	—	25	48	—	—	—	1.9
Meter readers, utilities	46 086	363	406	5 507	30 668	8 544	399	21	86.0
Office machine operators	3 922	62	32	283	2 412	1 107	18	—	89.7
Bookkeeping and billing machine	1 966	—	60	374	1 106	408	—	—	12.6
Calculating machine	3 214	—	—	181	2 138	823	55	—	77.9
Computer and peripheral equipment	32 509	265	21	282	660	157	304	21	93.8
Duplicating machine	653	20	194	3 559	22 440	5 618	—	—	72.5
Keypunch	2 664	—	24	100	396	93	—	—	87.3
Tabulating machine	5 346	—	75	728	1 516	338	—	—	74.9
Office machine, n.e.c.	28 920	76	222	5 470	2 969	1 368	231	76	69.6
Payroll and timekeeping clerks	1 165	—	—	116	15 925	6 216	469	17	86.9
Postal clerks	1 44	—	—	135	610	313	90	—	78.4
Proofreaders	15 342	138	206	2 415	8 062	3 753	459	62	88.4
Real estate appraisers	—	—	—	21	23	—	—	—	...
Receptionists	—	—	—	247	—	—	—	—	...

Female, 16 years old and over—Con.

United States

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more				
	Elementary		High school		College		5 or more		4	1 to 3				4	5 or more		
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4										
Total																	
90 765	308	463	622	8 270	48 136	27 415	4 981	570	12.7	89.4	6.1						
1 534	17	—	—	41	750	694	15	17	12.9	96.2	2.1						
2 920	—	22	28	324	1 455	935	94	62	12.7	87.2	5.3						
7 608	36	378	379	2 649	3 277	850	39	78	12.1	54.8	0.5						
13 302	62	176	152	1 536	3 999	2 985	314	78	12.6	85.5	2.9						
5 833	18	44	42	371	3 388	1 714	256	24	12.7	91.9	4.4						
13 270	125	634	500	3 404	6 459	2 022	102	24	12.3	64.9	0.9						
25 245	146	430	969	5 936	11 490	5 915	244	115	12.4	70.4	1.4						
380	—	—	—	22	279	57	22	—	—	—	—						
43 988	215	533	433	6 721	27 480	8 066	447	93	12.5	82.0	1.2						
—	—	16	34	299	1 195	746	30	—	12.7	85.0	1.3						
92 017	383	396	786	13 111	55 597	19 726	1 767	251	12.6	84.1	2.2						
1 615	26	119	107	570	594	199	—	—	11.9	49.1	—						
70 917	421	1 170	1 428	12 233	37 473	15 639	1 917	636	12.5	78.5	3.6						
27 442	210	350	461	5 027	14 061	6 178	843	312	12.5	78.0	4.2						
43 475	211	820	967	7 206	23 412	9 461	1 074	324	12.5	78.8	3.2						
4 999	—	128	87	1 024	2 884	806	70	—	12.4	75.2	1.4						
6 854	—	69	70	819	1 907	1 323	152	—	12.6	86.0	2.2						
9 856	94	162	423	2 720	5 005	3 323	65	64	12.3	65.5	1.3						
9 587	25	155	98	927	5 681	2 452	189	60	12.6	87.4	2.6						
18 805	121	249	301	3 034	9 184	4 884	670	362	12.6	80.3	5.5						
15 582	93	210	177	2 565	8 312	3 418	657	150	12.6	80.5	5.2						
5 234	88	197	272	1 144	2 570	849	114	—	12.4	67.5	2.2						
76 741	1 902	1 731	1 963	28 297	29 532	9 065	3 030	1 221	12.2	55.8	5.5						
52 564	2 096	5 144	4 110	17 076	19 389	3 904	663	182	11.6	45.9	1.6						
63	—	24	—	14	25	—	—	—	—	—	—						
4 282	85	628	345	1 643	1 288	293	—	—	11.0	36.9	—						
185	—	21	14	87	63	—	—	—	—	—	—						
23	—	—	—	—	23	—	—	—	—	—	—						
5 281	446	1 066	370	1 578	1 495	198	66	62	10.4	34.5	2.4						
443	22	82	113	83	143	—	—	—	9.2	32.3	—						
314	81	107	—	87	39	—	—	—	—	—	—						
986	101	246	70	253	230	—	47	39	9.9	32.0	8.7						
575	135	131	52	174	62	21	—	—	8.4	14.4	—						
850	14	37	20	356	348	52	—	23	12.0	49.8	2.7						
277	17	84	24	128	24	—	—	—	—	—	—						
36	38	99	47	17	19	77	19	—	—	—	—						
939	—	—	—	235	424	—	—	—	12.1	55.4	2.0						
—	—	—	—	—	—	—	—	—	—	—	—						
121	—	20	—	17	36	48	—	—	—	—	—						
362	21	119	28	83	111	—	—	—	—	—	—						
257	17	116	16	108	—	—	—	—	—	—	—						
83	—	25	—	37	21	—	—	—	—	—	—						

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College									
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more						
Total	95	98	90	56	39	41	—	—	—	—	—	—	—	—
Craftsmen and kindred workers—Continued	95	98	90	56	39	41	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics—Continued	98	90	81	35	9	81	—	—	—	—	—	—	—	—
Forgemen and hammermen	90	117	126	117	552	701	—	—	—	—	—	—	—	—
Heat treaters, annealers, and temperers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Job and die setters, metal	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Machinists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Machinist apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Millwrights	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Molders, metal	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Molder apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pattern and model makers, except paper	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rollers and finishers, metal	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sheetmetal apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shipfitters	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tool and die makers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tool and die maker apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Millers, grain, flour, and feed	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Motion picture projectionists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Morion picture projectionists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Opticians, and lens grinders and polishers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Piano and organ tuners and repairmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Power station operators	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bookbinders	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Compositors and typesetters	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Printing trades apprentices, except pressmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrotypers and stereotypers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Photoengravers and lithographers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pressmen and plate printers, printing	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pressman apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shoe repairmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sign painters and letterers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stone cutters and stone carvers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tailors	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Telephone installers and repairmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Telephone linemen and splicers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upholsterers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Former members of the Armed Forces	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers—allocated	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	601	132	55	732	216	859	208	383	23	473	11.1	39.0	0.5	
Asbestos and insulation workers	60	97	3	112	19	987	29	667	4	152	12.1	55.0	0.5	
Assemblers	22	—	—	—	—	—	—	—	—	—	—	—	—	—
Blasters and powdermen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chainmen, rodmen, and oxmen, surveying	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clothing ironers and pressers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cutting operatives, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drillers, earth	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dry wall installers and lathers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dyers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Garage workers and gas station attendants	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text

United States	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College			Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more			
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						5 or more
Female, 16 years old and over—Con.													
Operatives, except transport—Continued													
Graders and sorters, manufacturing	234	786	448	1 391	1 360	68	10.5	33.3	—	—	—	—	
Produce graders and packers, except factory and farm	143	274	182	646	458	32	10.2	28.2	—	—	—	—	
Laundry and drycleaning operatives, n.e.c.	1 539	5 375	4 431	12 257	7 704	677	10.1	26.4	16	—	—	0.3	
Meat cutters and butchers, except manufacturing	169	398	332	704	408	19	9.6	21.3	—	—	—	—	
Meat cutters and butchers, manufacturing	—	861	585	1 142	828	34	10.0	19.9	40	—	—	—	
Meat wrappers, retail trade	376	1 517	1 099	794	741	95	11.5	42.7	—	—	—	—	
Metalworking operatives, except precision machine	19 241	51 707	35 407	7 407	7 151	847	11.4	41.9	22	—	—	—	
Filers, polishers, sanders, and buffers	3 681	4 418	543	1 362	1 101	129	10.7	33.4	—	—	—	—	
Furnacemen, smelters, and pourers	445	77	86	161	88	10	9.7	22.0	—	—	—	—	
Hecters, metal	—	—	—	—	—	—	—	—	—	—	—	—	
Metal platers	264	31	—	20	106	107	11.3	39.4	22	—	—	—	
Punch and stamping press operatives	5 939	483	474	2 600	2 137	155	11.7	45.7	—	—	—	—	
Riveters and fasteners	1 121	38	92	463	454	184	11.9	49.3	—	—	—	—	
Solders	3 716	219	287	1 353	1 648	204	11.6	45.1	—	—	—	—	
Welders and flame-cutters	4 179	273	398	1 448	1 617	204	11.6	45.1	—	—	—	—	
Milliners	—	—	21	55	103	—	—	—	—	—	—	—	
Mine operatives, n.e.c.	513	200	65	95	107	24	8.5	25.5	—	—	—	—	
Mine operating machinery	93	47	28	60	107	—	—	—	—	—	—	—	
Coal mining	403	153	37	17	—	—	—	—	—	—	—	—	
Crude petroleum and natural gas extractions	—	—	—	—	—	—	—	—	—	—	—	—	
Mining and quarrying, except fuel	17	—	—	—	—	—	—	—	—	—	—	—	
Mixing operatives	876	114	87	326	278	16	10.8	35.6	—	—	—	—	
Oilers and greasers, except auto	257	63	46	44	104	—	—	—	—	—	—	—	
Packers and wrappers, except meat and produce	45 551	4 575	4 690	17 735	15 528	1 581	11.1	38.0	18	—	—	—	
Painters, manufactured articles	2 620	315	240	830	1 125	79	11.7	46.5	—	—	—	—	
Photographic process workers	2 550	43	109	778	1 244	340	12.2	62.1	—	—	—	—	
Precision machine operatives	3 559	163	393	1 381	1 381	142	11.4	42.8	—	—	—	—	
Drill press operatives	1 312	81	130	568	433	61	11.0	36.0	—	—	—	—	
Grinding machine operatives	806	26	87	337	267	23	11.0	61.5	—	—	—	—	
Lathe and mixing machine operatives	—	—	—	179	356	—	—	—	—	—	—	—	
Precision machine operatives, n.e.c.	862	16	132	314	325	58	11.5	44.4	—	—	—	—	
Sailors and deckhands	95	—	—	23	25	24	—	—	23	—	—	—	
Sawyers	1 094	192	109	395	285	21	10.2	28.0	—	—	—	—	
Seamstresses and stitchers	85 593	8 171	7 577	30 936	33 675	3 125	11.4	43.3	39	—	—	—	
Shoemaking machine operatives	1 895	42	174	738	780	23	11.5	43.2	—	—	—	—	
Stationary firemen	1 044	40	135	150	422	104	12.0	50.4	—	—	—	—	
Textile operatives	31 700	558	2 176	11 988	12 849	1 278	11.6	44.6	—	—	—	—	
Carding, lapping, and combing operatives	889	116	62	349	245	—	—	—	—	—	—	—	
Knitters, loopers, and tappers	1 882	22	93	835	733	109	11.6	44.7	—	—	—	—	
Spinners, twistlers, and winders	12 610	210	939	4 457	5 092	546	11.6	45.0	—	—	—	—	
Weavers	2 284	38	211	783	1 063	89	12.0	50.4	—	—	—	—	
Textile operatives, n.e.c.	14 055	172	940	5 564	5 716	534	11.6	44.5	—	—	—	—	
Winding operatives, n.e.c.	2 835	45	226	976	1 266	146	12.0	49.8	—	—	—	—	
Miscellaneous and not specified operatives	115 595	4 300	10 864	40 655	39 315	4 642	11.0	38.4	59	—	—	—	
Occupation:													
Machine operatives, miscellaneous specified	41 353	1 183	3 884	14 938	14 283	1 830	11.1	39.2	18	—	—	—	
Machine operatives, not specified	26 718	669	2 543	9 574	10 152	43	11.4	42.5	—	—	—	—	
Miscellaneous operatives	34 965	1 735	3 385	11 714	10 683	1 169	10.6	34.4	20	—	—	—	
Not specified operatives	12 559	713	1 052	4 429	4 197	482	11.0	38.1	86	—	—	—	

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Elementary		High school		College			5 or more	4	3				2	1
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4								
Total	96 930	11 891	34 094	4 148	220	59	11.1	39.7	0.3						
Manufacturing	44 142	3 071	17 997	2 198	102	59	11.7	46.1	0.4						
Durable goods	2 830	510	676	26	—	—	9.8	24.8	—						
Lumber and wood products, except furniture	3 069	421	940	22	—	—	10.4	31.3	—						
Furniture and fixtures	1 716	86	649	76	—	—	11.0	43.5	—						
Stone, clay, and glass products	837	—	227	—	—	—	11.2	42.4	—						
Glass and glass products	172	—	48	—	—	—	10.7	46.3	—						
Cement, concrete, gypsum, and plaster products	707	159	273	54	—	—	—	—	—						
Other stone, clay, and glass products	1 636	216	561	76	—	—	10.9	38.9	—						
Primary metal industries	524	121	226	44	—	—	12.0	51.5	—						
Blast furnaces, steelworks, and rolling and finishing mills	663	38	155	18	—	—	11.1	38.5	—						
Other primary iron and steel industries	3 858	341	1 209	190	—	—	11.0	36.3	—						
Fabricated metal industries, including not specified metal	640	17	246	38	—	—	11.5	43.0	—						
Cutlery, hand tools, and other hardware	307	39	104	24	—	—	—	—	—						
Fabricated structural metal products	944	80	350	58	—	—	11.4	43.2	—						
Screw machine products, & metal stamping	1 947	205	509	70	—	—	10.6	29.7	—						
Miscellaneous fabricated metal products and not specified metal	2 282	121	810	108	—	—	12.0	51.1	—						
Machinery, except electrical	76	—	56	—	—	—	—	—	—						
Farm machinery and equipment	110	21	32	22	—	—	11.3	41.3	—						
Construction & material handling machines	443	43	172	—	—	—	—	—	—						
Metalworking machinery	521	14	294	20	—	—	12.2	60.3	—						
Office and accounting machines, and electronic computing equipment	1 132	43	433	66	—	—	12.1	55.5	—						
Other machinery, except electrical	14 391	693	7 245	985	44	—	12.1	57.5	0.3						
Electrical machinery, equipment, and supplies	5 076	129	333	87	—	—	11.9	48.4	—						
Household appliances	7 325	398	1 519	449	44	—	12.2	61.7	—						
Radio, T.V., and communication equipment	964	—	2 509	346	—	—	12.1	55.2	0.6						
Electrical machinery, equipment, and supplies, n.e.c.	3 532	190	309	103	—	—	12.2	62.8	—						
Not specified electrical machinery, equipment, and supplies	2 162	116	1 298	267	42	—	12.0	50.2	1.2						
Transportation equipment	1 038	58	307	81	21	—	12.2	49.6	1.0						
Motor vehicles & motor vehicle equipment	332	16	158	20	—	—	—	57.6	2.0						
Aircraft and parts	1 801	33	547	110	—	—	—	—	—						
Other transportation equipment	1 060	33	349	92	—	—	12.1	54.0	—						
Professional and photographic equipment, and watches	1 533	68	692	96	—	—	12.0	57.9	—						
Professional equipment and supplies	7 367	859	2 575	242	16	38	11.1	51.4	0.7						
Ordnance	127	—	64	—	—	—	—	—	—						
Miscellaneous manufacturing industries	51 456	7 932	19 010	1 866	118	—	10.7	34.3	0.2						
Durable goods—allocated	16 272	3 798	6 087	246	38	—	9.7	21.7	0.2						
Nondurable goods	6 007	1 298	2 451	92	22	—	9.8	19.6	0.4						
Food and kindred products	237	87	47	—	—	—	—	—	—						
Meat products	6 662	2 039	2 322	58	—	—	9.1	16.8	—						
Dairy products	1 038	96	366	23	—	—	11.9	48.8	—						
Canning and preserving fruits, vegetables, and seafoods	217	—	90	—	—	—	—	—	—						
Bakery products	2 111	187	811	51	—	—	10.4	29.0	—						
Beverage industries															
Other food and kindred products															

