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**ABSTRACT**

The report presents tabular data on occupation and years of school completed by age for the civilian labor force, by sex, race and Spanish origin, obtained from the 1980 Census/Equal Employment Opportunity (EEO) Special File. All tables list males and females separately for each category. Table 1 lists totals for 613 labor force categories, then Spanish origin workers in that category, then workers not of Spanish origin (White; Black; American Indian, Eskimo, and Aleut; Asian and Pacific Islander; and Others, e.g., such write-in Census entries as Eurasian, Mexican, Cuban, and Puerto Rican). For example, under Spanish origin, Table 1 shows 146 male and 34 female legislators, 9,548 male and 7,191 female postsecondary teachers, and 32,032 male and 74,280 female teachers other than postsecondary. Table 2 lists data for the 613 occupational categories, with columns for totals and each non-Spanish origin group. Table 3 shows years of school completed in 8 age ranges (from 16 to over 70 years) with columns for totals, Spanish origin people, and each non-Spanish origin group. Table 4 presents data for the same age ranges and years of schooling categories in columns for totals and the non-Spanish origin groups. (MH)

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# 1980 Census of Population

## Detailed Occupation and Years of School Completed by Age, for the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

### SUPPLEMENTARY REPORT

PC80-S1-8

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Issued March 1983

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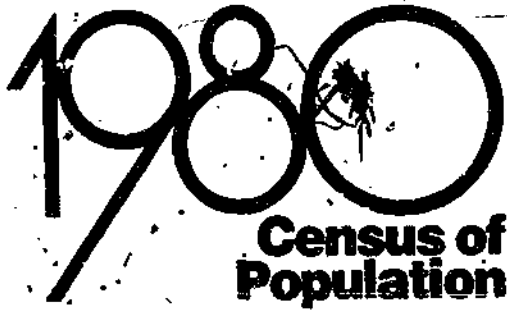
## Acknowledgments

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This report was prepared by persons in the Labor Force Statistics Branch of Population Division. John A. Priebe and Delana F. Kametani planned and coordinated the report, under the general supervision of Thomas S. Scopp, Chief, Labor Force Statistics Branch, under the direction of Gordon W. Green, Assistant Chief (Socio-economic Statistics Program). Jerome Glynn and Marie Pees of the Computer Applications and Processing Staff were responsible for the computer programming of the detailed tables.

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# Detailed Occupation and Years of School Completed by Age, for the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

## **SUPPLEMENTARY REPORT**

PC80-S1-8

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## Introduction

### BACKGROUND

This report presents data from the 1980 Census/Equal Employment Opportunity (EEO) Special File. The file was produced by the Bureau of the Census to help meet the needs of both government and private industry in planning EEO/Affirmative Action programs. Data from the 1980 Census of Population were used in preparing the file.

In 1978 the Census Bureau was contracted by a consortium of private companies to produce a set of special tabulations from the 1970 Census of Population that could be used for affirmative action program planning. Knowing that the demand would be even greater for these same types of data during the 1980's, the Census Bureau decided to produce the EEO Special File as a counterpart summary tape file using 1980 census data.

The following government agencies which are concerned with equal employment opportunity and civil rights issues contributed advice in establishing this file: the Equal Employment Opportunity Commission (EEOC); the Department of Labor, particularly the Office of Federal Contract Compliance Programs (OFCCP), the Employment and Training Administration (ETA), and the Office of Civil Rights; the Department of Justice; the Office of Personnel Management (OPM); and the Office of Federal Statistical Policy and Standards (OFSPS), which is now part of the Office of Management and Budget (OMB). The Census Bureau also received comments from companies in the private sector.

### CONTENTS OF THE TABLES

The tables present data by sex, race, and Spanish/Hispanic origin. Tables 1 and 2 show detailed occupation data; tables 3 and 4 present education by age data. The data are limited to United States totals. Comparable data for each State, county, and standard metropolitan statistical area (SMSA), and for each city with a population of 50,000 or more, are available from the EEO File in the form of computer summary tapes and microfiche. For further information on obtaining data for such areas, please write to the Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Census figures on the number of workers by occupation have generally been accepted as estimates for the number of workers who are "skilled." The number of "available skilled workers" is often needed for affirmative action plans or other EEO-related studies. The first two tables in this report address this need for work-experience data by furnishing counts of people in specific occupations.

Many entry-level jobs, apprenticeship programs, and other work situations, on the other hand, do not require a skill based on work experience (as measured by occupation) but instead require a certain level of educational attainment. Employers recruiting for such jobs or programs need to know the available pool of qualified potential applicants. The two tables for years of school completed by age of persons in the civilian labor force are designed to meet this need for data.

Summary Tape File 5 and the printed State reports, *Characteristics of the Population: Detailed Population Characteristics*, PC80-1-D, also will provide tables with other variables pertinent to affirmative action planning, such as income and earnings, veteran status, and occupation by industry.

### ACCURACY OF THE DATA

All the data shown in this report are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete-count results, because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error, which affects both sample and complete-count data, is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error, a description of the estimation procedure, and the method of calculating sampling errors are provided in the technical documentation for the EEO Special File. (Contact Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233 or call (301) 763-4100.) A similar detailed description of the accuracy of the data is contained in the Supplementary Report, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2.

## Definitions and Explanations

### REFERENCE WEEK

The data on labor force status relate to the calendar week preceding the week in which the respondents completed the questionnaires or were interviewed by enumerators. The reference week is not the same for all respondents because not all persons were enumerated during the same week. Since Census Day was April 1, 1980, the reference week for many respondents was the last week of March 1980.

### LABOR FORCE STATUS

**Civilian Labor Force**—The civilian labor force consists of persons classified as employed or unemployed according to the following criteria:

**Employed**—Employed persons include all civilians 16 years old and over who were either (a) "at work"—those who did any work at all during the reference week as paid employees or in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers on a family farm or in a family business; or (b) "with a job but not at work"—those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or volunteer work for religious, charitable, and similar organizations.

**Unemployed**—Persons are classified as unemployed if they are civilians 16 years old and over and (a) were neither "at work" nor "with a job but not at work" during the reference week, (b) were looking for work during the last 4 weeks, and (c) were available to

accept a job. Also included as unemployed are persons who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off.

Although the EEO Special File and this report contain data for the entire civilian labor force, occupation data are shown only for the "recent-experienced" civilian labor force (defined as persons employed in 1980 or unemployed having civilian work experience between 1975-1980).

**Unemployed, No Civilian Work Experience Since 1975**—Persons are classified as unemployed with no civilian work experience since 1975 if they reported themselves as unemployed at the time of the 1980 census and one of the following: (1) their last job since 1975 was in the Armed Forces; or (2) they last worked in 1974 or earlier; or (3) they reported that they had never worked.

### OCCUPATION

The data on occupation were obtained for the employed, the experienced unemployed, and persons 16 years old and over with work experience but not currently in the labor force. For the last two categories, the occupation is the most recent job that a person held during the previous five years. For an employed person the information is about the job held during the reference week. Those who were employed at two or more jobs reported the job at which they worked the greatest number of hours during the reference week.

**Classification System**—The occupation statistics utilize the detailed classification system developed for the 1980 Census of Population. This classification consists of 503 specific occupation categories arranged into 6 summary and 13 major

occupation groups. It is based on the 1980 *Standard Occupational Classification (SOC) Manual*, published by the U.S. Department of Commerce, Office of Federal Statistical Policy and Standards.

This report presents the 503 detailed occupation categories, plus a category for unemployed with no civilian work experience since 1975, and industry and class of worker subcategories for a few selected occupations. The publications *1980 Census of Population: Classified Index of Industries and Occupations, PHC80-R4*, U.S. Government Printing Office, Washington, D.C., 1982, and the *SOC Manual* provide information on the composition of the detailed categories.

**Comparability with 1970 Occupation Data**—Although the 1980 Census/EEO Special File is the counterpart file to the 1970 special tabulations, the 1980 data are not totally comparable to the 1970 data because of major differences between the classification systems used for coding occupations in 1970 and 1980. Prior to the 1980 census there was no government-wide standard on which to base the successive decennial census occupational classification system. In 1977 (revised in 1980) the Office of Federal Statistical Policy and Standards developed the SOC system for use by all Federal agencies. The 1980 census system is the first based on this SOC system.

One advantage of this new classification is greater consistency of occupation data among government sources. On the other hand, since many 1980 occupation groups and categories are only partially comparable to the ones in 1970, the differences will complicate EEO and other studies attempting to measure changes during the decade.

Some of the differences in the classification structure are as follows:

1. Working proprietors in sales and other sales managers who perform some of

## Definitions and Explanations

the same duties as the workers they supervise are now classified as "sales supervisors" rather than "managers."

2. "Cashiers" and some "counter clerks, except food" were transferred from "clerical" to "sales workers."
3. The farming occupations were expanded to include related off-farm activities, so some former "laborers" (e.g., gardeners) were transferred to this group.
4. Some 1970 "operatives" were moved to "precision production occupations," such as "butchers and meat cutters," "dressmakers," "drywall installers," and "precision assemblers."
5. Conversely, some 1970 "craft workers" moved to "machine operators" or to "transportation and material moving occupations." Examples are "job setters" (those who set up a machine for others), "printing press operators," "locomotive operating occupations," and "excavating and loading machine operators."

A more detailed description of the changes in the classification systems and the data will be presented in a technical paper equivalent to the technical paper which compared the 1960 system to the 1970 system.<sup>1</sup>

## INDUSTRY AND CLASS OF WORKER

This report shows data on major industry and class of worker subcategories for selected occupation groups. The information on industry and class of worker refers to the same job as the respondent's occupation. The industry statistics are based on the 1980 census detailed classification system developed from the U.S. Standard Industrial Classification (SIC) system. Definitions of the class of worker categories shown in this report are as follows:

**Salary Employees**—Persons who work for a private employer or for any Federal, State, or local governmental unit for wages, salary, commission, tips, pay-in-kind, or at piece rates; this category also includes persons who work as employees

of their own incorporated business or trade.

**Self-employed**—Those who work for profit or fees in their own unincorporated business, profession, or trade, or who operate a farm, or who work without pay in a family business or farm.

## RACE

**Definition**—The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. The data, therefore, represent self-classification by people according to the race with which they identify.

For persons who could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire, but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories, but marked "Other" and wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category; in the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire, but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, and Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or reported such entries as Canadian Indian, French American Indian, or

Spanish American Indian were classified as American Indian.

The category "Asian and Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, or Guamanian, as well as persons who provided write-in entries of such Asian and Pacific Islander groups as Cambodian, Laotian, Pakistani, and Fiji Islander under the "Other" race category.<sup>2</sup> Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above were classified accordingly. For example, entries of Nipponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc.