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text¹

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College			5 or more					
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
Total	258	760	280	979	604	84	62	35	231	9.6	23.2	0.6	
2 965	1 487	1 185	302	95	326	431	2 016	2 016	2 016	11.2	38.8	—	
10 808	244	1 487	1 185	302	95	326	431	2 016	2 016	11.2	38.8	—	
8 584	186	1 185	302	95	326	431	2 016	2 016	2 016	11.2	38.8	—	
2 224	58	302	95	326	431	2 016	2 016	2 016	2 016	11.2	38.8	—	
4 685	95	326	431	2 016	2 016	2 016	2 016	2 016	2 016	11.2	38.8	—	
6 335	—	19	50	269	238	59	11.8	—	—	—	—	—	
1 586	50	145	92	627	626	46	11.4	—	—	—	—	—	
2 464	45	162	289	1 200	722	126	34.4	—	—	—	—	—	
3 247	—	201	286	1 309	1 164	269	11.6	—	—	—	—	—	
3 190	—	182	286	1 309	1 164	269	11.6	—	—	—	—	—	
3 876	76	269	187	1 258	1 787	187	12.0	—	—	—	—	—	
3 349	23	15	91	166	195	—	—	—	—	—	—	—	
1 007	22	77	72	320	492	24	12.0	—	—	—	—	—	
2 142	31	177	192	681	938	123	12.0	—	—	—	—	—	
139	16	23	—	—	75	25	—	—	—	—	—	—	
6 758	79	786	712	2 243	2 516	422	11.4	—	—	—	—	—	
1 912	18	112	179	604	883	116	12.0	—	—	—	—	—	
4 846	61	674	533	1 639	1 633	306	11.1	—	—	—	—	—	
2 464	96	282	232	880	917	57	11.1	—	—	—	—	—	
228	23	56	24	68	57	—	—	—	—	—	—	—	
598	228	228	24	68	57	—	—	—	—	—	—	—	
1 638	73	185	131	196	258	26	11.8	—	—	—	—	—	
242	—	—	—	136	616	31	11.1	—	—	—	—	—	
1 332	87	174	—	531	456	84	11.3	—	—	—	—	—	
18 665	1 166	3 524	1 904	6 231	5 221	494	10.3	—	—	—	—	—	
110	—	—	—	66	44	—	—	—	—	—	—	—	
57	—	20	—	19	—	18	—	—	—	—	—	—	
376	12	65	20	63	216	—	—	—	—	—	—	—	
237	21	18	—	34	128	—	—	—	—	—	—	—	
6 627	602	1 366	738	2 141	1 637	97	9.9	—	—	—	—	—	
3 305	107	543	194	1 186	1 173	23	11.0	—	—	—	—	—	
810	63	60	25	311	351	—	—	—	—	—	—	—	
1 262	40	123	87	522	454	36	11.2	—	—	—	—	—	
5 881	321	1 329	840	1 889	1 218	264	9.7	—	—	—	—	—	
66 651	7 408	8 520	6 055	24 382	17 908	1 513	10.4	—	—	—	—	—	
13 606	1 009	2 023	1 539	4 760	3 813	420	10.4	—	—	—	—	—	
58	—	58	—	—	—	—	—	—	—	—	—	—	
3 932	80	509	383	1 756	1 127	54	10.7	—	—	—	—	—	
126	—	—	—	88	38	—	—	—	—	—	—	—	
1 617	73	201	240	366	649	88	11.4	—	—	—	—	—	
606	89	123	69	159	166	—	—	—	—	—	—	—	
49	—	30	—	19	—	—	—	—	—	—	—	—	
184	—	24	—	93	67	—	—	—	—	—	—	—	
157	35	34	—	72	16	—	—	—	—	—	—	—	
90	—	23	—	67	—	—	—	—	—	—	—	—	
1 988	48	217	357	763	495	108	10.5	—	—	—	—	—	
3 492	533	728	466	842	819	104	9.1	—	—	—	—	—	
874	59	172	172	237	164	60	9.3	—	—	—	—	—	
1 307	151	76	24	602	369	66	11.0	—	—	—	—	—	

¹Includes transportation, communications, and other public utilities—allocated.

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College								
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	1 to 3	4	5 or more			
Total	3 969	8 351	4 744	18 828	16 713	2 205	270	102	10.7	35.0	0.7		
Female, 16 years old and over—Con.													
Occupation													
Industry													
Laborers, except farm	55 182	643	104	385	94	—	—	—	10.2	14.6	—		
Animal caretakers, except farm	—	60	—	21	23	—	—	—	—	—	—		
Carpenters' helpers	—	36	21	90	16	—	—	—	—	—	—		
Construction laborers, except carpenters' helpers	2 824	1 866	275	975	514	41	15	16	9.5	20.8	1.1		
Fishermen and oystermen	—	51	—	93	—	—	—	—	—	—	—		
Freight and material handlers	9 290	1 232	650	2 982	3 484	—	—	—	11.3	42.9	—		
Garbage collectors	314	76	22	138	21	24	19	—	—	—	—		
Gardeners and groundskeepers, except farm	2 000	508	141	474	309	—	—	—	7.6	15.5	—		
Longshoremen and stevedores	318	44	17	123	90	—	—	—	—	—	—		
Lumbermen, raftermen, and woodchoppers	13 825	1 136	1 143	4 694	5 586	—	—	—	11.8	47.7	4.6		
Teamsters	21	—	—	21	—	—	—	—	—	—	—		
Vehicle washers and equipment cleaners	4 118	657	479	1 717	804	177	—	—	10.1	23.8	—		
Warehousemen, n.e.c.	648	27	40	166	325	72	—	—	12.2	61.3	—		
Miscellaneous and not specified laborers	14 325	2 870	1 303	4 685	3 722	417	44	75	10.1	29.7	0.8		
Occupation													
Miscellaneous laborers	3 452	606	323	1 238	901	107	21	22	10.4	30.4	1.2		
Not specified laborers	10 873	2 264	980	3 447	2 821	310	23	53	10.1	29.5	0.7		
Industry													
Manufacturing	7 402	1 335	603	2 444	2 317	185	21	53	10.6	34.8	1.0		
Durable goods	3 496	427	224	1 209	1 254	145	21	28	11.3	41.4	1.4		
Lumber and wood products, except furniture	572	202	64	1 209	68	64	—	28	8.7	28.0	4.9		
Furniture and fixtures	317	63	—	134	120	—	—	—	—	—	—		
Stone, clay, and glass products	181	14	—	—	148	19	—	—	—	—	—		
Cement, concrete, gypsum, and plaster products	15	—	—	—	15	—	—	—	—	—	—		
Structural clay products	69	14	—	—	55	—	—	—	—	—	—		
Other stone, clay, and glass products	97	—	—	—	78	19	—	—	—	—	—		
Primary metal industries	529	96	59	159	153	—	—	—	9.9	28.9	—		
Blast furnaces, steel works, and rolling and finishing mills	295	37	42	56	140	—	—	—	—	—	—		
Other primary iron and steel industries	77	35	17	17	—	—	—	—	—	—	—		
Primary nonferrous industries	157	41	17	86	13	—	—	—	—	—	—		
Fabricated metal industries, including not specified metal	330	—	31	155	144	—	—	—	—	—	—		
Fabricated structural metal products	108	—	31	19	58	—	—	—	—	—	—		
Machinery, except electrical	148	19	—	104	25	—	—	—	11.9	48.1	—		
Electrical machinery, equipment, and supplies	464	—	28	213	209	14	—	—	—	—	—		
Transportation equipment	326	12	23	100	154	—	—	—	—	—	—		
Motor vehicles & motor vehicle equipment	193	18	23	93	93	—	—	—	—	—	—		
Ship and boat building and repairing	53	—	—	37	16	—	—	—	—	—	—		
Other transportation equipment	80	19	—	16	45	—	—	—	—	—	—		
Professional and photographic equipment, and watches	39	—	—	—	39	—	—	—	—	—	—		
Ordnance	311	21	19	136	106	27	21	—	—	—	—		
Miscellaneous manufacturing industries	244	—	—	110	72	21	—	—	—	—	—		
Manufacturing, durable goods—allocated	35	—	—	19	16	—	—	—	—	—	—		
Nonmanufacturing	3 765	869	379	1 184	1 003	40	—	25	9.9	28.4	0.7		
Food and kindred products	1 423	495	158	384	247	—	—	—	8.5	17.4	—		
Meat products	558	187	25	249	56	—	—	—	9.3	10.0	—		
Dairy products	—	—	—	—	—	—	—	—	—	—	—		
Canning and preserving fruits, vegetables, and seafoods	—	—	—	—	—	—	—	—	—	—	—		
Grain-mill products	532	217	51	103	119	—	—	—	8.1	—	—		
Beverage industries	85	28	—	—	57	—	—	—	—	—	—		
Other food and kindred products	228	63	82	12	15	—	—	—	—	—	—		

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Years of school completed										Percent completed 4 years of college or more	
	Elementary		High school		College		Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more			
	Less than 5	5 to 7	8	1 to 3	4	1 to 3				4		5 or more
Total												
Female, 16 years old and over—Con.												
Laborers, except farm—Continued												
Miscellaneous and not specified laborers—Continued												
Industry—Continued												
Manufacturing—Continued												
Nonferrous metal products—Continued												
Tobacco manufactures	398	127	44	72	55	—	—	—	—	—	—	—
Textile mill products	515	69	33	228	185	—	—	—	—	—	—	—
Yarn, thread, and fabric mills	413	69	21	164	159	—	—	—	—	—	—	—
Other textile mill products	102	—	12	64	26	—	—	—	—	—	—	—
Apparel and other fabricated textile products	381	108	—	115	122	—	—	—	—	—	—	—
Paper and allied products	191	—	28	81	69	—	—	—	—	—	—	—
Pulp, paper, and paperboard mills	101	—	28	25	35	—	—	—	—	—	—	—
Other paper and allied products	90	—	—	56	34	—	—	—	—	—	—	—
Printing, publishing, and allied industries	211	—	22	54	135	—	—	—	—	—	—	—
Chemicals and allied products	288	40	—	101	147	—	—	—	—	—	—	—
Petroleum and coal products	12	—	—	12	—	—	—	—	—	—	—	—
Rubber and miscellaneous plastic products	205	30	—	73	43	—	—	—	—	—	—	—
Leather and leather products	99	—	35	64	—	—	—	—	—	—	—	—
Nonferrous metal products—allocated	42	21	—	21	—	—	—	—	—	—	—	—
Nonferrous metal products—allocated	141	39	—	21	60	—	—	—	—	—	—	—
Not specified manufacturing industries	6 923	1 535	700	2 241	1 405	232	23	22	24.3	9.6	24.3	0.7
Nonmanufacturing industries	209	43	36	89	27	—	—	—	—	—	—	—
Railroads and railway express service	262	—	—	93	76	30	—	—	—	—	—	—
Transportation, except railroads	284	58	32	52	61	25	—	—	—	—	—	—
Comm., and utilities and sanitary services	49	—	—	25	24	—	—	—	—	—	—	—
Transportation, communications, and other public utilities—allocated	1 041	352	164	273	162	43	—	—	—	—	—	—
Wholesale trade	1 111	145	127	395	191	42	—	—	—	—	—	—
Retail trade	605	188	74	178	101	18	—	—	—	—	—	—
Business and repair services	1 045	273	108	294	179	23	—	—	—	—	—	—
Personal services	653	130	83	153	84	—	—	—	—	—	—	—
Private households	447	39	33	145	171	—	—	—	—	—	—	—
Public administration	1 870	422	103	697	413	74	—	—	—	—	—	—
All other industries	6 087	1 084	549	2 100	1 723	33	89	11	30.5	10.3	30.5	1.6
Laborers, except farm—allocated	5 250	1 276	603	1 314	986	199	73	45	24.8	9.0	24.8	2.2
Farmers and farm managers	2 266	845	326	418	179	68	—	—	11.9	7.6	11.9	1.0
Farm owners and tenants	140	33	—	47	—	16	—	—	—	—	—	—
Farmers and farm managers—allocated	2 844	387	277	849	807	115	51	45	35.8	10.6	35.8	3.4
Farm laborers and farm foremen	44 901	12 539	5 719	12 535	4 861	541	123	133	12.6	8.3	12.6	0.6
Farm foremen	457	88	86	91	69	24	—	—	20.4	8.5	20.4	0.2
Farm laborers, wage workers	34 348	6 278	4 568	9 591	3 069	255	19	48	9.9	8.1	9.9	0.2
Farm laborers, unpaid family workers	1 445	133	137	443	181	—	—	—	12.5	8.3	12.5	—
Farm laborers, self-employed	1 107	46	—	61	—	—	—	—	—	—	—	—
Farm laborers and farm foremen—allocated	8 544	1 951	928	2 349	1 542	262	104	85	23.3	9.1	23.3	2.2
Service workers, except private household	906 454	44 097	115 822	328 603	273 496	3 991	47 216	1 429	36.0	10.8	36.0	0.6
Cleaning services workers	219 125	15 575	31 147	81 910	40 670	269	4 280	149	20.7	9.6	20.7	0.2
Chambermaids and maids, except private household	80 953	6 565	17 449	30 498	13 935	64	1 323	47	19.0	9.5	19.0	0.1
Cleaners and charwomen	96 866	6 670	20 466	36 070	17 465	124	1 822	43	20.1	9.6	20.1	0.2
Janitors and sextons	41 306	2 340	5 869	15 342	9 270	81	1 135	59	25.5	10.0	25.5	0.3
Food service workers	250 617	11 334	35 402	100 319	65 358	454	8 428	327	29.8	10.5	29.8	0.3
Bartenders	1 429	85	82	563	490	124	—	—	43.0	11.5	43.0	—
Busboys	3 936	188	250	1 698	1 155	—	—	—	35.2	11.0	35.2	—
Cooks, except private household	118 052	6 125	21 183	46 870	24 742	124	2 971	217	23.8	10.0	23.8	0.3
Dishwashers	14 205	1 665	1 531	5 244	2 420	18	226	68	19.2	9.5	19.2	0.6
Food counter and fountain workers	12 173	1 059	1 107	4 922	3 983	56	581	—	38.0	11.1	38.0	0.5

Table 6. Years of School Completed by Negroes in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College		5 or more	4	3	1 to 3				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3								4
Total														
Female, 16 years old and over—Con.														
Service workers, except private household—Con.														
Food service workers—Continued														
Waiters	1 140	3 738	4 406	21 460	18 867	2 632	154	42	2 632	1 739	102	11.4	41.4	0.4
Food service workers, n.e.c., except private household	1 666	6 054	5 634	19 562	13 626	1 739	102	—	1 739	—	—	10.7	32.0	0.2
Health service workers	3 484	13 489	14 540	77 377	103 701	22 243	949	139	22 243	949	139	12.1	53.8	0.5
Dental assistants	3 100	130	64	77 377	103 701	22 243	949	139	22 243	949	139	12.1	53.8	0.5
Health aides, except nursing	32	633	130	77 377	103 701	22 243	949	139	22 243	949	139	12.1	53.8	0.5
Health trainees	345	1 293	1 254	7 462	7 967	1 659	180	52	1 659	180	52	11.9	48.8	1.1
Lay midwives	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nursing aides, orderlies, and attendants	2 732	10 956	11 513	58 114	66 761	10 110	461	—	10 110	461	—	11.8	48.1	2.9
Practical nurses	50 328	1 094	1 681	10 928	26 678	9 227	280	65	9 227	280	65	12.4	72.0	0.7
Personal service workers	1 856	6 481	7 616	28 495	32 952	7 787	116	163	7 787	116	163	11.9	48.6	1.5
Airline stewardesses	939	21	—	51	265	469	113	20	469	113	20	13.8	92.3	14.2
Attendants, recreation and amusement	1 776	125	89	883	1 482	1 60	21	—	1 482	160	—	11.2	37.3	1.0
Attendants, personal service, n.e.c.	6 276	584	627	2 127	2 026	648	64	—	2 026	648	64	11.4	43.6	1.2
Baggage porters and bellhops	132	—	—	94	—	—	—	—	—	—	—	—	—	—
Barbers	2 113	117	201	534	952	22	31	28	952	250	31	12.2	59.7	2.8
Boarding and lodging house keepers	500	65	102	136	138	39	20	—	138	39	20	10.8	39.4	4.0
Boothblacks	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Child care workers, except private household	19 016	2 032	1 910	6 163	6 129	1 720	170	21	6 129	1 720	21	11.3	42.3	1.0
Elevator operators	4 536	53	404	1 770	1 623	68	21	—	1 623	68	21	11.1	37.7	0.5
Hairdressers and cosmetologists	34 404	302	2 549	11 303	15 636	2 720	256	—	15 636	2 720	256	12.1	54.1	0.7
Personal service apprentices	46	—	—	—	—	—	—	—	—	—	—	—	—	—
Housekeepers, except private household	9 834	1 112	1 189	3 110	2 862	917	224	57	2 862	917	57	11.2	41.3	2.9
School monitors	1 940	130	93	619	756	216	93	—	756	216	93	12.1	54.9	4.8
Ushers, recreation and amusement	220	19	26	44	40	71	20	—	40	71	20	—	—	—
Welfare service aides	4 730	18	217	1 628	2 026	487	83	37	2 026	487	83	12.1	55.7	2.5
Protective service workers	8 106	40	392	2 652	3 502	1 077	135	—	3 502	1 077	135	12.2	56.2	1.7
Crossing guards and bridge tenders	3 545	20	303	1 304	1 592	245	—	—	1 592	245	—	12.0	51.8	—
Firemen, fire protection	90	—	11	38	—	20	21	—	—	20	21	—	—	—
Guards and watchmen	2 529	—	78	856	987	395	29	—	987	395	29	12.1	55.8	1.1
Morshals and constables	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Police officers and detectives	1 787	43	—	432	872	335	85	—	872	335	85	12.5	72.3	4.8
Public	1 407	20	—	260	778	249	85	—	778	249	85	12.5	79.0	6.0
Private	380	20	—	172	86	94	—	—	86	94	—	—	—	—
Sheriffs and bailiffs	155	—	—	22	51	82	—	—	51	82	—	—	—	—
Service workers, except private household—allocated	106 218	11 808	9 110	37 850	27 313	3 401	1 068	651	27 313	3 401	1 068	10.4	30.5	1.6
Private household workers	626 465	173 959	92 053	174 748	82 376	8 513	1 261	560	82 376	8 513	1 261	8.5	14.8	0.3
Occupation:														
Child care workers, private household	30 459	5 984	4 274	10 576	5 561	648	100	31	5 561	648	100	9.5	20.8	0.4
Cooks, private household	20 190	3 209	2 992	5 583	5 583	507	33	17	5 583	507	33	8.4	13.4	0.2
Housekeepers, private household	40 967	5 095	6 181	12 172	5 476	895	16	72	5 476	895	16	8.7	15.8	0.2
Laundresses, private household	4 385	1 149	833	1 102	451	72	—	—	451	72	—	8.3	11.9	—
Maids and servants, private household	443 305	59 909	65 822	128 705	56 532	5 814	900	350	56 532	5 814	900	8.6	14.3	0.3
Private household workers—allocated	87 159	20 719	11 951	16 610	12 207	212	212	90	12 207	212	90	7.8	15.0	0.3
Living in														
Housekeepers, private household	16 853	2 606	2 832	3 190	2 775	353	24	45	2 775	353	24	8.3	19.0	0.4
Maids and servants, private household	3 276	433	606	766	593	25	—	—	593	25	—	8.6	18.9	—
Living out	11 172	2 033	1 629	1 928	1 629	202	24	27	1 629	202	24	8.0	18.5	0.5
Unemployed persons, last worked 1959 or earlier	609 613	90 389	89 221	171 558	79 601	8 160	1 237	515	79 601	8 160	1 237	8.5	14.7	0.3
	9 057	1 173	1 190	2 803	1 668	276	106	77	1 668	276	106	9.4	23.5	2.0

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed						Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3				4	5 or more
Male, 16 years old and over—Con.									
Professional, technical, and kindred workers—Con.									
Teachers, except college and university—Continued									
Secondary school									
Public	42	60	21	120	195	357	2 975	4 477	97.1
Private	17	21	21	102	195	315	2 409	3 700	97.6
Teachers, except college and university, n.e.c.	25	39	96	18	222	42	566	777	94.4
Engineering and science technicians	75	540	508	2 070	8 125	7 734	948	1 343	85.0
Agriculture and biological, except health	17	51	63	90	188	204	17	66	75.0
Chemical	1 219	116	63	110	417	314	81	118	16.3
Draftsmen	9 311	60	98	642	3 515	524	524	13.3	13.8
Electrical and electronic engineering	4 119	64	95	450	1 710	1 526	94	180	6.7
Industrial engineering	377	—	22	76	83	146	22	28	—
Mechanical engineering	155	—	—	—	46	109	—	—	—
Mathematical	32	—	—	—	16	—	—	—	—
Surveyors	1 594	46	63	193	753	443	38	19	3.6
Engineering and science, n.e.c.	3 903	187	167	509	1 397	1 296	172	175	8.9
Technicians, except health, and engineering and science	2 799	102	161	197	1 061	911	225	117	12.2
Airplane pilots	545	—	—	—	125	240	121	59	33.0
Air traffic controllers	442	24	36	46	202	111	23	—	5.2
Embalmers	53	—	—	—	—	53	—	—	—
Flight engineers	91	—	—	—	51	19	21	17	—
Radio operators	543	—	—	107	139	123	19	—	6.6
Tool programmers, numerical control	38	—	—	—	18	20	—	—	—
Technicians, n.e.c.	1 087	—	65	44	526	345	41	41	7.5
Vocational and educational counselors	1 415	—	—	69	279	143	244	680	65.3
Writers, artists, and entertainers	15 668	458	751	2 110	4 324	3 973	1 705	1 522	20.6
Actors	303	25	94	38	91	110	23	16	—
Athletes and kindred workers	1 111	43	19	151	445	161	66	20	5.9
Aurors	253	—	—	—	—	148	—	—	—
Dancers	157	—	—	—	—	66	—	—	—
Designers	2 272	41	65	243	729	25	—	—	29.4
Editors and reporters	1 362	44	65	526	235	375	335	317	44.7
Musicians and composers	2 946	270	276	640	542	115	115	7.7	51.8
Painters and sculptors	2 132	22	39	237	577	608	404	227	29.3
Photographers	1 897	77	134	389	694	430	106	67	9.1
Public relations men and publicity writers	1 012	—	—	80	298	292	163	158	31.7
Radio and television announcers	309	—	—	24	148	94	21	—	—
Writers, artists, and entertainers, n.e.c.	1 874	101	59	215	448	459	221	222	23.6
Research workers, not specified	1 534	24	20	37	232	200	208	813	66.6
Professional, technical, and kindred workers—allocated	6 878	432	135	1 206	1 020	2 144	615	1 140	25.5
Managers and administrators, except farm	102 114	5 346	7 322	16 745	31 077	19 766	7 160	6 631	13.5
Assessors, controllers, and treasurers; local public administration	245	—	—	60	80	105	—	—	—
Bank officers and financial managers	4 555	58	64	361	1 459	1 441	581	591	25.7
Buyers and shippers, farm products	312	17	84	41	41	42	—	—	—
Buyers, wholesale and retail trade	2 249	62	169	421	799	381	94	76	7.6
Credit men	1 079	40	38	183	288	373	131	26	14.6
Funeral directors	372	—	—	46	127	145	35	—	—
Health administrators	547	—	30	51	102	62	70	232	55.2
Construction inspectors, public administration	357	—	—	95	119	143	—	—	—
Inspectors, except construction; public administration	1 925	18	106	302	790	277	178	156	17.4
Federal public administration and postal service	1 442	18	106	262	584	156	154	64	15.1
State public administration	179	—	—	44	44	57	24	54	—
Local public administration	304	—	—	40	162	64	—	38	—
Managers and superintendents, building	2 161	349	167	425	478	258	81	63	6.8
Office managers, n.e.c.	2 161	23	64	83	833	726	316	94	19.0
Officers, pilots, and pursers, ship	398	13	85	116	60	39	—	—	—

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed							Percent completed 4 years of high school or more	Median school years completed	Percent completed 4 years of college or more
	Elementary		High school		College					
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4				5 or more
Total	78 171	6 094	5 142	17 395	25 253	15 150	3 497	2 047	12.3	58.8
Advertising agents and salesmen	539	—	—	—	188	84	142	64	13.7	88.7
Auctioneers	42	—	21	—	45	—	—	—	—	—
Demonstrators	127	19	73	233	286	92	17	45	11.3	44.9
Hucksters and peddlers	1 002	156	126	867	2 700	2 276	689	432	12.9	84.0
Insurance agents, brokers, and underwriters	7 262	47	147	89	89	51	—	—	10.2	11.8
Newsboys	1 183	102	147	320	823	952	248	93	13.0	81.0
Real estate agents and brokers	2 613	78	26	320	823	202	193	117	13.8	34.1
Stock and bond salesmen	910	43	21	—	334	—	—	—	—	93.0
Salesmen and sales clerks, n.e.c.	60 086	4 979	4 347	14 122	20 040	10 953	2 004	1 237	12.2	57.0
Sales representatives, manufacturing industries	6 093	285	211	856	2 232	1 375	695	312	12.7	75.7
Sales representatives, wholesale trade	10 350	674	398	2 292	3 724	1 949	512	236	12.3	62.0
Sales clerks, retail trade	30 237	2 725	2 448	8 162	9 479	4 965	490	337	12.0	50.5
General merchandise stores	6 270	174	262	1 434	2 506	1 383	114	43	12.4	64.5
Food stores	6 470	781	907	1 665	2 032	1 054	42	—	9.9	32.0
Apparel and accessories stores	6 032	297	403	1 967	2 032	1 054	59	43	12.1	52.9
Other sales clerks, retail trade	11 465	499	876	3 096	3 515	1 926	275	251	12.1	52.0
Salesmen, retail trade	10 322	1 051	932	2 108	3 777	1 857	209	102	12.2	58.6
Motor vehicles and accessories dealers	5 338	96	421	1 058	2 081	956	151	102	12.3	47.7
Salesmen of services and construction	3 084	244	191	704	828	807	98	146	12.4	60.9
Sales workers—allocated	4 407	592	381	1 042	738	516	204	59	10.0	34.4
Clerical and kindred workers	146 493	4 116	9 000	32 427	55 500	28 838	4 385	2 926	12.3	62.6
Bank tellers	1 530	20	22	127	895	385	33	70	12.7	90.4
Billing clerks	661	—	—	145	229	265	—	—	12.6	74.7
Bookkeepers	11 531	343	242	1 501	4 159	3 539	858	741	12.8	80.6
Cashiers	7 309	499	438	2 232	2 478	1 241	123	43	12.1	53.2
Clerical assistants, social welfare	20	—	—	—	20	—	—	—	—	—
Clerical supervisors, n.e.c.	1 285	—	125	78	417	530	97	38	13.1	84.2
Collectors, bill and account	988	84	20	143	363	261	79	20	12.6	73.2
Counter clerks, except food	2 699	226	154	499	1 004	612	103	19	12.4	64.4
Dispatchers and starters, vehicle	1 116	22	153	294	381	206	20	—	12.1	54.4
Enumerators and interviewers	652	19	—	83	209	265	35	41	13.2	84.4
Estimators and investigators, n.e.c.	3 409	50	160	353	1 151	1 171	296	228	13.0	83.5
Expeditors and production controllers	4 169	238	199	748	1 689	1 004	172	61	12.5	70.2
File clerks	3 925	45	139	986	1 827	788	82	18	12.4	69.2
Insurance adjusters, examiners, and investigators	940	—	—	83	217	394	139	86	14.1	88.9
Library attendants and assistants	910	—	50	144	281	334	19	82	12.9	78.7
Mail carriers, post office	6 771	137	238	1 405	3 773	1 032	78	—	12.4	72.1
Mail handlers, except post office	3 678	187	339	901	1 492	539	68	—	12.2	57.6
Messengers, including telegraph, and office boys	2 783	86	226	1 045	586	468	21	43	11.2	40.2
Meter readers, utilities	1 364	131	137	245	585	133	21	—	12.1	54.2
Office machine operators	8 031	190	217	1 070	3 809	2 422	211	86	12.7	81.3
Bookkeeping and billing machine	335	—	—	47	119	169	—	—	—	—
Calculating machine	295	—	—	80	173	80	22	—	—	—
Computer and peripheral equipment	4 154	44	108	364	2 153	1 331	84	70	12.7	87.6
Duplicating machine	554	67	16	117	218	70	40	—	12.2	59.2
Keypunch	1 458	18	43	299	656	403	23	16	12.6	75.3
Tabulating machine	363	—	—	36	175	133	19	—	—	—
Office machine, n.e.c.	872	61	50	187	315	236	97	25	12.4	65.8
Payroll and timekeeping clerks	1 167	15	64	197	435	334	23	25	12.7	76.3
Postal clerks	7 601	22	265	1 695	3 884	1 437	182	53	12.5	73.1
Proofreaders	144	—	—	—	62	28	54	—	—	—
Real estate appraisers	226	—	—	114	174	71	22	19	—	—
Receptionists	734	40	55	239	159	225	16	—	12.2	54.5

Male, 16 years old and over—Con.

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
		Elementary		High school				College								
		Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more							
Clerical and kindred workers—Continued																
Secretaries, legal	1 584	23	67	156	272	693	305	68	—	—	—	—	—	—	—	4.3
Secretaries, medical	95	—	—	—	19	76	—	—	—	—	—	—	—	—	—	—
Shipping and receiving clerks	23 744	1 028	3 104	2 721	7 013	7 285	2 290	169	134	—	—	—	—	—	—	1.3
Statistical clerks	2 992	69	208	159	557	1 075	667	130	127	—	—	—	—	—	—	8.6
Stenographers	172	—	—	—	—	130	20	—	—	—	—	—	—	—	—	—
Stock clerks and storekeepers	15 741	621	1 656	1 155	4 368	5 653	1 951	163	174	—	—	—	—	—	—	2.1
Teacher aides, except school monitors	851	41	—	39	227	127	350	67	—	—	—	—	—	—	—	7.9
Telegraph operators	156	—	—	27	20	109	—	—	—	—	—	—	—	—	—	—
Telephone operators	640	—	—	22	176	233	190	—	—	—	—	—	—	—	—	3.0
Ticket, station, and express agents	2 491	42	93	83	136	1 134	767	137	99	—	—	—	—	—	—	9.5
Typists	3 486	190	190	151	607	774	111	63	82	—	—	—	—	—	—	4.2
Weighers	1 062	75	—	221	273	219	111	—	—	—	—	—	—	—	—	6.7
Miscellaneous and not specified clerical workers	12 922	386	555	559	2 599	5 183	2 768	418	454	—	—	—	—	—	—	6.7
Occupation:																
Miscellaneous clerical workers	4 993	185	142	266	1 036	1 999	1 077	101	187	—	—	—	—	—	—	5.8
Not specified clerical workers	7 929	201	413	293	1 563	3 184	1 691	317	267	—	—	—	—	—	—	7.4
Industry:																
Manufacturing	2 626	106	199	157	569	993	373	109	120	—	—	—	—	—	—	8.7
Transportation, communications, and other public utilities	1 644	37	25	98	332	699	408	42	23	—	—	—	—	—	—	3.9
Wholesale and retail trade	2 340	145	186	109	625	806	403	43	23	—	—	—	—	—	—	2.8
Finance, insurance, and real estate	2 192	20	61	54	195	1 188	565	22	87	—	—	—	—	—	—	5.0
Professional and related services	1 175	20	18	—	275	294	272	164	109	—	—	—	—	—	—	23.2
Public administration	1 700	43	—	85	327	699	459	38	92	—	—	—	—	—	—	7.6
All other industries	1 225	35	66	56	276	504	288	—	—	—	—	—	—	—	—	6.9
Clerical and kindred workers—allocated	7 009	726	612	444	1 979	1 785	977	344	142	—	—	—	—	—	—	6.9
Craftsmen and kindred workers																
Automobile accessories installers	401 440	42 444	65 579	48 839	98 952	111 494	29 063	3 223	1 846	—	—	—	—	—	—	1.3
Bakers	427	18	45	25	128	125	68	18	—	—	—	—	—	—	—	4.2
Cabinetmakers	6 894	1 180	863	953	1 465	1 035	265	77	36	—	—	—	—	—	—	1.6
Carpet installers	4 212	451	451	554	1 116	906	295	27	—	—	—	—	—	—	—	0.6
Construction craftsmen	2 885	123	502	247	1 070	890	53	—	—	—	—	—	—	—	—	0.8
Brickmasons and stonemasons	118 567	17 929	24 093	15 584	28 394	25 801	5 775	576	415	—	—	—	—	—	—	0.3
Brickmasons and stonemasons, apprentices	7 030	1 532	1 464	813	1 777	1 281	141	—	—	—	—	—	—	—	—	0.3
Bulldozer operators	4 107	1 034	1 053	684	816	414	106	—	—	—	—	—	—	—	—	1.1
Carpenters	33 952	5 510	7 598	4 374	7 252	7 273	1 569	155	221	—	—	—	—	—	—	1.1
Carpenter apprentices	360	22	32	—	41	158	107	—	—	—	—	—	—	—	—	—
Cement and concrete finishers	7 695	2 008	1 976	1 180	1 558	1 775	177	41	—	—	—	—	—	—	—	0.5
Electricians	13 901	399	1 182	1 293	3 316	5 800	1 658	171	82	—	—	—	—	—	—	1.8
Electrician apprentices	876	24	38	49	151	530	84	—	—	—	—	—	—	—	—	—
Excavating, grading, and road machine operators, except bulldozer	9 030	1 291	2 229	980	2 810	1 447	245	28	—	—	—	—	—	—	—	0.3
Floor layers, except tile setters	1 067	157	150	182	311	219	26	—	—	—	—	—	—	—	—	2.1
Painters, construction and maintenance	20 022	3 000	4 571	3 340	4 917	3 201	865	80	48	—	—	—	—	—	—	0.6
Painter apprentices	71	—	26	19	—	—	26	—	—	—	—	—	—	—	—	—
Paperhangers	210	44	55	35	37	39	—	—	—	—	—	—	—	—	—	—
Plasterers	2 111	296	577	422	514	241	40	—	—	—	—	—	—	—	—	1.0
Plasterer apprentices	23	—	—	—	23	—	—	—	—	—	—	—	—	—	—	—
Plumbers and pipe fitters	11 958	1 686	1 686	1 262	2 947	3 630	647	79	21	—	—	—	—	—	—	0.8
Plumber and pipe fitter apprentices	504	—	—	17	77	258	107	—	—	—	—	—	—	—	—	—
Roofers and slaters	3 389	572	851	544	885	448	89	—	—	—	—	—	—	—	—	15.8
Structural metal craftsmen	2 134	244	151	292	641	660	146	—	—	—	—	—	—	—	—	37.8
Tile setters	1 981	156	550	183	613	393	66	—	—	—	—	—	—	—	—	9.4