The category "Race, n.e.c." includes all persons not in the categories White, Black, American Indian, Eskimo and Aleut, and Asian and Pacific Islander mentioned previously. Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c." During the coding operations, each of the subgroups comprising "Race, n.e.c." as well as the write-in entries of Asian and Pacific Islander groups under the "Other" race category were identified separately. The Bureau plans to provide figures for the component groups in subsequent 1980 census reports.

If the race entry was missing on the questionnaire for a member of a household, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a household in a previously processed household was assigned.

**Comparability with 1970 Race Data**—Differences between the 1980 census and the 1970 census in reporting and processing seriously affect comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census; this difference in reporting has a substantial impact on the population totals and comparability for

<sup>1</sup> U.S. Bureau of the Census, *1970 Occupation and Industry Classification Systems in Terms of Their 1960 Occupation and Industry Elements*, (Technical Paper 26).

## Definitions and Explanations

the "White" population, and the "Race, n.e.c." or "Other" race population (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1960 than in 1970 reported their race as "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category.

As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally, in 1970, only 1 percent of Spanish origin persons were classified as "Other" race and 93 percent as "White." In 1980, a much larger proportion—38 percent—of Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 population totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

Data were collected separately for Eskimos and Aleuts in all states for the first time in the 1980 census. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes did not seriously affect the comparability of 1980 and 1970 data for the "American Indian, Eskimo, and Aleut" population.

The 1980 data on the Asian and Pacific Islander population reflect a high level of immigration during the 1970's, as well as a number of changes in census procedures. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded to include Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians, classified as "White" in 1970, were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census, but in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fiji Islander were identified and tabulated as "Asian and Pacific

Islander" in the 1980 census; in 1970, most of these groups were included in the "Other" race category. Also, in 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970, Eskimo and Aleut were substituted for these two categories in Alaska. Since the numbers of Hawaiians and Koreans in Alaska were small, this change does not have a significant impact on the comparability of the 1980 and 1970 data.

### SPANISH ORIGIN

**Definition**—Persons of Spanish/Hispanic origin or descent are those who classified themselves in one of the specific Spanish origin categories listed in question 7 on the questionnaire—Mexican, Puerto Rican, or Cuban—as well as those who indicated that they were of other Spanish/Hispanic origin. Persons reporting "other Spanish/Hispanic" origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, or they are Spanish origin persons identifying themselves generally as Spanish, Spanish American, Hispano, Latino, etc. Origin or descent can be viewed as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. Persons of Spanish origin may be of any race.

Persons of more than one type of Spanish origin and persons of both a Spanish and some other origin(s) who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin was not provided for the person's mother, then the first origin reported by the person was recorded. If any household member failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the sample edit operation according to available related information such as ancestry and place of birth reported for the household member. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race.

**Limitations of the Spanish Origin Data**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few states in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population, or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Census of Population Supplementary Report, *Persons of Spanish Origin by State: 1980*, PC80-S1-7.

**Comparability with 1970 Spanish Origin Data**—The 1980 figures on Spanish origin are not directly comparable with 1970 Spanish origin totals because of several factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvement explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included, the placement of the category "No, not Spanish/Hispanic" as the first category in that question. The corresponding category appeared last in the 1970 question. The category "Central or South American" was deleted because in 1970 some respondents misinterpreted the category; and the designations "Mexican-Amer." and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin



## Definitions and Explanations

was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

### AGE

The age classification is based on the age of the person in completed years as of April 1, 1980, and was determined from the response to questions on age at last birthday, and month and year of birth.

### YEARS OF SCHOOL COMPLETED

The data on years of school completed were based on the responses to the ques-

tions on the highest grade (or year) that the person had ever attended. Persons whose education was received in a foreign school system or an ungraded school, were instructed to report the approximate equivalent grade in the regular American school system. If a person were currently attending or did not finish the highest grade attended, he or she was tabulated as having completed the previous grade or year.

### SYMBOL AND ABBREVIATIONS USED IN TABLES

A dash "-" represents zero. The following abbreviations have been used in the tables:

admin. — administrative  
 bldg. — building  
 constr. — construction  
 engr. — engineering  
 exc. — except  
 insps. — inspectors  
 instr. — instrument  
 lab. — laboratory  
 mach. — machine  
 mechs. — mechanics  
 misc. — miscellaneous  
 n.e.c. — not elsewhere classified  
 prep. — preparation  
 proprs. — proprietors  
 pub. — public  
 refrig. — refrigeration  
 reps. — representatives  
 tech. — technical  
 trng. — training  
 trans. — transportation

### Facsimile of questionnaire items 28-30

28-30. Current or most recent job activity <i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</i>	28. A B C G O O D E F O O O G H J O O O K L M O O O
28. Industry a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31. <i>(Name of company, business, organization, or other employer)</i>	O O O 1 1 1 2 2 2 3 3 4 4
b. What kind of business or industry was this? <i>Describe the activity at location where employed.</i> <i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i>	5 5 6 6 7 7 8 8 9 9
c. Is this mainly — (Fill one circle) Manufacturing <input checked="" type="radio"/> Retail trade Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)	AF O NW O
29. Occupation a. What kind of work was this person doing? <i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i>	29. 1 N P Q O O O R S T O O O
b. What were this person's most important activities or duties? <i>(For example: Patient care, directing hitting police, supervising order clerks, assembling engines, operating grinding mill)</i>	U V W O O O X Y Z O O O
30: Was this person — (Fill one circle) Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/> Federal government employee <input type="radio"/> State government employee <input type="radio"/> Local government employee (city, county, etc.) <input type="radio"/> Self employed in own business, professional practice, or farm — Own business not incorporated <input type="radio"/> Own business incorporated <input type="radio"/> Working without pay in family business or farm <input type="radio"/>	O O O 1 1 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9

## Definitions and Explanations

### Instructions to the respondent for questionnaire items 28-30

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

30. If the person was an employee of a private nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN									
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER	59 926 988	44 523 329	5 593 050	2 399 665	49 800 137	35 877 061	5 254 596	5 182 620	311 862	234 595	908 624	787 506	58 011	41 783
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	13 457 369	9 196 289	408 036	202 284	12 127 714	7 888 028	566 139	795 567	43 086	39 694	298 819	102 775	11 515	7 991
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 209 661	3 168 657	224 874	110 178	6 560 433	2 755 972	277 215	226 986	22 687	14 624	118 663	58 355	3 789	2 740
LEGISLATORS	7 112	3 557	346	34	6 192	3 233	399	166	253	64	178	48	4	11
CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS	27 458	8 319	1 223	315	22 416	6 078	3 104	1 655	429	141	251	198	35	12
PUBLIC ADMINISTRATION	196 464	99 518	6 612	3 379	171 787	53 182	13 402	11 013	1 861	814	2 615	1 053	188	73
ADMINISTRATORS & OFFICIALS, PUBLIC ADMINISTRATION	283 769	2 468	558	191	22 141	2 053	144	270	144	20	98	16	7	7
ADMINISTRATORS, PROTECTIVE SERVICES	281 218	128 626	7 553	3 822	261 088	116 748	6 792	5 989	402	317	6 282	1 076	141	74
FINANCIAL MANAGERS	140 747	79 198	6 247	3 206	124 144	68 296	8 051	6 198	439	302	1 777	1 142	89	54
PERSONNEL AND LABOR RELATIONS MANAGERS	56 088	15 111	1 364	410	52 456	13 380	1 433	1 016	131	46	655	235	49	15
PERSONNEL MANAGERS	567 362	121 513	11 293	3 427	540 409	111 891	9 044	4 310	950	327	5 346	1 465	269	93
MANAGERS, MARKETING, ADVERTISING, & PUB. RELATIONS	239 766	147 772	6 113	4 672	210 678	121 224	20 154	19 193	945	1 020	1 718	1 532	150	101
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	54 583	56 298	1 459	1 724	48 300	47 186	3 872	5 606	205	359	709	805	38	16
MANAGERS, MEDICINE AND HEALTH	117 835	82 237	7 246	2 948	100 927	73 054	7 654	4 879	554	493	1 317	824	128	39
MANAGERS, PROPERTIES AND REAL ESTATE	37 731	13 632	350	165	16 791	13 140	3 506	4 122	109	141	63	82	2	2
POSTMASTERS AND MAIL SUPERINTENDENTS	36 768	3 510	748	78	32 931	2 711	3 180	691	89	81	36	52	11	2
FEDERAL DIRECTORS	3 404 912	1 253 749	105 960	42 919	3 120 434	1 116 947	112 058	75 664	9 788	5 482	53 899	18 142	2 792	1 170
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	419 897	154 149	16 117	6 075	377 487	136 680	12 241	4 697	1 258	435	12 824	6 003	540	159
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 618 132	999 290	52 142	37 803	1 452 397	845 352	74 476	85 515	1 120	4 459	32 650	25 174	1 347	914
MANAGEMENT RELATED OCCUPATIONS	626 558	386 299	18 422	13 380	563 916	324 773	23 174	30 560	1 272	1 553	19 212	15 608	562	445
ACCOUNTANTS AND AUDITORS	7 752	10 895	412	412	7 021	9 822	393	778	11	21	127	105	11	11
UNDERWRITERS	223 633	182 318	5 895	6 821	205 881	160 260	7 371	10 879	499	662	3 872	3 503	165	163
OTHER FINANCIAL OFFICERS	68 662	29 629	1 899	857	82 171	25 971	2 994	2 443	296	177	1 262	410	120	31
MANAGEMENT ANALYSTS	224 039	198 780	10 900	10 207	189 001	158 162	20 077	25 952	1 275	1 247	2 582	3 984	204	32
PERSONNEL, INQ., AND LABOR RELATIONS SPECIALISTS	17 933	1 547	417	74	16 805	1 336	565	126	46	-	94	11	6	-
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	93 192	74 639	2 872	2 126	86 634	68 006	2 134	3 218	190	180	1 326	1 044	46	69
PURCHASING AGENTS AND BUYERS, N.E.C.	130 749	60 979	3 984	1 625	121 360	54 711	4 224	3 762	463	254	1 179	592	65	35
BUSINESS AND PROMOTION AGENTS	13 780	6 827	611	158	12 163	6 227	806	321	34	25	134	79	12	7
CONSTRUCTION INSPECTORS	48 413	2 479	1 652	130	43 074	3 867	2 675	406	271	8	648	62	73	6
INSPECTORS & COMPLIANCE OFFICERS, EXCEPT CONSTR.	128 935	27 909	5 592	1 511	111 472	20 579	9 111	4 710	659	244	2 019	497	86	8
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	14 416	18 649	399	496	12 899	13 531	902	2 344	103	88	163	183	8	7
PROFESSIONAL SPECIALTY OCCUPATIONS	6 247 708	6 027 432	183 162	172 106	5 567 281	5 132 056	288 924	568 581	20 399	25 018	180 216	124 720	7 726	5 251
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 465 220	75 080	34 811	2 572	1 327 091	64 250	34 441	4 822	3 457	262	63 559	3 068	1 851	106
ARCHITECTS	98 743	8 950	3 983	370	88 047	7 852	2 643	303	178	30	3 769	395	123	-
ENGINEERS	1 336 164	64 809	29 834	2 129	1 210 945	55 225	31 085	4 475	3 000	219	59 568	2 663	1 722	98
AEROSPACE	85 622	2 869	2 487	81	77 557	2 394	1 476	221	221	-	4 107	173	74	-
MECHANICAL AND MATERIALS	23 260	1 279	42	42	21 397	1 095	663	89	19	21	893	41	49	-
MINING	9 700	341	264	28	9 074	301	100	67	7	194	5	47	-	-
PETROLEUM	22 235	3 819	419	28	20 883	2 719	315	205	96	6	875	35	47	-
CHEMICAL	3 015	419	410	410	49 349	2 490	947	205	70	8	3 075	166	70	16
NUCLEAR	8 697	303	181	17	7 949	268	128	410	22	22	597	18	20	-
AGRICULTURAL	194 029	6 006	5 407	159	174 802	5 061	4 692	368	544	24	12 206	352	378	22
ELECTRICAL AND ELECTRONIC	8 115	399	82	82	3 845	353	62	23	4	7	122	7	-	-
INDUSTRIAL	306 695	16 179	7 187	679	276 662	13 344	7 977	1 462	715	14	13 830	681	324	19
MECHANICAL	1 4 966	18 394	3 475	639	163 026	17 079	4 494	1 116	342	94	3 432	396	199	30
MARINE AND NAVAL ARCHITECTS	193 579	4 971	3 760	88	177 807	3 472	4 354	304	360	20	7 457	182	241	5
ENGINEERS, N.E.C.	16 367	315	555	3	15 011	278	343	19	49	6	393	9	16	-
SURVEYORS AND MAPPING SCIENTISTS	238 210	9 828	5 299	255	213 549	6 321	5 734	656	497	12	12 787	578	304	6
MATHEMATICAL AND COMPUTER SCIENTISTS	30 313	1 321	990	73	28 089	1 173	113	44	279	13	222	10	16	8
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	244 129	86 818	5 570	2 163	209 996	73 125	9 582	7 691	593	308	8 115	2 964	273	67
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	157 140	45 513	3 641	1 162	144 521	38 952	5 999	3 405	369	170	5 435	1 772	175	50
ACTUARIES	58 935	22 441	1 353	515	52 008	18 860	2 458	2 418	158	81	1 488	557	70	6
STATISTICIANS	7 682	2 637	46	28	7 280	2 437	91	94	-	-	259	78	6	-
MATHEMATICAL SCIENTISTS, N.E.C.	15 688	14 516	398	439	13 711	11 917	786	1 595	41	57	733	497	15	11
NATURAL SCIENTISTS	5 188	1 213	132	15	4 576	959	248	179	25	-	200	60	7	-
PHYSICISTS AND ASTRONOMERS	21 253	1 220	324	37	19 352	1 102	314	41	30	-	1 152	40	81	-
CHEMISTS, EXCEPT BIOCHEMISTS	81 699	20 540	1 794	792	70 725	15 849	3 571	1 458	145	54	5 322	2 348	142	39
ATMOSPHERIC AND SPACE SCIENTISTS	6 986	1 429	145	53	6 383	1 219	291	129	45	2	106	26	26	5
GEOLOGISTS AND GEODESISTS	40 985	5 142	776	63	38 069	4 768	488	205	85	10	621	91	46	5
PHYSICAL SCIENTISTS, N.E.C.	8 874	1 767	165	42	8 250	1 484	311	196	4	2	132	28	12	12
AGRICULTURAL AND FOOD SCIENTISTS	19 009	5 580	479	128	17 234	4 780	707	437	47	37	438	198	12	-
BIOLOGICAL AND LIFE SCIENTISTS	30 810	15 230	541	439	27 825	12 878	871	686	60	52	1 483	1 012	60	32
FORESTRY AND CONSERVATION SCIENTISTS	31 905	3 542	663	129	29 662	3 133	954	186	467	69	205	63	33	-
MEDICAL SCIENTISTS	11 904	8 141	393	239	10 348	6 870	434	441	23	26	673	554	33	25