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College		Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3				4			5 or more
United States													
Male, 16 years old and over—Con.													
Craftsmen and kindred workers—Continued													
Metal craftsmen, except mechanics—Continued	495	37	152	19	119	18	9.8	27.7	—	—	—	—	—
Forgemien and hammermen	944	126	147	180	238	36	9.3	29.0	—	—	—	—	—
Heat treaters, annealers, and temperers	2 820	212	374	430	595	821	10.4	34.9	—	—	—	—	—
Job and die setters, metal	14 054	867	1 549	1 698	5 076	82	11.4	45.3	—	—	—	—	—
Mechanists	1 278	21	22	23	82	108	—	—	—	—	—	—	—
Machinist apprentices	1 239	42	193	142	410	67	10.8	38.5	—	—	—	—	—
Millwrights	3 217	541	685	588	794	58	8.7	18.9	—	—	—	—	—
Molders, metal	38	21	—	—	—	—	—	—	—	—	—	—	—
Molder apprentices	980	18	122	89	460	72	12.1	54.3	—	—	—	—	—
Pattern and model makers, except paper	899	132	239	171	171	18	8.8	21.0	—	—	—	—	—
Rollers and finishers, metal	6 818	352	811	720	2 496	602	11.5	45.9	—	—	—	—	—
Sheetmetal workers and tinsmiths	291	—	—	26	207	17	—	—	—	—	—	—	—
Sheetmetal apprentices	309	20	40	35	86	22	—	—	—	—	—	—	—
Shipfitters	4 414	44	275	535	1 822	51	12.2	56.4	—	—	—	—	—
Tool and die makers	210	—	—	—	134	16	—	—	—	—	—	—	—
Tool and die maker apprentices	173	57	16	100	—	—	—	—	—	—	—	—	—
Millers; grain, flour, and feed	445	57	19	100	55	87	10.9	31.9	—	—	—	—	—
Motion picture projectionists	870	19	75	148	340	122	12.2	57.0	—	—	—	—	—
Opticians, and lens grinders and polishers	119	61	19	—	39	—	—	—	—	—	—	—	—
Piano and organ tuners and repairmen	171	13	18	29	111	—	—	—	—	—	—	—	—
Power station operators	15 284	716	1 537	1 446	3 993	61	12.0	49.7	—	—	—	—	—
Printing craftsmen	800	48	77	97	219	61	10.8	35.0	—	—	—	—	—
Bookbinders	5 838	289	635	377	2 379	22	12.0	50.7	—	—	—	—	—
Compositors and typesetters	464	—	59	23	154	79	12.0	50.2	—	—	—	—	—
Printing trades apprentices, except pressmen	97	—	—	—	29	17	—	—	—	—	—	—	—
Electrotypers and stereotypers	1 033	—	111	16	343	214	12.4	64.0	—	—	—	—	—
Photoengravers and lithographers	7 516	379	714	956	3 166	478	11.8	48.5	—	—	—	—	—
Pressmen and plate printers, printing	145	43	—	—	81	—	—	—	—	—	—	—	—
Pressman apprentices	1 903	300	499	310	358	39	8.5	20.9	—	—	—	—	—
Shoe repairmen	886	22	172	115	231	24	10.5	35.7	—	—	—	—	—
Sign painters and letterers	4 028	275	582	466	1 412	39	11.4	45.8	—	—	—	—	—
Stationary engineers	243	37	67	—	54	—	—	—	—	—	—	—	—
Stone cutters and stone carvers	5 287	537	1 501	809	886	22	8.7	22.8	—	—	—	—	—
Tailors	5 833	87	243	94	3 596	18	12.5	78.1	—	—	—	—	—
Telephone installers and repairmen	1 022	22	22	220	473	37	12.4	67.8	—	—	—	—	—
Telephone linemen and splicers	5 476	324	1 280	644	1 198	188	9.8	26.0	—	—	—	—	—
Upholsterers	3 166	288	595	470	811	120	9.8	29.5	—	—	—	—	—
Craftsmen and kindred workers, n.e.c.	1 516	—	97	14	961	62	12.5	79.3	—	—	—	—	—
Former members of the Armed Forces	18 972	4 303	3 085	1 742	4 703	828	9.3	29.9	—	—	—	—	—
Craftsmen and kindred workers—allocated	401 981	53 204	80 526	52 026	88 826	1 799	9.4	27.6	—	—	—	—	—
Operatives, except transport	699	120	135	97	105	20	9.0	17.9	—	—	—	—	—
Asbestos and insulation workers	36 555	3 376	6 265	4 777	9 705	251	10.2	34.7	—	—	—	—	—
Assemblers	470	29	138	58	102	—	9.2	21.7	—	—	—	—	—
Blasters and powdermen	2 642	347	680	277	633	152	9.1	30.6	—	—	—	—	—
Bottling and canning operatives	457	68	84	25	118	82	10.9	43.8	—	—	—	—	—
Chainmen, rodmen, and oxmen	12 547	574	1 442	1 085	4 637	1 366	12.0	50.2	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	6 159	976	1 469	675	1 050	21	8.9	19.2	—	—	—	—	—
Clothing ironers and pressers	9 595	1 105	2 030	1 136	2 795	65	9.6	26.3	—	—	—	—	—
Cutting operatives, n.e.c.	355	33	99	18	73	—	8.6	18.7	—	—	—	—	—
Dressmakers and seamstresses, except factory	1 979	330	489	337	472	56	10.4	30.5	—	—	—	—	—
Drillers, earth	2 162	142	341	216	560	110	10.5	36.9	—	—	—	—	—
Dry-wall installers and lathers	857	1 463	2 550	70	1 197	96	—	—	—	—	—	—	—
Drivers	19 045	—	—	—	—	—	—	—	—	—	—	—	—
Garage workers and gas station attendants	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

Occupation	Elementary					Years of school completed				Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Less than 5	5 to 7		8	High school		College					
		1 to 3	4		1 to 3	4	1 to 3	4	5 or more			
United States												
Male, 16 years old and over—Con.												
Operatives, except transport—Continued												
Produce graders and packers, except factory and farm	149	266	67	103	154	19	—	—	—	7.6	22.8	—
Laundry and drycleaning operatives, n.e.c.	924	795	259	318	89	—	—	—	—	6.0	3.7	—
Meat cutters and butchers, except manufacturing	703	1 126	833	1 401	703	301	49	—	—	8.9	20.5	1.0
Meat cutters and butchers, manufacturing	1 031	1 845	1 355	2 602	2 613	755	35	—	—	10.0	33.2	0.3
Meat wrappers, retail trade	1 187	1 505	786	1 419	801	94	21	—	—	8.3	15.8	0.4
Metalworking operatives, except precision machine	—	60	19	57	35	21	—	—	—	...	...	...
Filers, polishers, sanders, and buffers	6 808	11 906	7 334	13 735	11 629	2 329	170	139	19	9.2	26.4	0.6
Furnacemen, smelters, and pourers	1 042	1 687	939	1 806	1 476	157	42	19	—	8.9	23.6	0.9
Heaters, metal	561	796	599	802	508	145	—	—	—	8.6	19.1	—
	19	22	—	21	69	—	—	—	—	...	...	—
Metal platers	353	544	468	944	639	160	20	20	—	9.7	26.7	1.3
Punch and stamping press operatives	8 871	1 864	1 142	2 175	2 185	363	39	18	—	9.5	29.4	0.6
Riveters and fasteners	922	59	302	182	253	15	23	23	—	9.2	31.6	2.5
Solders	1 265	399	180	283	127	72	—	—	—	8.2	15.7	—
Welders and flame-cutters	3 485	6 292	3 918	7 522	6 372	1 417	69	59	—	9.3	27.2	0.4
Milliners	36	—	—	36	—	—	—	—	—	...	...	—
Mine operatives, n.e.c.	1 223	1 510	1 099	2 204	2 278	314	—	20	—	9.7	30.2	0.2
Coal mining	498	84	86	162	94	20	—	—	—	9.5	22.9	—
Crude petroleum and natural gas extractions	599	602	431	617	866	62	—	—	—	8.9	29.2	—
Mining and quarrying, except fuel	540	856	582	1 425	1 318	232	—	20	—	10.1	31.6	0.4
Mixing operatives	4 128	793	349	1 236	968	164	23	23	—	9.8	28.0	0.6
Oilers and greasers, except auto	1 955	292	350	422	552	96	—	—	—	9.7	33.1	0.6
Packers and wrappers, except meat and produce	22 205	5 122	2 618	6 445	3 827	661	105	105	—	9.0	21.1	0.9
Painters, manufactured articles	9 899	2 257	1 306	2 621	1 989	44	24	24	—	8.9	22.5	0.7
Photographic process workers	2 250	186	338	537	667	411	51	40	—	12.1	52.0	4.0
Precision machine operatives	15 146	2 151	2 015	4 098	4 407	952	38	47	—	10.4	35.9	0.6
Drill press operatives	2 887	240	548	773	793	99	—	—	—	9.9	30.9	—
Grinding machine operatives	5 011	741	673	1 304	1 305	229	38	24	—	9.9	31.8	1.2
Lathe and mixing machine operatives	4 971	697	558	1 392	1 642	351	23	23	—	11.0	40.6	0.5
Precision machine operatives, n.e.c.	2 277	174	236	629	667	273	—	—	—	11.1	41.3	—
Sailors and deckhands	2 333	337	371	530	471	117	23	23	—	8.9	26.2	1.0
Sawyers	3 808	613	786	937	786	43	49	49	—	8.9	23.1	1.3
Sewers and stitchers	7 754	1 109	1 335	1 755	1 002	218	48	51	—	8.4	17.0	1.3
Shoemaking machine operatives	1 621	228	253	249	249	39	—	—	—	8.9	17.8	—
Stationary firemen	2 636	280	331	855	677	94	—	—	—	10.1	29.2	—
Textile operatives	6 547	761	996	1 624	1 327	161	23	—	—	8.9	23.1	0.4
Carding, lapping, and combing operatives	301	58	26	83	72	42	—	—	—	...	...	...
Knitters, loopers, and tappers	1 247	61	255	334	294	41	—	—	—	9.4	26.9	—
Spinners, twistors, and winders	730	79	169	269	164	32	—	—	—	10.1	26.8	—
Weavers	488	61	92	117	171	32	—	—	—	10.1	35.0	—
Textile operatives, n.e.c.	3 781	502	1 164	821	626	46	23	—	—	8.4	18.4	0.6
Winding operatives, n.e.c.	1 209	118	183	356	385	65	—	—	—	10.7	37.2	—
Miscellaneous and not specified operatives	124 640	18 097	16 314	30 917	26 746	5 397	446	446	—	9.2	26.6	0.8
Occupation:												
Machine operatives, miscellaneous specified	45 699	6 878	5 225	11 757	10 418	1 674	124	124	—	9.3	27.2	0.7
Machine operatives, not specified	36 069	5 056	5 321	7 350	7 350	1 040	101	101	—	9.0	25.3	0.6
Miscellaneous operatives	30 842	4 527	4 017	7 512	6 460	1 531	178	178	—	9.2	27.1	1.1
Not specified operatives	12 030	1 636	1 751	2 870	2 518	614	77	77	—	9.1	27.0	1.0

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total	Years of school completed						College	5 or more	Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
		Elementary		High school		College						
		Less than 5	5 to 7	8	1 to 3	4	1 to 3						4
Male, 16 years old and over—Con.												
Operatives, except transport—Continued												
Miscellaneous and not specified operatives—Continued												
Industry:												
Manufacturing	103 499	14 004	22 063	14 090	25 879	22 508	4 158	423	374	9.2	26.5	0.8
Durable goods	59 989	8 216	12 826	8 230	15 222	12 823	2 297	218	157	9.1	25.8	0.6
Lumber and wood products, except furniture	2 375	364	260	240	795	501	22	—	—	9.5	22.0	—
Furniture and fixtures	3 231	551	727	521	838	463	92	—	39	8.6	18.4	1.2
Stone, clay, and glass products	4 839	820	1 171	569	1 125	1 003	132	19	—	8.8	23.8	0.4
Glass and glass products	4 839	820	1 171	569	1 125	1 003	132	19	—	8.8	23.8	0.4
Cement, concrete, gypsum, and plaster products	1 552	101	309	206	416	486	34	—	—	10.2	33.5	—
Other stone, clay, and glass products	1 520	382	420	193	305	385	38	—	—	7.7	14.7	—
Other stone, clay, and glass products	1 767	299	480	173	404	332	60	19	—	8.6	23.3	1.1
Primary metal industries	10 627	1 942	2 414	1 304	2 421	2 207	275	64	—	8.7	24.0	0.6
Blast furnaces, steelworks, and rolling and finishing mills	3 154	430	903	419	771	599	32	—	—	8.6	20.0	—
Other primary iron and steel industries	2 738	662	714	343	596	293	65	45	—	8.0	14.7	1.6
Primary nonferrous industries	4 735	850	797	522	1 054	1 315	178	19	—	9.6	31.9	0.4
Fabricated metal industries, including not specified metal	9 869	1 434	2 205	1 502	2 129	2 189	368	18	24	8.9	26.3	0.4
Cutlery, hand tools, and other hardware	916	208	174	132	213	143	46	—	—	8.6	20.6	—
Fabricated structural metal products	2 309	307	616	419	465	458	20	—	24	8.6	21.7	1.0
Screw machine products, & metal stamping	1 380	102	311	281	390	220	76	—	—	9.0	21.4	—
Miscellaneous fabricated metal products and not specified metal	5 264	817	1 104	670	1 061	1 368	226	18	—	9.1	30.6	0.3
Machinery, except electrical	5 882	684	957	905	1 602	1 325	351	40	18	9.7	29.5	1.0
Farm machinery and equipment	290	32	39	63	96	44	16	—	—	—	—	—
Construction & material handling machines	741	45	138	88	242	174	54	—	—	10.2	30.8	—
Metalworking machinery	876	234	119	169	160	137	39	—	18	8.5	22.1	2.1
Office and accounting machines, and electronic computing equipment	464	73	83	53	44	191	20	—	—	10.6	45.5	—
Other machinery, except electrical	3 511	300	578	532	1 060	779	222	40	—	10.0	29.6	1.1
Electrical machinery, equipment, and supplies	6 611	507	1 242	961	2 008	304	304	22	17	9.9	28.6	0.6
Household appliances	711	90	64	57	285	191	24	—	—	10.5	30.2	—
Radio, T.V., and communication equipment	1 689	75	272	200	587	446	109	—	—	10.5	32.9	—
Electrical machinery, equipment, and supplies, n.e.c.	3 652	282	842	600	1 010	761	118	22	17	9.3	25.1	1.1
Not specified electrical machinery, equipment, and supplies	559	60	64	104	126	152	53	—	—	10.2	36.7	—
Transportation equipment	7 525	452	1 606	1 053	1 951	1 960	409	35	59	10.0	32.7	1.2
Motor vehicles & motor vehicle equipment	3 007	179	676	441	865	774	57	—	15	9.7	28.1	0.5
Aircraft and parts	2 749	135	478	211	720	915	211	35	44	11.3	43.8	2.9
Other transportation equipment	1 769	138	452	401	366	271	141	—	—	8.7	23.3	—
Professional and photographic equipment, and watches	1 230	136	148	178	376	320	72	—	—	10.2	31.9	—
Professional equipment and supplies	906	119	126	178	239	187	57	—	—	9.4	26.9	—
Ordnance	1 165	227	210	69	371	210	78	—	—	9.6	24.7	—
Miscellaneous manufacturing industries	6 367	1 065	1 670	865	1 543	1 030	174	20	—	8.5	19.2	0.3
Durable goods—allocated	268	34	43	43	63	65	20	—	—	—	—	—
Nondurable goods	41 608	5 573	8 805	5 532	10 224	9 357	1 768	160	189	9.3	27.6	0.8
Food and kindred products	12 358	2 216	2 795	1 802	2 818	2 071	510	64	82	8.6	22.1	1.2
Meat products	2 199	385	424	453	611	276	50	—	—	10.0	14.8	—
Dairy products	770	71	214	58	126	187	91	—	23	9.1	39.1	3.0
Canning and preserving fruits, vegetables, and seafoods	2 765	735	623	307	536	401	125	17	21	8.1	20.4	1.4
Bakery products	1 208	129	264	186	281	260	88	—	—	9.3	28.8	—
Beverage industries	1 769	19	200	123	227	153	47	—	—	9.6	26.0	—
Other food and kindred products	4 647	877	1 070	675	1 037	794	109	47	38	8.6	21.3	1.8

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970 - Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text!

United States	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College		Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more			
	Less than 5	5 to 7	8	1 to 3	4	1 to 3				4			5 or more
Male, 16 years old and over - Con.												
Operatives, except transport - Continued												
Miscellaneous and not specified operatives - Continued												
Industry - Continued												
Manufacturing - Continued												
Nondurable goods - Continued												
Tobacco manufactures	81	222	101	102	109	13	8.1	19.4	2.1			
Apparel and other fabricated textile products	294	750	467	737	552	134	8.9	24.2	1.0			
Apparel and accessories	211	439	206	492	406	117	9.6	29.1	1.6			
Miscellaneous fabricated textile products	83	311	261	245	146	17	8.5	15.3	-			
Paper and allied products	991	1 626	902	1 791	1 510	158	9.0	24.2	0.4			
Pulp, paper, and paperboard mills	234	356	258	371	394	40	8.9	26.3	-			
Miscellaneous paper and pulp products	255	268	82	412	199	99	9.4	22.7	0.6			
Paperboard containers and boxes	502	1 002	562	1 008	917	26	8.9	23.8	0.9			
Printing, publishing, and allied industries, except newspapers	199	300	254	907	618	21	10.5	31.9	-			
Chemicals and allied products	177	300	200	754	563	21	10.5	32.3	1.0			
Industrial chemicals	510	925	454	1 387	1 878	43	10.9	41.0	0.8			
Synthetic fibers	45	184	128	258	615	68	12.1	52.6	-			
Soaps and cosmetics	68	115	77	97	130	12	9.0	31.7	-			
Other chemicals and allied products	397	626	249	1 009	1 071	43	10.6	37.2	1.2			
Petroleum and coal products	123	90	48	203	381	107	12.0	51.3	-			
Rubber and miscellaneous plastic products	7 202	1 377	1 169	1 726	1 827	19	9.6	30.6	1.0			
Rubber products	3 377	443	280	943	1 018	221	10.7	36.2	1.5			
Miscellaneous plastic products	3 825	864	726	783	809	86	8.7	23.9	0.5			
Leather and leather products	2 292	704	295	500	390	21	8.2	17.9	-			
Tanned, carried, and finished leather	658	320	65	127	64	64	7.3	9.7	-			
Footwear, except rubber	408	83	80	94	38	21	8.1	9.3	-			
Leather products, except footwear	1 226	271	150	279	288	21	8.8	25.2	-			
Nondurable goods - allocated	219	16	40	53	21	39	8.9	26.0	3.8			
Not specified manufacturing industries	1 902	432	328	433	328	45	8.9	26.0	-			
Nonmanufacturing industries	21 141	4 093	2 224	5 038	4 238	134	9.1	26.9	1.0			
Construction	2 616	520	280	731	310	67	8.5	16.2	1.8			
Railroads and railway express service	1 129	280	102	304	80	20	7.4	8.9	1.8			
Transportation, except railroads	1 324	188	84	226	80	35	10.7	42.5	6.3			
Communications, and utilities and sanitary services	1 318	237	143	266	346	135	10.0	36.5	0.8			
Wholesale trade	4 985	1 097	357	1 232	762	19	8.5	22.0	-			
Retail trade	2 684	400	399	547	586	133	8.8	26.8	0.6			
Business and repair services	2 789	374	212	613	651	191	10.0	30.8	-			
Public administration	1 506	57	253	230	604	150	12.0	50.1	-			
All other industries ¹	2 790	706	292	689	503	182	8.9	24.6	-			
Operatives, except transport - allocated	15 066	3 870	1 968	3 019	2 908	62	8.5	23.4	1.2			
Transport equipment operatives	132 612	23 360	16 830	39 376	30 734	6 018	9.8	28.3	0.6			
Boatmen and condlmen	253	123	20	88	20	22	10.8	40.9	2.3			
Bus drivers	6 330	735	906	1 488	1 973	468	12.1	53.9	0.6			
Conductors and motormen, urban rail transit	499	-	72	251	18	18	10.9	38.3	0.3			
Deliverymen and routemen	28 977	3 763	2 925	8 998	8 627	92	9.6	26.6	-			
Fork lift and tow motor operatives	13 761	1 493	1 128	4 023	3 134	24	9.6	24.9	-			
Motormen; mine, factory, logging camp, etc	485	38	43	155	59	62	9.6	26.9	-			
Parking attendants	2 270	390	292	588	428	106	9.0	23.5	-			
Railroad brakemen	617	58	22	259	256	45.1	11.6	45.1	1.7			
Railroad switchmen	1 400	61	151	250	675	104	12.2	57.4	1.9			
Taxicab drivers and chauffeurs	9 038	1 633	1 107	1 798	1 798	83	10.0	28.7	0.3			
Truck drivers	62 501	8 106	8 836	18 941	12 114	102	9.3	22.3	0.3			
Trucking service	18 635	2 016	3 242	6 169	3 828	39	9.6	23.9	0.6			
Transport equipment operatives - allocated	6 481	1 057	654	1 570	1 419	164	8.9	25.0	-			

¹Includes transportation, communications, and other public utilities - allocated.

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College		5 or more		1 to 3	4			
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
Total	211 918	46 207	43 862	25 149	53 501	34 842	7 375	577	405	8.6	20.4	0.5	
Animal caretakers, except farm	1 457	215	1 251	120	343	394	17	17	—	10.2	36.2	1.2	
Carpenters' helpers	4 029	1 033	1 150	648	719	375	19	19	57	7.6	11.9	—	
Construction laborers, except carpenters' helpers	47 066	13 114	11 299	6 471	9 373	6 022	—	—	—	7.8	14.5	0.2	
Fishermen and oystermen	1 040	203	358	95	261	101	—	—	—	7.7	11.8	—	
Freight and material handlers	27 288	3 980	5 447	3 947	7 101	5 544	—	—	56	9.1	25.0	0.5	
Garbage collectors	5 084	1 341	1 115	629	1 015	849	—	—	—	8.1	19.4	—	
Gardeners and groundskeepers, except farm	25 588	7 742	5 264	3 027	5 665	3 028	—	—	40	7.9	15.2	0.6	
Longshorem and stevedores	3 922	433	1 053	386	1 220	772	—	—	—	9.2	21.2	—	
Lumbermen, raftsmen, and woodchoppers	1 038	314	278	99	238	86	—	—	—	7.2	10.5	—	
Stock handlers	23 980	955	1 965	2 025	11 036	5 889	—	—	56	10.9	33.4	0.7	
Teamsters	154	9	26	21	46	52	—	—	—	—	—	—	
Vehicle washers and equipment cleaners	8 400	1 720	1 659	841	2 526	2 345	—	—	25	9.0	19.7	0.8	
Warehousemen, n.e.c.	8 127	736	1 098	851	2 374	2 345	—	—	—	10.7	37.8	0.2	
Miscellaneous and not specified laborers	43 008	10 935	10 737	4 924	8 668	6 320	—	—	111	8.0	18.0	0.6	
Occupation:													
Miscellaneous laborers	13 687	3 732	3 248	1 628	2 721	1 993	—	—	21	7.9	17.2	—	
Not specified laborers	29 321	7 203	7 489	3 296	5 947	4 327	—	—	90	8.0	18.4	0.6	
Industry:													
Manufacturing	20 862	4 251	5 589	2 618	4 305	3 394	—	—	40	8.2	19.6	0.6	
Durable goods	13 558	2 461	3 773	1 726	2 801	2 382	—	—	—	371	8.3	20.6	
Lumber and wood products, except furniture	907	199	307	119	120	135	—	—	—	27	7.5	17.9	
Furniture and fixtures	503	111	208	77	65	42	—	—	—	—	7.0	—	
Stone, clay, and glass products	1 322	229	356	226	305	172	—	—	—	—	8.3	—	
Cement, concrete, gypsum, and plaster products	782	179	213	125	157	108	—	—	—	—	13.6	—	
Structural clay products	153	22	91	40	—	—	—	—	—	—	8.0	—	
Other stone, clay, and glass products	387	28	52	61	148	64	—	—	—	—	—	—	
Primary metal industries	5 594	1 052	1 516	571	1 197	1 077	—	—	—	—	22.5	—	
Blast furnaces, steel works, and rolling and finishing mills	3 131	434	899	438	685	569	—	—	—	—	21.6	—	
Other primary iron and steel industries	1 549	338	325	117	460	274	—	—	—	—	19.9	—	
Primary nonferrous industries	914	280	292	16	52	234	—	—	—	—	30.0	—	
Fabricated metal industries, including not specified metal	1 588	291	482	174	341	272	—	—	—	—	18.9	—	
Fabricated structural metal products	574	100	153	52	121	148	—	—	—	—	25.8	—	
Machinery, except electrical	736	89	189	143	119	175	—	—	—	—	8.1	—	
Electrical machinery, equipment, and supplies	735	141	191	53	175	153	—	—	—	—	8.6	—	
Transportation equipment	1 345	253	341	196	323	166	—	—	—	—	26.6	—	
Motor vehicles & motor vehicle equipment	587	125	155	118	147	20	—	—	—	—	23.8	—	
Ship and boat building and repairing	304	66	17	53	80	66	—	—	—	—	17.2	—	
Other transportation equipment	454	62	169	25	96	80	—	—	—	—	7.2	—	
Professional and photographic equipment, and watches	54	—	29	—	—	—	—	—	—	—	22.5	—	
Ordnance	122	21	18	46	—	25	—	—	—	—	—	—	
Miscellaneous manufacturing industries	537	75	80	80	156	130	—	—	—	—	—	—	
Manufacturing, durable goods—allocated	115	—	56	41	—	18	—	—	—	—	27.2	—	
Nonmanufacturing	6 955	1 702	1 793	859	1 402	909	—	—	—	—	—	—	
Food and kindred products	3 524	1 098	871	488	572	375	—	—	—	—	17.2	—	
Meat products	857	207	231	114	178	65	—	—	—	—	19	—	
Dairy products	163	40	41	—	40	42	—	—	—	—	14.0	—	
Canning and preserving fruits, vegetables, and seafoods	1 053	418	195	178	135	93	—	—	—	—	14.8	—	
Grain-mill products	219	63	55	49	—	—	—	—	—	—	—	—	
Beverage industries	488	101	104	43	136	80	—	—	—	—	12.1	—	
Other food and kindred products	744	269	245	104	83	43	—	—	—	—	21.3	—	

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school			College			5 or more					
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Male, 16 years old and over—Con.														
Labors, except farm—Continued														
Miscellaneous and not specified laborers—Continued														
Industry—Continued														
Manufacturing—Continued														
Nondurable goods—Continued														
Tobacco manufactures	20	129	19	—	—	—	—	—	—	—	—	—	—	—
Textile mill products	385	92	85	174	24	121	—	—	—	—	—	—	—	—
Yarn, thread, and fabric mills	211	44	27	—	—	—	—	—	—	—	—	—	—	—
Other textile mill products														
Apparel and other fabricated textile products	212	45	53	46	48	20	—	—	—	—	—	—	—	—
Paper and allied products	624	127	128	89	154	126	—	—	—	—	—	—	—	—
Pulp, paper, and paperboard mills	195	67	67	44	24	60	—	—	—	—	—	—	—	—
Other paper and allied products	429	127	61	429	130	66	—	—	—	—	—	—	—	—
Printing, publishing, and allied industries	210	66	66	23	60	61	—	—	—	—	—	—	—	—
Chemicals and allied products	751	234	751	129	166	66	21	—	—	—	—	—	—	—
Petroleum and coal products	237	62	51	6	132	88	75	—	—	—	—	—	—	—
Rubber and miscellaneous plastic products	439	128	128	38	21	58	36	—	—	—	—	—	—	—
Leather and leather products	344	84	107	21	65	38	—	—	—	—	—	—	—	—
Nondurable goods—allocated	209	22	43	21	85	38	—	—	—	—	—	—	—	—
Not specified manufacturing industries	349	88	23	33	102	103	—	—	—	—	—	—	—	—
Nonmanufacturing industries														
Railroads and railway express service	22	6 684	5 148	2 306	4 363	2 926	579	69	71	7.6	16.5	—	—	—
Transportation, except railroads	5 151	2 287	1 062	427	916	439	20	20	20	5.8	8.9	—	—	—
Comm., and utilities and sanitary services	1 996	271	209	195	116	341	44	—	—	8.6	33.9	—	—	—
Transportation, communications, and other public utilities—allocated	2 460	688	269	269	423	293	118	—	—	7.4	16.7	—	—	—
Wholesale trade	84	17	17	21	—	—	—	—	—	—	—	—	—	—
Retail trade	3 327	291	780	192	607	396	61	—	—	6.4	13.7	—	—	—
Business and repair services	2 419	279	665	292	703	357	123	—	—	8.9	19.8	—	—	—
Personal services	1 295	366	318	83	300	142	64	—	—	7.7	17.6	—	—	—
Private households	1 360	349	271	129	372	181	36	—	—	8.5	17.6	—	—	—
Public administration	893	290	164	39	252	106	20	—	—	7.9	16.6	—	—	—
All other industries	1 113	380	216	239	186	92	—	—	—	7.5	8.3	—	—	—
Labors, except farm—allocated	3 741	859	445	216	740	685	113	47	29	8.4	23.4	—	—	—
Farmers and farm managers														
Farmers, owners and tenants	15 079	2 983	2 624	2 876	2 491	2 915	780	290	70	8.7	27.0	—	—	—
Farm managers	12 754	2 384	2 273	2 615	2 166	2 441	635	202	38	8.7	26.0	—	—	—
Farmers and farm managers—allocated	1 080	135	145	172	171	252	105	68	32	10.5	42.3	—	—	—
Farm laborers and farm foremen														
Farm foremen	106 935	50 816	25 843	10 519	12 518	5 802	924	287	226	5.3	6.8	—	—	—
Farm laborers, wage workers	3 639	1 141	989	615	507	263	23	84	17	7.1	10.6	—	—	—
Farm laborers, unpaid family workers	99 050	47 680	24 029	9 647	11 335	5 183	818	149	209	5.2	6.4	—	—	—
Farm service laborers, self-employed	800	112	185	47	268	110	46	32	—	9.6	23.5	—	—	—
Farm laborers and farm foremen—allocated	1 160	110	34	—	—	—	16	—	—	—	—	—	—	—
Service workers, except private household														
Cleaning service workers	232 784	34 670	42 679	28 444	61 199	46 757	15 826	1 864	1 345	9.5	28.3	—	—	—
Chambermaids and maids, except private household	85 718	16 622	18 497	11 280	21 960	12 940	3 770	307	342	8.7	20.3	—	—	—
Cleaners and charwomen	1 124	286	186	112	255	172	89	—	24	8.8	25.4	—	—	—
Janitors and sextons	17 426	3 061	4 037	2 705	4 654	2 272	104	104	26	17.0	17.0	—	—	—
Food service workers	67 168	13 275	14 274	8 463	17 051	10 496	3 114	203	292	8.7	21.0	—	—	—
Bartenders	81 574	12 342	16 214	10 626	23 823	13 166	4 385	666	352	9.2	22.8	—	—	—
Busboys	6 309	596	990	932	1 221	1 851	44	44	55	10.5	40.4	—	—	—
Cooks, except private household	10 620	1 312	2 036	1 321	3 502	1 696	602	104	47	9.5	23.1	—	—	—
Dishwashers	26 237	4 117	5 642	3 307	7 844	3 942	1 131	237	17	9.0	20.3	—	—	—
Food counter and fountain workers	12 931	2 988	3 164	1 437	4 031	1 022	61	61	4	8.2	10.1	—	—	—
	2 984	338	479	518	1 157	384	108	—	—	9.4	16.5	—	—	—