<sup>1</sup> PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

BEST COPY AVAILABLE

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Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS; SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN										
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.		
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.															
MANAGERIAL AND PROFESSIONAL-SPECIALTY OCCUPATIONS--CON.															
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.															
HEALTH DIAGNOSING OCCUPATIONS	570 546	76 260	18 946	3 300	501 141	56 484	13 750	3 946	673	165	35 200	12 213	836	172	
PHYSICIANS	375 289	57 966	16 283	2 570	317 142	40 700	10 090	3 153	366	127	30 656	11 262	732	154	
DENTISTS	116 916	8 375	1 812	381	108 990	6 890	2 664	468	167	18	3 226	606	95	12	
VETERINARIANS	29 797	4 558	321	137	28 706	4 216	402	120	56	6	359	73	23	6	
OPTOMETRISTS	22 569	2 036	252	110	21 544	1 765	196	56	36	8	461	93	8	-	
PODIATRISTS	7 124	687	62	-	6 605	538	203	70	-	-	54	41	-	-	
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	18 851	2 688	216	102	17 954	2 375	191	71	20	6	444	139	18	-	
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	240 569	1 482 007	6 805	32 757	205 686	1 270 888	17 252	116 192	758	4 569	7 729	48 242	337	1 369	
REGISTERED NURSES	92 755	1 232 544	2 610	24 930	42 268	1 071 709	5 363	90 009	174	3 581	1 892	41 054	110	1 161	
PHARMACISTS	110 635	35 002	2 028	1 454	101 051	29 385	2 949	1 766	158	89	4 313	2 269	136	29	
DIETICIANS	6 707	60 483	425	2 058	4 224	43 289	1 907	12 493	25	207	179	2 304	27	32	
THERAPISTS	52 181	141 752	2 497	3 999	42 490	125 014	5 632	10 318	268	413	1 051	2 277	43	13	
INHALATION THERAPISTS	21 179	27 559	1 524	1 062	16 916	22 919	2 124	2 982	90	118	519	451	6	-	
OCCUPATIONAL THERAPISTS	1 499	16 257	58	272	1 183	14 975	200	574	14	36	44	384	-	-	
PHYSICAL THERAPISTS	11 234	31 641	404	872	9 552	28 245	993	1 937	33	78	244	681	8	-	
SPEECH THERAPISTS	4 465	36 871	110	607	4 152	33 908	176	1 863	22	54	25	359	-	-	
THERAPISTS, N.E.C.	13 784	29 284	601	792	10 487	29 967	2 139	2 962	109	127	219	404	29	32	
PHYSICIANS' ASSISTANTS	18 211	12 226	1 045	706	15 318	29 491	1 401	1 806	132	79	294	338	21	6	
TEACHERS, POSTSECONDARY	404 104	233 045	9 548	7 191	361 956	203 640	15 334	15 468	1 179	761	15 311	5 699	776	286	
EARTH, ENVIRONMENTAL, & MARINE SCIENCE TEACHERS	1 904	370	12	19	1 827	342	10	-	5	-	38	9	12	-	
BIOLOGICAL SCIENCE TEACHERS	6 537	3 114	75	30	6 095	2 782	122	171	8	13	230	113	7	5	
CHEMISTRY TEACHERS	6 671	7 717	117	39	6 040	1 531	148	58	15	-	351	83	-	-	
PHYSICS TEACHERS	4 882	532	133	22	4 363	482	65	16	6	-	303	38	12	4	
NATURAL SCIENCE TEACHERS, N.E.C.	637	194	24	-	588	184	8	10	-	-	19	-	-	-	
PSYCHOLOGY TEACHERS	3 494	2 326	45	79	3 244	2 047	123	153	29	-	53	87	-	-	
ECONOMICS TEACHERS	6 028	1 008	55	39	5 681	872	103	43	-	-	172	54	13	-	
HISTORY TEACHERS	6 267	1 333	78	5	4 002	1 224	126	84	-	-	61	20	-	-	
POLITICAL SCIENCE TEACHERS	1 677	389	19	4	1 451	375	110	-	6	-	78	10	13	-	
SOCIOLOGY TEACHERS	2 263	944	33	23	2 016	815	129	87	10	-	62	18	13	-	
SOCIAL SCIENCE TEACHERS, N.E.C.	1 301	708	32	42	1 192	642	23	12	16	6	27	6	11	6	
ENGINEERING TEACHERS	9 719	1 253	201	25	8 670	1 115	317	70	38	-	487	36	14	7	
MATHEMATICAL SCIENCE TEACHERS	11 390	5 307	311	61	10 004	4 555	496	436	98	7	507	221	14	5	
COMPUTER SCIENCE TEACHERS	1 882	716	72	27	1 519	615	68	81	7	-	170	20	6	-	
MEDICAL SCIENCE TEACHERS	6 891	2 123	225	51	6 141	1 939	139	109	-	-	319	95	31	7	
HEALTH SPECIALTIES TEACHERS	2 596	16 955	54	333	2 360	18 159	139	1 093	12	61	51	303	7	6	
BUSINESS, COMMERCE, AND MARKETING TEACHERS	4 922	3 594	38	100	3 651	3 180	169	259	20	10	117	45	-	-	
AGRICULTURE AND FORESTRY TEACHERS	3 288	567	38	7	3 009	521	122	37	18	-	41	2	10	-	
ART, DRAMA, AND MUSIC TEACHERS	14 718	13 667	286	194	13 408	12 458	735	673	64	54	135	272	12	16	
PHYSICAL EDUCATION TEACHERS	5 382	3 626	133	50	4 722	3 319	432	194	24	20	69	35	-	8	
EDUCATION TEACHERS, EXCEPT POSTSECONDARY	1 373	935	24	6	1 207	807	121	90	6	-	9	32	5	-	
ENGLISH TEACHERS	10 538	12 865	266	286	9 740	11 646	302	700	8	45	192	140	20	22	
FOREIGN LANGUAGE TEACHERS	4 039	5 915	451	817	3 331	689	56	129	6	3	184	254	11	23	
LAW TEACHERS	3 301	811	49	16	3 123	711	104	78	-	-	19	6	4	-	
SOCIAL WORK TEACHERS	329	481	11	35	306	318	12	105	-	-	-	23	-	-	
THEOLOGY TEACHERS	2 809	787	35	18	2 664	704	64	25	-	8	46	12	-	-	
TRADE AND INDUSTRIAL TEACHERS	2 490	1 105	37	17	2 221	993	183	93	8	-	36	-	5	-	
HOME ECONOMICS TEACHERS	163	1 824	-	43	1 50	1 635	5	112	-	1	8	13	-	-	
TEACHERS, POSTSECONDARY, N.E.C.	2 565	1 402	54	29	2 283	1 208	146	111	-	7	80	47	-	-	
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	279 034	148 503	6 548	4 754	246 905	126 763	10 683	10 490	813	526	11 444	3 787	547	183	
TEACHERS, EXCEPT POSTSECONDARY	1 086 775	2 635 345	32 032	74 280	961 398	2 234 580	76 392	286 545	4 504	17 086	11 494	27 238	955	3 616	
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	4 564	176 774	363	7 532	4 687	142 126	1 272	24 171	79	1 099	157	1 673	5	173	
TEACHERS, ELEMENTARY SCHOOL	569 823	1 749 947	17 661	48 768	497 935	1 471 072	95 830	203 147	2 207	7 190	5 627	18 451	563	919	
TEACHERS, SECONDARY SCHOOL	374 203	486 603	9 138	12 367	339 379	423 635	20 751	44 232	1 479	1 807	3 014	4 205	242	347	
TEACHERS, SPECIAL EDUCATION	10 136	22 680	269	422	8 962	19 846	693	6 846	107	118	118	129	8	12	
TEACHERS, N.E.C.	126 047	199 741	4 601	5 207	110 215	178 101	7 845	12 611	671	883	2 578	2 780	137	165	
COUNSELORS, EDUCATIONAL AND VOCATIONAL	90 587	107 689	4 162	4 208	73 447	83 405	10 607	17 183	1 054	1 379	1 219	1 395	93	99	
LIBRARIANS, ARCHIVISTS, AND CURATORS	40 514	162 167	1 613	3 219	34 579	143 402	2 472	11 917	153	350	1 219	2 947	78	132	
LIBRARIANS	32 779	154 600	1 348	3 028	27 836	136 708	2 347	11 366	120	499	1 056	2 876	72	123	
ARCHIVISTS AND CURATORS	7 735	7 567	265	191	6 743	6 694	525	551	33	51	163	71	6	-	