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970 — Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College			5 or more						
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Male, 16 years old and over — Con.														
Service workers, except private household — Con.														
Food service workers — Continued														
Waiters	1 007	1 891	1 759	3 176	2 967	1 333	199	217	37.6	10.5	37.6	3.3		
Food service workers, n.e.c., except private household	1 984	2 012	1 332	2 892	1 304	383	21	16	17.3	8.7	17.3	0.4		
Health service workers	217	765	611	2 008	2 721	1 132	102	207	53.7	12.1	53.7	4.0		
Dental assistants	156	17	19	24	45	51	—	—	—	—	—	—		
Health aides, except nursing	1 419	236	92	385	348	239	21	54	46.7	11.6	46.7	5.3		
Health trainees	37	17	—	—	—	20	—	—	—	—	—	—		
Lay midwives	—	—	—	—	—	—	—	—	—	—	—	—		
Nursing aides, orderlies, and attendants	5 813	512	483	1 507	2 148	773	81	153	—	12.1	54.3	4.0		
Practical nurses	358	—	17	92	180	69	—	—	—	—	—	—		
Personal service workers	24 463	3 228	3 319	6 881	6 505	2 086	252	125	36.7	10.6	36.7	1.5		
Airline stewardesses	64	—	—	—	22	23	—	—	—	—	—	—		
Attendants, recreation and amusement	1 777	135	121	646	386	331	22	—	—	11.3	41.6	1.2		
Attendants, personal service, n.e.c.	1 143	230	234	301	280	—	—	—	—	9.1	24.5	4.3		
Baggage porters and bellhops	312	223	312	449	399	172	59	17	36.9	10.5	36.9	0.8		
Barbers	9 645	1 282	1 610	2 800	2 706	507	55	23	34.1	10.4	34.1	—		
Boarding and lodging house keepers	—	—	—	—	—	—	—	—	—	—	—	—		
Bootblacks	251	109	—	47	—	—	—	—	—	—	—	—		
Child care workers, except private household	248	22	25	104	63	16	—	—	—	—	—	—		
Elevator operators	3 570	775	731	835	481	155	—	—	—	—	17.8	—		
Hairdressers and cosmetologists	3 024	182	230	689	1 350	414	47	48	61.5	12.3	61.5	3.1		
Personal service apprentices	57	24	18	15	15	—	—	—	—	—	—	—		
Housekeepers, except private household	1 853	141	145	547	504	195	42	—	—	11.1	41.1	2.3		
School monitors	194	21	—	64	23	86	—	—	—	—	—	—		
Ushers, recreation and amusement	408	—	—	276	79	40	13	—	—	11.2	32.4	3.2		
Welfare service aides	532	19	—	123	192	147	14	37	73.3	12.6	73.3	9.6		
Protective service workers	21 989	1 767	1 416	3 856	9 571	3 800	486	203	63.9	12.3	63.9	3.1		
Crossing guards and bridge tenders	436	42	41	105	142	24	—	—	—	—	—	—		
Firemen, fire protection	3 978	65	167	657	2 218	628	58	23	38.1	10.5	38.1	2.0		
Guards and watchmen	8 280	1 219	840	1 735	2 780	891	114	21	73.6	12.4	73.6	1.6		
Marshals and constables	209	44	40	56	56	25	—	—	—	11.4	46.0	—		
Policemen and detectives	8 302	200	285	1 196	4 019	2 133	25	19	79.0	12.6	79.0	4.9		
Public	7 840	63	285	1 027	3 831	2 088	266	140	80.7	12.6	80.7	5.2		
Private	462	—	—	169	188	45	—	—	—	—	—	—		
Sheriffs and bailiffs	784	60	43	163	356	99	23	—	—	12.0	50.4	2.9		
Service workers, except private household — allocated	11 257	2 532	1 192	2 671	1 854	633	51	116	23.6	8.7	23.6	1.5		
Private household workers	1 757	444	184	376	199	61	—	—	14.8	7.6	14.8	—		
Occupation:														
Child care workers, private household	203	40	—	75	45	—	—	—	—	—	—	—		
Cooks, private household	143	64	—	79	—	—	—	—	—	—	—	—		
Housekeepers, private household	140	23	23	—	—	20	—	—	—	—	—	—		
Laundresses, private household	—	—	—	—	—	—	—	—	—	—	—	—		
Maid and servants, private household	1 216	325	147	222	154	41	—	—	16.0	7.6	16.0	—		
Maid and servants, private household — allocated	55	41	14	—	—	—	—	—	—	—	—	—		
Private household workers — allocated	—	—	—	—	—	—	—	—	—	—	—	—		
Living arrangement:														
Living in —	280	66	20	95	25	41	—	—	—	—	—	—		
Housekeepers, private household	56	23	33	—	—	—	—	—	—	—	—	—		
Maid and servants, private household	149	43	20	20	25	41	—	—	—	—	—	—		
Living out	1 477	427	164	281	174	20	—	—	13.1	7.3	13.1	—		
Unemployed persons, last worked 1959 or earlier	1 451	240	189	332	208	22	18	53	20.7	8.5	20.7	4.9		

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school				College						
	Less than 5	5 to 7	8	1 to 3	4	5 or more	1 to 3	4	5 or more				
Total	103 469	148 380	101 099	232 032	360 247	101 140	30 207	19 899	11.5	46.6	4.6		
Female, 16 years old and over	1 205	1 834	1 789	7 900	20 620	18 189	19 034	14 322	14.5	85.0	39.3		
Professionals, technical, and kindred workers	—	20	—	1 631	—	953	293	117	12.8	90.3	12.4		
Accountants	—	—	—	—	—	—	21	62	—	—	—		
Architects	—	—	—	—	—	—	—	—	—	—	—		
Computer specialists	—	—	—	47	208	301	301	63	14.1	93.6	24.7		
Computer programmers	—	—	—	24	117	24	170	24	14.3	94.4	27.7		
Computer systems analysts	—	—	—	23	91	84	24	39	—	—	—		
Computer specialists, n.e.c.	—	—	—	—	—	47	—	—	—	—	—		
Engineers	—	—	—	36	141	37	63	21	—	—	—		
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—		
Chemical	—	—	—	—	—	—	—	—	—	—	—		
Civil	—	—	—	18	—	22	43	—	—	—	—		
Electrical and electronic	—	—	—	18	79	—	20	21	—	—	—		
Industrial	—	—	—	—	—	—	—	—	—	—	—		
Mechanical	—	—	—	—	—	—	—	—	—	—	—		
Metallurgical and materials	—	—	—	—	—	—	—	—	—	—	—		
Mining	—	—	—	—	—	—	—	—	—	—	—		
Petroleum	—	—	—	—	—	—	—	—	—	—	—		
Sales	—	—	—	—	—	15	—	—	—	—	—		
Engineers, n.e.c.	—	—	—	—	—	—	—	—	—	—	—		
Farm management advisers	—	—	—	—	—	—	—	—	—	—	—		
Foresters and conservationists	—	—	—	—	—	17	20	—	—	—	—		
Home management advisers	—	—	—	—	—	21	19	75	—	—	—		
Lawyers and judges	—	—	—	—	—	—	—	—	—	—	—		
Judges	—	—	—	—	—	21	19	75	—	—	—		
Lawyers	—	—	—	—	—	—	—	—	—	—	—		
Librarians, archivists, and curators	1 430	—	—	105	398	172	272	483	16.1	92.7	52.8		
Librarians	1 430	—	—	105	398	172	272	483	16.1	92.7	52.8		
Archivists and curators	—	—	—	—	—	—	—	—	—	—	—		
Mathematical specialists	145	—	—	—	78	—	47	20	—	—	—		
Actuaries	35	—	—	—	35	—	26	—	—	—	—		
Mathematicians	26	—	—	—	—	—	21	20	—	—	—		
Statisticians	84	—	—	—	43	—	—	—	—	—	—		
Life and physical scientists	443	—	—	—	155	82	147	59	15.4	100.0	46.5		
Agricultural	20	—	—	—	20	—	—	—	—	—	—		
Atmospheric and space	—	—	—	—	—	—	—	—	—	—	—		
Biological	129	—	—	—	74	82	107	25	—	—	—		
Chemists	275	—	—	—	61	—	—	—	—	—	—		
Geologists	—	—	—	—	—	—	—	—	—	—	—		
Marine	19	—	—	—	—	—	—	—	—	—	—		
Physicists and astronomers	—	—	—	—	—	—	—	—	—	—	—		
Life and physical, n.e.c.	—	—	—	—	—	—	—	—	—	—	—		
Operations and systems researchers and analysts	183	—	—	—	—	—	—	—	—	—	—		
Personal and labor relations workers	2 235	107	110	291	106	14	63	101	12.6	78.3	14.2		
Physicians, dentists, and related practitioners	1 450	72	43	20	982	406	217	904	17+	90.7	81.2		
Chiropractors	—	—	—	—	112	25	274	—	—	—	—		
Dentists	50	13	—	—	—	—	18	19	—	—	—		
Optometrists	—	—	—	—	—	—	—	—	—	—	—		
Pharmacists	357	24	43	20	—	7	174	89	—	—	—		
Physicians, medical and osteopathic	1 043	35	—	—	112	18	82	796	17+	96.6	84.2		
Podiatrists	—	—	—	—	—	—	—	—	—	—	—		
Veterinarians	—	—	—	—	—	—	—	—	—	—	—		
Health practitioners, n.e.c.	—	—	—	—	—	—	—	—	—	—	—		
Registered nurses, dietitians, and therapists	17 918	280	646	1 935	5 847	5 566	2 211	832	12.9	80.7	17.0		
Dietitians	1 136	22	212	131	314	75	147	110	12.2	56.8	22.6		
Registered nurses	15 957	258	417	1 750	5 306	5 332	1 787	633	13.0	81.8	15.2		
Therapists	823	—	17	54	227	159	277	89	15.1	91.4	44.5		

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text

	Years of school completed										Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school			College			Medion school years completed	5 or more			
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
United States													
Female, 16 years old and over—Con.													
Professional, technical, and kindred workers—Con.													
Health technologists and technicians	4 933	81	170	527	1 640	682	442	13.0	22.8				
Clinical laboratory technologists and technicians	2 825	46	17	237	770	578	341	14.2	32.5				
Dental hygienists	142	—	—	—	38	41	21	—	—				
Health record technologists and technicians	167	—	—	—	38	18	21	—	—				
Radiologic technologists and technicians	755	—	40	135	379	45	21	12.5	8.7				
Therapy assistants	78	24	22	16	—	—	—	—	—				
Health technologists and technicians, n.e.c.	966	17	91	139	415	213	59	12.5	6.1				
Religious workers	592	36	71	55	107	72	99	13.5	28.9				
Clergymen	93	—	—	—	12	—	—	—	—				
Religious workers, n.e.c.	499	36	45	19	88	72	99	14.3	34.3				
Social scientists	361	—	23	—	92	53	118	—	—				
Economists	187	—	23	—	55	33	38	—	—				
Political scientists	133	—	—	—	16	42	60	—	—				
Psychologists	—	—	—	—	—	—	—	—	—				
Sociologists	—	—	—	—	—	—	—	—	—				
Urban and regional planners	41	—	—	—	21	—	20	—	—				
Social scientists, n.e.c.	—	—	—	—	—	—	—	—	—				
Social and recreation workers	4 848	77	174	665	1 264	1 059	719	13.8	36.7				
Social	4 132	77	134	488	1 105	648	695	14.1	40.1				
Recreation	716	—	40	177	159	220	24	12.9	16.8				
Teachers, college and university	2 722	27	19	62	247	427	1 496	17+	70.5				
Agriculture	—	—	—	—	—	—	—	—	—				
Atmospheric, earth, marine, and space	—	—	—	—	—	—	—	—	—				
Biology	22	—	—	—	—	—	—	—	—				
Chemistry	22	—	—	—	—	—	—	—	—				
Physics	19	—	—	—	—	—	—	—	—				
Engineering	36	—	—	—	—	—	—	—	—				
Mathematics	34	—	—	—	—	—	—	—	—				
Health specialties	221	—	—	—	—	—	—	—	—				
Psychology	—	—	—	—	—	—	—	—	—				
Business and commerce	44	—	—	—	—	—	—	—	—				
Economics	—	—	—	—	—	—	—	—	—				
History	33	—	—	—	—	—	—	—	—				
Sociology	—	—	—	—	—	—	—	—	—				
Social science teachers, n.e.c.	65	—	—	—	—	—	—	—	—				
Art, drama, and music	72	27	—	—	19	19	56	—	—				
Coaches and physical education	—	—	—	—	—	—	—	—	—				
Education	25	—	—	—	—	—	—	—	—				
English	206	—	—	—	—	—	—	—	—				
Foreign language	1 023	22	—	—	26	45	25	—	—				
Home economics	80	—	—	—	18	195	112	—	—				
Law	—	—	—	—	66	—	654	17+	83.0				
Theology	—	—	—	—	—	—	—	—	—				
Trade, industrial, and technical	—	—	—	—	—	—	—	—	—				
Miscellaneous teachers, college and university	80	—	—	—	—	—	—	—	—				
Teachers, college and university, subject not specified	740	—	19	22	71	146	376	17.0	65.1				
Teachers, except college and university	28 769	174	232	1 757	3 342	4 048	7 588	16.4	65.8				
Adult education	761	41	—	73	136	276	157	85.0	90.9				
Elementary school	16 291	114	85	829	1 633	2 136	3 927	14.4	30.9				
Public	12 773	78	66	657	1 316	1 336	3 356	16.4	70.2				
Private	3 518	36	19	172	317	800	571	16.5	74.2				
Preskindergarten and kindergarten	3 058	19	57	400	853	795	123	16.1	55.3				
Public	1 682	131	38	228	378	403	106	13.5	30.0				
Private	1 376	19	19	172	475	392	244	12.9	19.0				

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College			5 or more	4	3				2
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Total	32	32	38	178	667	227	83	71	12.6	80.9	11.9	80.9		
1 296	32	32	38	178	667	227	83	71	12.6	80.9	11.9	80.9		
646	32	32	17	126	257	96	64	54	12.6	72.9	18.3	72.9		
90	—	—	21	52	314	131	19	17	12.6	86.8	6.5	86.8		
554	16	21	23	33	39	59	20	17	—	—	—	—		
205	—	—	27	86	184	69	16	—	—	—	—	—		
109	—	—	314	778	766	136	37	—	10.6	36.0	1.4	36.0		
296	370	204	—	—	—	—	—	—	—	—	—	—		
2 605	19	72	131	342	514	117	22	48	12.1	55.4	5.5	55.4		
1 265	19	72	131	342	514	117	22	48	12.1	55.4	5.5	55.4		
78	—	—	—	18	18	20	—	—	—	—	—	—		
568	—	27	—	67	126	85	80	183	15.3	83.5	46.3	83.5		
5 767	238	386	398	1 253	2 317	844	211	140	12.3	60.7	6.1	60.7		
98	—	—	—	61	21	16	—	—	—	—	—	—		
157	—	—	—	42	76	39	—	20	—	—	—	—		
388	45	21	21	132	86	63	—	—	—	—	—	—		
376	—	12	20	21	193	130	20	—	—	—	—	—		
197	—	34	34	36	143	20	24	19	—	—	—	—		
232	—	19	21	93	93	20	—	—	—	—	—	—		
1 829	112	193	162	360	785	194	23	—	12.1	54.8	1.3	54.8		
84	—	23	—	61	61	34	—	—	11.3	44.3	—	44.3		
465	20	48	83	108	172	34	—	—	—	—	—	—		
286	92	16	20	46	112	—	—	—	—	—	—	—		
25	—	—	—	—	25	—	—	—	—	—	—	—		
20	—	—	—	—	—	—	—	—	—	—	—	—		
365	—	20	20	60	204	42	—	—	—	—	—	—		
143	—	86	—	23	84	36	—	—	—	—	—	—		
441	—	—	—	123	188	21	23	20	12.1	52.6	5.2	52.6		
493	21	—	—	37	259	131	14	21	12.7	88.2	9.1	88.2		
347	60	125	154	63	185	75	14	21	10.7	34.4	—	34.4		
1 095	—	16	20	88	379	112	105	60	12.9	78.4	28.7	78.4		
575	—	—	—	—	174	—	—	—	—	—	—	—		
3 127	407	415	345	832	674	325	76	53	10.4	36.1	4.1	36.1		
19	—	—	—	—	—	—	—	—	—	—	—	—		
23	—	—	—	—	23	—	—	—	—	—	—	—		
164	45	17	26	58	40	21	—	—	—	—	—	—		
61	—	—	—	—	—	18	—	—	—	—	—	—		
70	—	19	—	27	24	—	—	—	—	—	—	—		
2 177	349	328	241	629	397	176	57	—	9.8	28.9	2.6	28.9		
146	—	18	38	48	42	—	—	—	—	—	—	—		
1 055	222	205	109	315	139	65	—	—	8.9	19.3	—	19.3		
16	—	—	—	16	—	—	—	—	—	—	—	—		
46	47	19	33	21	—	—	—	—	—	—	—	—		
274	—	—	—	62	90	—	23	—	—	—	—	—		
131	80	86	36	78	19	—	34	—	—	—	—	—		
509	—	—	—	89	107	111	—	—	10.8	42.8	—	42.8		
35	—	—	—	—	15	—	—	—	—	—	—	—		
174	13	—	—	—	32	91	—	—	—	—	—	—		
283	—	37	58	64	109	19	—	—	—	—	—	—		
121	178	159	57	252	321	23	75	15	10.7	40.2	8.3	40.2		
1 080	—	—	—	—	—	—	—	—	—	—	—	—		

Includes transportation, communications, and other public utilities—allocated.

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more		
	Elementary		High school		College										
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4	5 or more							
Total	36	87	86	59	—	—	—	86	19	—	—	—	—	—	—
Female, 16 years old and over—Con.	935	22	—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers—Continued	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Decorators and window dressers	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dental laboratory technicians	131	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electric power linemen and cablemen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engravers, except photoengravers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.	5 840	560	800	806	1 372	1 718	—	413	123	48	—	—	—	—	—
Construction	58	12	46	46	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	4 068	409	697	554	1 060	1 035	—	204	87	22	—	—	—	—	—
Metal industries	140	21	—	17	—	102	—	—	—	—	—	—	—	—	—
Machinery, except electrical	99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical machinery, equipment, and supplies	304	—	69	86	—	104	—	—	—	—	—	—	—	—	—
Transportation equipment	22	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other durable goods	506	41	45	55	142	183	—	18	—	22	—	—	—	—	—
Food and kindred products	460	26	106	78	460	39	—	62	—	—	—	—	—	—	—
Furriers	1 987	322	421	232	508	380	—	85	39	—	—	—	—	—	—
Textiles, textile products, and apparel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other nondurable goods, including not specified manufacturing	550	20	35	86	174	148	—	39	48	—	—	—	—	—	—
Transportation	63	—	—	39	—	24	—	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services	90	—	—	113	—	51	—	39	—	—	—	—	—	—	—
Wholesale and retail trade	960	80	64	64	183	413	—	81	—	26	—	—	—	—	—
All other industries ¹	601	59	39	54	129	195	—	89	36	—	—	—	—	—	—
Furniture and wood finishers	146	21	58	24	—	43	—	—	—	—	—	—	—	—	—
Furriers	50	20	—	—	18	12	—	—	—	—	—	—	—	—	—
Glaziers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Inspectors, scalers, and graders, log and lumber	44	23	—	—	—	21	—	—	—	—	—	—	—	—	—
Inspectors, n.e.c.	400	37	119	—	82	149	—	13	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Railroads and railway express service	21	—	—	—	—	21	—	—	—	—	—	—	—	—	—
Jewelers and watchmakers	331	45	38	40	70	138	—	—	—	—	—	—	—	—	—
Locomotive engineers	33	—	—	—	—	33	—	—	—	—	—	—	—	—	—
Locomotive firemen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mechanics and repairmen	2 201	144	316	406	466	692	—	159	18	—	—	—	—	—	—
Air conditioning, heating, and refrigeration	55	—	—	—	—	31	—	24	—	—	—	—	—	—	—
Aircraft	241	—	—	68	41	120	—	12	—	—	—	—	—	—	—
Automobile body repairmen	23	—	—	—	—	23	—	—	—	—	—	—	—	—	—
Automobile mechanics	555	63	115	74	80	150	—	73	—	—	—	—	—	—	—
Automobile mechanic apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Data processing machine repairmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Farm implement	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Heavy equipment mechanics, including diesel	458	22	118	64	91	142	—	21	—	—	—	—	—	—	—
Household appliance and accessory installers and mechanics	25	—	25	—	—	—	—	—	—	—	—	—	—	—	—
Loom fixers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Office machine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio and television	321	42	36	40	55	148	—	—	—	—	—	—	—	—	—
Railroad and car shop	17	—	—	—	—	17	—	—	—	—	—	—	—	—	—
Mechanics, except auto, apprentices	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	438	17	22	114	177	61	—	29	18	—	—	—	—	—	—
Manufacturing	279	17	22	61	116	42	—	21	—	—	—	—	—	—	—
Not specified mechanics and repairmen	68	—	—	46	22	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics	1 641	240	305	281	320	481	—	14	—	—	—	—	—	—	—
Blacksmiths	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Boiler-makers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

¹Includes transportation, communications, and other public utilities—allocated.

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Total	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
		Elementary		High school		College			5 or more						
		Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Female, 16 years old and over—Con.															
Craftsmen and kindred workers—Continued															
Metal craftsmen, except mechanics—Continued	63	20	22	21	—	—	—	—	—	—	—	—	—	—	—
Forgemen and hammermen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Heat treaters, annealers, and temperers	162	—	—	—	108	54	—	—	—	—	—	—	—	—	—
Job and die setters, metal	711	127	120	168	73	223	67	—	—	—	—	—	—	—	31.4
Machinists	67	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Machinist apprentices	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Millwrights	196	46	20	54	76	—	—	—	—	—	—	—	—	—	—
Molders, metal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Molder apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pattern and model makers, except paper	84	—	35	19	—	30	—	—	—	—	—	—	—	—	—
Rollers and finishers, metal	107	—	88	—	—	19	—	—	—	—	—	—	—	—	—
Sheetmetal workers and fitters	228	22	20	—	40	132	14	—	—	—	—	—	—	—	—
Sheetmetal apprentices	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shiptfitters	44	25	—	19	—	—	—	—	—	—	—	—	—	—	—
Tool and die makers	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tool and die maker apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Millers, grain, flour, and feed	16	—	—	—	—	16	—	—	—	—	—	—	—	—	—
Motion picture projectionists	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Opticians, and lens grinders and polishers	372	—	108	39	63	123	—	—	—	—	—	—	—	—	—
Piano and organ tuners and repairmen	19	—	—	—	19	—	—	—	—	—	—	—	—	—	—
Power station operators	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Printing craftsmen	2 981	175	384	382	818	947	18	—	—	—	—	—	—	—	0.6
Bookbinders	1 271	154	141	182	411	298	85	—	—	—	—	—	—	—	41.0
Compositors and typesetters	723	—	80	92	118	321	94	—	—	—	—	—	—	—	59.9
Printing trades apprentices, except pressmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrotypers and stereotypers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Photoengravers and lithographers	75	—	—	—	—	17	58	—	—	—	—	—	—	—	—
Pressmen and plate printers, printing	912	21	163	108	272	270	78	—	—	—	—	—	—	—	38.2
Pressman apprentices	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shoe repairmen	558	135	138	125	41	58	39	—	—	—	—	—	—	—	21.3
Sign painters and letterers	112	—	60	13	20	19	—	—	—	—	—	—	—	—	—
Stationary engineers	22	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stone cutters and stone carvers	2 125	382	450	293	546	266	147	—	—	—	—	—	—	—	21.4
Tailors	240	—	55	18	20	126	21	—	—	—	—	—	—	—	—
Telephone installers and repairmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Telephone linemen and splicers	520	54	118	113	127	108	—	—	—	—	—	—	—	—	—
Upholsterers	289	58	41	31	59	58	19	—	—	—	—	—	—	—	—
Craftsmen and kindred workers, n.e.c.	104	—	—	22	82	82	23	—	—	—	—	—	—	—	—
Former members of the Armed Forces	780	146	170	60	136	188	80	—	—	—	—	—	—	—	—
Craftsmen and kindred workers—allocated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	309 871	43 521	73 116	47 230	72 057	62 439	7 970	2 119	1 419	—	—	—	—	—	8.8
Asbestos and insulation workers	43	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Assemblers	36 158	2 103	6 087	4 546	10 423	11 370	1 296	151	182	—	—	—	—	—	36.0
Blasters and powdermen	44	—	24	—	20	—	—	—	—	—	—	—	—	—	—
Bottling and canning operatives	2 649	637	734	329	645	285	19	—	—	—	—	—	—	—	11.5
Chairmen, rodmen, and axmen, surveying	14 499	1 196	2 330	1 754	3 838	4 602	629	150	—	—	—	—	—	—	37.1
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clothing ironers and pressers	11 772	2 686	4 139	1 415	2 069	1 260	143	21	39	—	—	—	—	—	7.3
Cutting operatives, n.e.c.	3 904	611	822	703	909	725	36	62	36	—	—	—	—	—	8.7
Dressmakers and seamstresses, except factory	5 927	425	1 351	1 035	1 231	1 370	367	129	19	—	—	—	—	—	9.4
Drillers, earth	195	—	102	19	56	18	—	—	—	—	—	—	—	—	—
Dry wall installers and lathers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dyers	97	—	—	40	27	30	—	—	—	—	—	—	—	—	—
Garage workers and gas station attendants	546	—	121	90	245	77	13	—	—	—	—	—	—	—	9.8

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school		College		5 or more		1 to 3	4				
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Female, 16 years old and over—Con.														
Operatives, except transport—Continued														
Miscellaneous and not specified operatives—Continued														
Industry:														
Manufacturing														
Durable goods	48 274	5 565	11 057	7 685	12 637	9 400	1 486	215	229	9.0	23.5	0.9		
Lumber and wood products, except furniture	20 994	1 772	4 284	3 447	6 123	4 316	814	108	130	9.5	25.6	1.1		
Furniture and fixtures	1 022	80	73	41	208	18	—	—	24	9.4	9.5	5.4		
Stone, clay, and glass products	946	57	296	227	314	85	43	—	—	8.7	12.5	—		
Glass and glass products	226	107	365	52	281	141	—	—	—	8.0	14.9	—		
Cement, concrete, gypsum, and plaster products	60	14	113	32	20	37	—	—	—	—	—	—		
Other stone, clay, and glass products	660	69	21	20	261	79	—	—	—	9.1	12.0	—		
Primary metal industries	533	75	124	103	103	105	23	—	—	8.7	24.0	—		
Blast furnaces, steelworks, and rolling and finishing mills	91	—	53	—	23	15	—	—	—	—	—	—		
Other primary iron and steel industries	168	35	49	66	—	18	—	—	—	—	—	—		
Primary nonferrous industries	274	40	22	37	80	72	23	—	—	—	—	—		
Fabricated metal industries, including not specified metal	1 944	207	514	370	475	314	64	—	—	8.7	19.4	—		
Cutlery, hand tools, and other hardware	359	43	69	71	76	59	41	—	—	—	—	—		
Fabricated structural metal products	395	47	99	97	103	49	—	—	—	—	—	—		
Screw machine products, & metal stamping	409	62	127	100	59	61	—	—	—	8.2	14.9	—		
Miscellaneous fabricated metal products and not specified metal	781	55	219	102	237	145	23	—	—	9.2	21.5	—		
Machinery, except electrical	1 437	153	366	188	335	323	50	—	22	9.1	27.5	1.5		
Farm machinery and equipment	34	34	—	—	—	—	—	—	—	—	—	—		
Construction & material handling machines	38	—	—	38	—	—	—	—	—	—	—	—		
Metalworking machinery	101	18	39	—	21	23	—	—	—	—	—	—		
Office and accounting machines, and electronic computing equipment	407	59	57	75	96	98	—	—	22	9.4	29.5	5.4		
Other machinery, except electrical	857	42	270	75	218	202	50	—	—	9.6	29.4	—		
Electrical machinery, equipment, and supplies	6 110	399	1 009	957	1 922	1 457	273	64	29	10.1	29.8	1.5		
Household appliances	207	46	40	40	44	37	—	—	—	—	—	—		
Radio, T.V., and communication equipment	1 572	107	262	279	420	407	97	—	—	10.0	32.1	—		
Electrical machinery, equipment, and supplies, n.e.c.	3 650	191	524	519	1 269	878	176	64	29	10.4	31.4	2.5		
Not specified electrical machinery, equipment, and supplies	681	55	183	119	189	135	—	—	—	8.9	19.8	—		
Transportation equipment	999	57	147	108	364	233	90	—	—	10.5	32.3	—		
Motor vehicles & motor vehicle equipment	378	20	63	35	115	106	39	—	—	—	—	—		
Aircraft and parts	461	20	41	73	206	89	32	—	—	10.4	26.2	—		
Other transportation equipment	160	17	43	—	43	38	19	—	—	—	—	—		
Professional and photographic equipment, and watches	1 291	59	223	265	359	323	62	—	—	9.8	29.8	—		
Professional equipment and supplies	993	59	203	183	256	230	62	—	—	9.6	29.4	—		
Ordnance	453	8	37	41	114	253	—	—	—	12.1	55.8	—		
Miscellaneous manufacturing industries	5 717	570	1 090	1 095	1 626	1 028	209	44	55	9.2	23.4	1.7		
Durable goods—allocated	98	—	40	—	22	36	—	—	—	—	—	—		
Nondurable goods	26 265	3 684	6 356	4 089	6 392	4 866	672	107	99	8.8	21.9	0.8		
Food and kindred products	5 592	1 154	1 343	662	1 498	789	106	19	21	8.5	16.7	0.7		
Meat products	777	189	157	54	271	106	—	—	—	8.8	13.6	—		
Dairy products	38	—	—	—	—	16	—	—	—	—	—	—		
Canning and preserving fruits, vegetables, and seafoods	2 978	763	856	468	561	261	29	19	21	7.5	11.1	1.3		
Bakery products	554	62	66	—	299	113	14	—	—	10.5	22.9	—		
Beverage industries	89	—	—	—	48	—	21	—	—	—	—	—		
Other food and kindred products	1 156	140	264	120	319	293	20	—	—	9.5	27.1	—		