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Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980--Con.

(DATA BASED ON SAMPLE; SEE TEXT FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS; SEE TEXT 1)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN									
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.														
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.														
SOCIAL SCIENTISTS AND URBAN PLANNERS														
ECONOMISTS	136 114	61 744	3 540	2 090	123 917	71 234	5 429	6 653	431	319	2 604	1 312	193	136
PSYCHOLOGISTS	67 216	28 347	1 483	608	61 773	25 241	2 096	1 828	169	68	1 599	265	98	37
SOCIOLOGISTS	49 102	43 827	1 379	1 128	44 635	37 766	2 362	4 100	143	195	515	546	68	94
SOCIAL SCIENTISTS, N.E.C.	1 489	1 061	40	32	1 294	927	111	82	12	48	95	95	19	5
URBAN PLANNERS	8 177	5 300	251	189	7 483	4 739	214	242	36	30	172	155	10	5
	10 128	3 209	387	133	8 732	2 561	646	441	81	16	274	58	8	-
SOCIAL, RECREATION, AND RELIGIOUS WORKERS														
SOCIAL WORKERS	461 205	368 967	10 311	18 068	387 898	276 331	45 513	66 588	2 535	2 939	6 277	4 556	471	485
RECREATION WORKERS	161 258	298 726	11 758	15 474	116 446	215 573	26 559	60 946	1 625	4 256	2 601	3 765	271	403
CLERGY	12 122	25 270	753	1 174	8 176	20 262	2 859	3 362	144	210	160	236	30	52
RELIGIOUS WORKERS, N.E.C.	268 610	16 434	5 331	568	242 223	14 681	15 095	952	691	68	3 113	155	159	10
	21 215	26 529	669	850	19 055	25 815	1 002	1 328	77	96	403	400	11	40
LAWYERS AND JUDGES														
LAWYERS	455 642	74 057	7 448	2 035	433 739	65 944	10 386	4 747	880	257	2 834	961	355	93
JUDGES	432 533	69 275	7 017	1 913	412 526	61 893	9 224	4 226	750	207	2 710	993	332	93
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	25 083	4 762	431	122	21 213	4 051	1 162	521	130	50	124	18	23	-
AUTHORS	800 768	582 115	52 896	18 301	709 681	528 670	39 344	22 930	3 271	2 164	14 523	9 461	1 055	587
TECHNICAL WRITERS	25 409	20 359	591	354	23 809	19 094	592	616	85	64	276	166	56	43
DESIGNERS	30 984	18 612	530	328	28 753	16 664	1 097	1 156	100	81	475	160	29	25
MUSICIANS AND COMPOSERS	169 604	168 770	7 252	5 866	151 191	154 070	5 926	4 834	481	333	4 573	3 858	174	109
ACTORS AND DIRECTORS	99 065	41 491	5 473	719	84 413	38 021	7 157	1 942	984	152	1 393	828	193	29
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	44 049	23 131	1 353	890	39 391	20 343	2 384	1 436	191	76	513	337	17	29
	79 445	73 717	4 052	1 573	69 374	48 794	3 316	1 474	653	415	1 938	1 368	112	73
PHOTOGRAPHERS														
DANCERS	72 494	22 266	2 985	765	53 991	10 198	3 632	952	207	139	1 366	212	115	-
ARTISTS, PERFORMERS, AND RELATED WORKERS, N.E.C.	3 350	9 844	243	544	2 631	7 934	317	817	19	83	140	448	-	16
EDITORS AND REPORTERS	29 356	20 297	1 656	570	25 242	18 416	1 693	807	220	126	484	313	61	65
PUBLIC RELATIONS SPECIALISTS	106 962	103 889	3 585	3 927	97 766	93 020	3 262	4 161	271	339	1 866	1 499	162	148
ANNOUNCERS	61 482	58 595	1 655	1 810	55 764	52 340	2 980	3 495	189	265	766	657	88	28
ATHLETES	58 392	8 594	1 547	432	33 281	7 198	3 048	757	189	55	228	117	79	15
	40 239	12 568	1 954	606	33 875	11 378	3 708	463	180	36	500	78	17	7
TECH., SALES, & ADMIN. SUPPORT OCCUPATIONS														
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	11 001 736	19 081 842	515 756	896 665	9 476 556	16 809 297	758 025	1 782 329	37 547	86 828	202 923	210 261	10 929	16 462
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 721 531	1 541 081	68 629	47 314	1 492 328	1 089 582	93 394	159 776	7 405	4 451	55 595	36 390	2 180	1 366
CLINICAL LAB. TECHNOLOGISTS & TECHNICIANS	162 175	827 172	9 692	27 434	123 341	660 278	20 239	115 917	927	4 209	7 664	18 555	292	779
DENTAL HYGIENISTS	62 175	181 807	3 919	6 173	45 783	145 431	8 008	20 068	258	604	4 064	9 414	123	117
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	708	45 984	37	717	566	45 559	37	682	-	37	68	866	-	23
RADIOLOGIC TECHNICIANS	1 314	13 833	86	516	945	11 477	119	1 282	8	168	67	374	12	16
LICENSED PRACTICAL NURSES	27 356	69 955	2 061	1 916	21 057	61 042	2 864	5 033	160	217	1 195	667	19	80
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	14 764	420 412	734	14 324	10 652	322 480	2 910	74 942	128	2 462	522	5 575	18	425
	55 658	96 681	2 855	3 784	44 338	76 289	6 244	13 930	373	521	1 928	2 039	120	118
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 559 356	513 909	58 937	19 880	1 360 987	429 304	75 135	43 861	6 478	2 442	47 931	17 835	1 885	587
ENGR. AND RELATED TECHNOLOGISTS AND TECHNICIANS	788 943	158 072	33 632	7 523	693 237	131 344	36 524	13 053	3 618	639	21 030	5 313	902	200
ELECTRICAL AND ELECTRONIC TECHNICIANS	235 581	30 603	9 852	2 123	264 079	23 362	12 442	5 663	893	148	7 974	1 265	341	44
INDUSTRIAL ENGINEERING TECHNICIANS	8 404	2 240	288	100	7 636	1 945	400	163	20	7	46	25	12	-
MECHANICAL ENGINEERING TECHNICIANS	14 588	1 004	458	72	13 108	838	637	86	35	-	321	8	29	-
ENGINEERING TECHNICIANS, N.E.C.	207 139	64 895	6 686	2 539	186 462	55 938	9 127	6 054	716	166	3 951	2 094	197	104
DRAFTING OCCUPATIONS	274 659	54 808	14 304	2 527	237 850	47 509	12 540	2 651	1 319	257	8 524	1 832	302	52
SURVEYING AND MAPPING TECHNICIANS	48 572	4 522	2 044	162	44 060	5 752	1 368	456	635	63	414	89	21	-
SCIENCE TECHNICIANS	132 393	60 463	5 523	2 870	113 835	49 877	8 677	5 660	482	243	3 640	1 798	166	59
BIOLOGICAL TECHNICIANS	46 901	19 951	1 264	975	23 059	16 393	1 706	1 144	144	47	693	555	35	15
CHEMICAL TECHNICIANS	56 768	16 635	2 168	684	48 437	13 570	4 497	1 838	153	78	1 455	470	58	15
SCIENCE TECHNICIANS, N.E.C.	48 724	24 309	2 091	1 211	42 369	19 514	2 474	2 301	185	118	1 512	733	73	32
TECHNICIANS, EXC. HEALTH, ENGINEERING, & SCIENCE	638 020	295 370	19 782	9 487	561 863	248 083	29 934	25 148	2 378	1 560	23 281	10 764	820	328
AIRPLANE PILOTS AND NAVIGATORS	75 149	1 039	1 194	78	72 505	922	630	26	285	-	445	13	50	-
AIR TRAFFIC CONTROLLERS	39 819	6 144	1 193	155	31 031	5 054	2 017	825	164	37	486	66	28	7
BROADCAST EQUIPMENT OPERATORS	40 707	52 015	1 422	1 287	36 355	27 330	2 230	2 750	361	454	286	191	53	23
COMPUTER PROGRAMMERS	213 716	98 957	4 079	2 680	193 052	82 561	9 800	7 856	608	266	8 845	5 478	246	116
TOOL PROGRAMMERS, NUMERICAL CONTROL LEGAL ASSISTANTS	6 313	2 242	204	76	5 810	1 810	1 190	254	-	8	179	114	5	-
TECHNICIANS, N.E.C.	24 566	54 621	1 133	1 620	21 355	49 396	1 521	2 740	124	286	403	542	30	37
	257 690	100 312	8 597	3 591	201 792	81 050	13 456	10 717	840	489	12 837	4 340	408	145