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College			5 or more					
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4						
Total	98	255	170	79	57	—	—	—	—	—	7.7	8.6	—
Female, 16 years old and over—Con.	659	1 721	1 108	1 396	1 270	21	—	—	—	—	8.6	22.2	0.6
Operatives, except transport—Continued	7 707	2 205	1 879	1 447	990	21	—	—	—	—	8.7	20.9	0.8
Miscellaneous and not specified operatives—Continued	6 011	1 688	1 229	1 406	406	53	—	—	—	—	8.5	27.1	—
Industry—Continued	1 696	517	229	274	406	—	—	—	—	—	—	—	—
Manufacturing—Continued	2 836	652	487	740	593	38	—	—	—	—	8.9	23.0	0.8
Nondurable goods—Continued	454	75	65	98	102	19	—	—	—	—	9.4	31.5	4.8
Tobacco manufactures	1 149	337	235	248	203	—	—	—	—	—	8.5	17.7	—
Miscellaneous paper and pulp products	1 233	240	187	394	288	19	—	—	—	—	9.6	24.9	—
Apparel and other fabricated textile products	1 859	386	282	534	438	111	—	—	—	—	10.1	31.8	—
Miscellaneous fabricated textile products	1 822	386	282	534	417	95	—	—	—	—	10.0	30.4	—
Paper and allied products	1 057	123	277	250	189	47	—	—	—	—	9.0	25.2	—
Pulp, paper, and paperboard mills	42	—	22	—	—	20	—	—	—	—	—	—	—
Miscellaneous paper and pulp products	20	20	120	38	86	—	—	—	—	—	—	—	—
Miscellaneous paper and pulp products	334	103	135	192	103	27	—	—	—	—	9.3	24.2	—
Paperboard containers and boxes	661	71	109	122	218	—	—	—	—	—	—	—	—
Printing, publishing, and allied industries, except newspapers	24	—	562	—	24	—	—	—	—	—	—	—	—
Chemicals and allied products	3 808	883	72	1 073	888	45	—	—	—	—	9.3	24.5	—
Industrial chemicals	705	134	72	166	191	45	—	—	—	—	9.9	33.5	—
Synthetic fibers	3 103	749	490	907	697	—	—	—	—	—	9.2	22.5	—
Soaps and cosmetics	2 672	509	541	477	492	25	—	—	—	—	8.5	21.4	—
Other chemicals and allied products	1 000	18	21	21	18	—	—	—	—	—	—	—	—
Petroleum and coal products	736	114	118	159	238	—	—	—	—	—	9.5	32.3	—
Rubber products	1 836	437	402	297	254	37	—	—	—	—	8.2	17.2	—
Rubber and miscellaneous plastic products	1 015	417	149	122	218	—	—	—	—	—	7.9	21.5	—
Rubber products	6 635	1 472	826	1 502	1 476	214	—	—	—	—	8.9	26.4	—
Miscellaneous plastic products	25	—	21	—	23	—	—	—	—	—	—	—	—
Leather and leather products	280	120	—	37	40	—	—	—	—	—	—	—	—
Tanned, curried, and finished leather	85	24	—	24	—	—	—	—	—	—	—	—	—
Footwear, except rubber	2 400	557	196	564	564	37	—	—	—	—	9.0	26.7	—
Leather products, except footwear	1 160	238	186	282	296	54	—	—	—	—	9.0	25.5	—
Nonleather goods—allocated	183	47	26	25	61	—	—	—	—	—	10.1	28.1	—
Not specified manufacturing industries	1 798	362	349	342	285	24	—	—	—	—	8.6	23.6	—
Nonmanufacturing industries	13 917	3 290	1 690	2 075	1 923	136	63	—	—	—	7.1	15.5	—
Construction	3 322	320	568	1 089	859	176	—	—	—	—	10.4	32.9	—
Railroads and railway express service	1 218	117	192	470	339	56	—	—	—	—	10.8	34.2	—
Transportation, except railroads	15	23	—	234	202	—	—	—	—	—	11.0	37.2	—
Communications, and utilities and sanitary services	599	63	56	55	—	—	—	—	—	—	—	—	—
Wholesale trade	76	—	—	—	—	—	—	—	—	—	—	—	—
Retail trade	688	66	26	25	61	—	—	—	—	—	—	—	—
Business and repair services	183	321	349	342	285	—	—	—	—	—	—	—	—
Public administration	1 798	362	349	342	285	—	—	—	—	—	—	—	—
All other industries ¹	13 917	4 701	1 690	2 075	1 923	136	63	—	—	—	—	—	—
Operatives, except transport—allocated	3 322	320	568	1 089	859	176	—	—	—	—	—	—	—
Transport equipment operatives	1 218	117	192	470	339	56	—	—	—	—	10.8	34.2	—
Boatmen and canalmen	15	23	—	234	202	—	—	—	—	—	—	—	—
Bus drivers	599	63	56	55	—	—	—	—	—	—	—	—	—
Conductors and motormen, urban rail transit	76	—	—	—	—	—	—	—	—	—	—	—	—
Deliverymen and roulemen	33	—	—	16	—	—	—	—	—	—	—	—	—
Fork lift and tow motor operatives	18	—	—	—	—	—	—	—	—	—	—	—	—
Motormen; mine, factory, logging camp, etc.	54	—	—	—	—	—	—	—	—	—	—	—	—
Parking attendants	244	81	59	40	—	—	—	—	—	—	—	—	—
Railroad brakemen	841	71	195	190	64	—	—	—	—	—	10.1	35.3	—
Railroad switchmen	66	—	—	—	—	—	—	—	—	—	—	—	—
Taxicab drivers and chauffeurs	224	—	—	—	—	—	—	—	—	—	—	—	—
Truck drivers	66	—	—	—	—	—	—	—	—	—	—	—	—
Trucking service	224	—	—	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives—allocated	1 218	117	192	470	339	56	—	—	—	—	—	—	—

¹Includes transportation, communications, and other public utilities—allocated.

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Years of school completed						Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school		College				
	Less than 5	5 to 7	1 to 3	4	1 to 3	4				5 or more
Total									
Female, 16 years old and over—Con.									
15 646	2 324	3 322	1 879	4 401	3 130	540	31	19	0.3
Animal caretakers, except farm	39	56	40	91	135	42	—	—	23.8
Carpenters' helpers	—	28	—	—	—	22	—	—	43.9
Construction laborers, except carpenters' helpers	239	206	102	239	202	17	—	—	21.8
Fishermen and oystermen	42	—	—	—	20	—	—	—	—
Freight and material handlers	171	516	108	523	478	88	—	—	30.0
Garbage collectors	23	—	23	—	—	—	—	—	—
Gardeners and groundskeepers, except farm	512	153	43	82	40	33	—	—	14.3
Longshoremen and stevedores	33	33	—	—	—	—	—	—	—
Lumbermen, raftsmen, and woodchoppers	24	—	—	24	—	—	—	—	—
Stock handlers	4 701	360	450	1 699	1 276	210	—	—	31.6
Teamsters	—	—	—	—	—	—	—	—	—
Vehicle washers and equipment cleaners	785	131	173	248	102	20	19	—	18.0
Warehousemen, n.e.c.	256	77	15	83	61	20	—	—	—
Miscellaneous and not specified laborers	5 090	1 061	787	1 256	670	19	12	19	14.1
Occupation:									
Miscellaneous laborers	1 444	272	207	491	135	—	—	—	9.3
Not specified laborers	3 646	994	580	765	535	19	12	19	16.0
Industry:									
Manufacturing	3 011	829	529	670	444	—	—	—	8.3
Durable goods	1 288	200	181	276	145	—	—	—	7.9
Lumber and wood products, except furniture	24	—	—	—	—	—	—	—	—
Furniture and fixtures	142	18	40	17	41	—	—	—	—
Stone, clay, and glass products	50	26	—	23	—	—	—	—	—
Cement, concrete, gypsum, and plaster products	27	—	—	—	—	—	—	—	—
Structural clay products	—	—	—	—	—	—	—	—	—
Other stone, clay, and glass products	23	—	—	23	—	—	—	—	—
Primary metal industries	93	24	—	26	—	—	—	—	—
Blast furnaces, steel works, and rolling and finishing mills	50	—	—	—	—	—	—	—	—
Other primary iron and steel industries	43	24	—	26	—	—	—	—	—
Primary nonferrous industries	—	—	—	—	—	—	—	—	—
Fabricated metal industries, including not specified metal	378	88	25	72	41	—	—	—	—
Fabricated structural metal products	41	41	—	—	—	—	—	—	—
Machinery, except electrical	38	—	—	38	—	—	—	—	—
Electrical machinery, equipment, and supplies	148	67	17	21	43	—	—	—	—
Transportation equipment	115	68	—	47	—	—	—	—	—
Motor vehicles & motor vehicle equipment	—	26	—	23	—	—	—	—	—
Ship and boat building and repairing	44	20	—	24	—	—	—	—	—
Other transportation equipment	22	—	—	—	—	—	—	—	—
Professional and photographic equipment, and watches	69	18	19	32	—	—	—	—	—
Ordnance	33	13	—	—	20	—	—	—	—
Miscellaneous manufacturing industries	198	87	80	—	—	—	—	—	—
Manufacturing, durable goods—allocated									
Nondurable goods	1 631	341	333	394	255	—	—	—	15.6
Food and kindred products	697	148	171	177	23	—	—	—	3.3
Meat products	23	—	23	—	—	—	—	—	—
Dairy products	—	—	—	—	—	—	—	—	—
Canning and preserving fruits, vegetables, and seafoods	—	—	—	—	—	—	—	—	—
Grain-mill products	422	78	76	87	23	—	—	—	5.5
Beverage industries	—	—	—	—	—	—	—	—	—
Other food and kindred products	15	15	—	—	—	—	—	—	—
Other food and kindred products	237	55	72	90	—	—	—	—	—

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more	
	Elementary		High school			College			5 or more					
	Less than 5	5 to 7	8	1 to 3	4	1 to 3	4							
Total														
Female, 16 years old and over—Con.														
Laborers, except farm—Continued														
Miscellaneous and not specified laborers—Continued														
Industry—Continued														
Manufacturing—Continued														
Nonurable goods—Continued														
Tobacco manufactures	24	—	—	—	—	—	—	—	—	—	—	—	—	—
Textile mill products	137	—	—	—	—	—	—	—	—	—	—	—	—	—
Yarn, thread, and fabric mills	28	—	—	—	—	—	—	—	—	—	—	—	—	—
Other textile mill products	90	22	—	25	—	—	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products	175	35	75	20	45	—	—	—	—	—	—	—	—	—
Paper and allied products	161	27	—	28	42	—	—	—	—	—	—	—	—	—
Pulp, paper, and paperboard mills	28	—	—	28	42	—	—	—	—	—	—	—	—	—
Other paper and allied products	133	27	—	14	64	—	—	—	—	—	—	—	—	—
Printing, publishing, and allied industries	69	—	19	—	64	—	—	—	—	—	—	—	—	—
Chemicals and allied products	77	—	—	—	36	—	—	—	—	—	—	—	—	—
Petroleum and coal products	—	—	—	—	25	—	—	—	—	—	—	—	—	—
Rubber and miscellaneous plastic products	76	18	—	—	52	—	—	—	—	—	—	—	—	—
Leather and leather products	177	19	—	—	39	—	—	—	—	—	—	—	—	—
Nonurable goods—allocated	38	—	79	19	58	—	—	—	—	—	—	—	—	—
Not specified manufacturing industries	92	—	33	15	—	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries	2 079	553	437	258	586	226	19	—	—	—	—	—	—	—
Railroads and railway express	61	20	14	—	—	—	—	—	—	—	—	—	—	—
Transportation, except railroads	66	—	—	19	—	—	—	—	—	—	—	—	—	—
Comm., and utilities and sanitary services	54	—	—	18	15	21	—	—	—	—	—	—	—	—
Transportation, communications, and other public utilities—allocated	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wholesale trade	555	210	147	69	112	17	—	—	—	—	—	—	—	—
Retail trade	492	209	86	75	79	24	19	—	—	—	—	—	—	—
Business and repair services	202	221	109	27	66	24	—	—	—	—	—	—	—	—
Personal services	21	96	18	26	59	22	—	—	—	—	—	—	—	—
Private households	118	96	—	—	22	22	—	—	—	—	—	—	—	—
Public administration	25	—	—	—	25	—	—	—	—	—	—	—	—	—
All other industries	401	18	63	24	230	66	—	—	—	—	—	—	—	—
Laborers, except farm—allocated	818	159	150	138	156	146	69	—	—	—	—	—	—	—
Farmers and farm managers	1 065	140	190	156	137	338	80	24	—	—	—	—	—	—
Farmers, owners and tenants	861	122	168	108	85	296	58	24	—	—	—	—	—	—
Farm managers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Farmers and farm managers—allocated	204	18	22	48	52	42	22	—	—	—	—	—	—	—
Farm laborers and farm foremen	23 369	9 317	6 915	2 248	3 306	1 322	197	38	26	—	—	—	—	—
Farm foremen	151	43	37	—	27	23	21	—	—	—	—	—	—	—
Farm laborers, wage workers	21 440	8 468	6 563	2 098	3 035	1 084	154	38	—	—	—	—	—	—
Farm laborers, unpaid family workers	451	38	78	97	117	121	—	—	—	—	—	—	—	—
Farm service laborers, self-employed	68	—	—	—	28	14	—	—	—	—	—	—	—	—
Farm laborers and farm foremen—allocated	1 259	768	237	53	99	80	22	—	—	—	—	—	—	—
Service workers, except private household	197 387	23 017	30 329	21 983	53 193	55 474	11 599	1 287	505	—	—	—	—	—
Cleaning service workers	36 437	7 662	9 288	5 149	8 306	5 031	770	160	91	—	—	—	—	—
Chambermaids and maids, except private household	13 929	2 864	3 366	2 003	3 195	2 132	263	45	61	—	—	—	—	—
Cleaners and charwomen	14 988	3 039	4 193	2 176	3 334	1 883	311	22	30	—	—	—	—	—
Janitors and sextons	7 520	1 759	1 709	970	1 777	1 016	196	93	—	—	—	—	—	—
Food service workers	68 501	8 250	11 645	9 145	21 552	15 373	2 317	202	17	—	—	—	—	—
Bartenders	614	106	76	42	177	197	16	—	—	—	—	—	—	—
Busboys	954	152	174	135	255	218	20	—	—	—	—	—	—	—
Cooks, except private household	17 826	3 447	3 798	2 733	4 270	3 241	337	—	—	—	—	—	—	—
Dishwashers	4 137	1 584	912	512	793	62	82	—	—	—	—	—	—	—
Food counter and fountain workers	4 174	112	692	532	1 576	1 179	83	—	—	—	—	—	—	—

Table 7. Years of School Completed by Persons of Spanish Origin in the Experienced Civilian Labor Force by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Years of school completed										Median school years completed	Percent completed 4 years of high school or more	Percent completed 4 years of college or more
	Elementary		High school				College						
	Less than 5	5 to 7	8	1 to 3	4	5 or more	1 to 3	4	5 or more				
Female, 16 years old and over—Con.													
Service workers, except private household—Con.													
Food service workers—Continued													
Waiters	1 429	3 616	3 039	10 995	8 035	1 392	145	10.7	33.4	0.5			
Food service workers, n.e.c., except private household	1 420	2 377	2 152	3 486	2 229	407	57	9.1	22.3	0.6			
Health service workers	1 167	4 074	3 045	11 208	16 071	4 634	394	12.1	52.2	1.4			
Dental assistants	—	36	41	647	1 784	591	18	12.5	77.0	1.7			
Health aides, except nursing	66	361	291	1 109	1 513	622	141	12.2	55.7	3.8			
Health trainees	—	16	—	43	107	148	—	—	—	—			
Lay midwives	41	—	—	—	—	—	—	—	—	—			
Nursing aides, orderlies, and attendants	24 480	9 654	2 386	7 560	8 447	1 476	155	11.2	41.3	0.8			
Practical nurses	8 602	2 099	327	1 849	4 182	1 797	80	12.4	71.2	1.7			
Personal service workers	34 293	2 480	2 988	8 163	15 769	3 157	444	12.2	57.0	1.8			
Airline stewardesses	727	—	—	21	301	322	83	13.4	97.1	11.4			
Attendants, recreation and amusement	578	—	16	202	233	80	47	12.3	62.3	8.1			
Attendants, personal service, n.e.c.	954	118	42	121	423	155	19	12.3	62.6	2.0			
Baggage porters and bellhops	34	—	—	17	—	—	—	—	—	—			
Barbers	282	62	102	41	33	—	—	—	—	—			
Boarding and lodging house keepers	130	54	18	18	21	—	—	—	—	—			
Bootblacks	—	—	—	—	—	—	—	—	—	—			
Child care workers, except private household	4 824	527	575	1 299	1 571	397	47	11.1	41.8	1.0			
Elevator operators	757	178	39	217	241	43	—	10.7	37.5	1.4			
Hairdressers and cosmetologists	21 369	1 070	1 663	4 861	11 306	1 810	182	12.2	62.7	—			
Personal service apprentices	72	25	—	—	23	—	—	—	—	—			
Housekeepers, except private household	2 521	314	390	608	796	177	43	11.0	41.6	3.0			
School monitors	962	18	69	274	488	95	18	12.2	62.5	1.9			
Ushers, recreation and amusement	80	—	—	57	23	—	—	—	—	—			
Welfare service aides	1 075	139	74	427	333	61	—	11.2	38.8	2.1			
Protective service workers	1 651	225	60	423	635	145	—	11.8	48.6	1.3			
Crossing guards and bridge tenders	866	163	35	232	319	44	—	11.1	41.9	—			
Firemen, fire protection	18	—	—	—	18	—	—	—	—	—			
Guards and watchmen	—	—	—	83	192	44	—	—	—	—			
Marshals and constables	—	62	—	—	—	—	—	—	—	—			
Policemen and detectives	386	—	25	108	106	—	—	—	—	—			
Public	260	—	25	87	64	—	—	—	—	—			
Private	126	—	—	21	42	—	—	—	—	—			
Sheriffs and bailiffs	—	—	—	—	—	—	—	—	—	—			
Service workers, except private household—allocated	15 736	2 637	1 596	3 541	2 595	576	87	8.3	20.8	0.7			
Private household workers	48 973	13 623	5 941	8 704	6 143	1 002	239	7.5	15.4	0.8			
Child care workers, private household	6 926	1 362	766	1 692	1 507	321	66	9.3	27.7	1.3			
Cooks, private household	1 208	585	87	171	60	—	—	6.6	6.4	1.4			
Housekeepers, private household	7 313	1 811	926	1 267	1 084	126	63	7.7	17.7	1.1			
Laundresses, private household	326	42	21	31	56	17	—	—	—	—			
Maids and servants, private household	29 671	7 765	3 753	5 042	3 119	538	110	7.3	13.0	0.6			
Private household workers—allocated	3 529	781	388	279	317	—	—	5.0	9.0	—			
Living arrangement:													
Living in	9 496	2 691	902	1 186	1 421	358	24	7.1	19.2	0.5			
Housekeepers, private household	602	569	203	292	402	88	24	7.6	23.6	1.1			
Maids and servants, private household	6 156	1 642	503	799	944	254	—	7.0	19.8	0.3			
Living out	39 477	10 932	5 039	7 518	4 722	644	215	7.6	14.4	0.8			
Unemployed persons, last worked 1959 or earlier	2 831	491	377	574	671	203	48	9.4	32.6	1.7			