<sup>1</sup>PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

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Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE. SEE TEXT FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS. SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN										
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.		
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER- CON.															
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS...CON.															
SALES OCCUPATIONS	5 261 974	4 995 335	199 505	222 016	4 778 123	4 350 631	199 216	326 358	13 327	18 741	67 742	13 576	3 981	4 011	
SUPERVISORS & PROPS., SALES OCCUPATIONS, SALARIED, SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED.	852 207	318 974	32 422	11 319	738 055	288 037	27 249	14 357	2 363	1 082	11 567	3 958	554	221	
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES, INSURANCE SALES OCCUPATIONS	224 838	126 518	12 325	4 350	293 771	114 264	9 577	3 644	920	536	7 967	3 655	272	69	
REAL ESTATE SALES OCCUPATIONS	1 192 020	653 562	28 361	19 214	1 111 922	598 904	36 261	25 520	2 324	1 924	13 258	6 480	444	518	
SECURITIES AND FINANCIAL SERVICE SALES OCCUPATIONS.	423 734	144 128	10 136	4 471	390 114	125 577	17 834	11 434	714	379	4 723	2 042	215	151	
ADVERTISING AND RELATED SALES OCCUPATIONS	360 475	297 700	8 240	6 363	378 869	282 238	7 939	4 695	855	819	4 492	3 135	272	150	
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	107 750	724 638	1 904	639	102 224	22 131	2 030	1 159	117	115	1 404	370	71	24	
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL	66 677	41 532	1 390	1 230	62 022	44 062	1 637	1 675	125	143	470	387	33	29	
SALES ENGINEERS	233 982	139 564	6 603	5 307	217 893	124 896	6 621	6 213	513	468	2 169	2 516	103	104	
SALES REPS., MINING, MANUFACTURING, & WHOLESALE	1 112 852	188 394	29 719	7 975	1 048 465	168 444	23 869	8 492	2 100	460	8 095	2 648	604	175	
SALES WORKERS, RETAIL AND PERSONAL SERVICES	42 644	1 423	470	74	41 407	1 279	335	52	23	7	399	11	12	-	
SALES WORKERS, MOTOR VEHIC "S AND BOATS	1 070 206	184 971	29 249	7 901	1 007 058	167 165	23 534	6 440	2 071	453	7 694	2 631	592	175	
SALES WORKERS, APPAREL	1 806 647	3 492 620	96 391	179 764	1 574 216	3 167 034	101 838	273 707	5 573	14 461	26 714	54 646	1 855	3 013	
SALES WORKERS, SHOES	260 889	22 219	10 574	847	239 195	20 280	8 694	807	751	100	1 505	165	170	24	
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	80 794	361 976	5 307	17 759	61 049	316 662	6 667	21 442	214	956	1 305	4 492	54	255	
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	80 334	65 611	4 461	3 158	39 703	57 723	5 280	3 919	132	190	661	589	94	32	
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	868 818	63 224	3 725	2 190	79 602	58 887	2 762	1 500	201	163	442	496	86	38	
SALES WORKERS, PARIS	82 233	33 093	3 074	1 470	74 619	29 408	3 630	1 623	182	71	784	296	44	25	
SALES WORKERS, OTHER COMMODITIES	145 769	48 495	5 625	1 802	134 769	45 574	3 868	884	365	148	1 095	454	71	33	
SALES COUNTER CLERKS	181 487	1 687	7 812	520	167 683	15 206	3 957	626	629	108	1 282	219	124	6	
CASHIERS	463 456	1 234 929	24 117	53 511	401 271	1 086 931	27 845	70 925	1 251	4 004	8 442	18 054	530	904	
STREET AND DOOR-TO-DOOR SALES WORKERS	25 398	70 507	1 305	2 857	21 980	59 880	1 607	6 354	84	240	396	1 087	26	25	
NEWS VENDORS	310 338	1 565 502	25 686	69 364	242 249	1 284 746	31 062	156 141	1 279	7 544	9 517	26 229	545	1 478	
SALES RELATED OCCUPATIONS	47 848	174 861	2 165	5 600	42 249	159 272	2 663	7 715	210	744	487	1 370	54	160	
DEMONSTRATORS, PROMOTERS AND MODELS, SALES	71 284	35 516	2 540	1 046	63 827	32 265	3 927	1 756	275	173	678	245	57	31	
AUCTIONEERS	12 610	15 267	367	390	11 688	13 948	422	645	47	78	81	191	5	15	
SALES SUPPORT OCCUPATIONS, N.E.C.	2 665	10 065	121	233	2 340	9 236	194	418	24	36	21	129	5	11	
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 932	1 010	105	-	5 715	910	13	49	16	32	23	19	-	-	
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	4 013	4 192	141	157	3 633	3 802	195	178	7	8	37	43	-	4	
SUPERVISORS, GENERAL OFFICE	4 018 231	13 545 426	247 542	627 335	3 206 105	11 369 084	463 415	1 276 193	16 815	61 436	79 586	200 293	4 768	11 085	
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	569 626	508 547	25 748	21 176	485 876	425 693	87 184	52 381	2 188	2 040	8 241	6 785	367	382	
SUPERVISORS, FINANCIAL RECORDS PROCESSING	282 671	362 658	14 773	15 934	238 048	391 365	26 922	38 738	1 378	1 551	6 320	4 330	222	340	
CHIEF COMMUNICATIONS OPERATORS	30 028	12 599	947	559	26 484	10 500	1 849	1 245	34	34	847	250	7	-	
SUPERVISORS, DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	81 455	78 447	2 179	2 695	75 040	49 141	2 571	4 898	195	258	1 445	1 430	25	25	
COMPUTER EQUIPMENT OPERATORS	94 101	23 104	1 185	714	60 226	18 925	2 140	3 254	131	69	395	141	24	2	
COMPUTER OPERATORS	131 371	31 739	6 614	1 283	109 068	25 762	13 704	4 207	450	128	1 426	344	109	15	
PERIPHERAL EQUIPMENT OPERATORS	171 529	249 052	9 912	11 800	135 707	201 159	19 699	29 542	730	1 142	5 286	5 132	195	277	
SECRETARIES, STENOGRAPHERS AND TYPISTS	161 936	233 611	9 344	11 052	128 308	188 649	18 393	27 674	679	1 100	5 017	4 850	195	266	
SECRETARIES	9 593	15 481	568	748	7 399	12 490	1 306	1 868	51	42	269	282	-	11	
STENOGRAPHERS	80 845	4 744 055	5 355	195 229	63 476	4 127 605	9 164	344 827	544	21 227	2 161	53 656	145	3 511	
TYPISTS	49 247	3 949 973	2 579	149 187	40 911	3 518 394	4 316	224 859	287	16 103	1 096	38 499	60	2 731	
INFORMATION CLERKS	7 996	79 633	326	2 960	7 169	67 095	379	7 596	6	300	95	1 610	21	72	
INTERVIEWERS	23 600	716 449	2 450	43 082	15 396	541 916	4 467	112 372	251	4 824	970	13 547	64	708	
HOTEL CLERKS	139 851	814 477	9 044	44 486	110 796	681 277	15 268	72 648	984	4 403	3 588	10 715	171	750	
TRANSPORTATION TICKET AND RESERVATION AGENTS	33 654	115 244	2 174	5 756	25 647	93 871	4 039	12 731	54	1 295	434	1 517	19	74	
RECEPTIONISTS	21 113	45 269	1 112	1 718	17 890	39 674	1 374	2 707	100	280	606	864	31	24	
INFORMATION CLERKS, N.E.C.	43 617	59 332	2 953	3 552	34 974	47 088	4 076	6 620	130	205	1 416	1 775	59	92	
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL	22 870	525 290	1 895	30 137	16 940	444 847	3 174	41 552	111	2 493	705	5 775	45	486	
CLASSIFIED-AD CLERKS	18 597	69 342	910	3 321	15 345	55 795	1 805	9 038	93	330	427	784	17	74	
CORRESPONDENCE CLERKS	231 056	786 589	16 274	43 250	179 035	620 138	29 098	105 628	932	3 440	5 371	13 291	346	842	
ORDER CLERKS	3 125	11 226	91	410	2 784	9 882	182	727	4	64	84	143	-	-	
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	3 701	16 043	178	392	3 112	12 698	294	2 358	4	53	107	133	6	9	
LIBRARY CLERKS	106 311	219 604	8 613	12 208	83 628	178 097	12 163	25 962	480	673	1 356	2 553	153	211	
FILE CLERKS	9 794	67 845	652	3 629	7 352	54 226	1 520	8 217	79	321	176	1 308	15	54	
RECORDS CLERKS	27 535	119 224	1 540	4 509	21 230	98 506	3 202	12 807	148	884	1 351	2 735	56	183	
RECORDS CLERKS, N.E.C.	60 379	240 033	3 903	14 295	48 052	175 279	9 530	43 245	221	1 361	1 566	4 423	87	340	
RECORDS CLERKS	20 211	11, 42	1 297	5 607	15 682	91 340	2 207	12 292	74	542	713	1 906	29	55	

<sup>1</sup> PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.



Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANINGS OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN		NOT OF SPANISH ORIGIN										
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.		
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
<b>CIVILIAN LABOR FORCE, 16 YEARS AND OVER- CON.</b>															
<b>TECH., SALES &amp; ADMIN. SUPPORT, OCCUPATIONS-CON.</b>															
<b>ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL-CON.</b>															
FINANCIAL RECORDS PROCESSING OCCUPATIONS . . . . .	272 107	2 067 091	15 662	70 668	226 872	1 854 653	19 262	100 982	1 150	7 209	9 353	32 271	408	1 108	
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS . . . . .	194 630	1 700 841	11 270	54 536	161 253	1 544 183	12 948	69 267	767	5 465	7 370	25 971	317	1 021	
ROLL AND TIMEKEEPING CLERKS . . . . .	28 067	137 782	1 368	5 527	21 470	118 386	2 378	13 140	148	428	668	1 969	39	130	
BILLING CLERKS . . . . .	14 892	120 185	944	5 336	11 844	61 427	1 540	9 205	68	314	866	1 806	20	77	
COST AND RATE CLERKS . . . . .	27 725	61 273	1 336	2 621	24 874	51 434	1 350	5 665	135	394	394	1 308	35	40	
BILLING, POSTING, & CALCULATING MACH. OPERATORS . . . . .	7 003	97 008	2 548	2 548	4 731	17 221	1 049	5 705	32	174	485	1 220	-	40	
DUPPLICATING, MAIL, & OTHER OFFICE MACHINE OPERATORS . . . . .	21 424	40 790	1 598	2 287	15 168	70 760	3 743	4 751	73	242	726	750	-116	60	
DUPPLICATING MACHINE OPERATORS . . . . .	7 758	12 022	629	584	5 424	9 065	1 383	2 076	18	84	265	773	39	23	
MAIL PREPARING & PAPER HANDLING MACH. OPERATORS . . . . .	2 809	4 690	185	266	2 057	3 757	477	577	13	44	70	46	7	-	
OFFICE MACHINE OPERATORS, N.E.C. . . . .	10 857	24 078	784	1 480	7 687	17 878	1 483	4 098	42	154	391	431	70	37	
<b>COMMUNICATIONS EQUIPMENT OPERATORS . . . . .</b>	<b>34 115</b>	<b>289 000</b>	<b>2 464</b>	<b>13 271</b>	<b>26 131</b>	<b>230 992</b>	<b>4 776</b>	<b>41 024</b>	<b>277</b>	<b>726</b>	<b>498</b>	<b>2 495</b>	<b>69</b>	<b>262</b>	
TELEPHONE OPERATORS . . . . .	27 553	278 807	2 222	12 893	20 686	221 514	4 020	40 054	151	1 681	428	2 346	46	277	
TELEGRAPHERS . . . . .	5 083	2 906	104	4 294	4 294	2 315	535	411	16	8	53	59	23	9	
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C. . . . .	1 479	8 087	80	274	1 151	7 163	221	559	10	37	17	48	-	6	
<b>MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS . . . . .</b>	<b>562 281</b>	<b>240 061</b>	<b>12 821</b>	<b>9 718</b>	<b>424 188</b>	<b>171 409</b>	<b>93 178</b>	<b>54 060</b>	<b>1 718</b>	<b>1 154</b>	<b>9 836</b>	<b>3 543</b>	<b>581</b>	<b>177</b>	
POSTAL CLERKS, EXC. MAIL CARRIERS . . . . .	175 047	98 105	9 649	3 195	125 367	60 050	35 375	32 586	509	520	4 033	1 682	114	72	
MAIL CARRIERS, POSTAL SERVICE . . . . .	226 463	14 111	10 373	967	186 459	20 848	26 111	3 881	661	167	2 485	236	174	18	
MAIL CLERKS, EXC. POSTAL SERVICE . . . . .	94 076	85 124	7 355	4 445	64 983	64 540	19 169	14 387	193	353	2 019	1 310	157	81	
MESSENGERS . . . . .	66 695	22 721	5 443	1 117	47 339	17 963	12 523	3 206	155	114	3 099	315	136	6	
<b>MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C. . . . .</b>	<b>1 154 480</b>	<b>607 226</b>	<b>81 630</b>	<b>33 300</b>	<b>913 829</b>	<b>492 137</b>	<b>137 307</b>	<b>69 876</b>	<b>6 661</b>	<b>3 073</b>	<b>15 871</b>	<b>8 369</b>	<b>1 159</b>	<b>471</b>	
DISPATCHERS . . . . .	67 779	31 213	2 432	1 231	60 588	26 202	3 905	3 170	213	257	578	345	66	8	
PRODUCTION COORDINATORS . . . . .	147 496	117 841	6 829	5 868	127 189	97 755	10 709	11 958	559	530	2 120	1 645	90	65	
TRAFFIC, SHIPPING, AND RECEIVING CLERKS . . . . .	392 187	121 013	37 128	7 954	293 476	97 614	54 953	13 298	1 450	818	4 967	1 464	413	69	
STOCK AND INVENTORY CLERKS . . . . .	398 002	211 880	25 943	10 907	312 483	171 143	50 691	25 193	1 715	1 117	6 687	3 346	483	160	
METER READERS . . . . .	30 175	4 959	2 562	199	29 331	3 954	5 796	644	210	30	270	21	6	5	
WEIGHERS, MEASURERS, AND CHECKERS . . . . .	46 581	29 476	3 429	2 081	36 661	22 642	5 864	4 291	279	211	313	232	35	19	
SAMPLERS . . . . .	4 472	1 196	52	48	1 264	1 086	128	106	-	-	28	6	-	-	
EXPEDITORS . . . . .	30 597	59 744	2 650	2 628	42 971	40 330	4 107	6 734	155	212	654	734	60	69	
<b>MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C. . . . .</b>	<b>9 970</b>	<b>10 404</b>	<b>605</b>	<b>2 393</b>	<b>7 869</b>	<b>22 621</b>	<b>1 154</b>	<b>4 482</b>	<b>80</b>	<b>96</b>	<b>256</b>	<b>576</b>	<b>6</b>	<b>16</b>	
<b>ADJUSTERS AND INVESTIGATORS . . . . .</b>	<b>199 792</b>	<b>331 705</b>	<b>8 173</b>	<b>16 498</b>	<b>173 927</b>	<b>263 630</b>	<b>13 916</b>	<b>41 772</b>	<b>697</b>	<b>1 862</b>	<b>2 864</b>	<b>6 071</b>	<b>215</b>	<b>292</b>	
INSURANCE ADJUSTERS, EXAMINERS, & INVESTIGATORS . . . . .	664 505	100 553	1 619	3 698	60 481	80 643	3 242	13 572	163	263	900	2 207	80	160	
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE . . . . .	94 059	157 138	1 666	7 693	81 458	125 891	6 856	20 263	410	648	1 189	2 742	80	84	
ELIGIBILITY CLERKS, SOCIAL WELFARE . . . . .	4 511	20 207	687	1 949	2 961	13 541	555	3 983	29	106	249	536	30	12	
BILL AND ACCOUNT COLLECTORS . . . . .	34 717	53 807	2 101	3 188	28 827	43 733	3 263	5 914	95	146	326	584	25	50	
<b>MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS . . . . .</b>	<b>580 946</b>	<b>2 884 033</b>	<b>18 862</b>	<b>168 658</b>	<b>451 540</b>	<b>2 269 691</b>	<b>70 610</b>	<b>354 722</b>	<b>2 961</b>	<b>14 138</b>	<b>15 769</b>	<b>57 105</b>	<b>976</b>	<b>2 723</b>	
GENERAL OFFICE CLERKS . . . . .	111 530	1 425 083	21 763	79 492	236 037	1 131 734	41 365	179 266	1 425	6 720	8 356	26 637	404	1 214	
BANK TELLERS . . . . .	45 310	464 139	4 142	22 923	34 258	397 327	5 320	33 855	96	1 257	1 395	8 308	99	471	
PROOFREADERS . . . . .	6 143	22 802	621	5 438	20 115	3 379	1 634	294	20	95	139	294	-	41	
DATA-ENTRY KEYERS . . . . .	29 973	364 842	2 553	22 402	23 095	267 202	4 731	60 256	138	1 489	1 419	13 033	37	460	
STATISTICAL CLERKS . . . . .	16 003	107 549	1 631	4 771	29 490	85 707	3 971	14 580	92	608	762	1 803	48	78	
TEACHERS' AIDES . . . . .	16 163	199 546	1 923	22 826	9 963	138 177	3 132	37 906	323	2 435	765	2 053	37	147	
<b>ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C., . . . . .</b>	<b>135 824</b>	<b>260 072</b>	<b>6 683</b>	<b>12 617</b>	<b>113 250</b>	<b>229 429</b>	<b>11 920</b>	<b>31 220</b>	<b>867</b>	<b>1 537</b>	<b>2 953</b>	<b>4 977</b>	<b>151</b>	<b>292</b>	
<b>SERVICE OCCUPATIONS . . . . .</b>	<b>5 585 300</b>	<b>8 020 694</b>	<b>473 370</b>	<b>486 505</b>	<b>4 057 301</b>	<b>5 849 082</b>	<b>879 718</b>	<b>1 481 677</b>	<b>30 679</b>	<b>59 900</b>	<b>128 115</b>	<b>134 609</b>	<b>8 177</b>	<b>8 921</b>	
<b>PRIVATE HOUSEHOLD OCCUPATIONS . . . . .</b>	<b>29 494</b>	<b>4 597 451</b>	<b>2 753</b>	<b>56 234</b>	<b>15 651</b>	<b>286 296</b>	<b>9 698</b>	<b>243 030</b>	<b>216</b>	<b>3 256</b>	<b>1 101</b>	<b>7 613</b>	<b>75</b>	<b>1 045</b>	
LAUNDERS AND IRONERS . . . . .	580	1 753	24	154	360	1 004	46	531	-	9	110	58	-	-	
COOKS, PRIVATE HOUSEHOLD . . . . .	1 590	10 231	107	699	680	4 214	537	5 091	6	65	260	143	-	19	
HOUSEKEEPERS AND BUTLERS . . . . .	2 486	66 531	352	11 470	1 116	28 310	869	24 717	20	375	137	1 511	15	148	
CHILD CARE WORKERS, PRIVATE HOUSEHOLD . . . . .	4 130	155 785	208	6 810	3 254	127 240	557	16 629	28	892	74	1 723	9	291	
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS . . . . .	20 737	363 151	2 062	35 078	10 233	125 528	7 689	195 662	162	1 916	540	4 181	51	587	
<b>PROTECTIVE SERVICE OCCUPATIONS . . . . .</b>	<b>1 359 969</b>	<b>181 932</b>	<b>59 986</b>	<b>7 944</b>	<b>1 122 137</b>	<b>137 062</b>	<b>156 731</b>	<b>33 723</b>	<b>9 183</b>	<b>1 605</b>	<b>10 865</b>	<b>1 420</b>	<b>1 069</b>	<b>178</b>	
<b>SUPERVISOR, PROTECTIVE SERVICE OCCUPATIONS . . . . .</b>	<b>92 030</b>	<b>4 171</b>	<b>2 570</b>	<b>212</b>	<b>82 391</b>	<b>1 091</b>	<b>5 882</b>	<b>2 750</b>	<b>438</b>	<b>91</b>	<b>691</b>	<b>15</b>	<b>36</b>	<b>6</b>	
<b>SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS . . . . .</b>	<b>20 750</b>	<b>109</b>	<b>307</b>	<b>6</b>	<b>19 616</b>	<b>93</b>	<b>914</b>	<b>10</b>	<b>113</b>	<b>-</b>	<b>169</b>	<b>-</b>	<b>11</b>	<b>-</b>	
<b>SUPERVISORS, POLICE AND DETECTIVES . . . . .</b>	<b>49 561</b>	<b>1 785</b>	<b>1 413</b>	<b>96</b>	<b>45 074</b>	<b>1 282</b>	<b>2 594</b>	<b>330</b>	<b>231</b>	<b>37</b>	<b>285</b>	<b>-</b>	<b>14</b>	<b>6</b>	
<b>SUPERVISORS, GUARDS . . . . .</b>	<b>21 699</b>	<b>2 337</b>	<b>850</b>	<b>116</b>	<b>17 701</b>	<b>1 722</b>	<b>2 824</b>	<b>410</b>	<b>74</b>	<b>54</b>	<b>219</b>	<b>15</b>	<b>11</b>	<b>-</b>	

\*PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

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22 Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980--Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN									
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
SERVICE OCCUPATIONS--CON.														
PROTECTIVE SERVICE OCCUPATIONS--CON.														
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	211 483	4 242	7 566	197	4188 117	2 594	12 885	319	1 457	114	1 321	11	87	8
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS	20 489	2 187	658	89	18 542	1 926	947	99	269	26	1 70	5	3	-
FIREFIGHTING OCCUPATIONS	190 994	2 098	6 908	108	169 575	1 668	11 938	220	1 188	88	1 301	6	84	8
POLICE AND DETECTIVES	522 165	95 514	21 227	2 023	484 117	32 967	49 307	9 690	3 662	531	2 943	253	409	50
POLICE AND DETECTIVES, PUBLIC SERVICE SHERIFFS, BAILIFFS, AND OTHER LAW ENFORCEMENT OFFICERS	390 921	24 848	15 044	1 154	339 637	18 273	31 605	4 913	2 659	319	2 341	143	240	44
CORRECTIONAL INSTITUTION OFFICERS	54 714	7 901	2 490	336	47 275	6 205	4 256	1 280	378	39	260	35	55	6
GUARDS	76 530	12 765	3 693	5 531	57 205	8 489	19 546	3 497	6 330	173	392	175	119	-
CROSSING GUARDS	534 311	128 004	28 621	5 512	407 512	97 404	68 157	22 964	3 626	869	5 858	1 141	537	114
GUARDS AND POLICE, EXC. PUBLIC SERVICE	12 805	35 777	346	1 279	10 681	26 925	1 457	5 357	28	142	93	64	10	-
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	999 152	77 842	27 255	3 741	377 863	55 429	84 626	16 994	3 412	665	5 480	1 022	526	81
	22 354	16 385	1 030	492	16 768	15 050	2 074	703	186	62	295	55	11	23
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD.														
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 185 917	7 241 311	410 633	422 350	2 919 513	5 425 724	713 309	1 204 924	29 280	55 039	116 149	125 576	7 035	4 698
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 644 891	3 185 213	180 034	187 421	1 174 651	2 614 344	260 535	337 571	8 598	21 772	77 564	80 943	3 509	3 082
SUPERVISORS, FOOD PREP. & SERVICE OCCUPATIONS	705 501	142 280	9 177	5 770	75 668	120 271	12 604	12 480	249	647	7 484	2 970	299	192
BARTENDERS	177 285	181 142	9 626	3 778	154 605	130 834	8 343	3 316	783	1 409	3 647	1 745	279	66
WAITERS AND WAITRESSES	189 165	1 325 928	22 937	49 225	125 048	1 182 121	17 530	60 152	572	7 257	13 524	25 960	554	1 235
COOKS, EXCEPT SHORT ORDER SHORT-ORDER COOKS	578 520	771 878	62 899	40 361	395 493	559 396	81 863	151 862	3 460	7 288	33 394	12 224	1 211	747
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS	49 916	30 826	3 194	1 046	39 107	23 899	6 507	5 290	191	793	359	359	67	39
KLICKEN WORKERS, FOOD PREPARATION	40 098	171 862	3 502	9 681	30 839	193 358	4 388	14 057	177	896	1 105	3 537	67	138
WAITERS/WAITRESSES, ASSISTANTS	23 215	85 394	3 269	4 500	15 728	60 845	3 422	16 043	42	447	710	1 484	44	75
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS	171 282	121 927	29 703	7 896	121 282	93 601	16 138	17 251	766	475	5 998	2 507	395	197
	319 111	395 971	40 727	24 964	216 881	300 059	47 740	57 140	2 261	3 162	10 909	10 197	573	449
HEALTH SERVICE OCCUPATIONS	217 030	1 611 254	15 063	82 385	135 525	1 120 696	54 809	371 357	1 769	12 651	4 516	22 403	1 326	1 740
DENTAL ASSISTANTS	3 294	154 823	192	8 199	2 471	137 275	422	6 213	14	818	195	2 241	47	203
HEALTH AIDES EXCEPT NURSING	45 375	246 674	3 723	13 759	29 862	165 389	9 920	42 382	417	1 501	1 386	3 495	47	77
NURSING AIDES, ORDERLIES, AND ATTENDANTS	168 361	209 757	11 148	60 432	103 172	798 034	49 467	322 742	1 356	10 332	2 935	16 757	281	1 460
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD.	1 930 492	1 049 412	181 242	99 597	1 308 786	597 717	397 143	319 993	15 678	9 616	25 350	21 046	2 493	1 443
SUPERVISORS, CLEANING AND BLDG. SERVICE WORKERS	83 593	35 226	6 096	2 648	62 256	20 394	13 883	9 289	499	199	780	685	79	12
MATOS AND HOUSEMEN	165 281	510 277	23 123	53 927	84 946	267 929	50 333	169 797	1 024	4 948	3 554	12 856	301	820
JANITORS AND CLEANERS	1 631 534	498 623	146 389	42 567	1 123 121	305 257	325 796	138 341	13 696	4 416	20 334	7 440	7 035	602
ELEVATOR OPERATORS	16 869	5 113	3 107	329	9 824	4 418	3 655	2 317	87	27	195	22	41	-
PEST CONTROL OCCUPATIONS	35 415	2 173	2 567	120	28 639	1 719	3 476	249	209	27	487	43	37	9
PERSONAL SERVICE OCCUPATIONS	405 304	1 395 432	34 294	92 947	300 551	1 092 925	55 822	176 023	3 215	11 000	8 719	21 104	703	1 433
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS	16 293	12 707	754	506	13 858	11 029	1 270	948	45	42	339	160	27	22
BARBERS	90 939	16 921	7 686	821	72 342	11 419	9 664	1 621	401	136	768	518	76	6
HAIRDRESSERS AND COSMETOLOGISTS	68 489	490 785	6 410	29 498	56 329	418 362	4 305	33 212	395	2 075	918	7 299	114	389
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES GUIDES	44 768	40 155	3 728	2 003	52 744	32 156	6 328	4 103	505	410	1 354	1 412	109	71
USHERS	11 998	16 013	808	635	8 646	12 595	1 328	1 726	116	67	1 089	956	11	36
PUBLIC TRANSPORTATION ATTENDANTS	16 318	7 714	1 098	340	13 420	6 248	1 412	911	42	41	332	171	14	5
BAGGAGE PORTERS AND BELMOPERS	15 280	54 641	1 631	2 114	9 545	46 348	3 278	4 608	90	149	700	1 338	36	89
WELFARE SERVICE AIDES	19 980	1 510	2 146	134	10 174	915	6 721	389	84	17	815	55	40	-
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD	7 075	55 730	904	5 319	3 867	29 047	1 751	18 004	306	676	218	630	29	54
PERSONAL SERVICE OCCUPATIONS, N.E.C.	41 672	570 794	4 232	43 075	26 142	928 453	9 633	66 276	865	6 475	889	5 951	111	564
	50 312	132 860	4 897	6 557	33 484	96 353	10 132	24 291	368	915	1 297	2 612	134	197
FARMING, FORESTRY, AND FISHING OCCUPATIONS.														
FARM OPERATORS AND MANAGERS	1 164 637	130 136	17 005	1 968	1 133 795	122 848	23 702	3 435	3 188	566	6 621	1 301	326	18
FARMERS, EXCEPT HORTICULTURAL	1 032 759	111 244	10 339	1 254	1 000 652	107 770	14 326	1 580	2 673	467	4 521	899	248	18
HORTICULTURAL SPECIALTY FARMERS	11 589	2 256	474	66	10 188	2 035	624	46	42	7	261	102	-	-
MANAGERS, FARMS, EXCEPT HORTICULTURAL	127 216	13 363	5 098	595	112 934	10 925	7 239	1 573	388	78	1 479	232	78	-
MANAGERS, HORTICULTURAL SPECIALTY FARMS	15 073	2 973	1 094	93	10 021	2 112	1 513	256	85	14	360	118	-	-
FARM OPERATIONS, EXCEPT MANAGERIAL	798 060	217 897	163 706	42 231	498 591	148 000	77 748	20 901	6 883	1 393	10 441	4 559	891	213
SUPERVISORS, FARM WORKERS	44 769	9 021	8 967	828	31 441	6 593	2 634	1 300	368	76	1 119	203	46	-
FARM WORKERS	694 686	192 432	150 025	39 658	494 362	129 105	74 210	18 611	6 436	1 217	8 795	3 605	836	196
MARINE LIFE CULTIVATION WORKERS	613	720	70	502	336	32	108	32	108	12	33	194	-	-
NURSERY WORKERS	16 512	15 724	4 692	1 639	11 886	12 564	872	874	53	86	404	553	15	8

<sup>1</sup> PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.



Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOP DEFINITIONS OF TERMS AND MEANING OF SYMBOLS; SEE TEXT 1)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN										
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE/Hispanic		
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.															
FARMING, FORESTAT, AND FISHING OCCUPATIONS--CON.															
RELATED AGRICULTURAL OCCUPATIONS . . . . .	436 316	90 765	56 981	9 630	309 425	72 624	33 225	6 064	4 020	648	12 130	1 627	535	178	
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS . . . . .	19 335	1 617	1 315	152	16 799	1 230	911	3 208	189	6	155	8	6	5	
GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM . . . . .	362 258	30 357	51 670	2 630	266 457	22 665	48 459	3 841	3 607	373	11 600	798	463	50	
ANIMAL CARETAKERS, EXCEPT FARM . . . . .	29 300	42 172	2 263	861	23 278	39 898	3 326	685	160	184	207	327	66	54	
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS . . . . .	4 476	16 423	1 674	5 979	2 136	8 666	436	1 147	95	85	135	487	-	59	
INSPECTORS, AGRICULTURAL PRODUCTS . . . . .	947	166	59	8	753	157	93	20	9	33	7	-	-	4	
FORESTRY AND LOGGING OCCUPATIONS . . . . .	142 054	8 381	3 454	284	115 508	6 538	19 575	1 180	3 110	301	275	68	132	8	
SUPERVISORS, FORESTAT AND LOGGING WORKERS . . . . .	8 385	5 277	1 137	6	7 566	4 252	469	8	171	4	22	-	20	-	
FORESTAT WORKERS, EXCEPT LOGGING . . . . .	22 837	5 216	1 461	226	18 447	4 086	2 111	646	684	206	94	52	40	-	
TIMBER CUTTING AND LOGGING OCCUPATIONS . . . . .	110 832	2 888	1 856	54	89 495	2 173	16 995	526	2 255	71	159	16	72	8	
FISHERS, HUNTERS, AND TRAPPERS . . . . .	59 946	4 072	2 602	162	51 329	3 278	3 210	385	1 838	165	890	82	77	-	
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS . . . . .	6 875	3 259	367	5	4 095	216	194	23	131	2	48	13	-	-	
FISHERS . . . . .	51 137	3 563	2 195	139	43 958	2 864	2 976	340	1 639	151	802	69	71	-	
HUNTERS AND TRAPPERS . . . . .	1 934	250	40	18	1 780	198	40	22	68	12	-	-	6	-	
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS . . . . .	12 498 566	1 055 961	734 432	93 144	10 768 367	806 315	798 247	119 502	74 841	7 487	112 956	26 293	9 699	1 220	
MECHANICS AND REPAIRERS . . . . .	3 847 955	1 334 560	210 553	8 247	3 336 009	105 869	239 352	17 640	19 616	822	39 499	1 870	2 926	118	
SUPERVISORS, MECHANICS AND REPAIRERS . . . . .	157 181	4 749	5 423	190	144 792	4 044	5 043	388	649	27	1 201	95	73	-	
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS . . . . .	3 690 774	1 279 811	205 130	8 048	3 191 217	101 819	234 309	17 256	18 967	795	38 298	1 775	2 853	118	
VEHICLE AND MOBILE EQUIPMENT MECHS. & REPAIRERS . . . . .	1 658 236	21 793	104 835	1 508	1 417 093	16 778	106 550	3 008	9 458	166	18 914	315	1 386	18	
AUTOMOBILE MECHANICS, EXC. APPRENTICES . . . . .	948 350	12 025	61 126	869	804 190	8 206	65 414	1 693	5 186	69	11 585	177	857	11	
AUTOMOBILE MECHANIC APPRENTICES . . . . .	4 031	99	262	-	3 235	93	407	6	39	-	-	-	-	-	
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS . . . . .	152 862	1 120	7 748	40	132 134	948	10 774	116	888	11	1 185	11	133	-	
AIRCRAFT ENGINE MECHANICS . . . . .	94 915	2 407	6 620	226	79 773	1 660	5 634	452	677	31	2 092	38	111	-	
SMALL ENGINE REPAIRERS . . . . .	35 713	631	1 111	25	32 675	560	1 122	41	211	-	377	5	17	-	
AUTOMOBILE BODY AND RELATED REPAIRERS . . . . .	205 450	2 372	17 141	176	172 590	1 828	12 471	288	1 034	15	2 088	65	186	-	
AIRCRAFT MECHANICS, EXC. ENGINE . . . . .	14 209	1 333	1 008	54	11 994	1 036	877	186	74	35	233	13	23	7	
HEAVY EQUIPMENT MECHANICS . . . . .	157 266	1 322	7 495	59	138 995	1 053	8 610	204	1 091	5	1 042	6	83	-	
FARM EQUIPMENT MECHANICS . . . . .	45 432	476	2 346	59	41 309	392	1 241	20	258	5	262	-	16	-	
INDUSTRIAL MACHINERY REPAIRERS . . . . .	472 288	14 895	21 267	776	416 235	11 879	31 080	2 052	2 248	104	3 067	47	341	17	
MACHINERY MAINTENANCE OCCUPATIONS . . . . .	45 307	1 805	2 324	124	37 461	1 441	4 754	207	324	10	327	16	37	5	
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS . . . . .	574 461	50 669	27 172	3 119	525 940	39 823	33 130	6 619	2 347	260	7 472	810	400	38	
ELECTRONIC REPAIRERS, COMMUNICATIONS, AND INDUSTRIAL EQUIPMENT . . . . .	158 944	8 377	8 170	558	136 691	6 615	8 422	974	771	47	2 752	168	138	15	
DATA PROCESSING EQUIPMENT REPAIRERS . . . . .	43 329	3 932	1 550	227	38 477	3 214	2 397	394	123	-	740	97	22	-	
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS . . . . .	80 291	2 483	3 861	173	71 795	2 033	3 413	234	275	16	930	27	47	6	
TELEPHONE LINE INSTALLERS AND REPAIRERS . . . . .	59 363	3 243	2 281	1 64	52 890	2 642	3 473	351	283	22	368	24	49	-	
TELEPHONE INSTALLERS AND REPAIRERS . . . . .	726 960	29 619	9 658	1 793	200 468	2 895	13 666	4 373	778	162	2 269	369	121	17	
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS . . . . .	29 574	3 015	1 652	204	25 610	2 394	1 759	293	107	19	413	105	33	-	
HEATING, AIR CONDITIONING, & REFRIG. MECHS. . . . .	150 170	1 523	8 098	114	132 939	1 123	7 131	257	625	26	1 315	5	62	-	
MISCELLANEOUS MECHANICS AND REPAIRERS . . . . .	768 312	39 124	41 434	2 407	643 549	30 775	51 669	5 113	3 845	229	7 193	560	627	40	
CAMERA, WATCH, & MUSICAL INSTR. REPAIRERS . . . . .	35 745	4 821	2 047	325	31 536	3 639	1 213	655	66	31	779	171	44	-	
LOCKSMITHS AND SAFE REPAIRERS . . . . .	17 981	1 346	437	91	15 892	1 163	609	105	41	-	247	27	35	-	
OFFICE MACHINE REPAIRERS . . . . .	36 950	2 046	2 061	100	31 827	1 696	2 179	182	231	-	635	41	17	6	
MECHANICAL CONTROLS AND VALVE REPAIRERS . . . . .	27 240	1 062	1 744	65	22 678	858	2 500	149	143	3	142	7	15	-	
ELEVATOR INSTALLERS AND REPAIRERS . . . . .	20 377	393	879	10	18 293	261	911	120	54	-	240	-	-	-	
MILLWRIGHTS . . . . .	129 660	4 416	3 589	395	118 950	3 264	6 137	657	624	24	337	69	23	7	
UNIDENTIFIED MECHANICS AND REPAIRERS, N.E.C. . . . .	293 591	16 108	15 598	927	253 068	12 780	20 478	2 155	1 398	98	2 771	133	282	15	
NOT SPECIFIED MECHANICS AND REPAIRERS . . . . .	204 768	8 910	144 609	530	171 309	7 114	17 377	1 086	1 218	52	2 042	112	213	12	

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Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLES. SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES

	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN															
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.							
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE				
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.																				
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.																				
CONSTRUCTION TRADES	4 712 023	102 099	277 310	6 015	4 057 017	51 215	306 625	12 272	36 155	1 302	31 291	1 119	3 625	111						
SUPERVISORS, CONSTRUCTION OCCUPATIONS	777 628	13 204	31 315	580	706 819	11 212	30 369	1 173	4 137	103	4 543	129	445	7						
SUPERVISORS, BRICKMASON, STONEMASON, AND TILE SETTERS	5 005	43	281		4 916	83	259		22		27									
SUPERVISORS, CARPENTERS AND RELATED WORKERS	35 553	252	1 328	81	32 999	187	770	29	159		276		112							
SUPERVISORS, ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	36 597	450	1 009	13	36 463	406	648	432	121		298	8	6							
SUPERVISORS, PAINTERS, PAPERHANGERS, AND PLASTERERS	10 655	161	762		9 304	131	403	30	78		102		6							
SUPERVISORS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	17 391	99	612		16 283	99	302		65		122		7							
SUPERVISORS, N.E.C.	672 477	12 195	27 323	526	609 354	10 351	27 978	1 087	3 692	103	3 718	121	412	7						
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	3 934 395	88 890	245 995	5 435	3 350 198	70 063	278 256	11 999	32 018	1 199	26 748	990	3 180	104						
BRICKMASON & STONEMASON, EXCEPT APPRENTICES	202 971	2 274	12 123	494	158 184	1 602	29 719	478	1 434	29	1 357	10	154	11						
BRICKMASON AND STONEMASON APPRENTICES	1 135	142	155	8	2 506	111	446		16		11	7	10							
TILE SETTERS, HARD AND SOFT	31 897	681	3 067	37	26 178	527	2 196		77		139		58							
CARPET INSTALLERS	86 334	1 493	7 117	85	73 673	1 240	4 514	120	528	6	437	41	65							
CARPENTERS, EXCEPT APPRENTICES	1 275 666	20 225	71 587	1 206	1 119 773	15 961	62 958	2 491	11 780	297	8 540	244	1 020	26						
CARPENTER APPRENTICES	9 281	696	8 240	35	7 756	552	468		9		81	12	28							
DRYWALL INSTALLERS	95 170	2 130	8 323	196	61 351	1 747	3 778	194	1 110	13	516	15	92	13						
ELECTRICIANS, EXCEPT APPRENTICES	594 781	12 171	22 934	762	539 953	9 136	28 019	1 680	3 274	471	5 228	207	377	15						
ELECTRICIAN APPRENTICES	17 833	1 028	9 225	29	15 606	359	997		110		91	21	37	9						
ELECTRICAL POWER INSTALLERS AND REPAIRERS	103 062	1 801	3 338	89	92 235	1 301	4 663	279	640	26	355	14	35	7						
PAINTERS, CONSTRUCTION AND MAINTENANCE	398 078	24 391	38 962	1 727	316 020	19 447	38 085	2 639	2 929	341	3 668	225	475	12						
PAPERHANGERS	14 106	129	4 682	68	12 756	2 966	546	36	53	20	75	19	14							
PLASTERERS	28 360	580	4 082	32	19 363	351	4 485	140	250	8	203	9	17							
PLUMBERS, PIPEFITTERS, & STEAMFITTERS, EXCEPT APPRENTICES	483 423	6 221	25 242	423	420 332	4 735	31 742	931	3 104	81	2 578	51	325							
PLUMBER, PIPEFITTER, & STEAMFITTER APPRENTICES	12 008	360	435	6	10 790	330	558	17	107	7	110									
CONCRETE AND TERRAZZO FINISHERS	74 496	856	10 407	87	45 792	1 10	16 944	307	758	17	341	5	56							
GLAZIERS	32 024	1 516	2 112	103	28 201	1 249	1 192	158	169	6	311		39							
INSULATION WORKERS	54 676	2 386	3 756	122	46 323	1 852	3 881	369	307	30	292	13	39							
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	7 325	235	739	11	5 231	205	1 242	19	78		20		15							
ROOFERS	126 025	1 383	10 998	58	98 860	976	13 866	282	1 497	89	682	18	126							
SHEETMETAL DUCT INSTALLERS	26 602	420	1 417	13	26 079	367	740	28	122	6	247		6							
STRUCTURAL METAL WORKERS	88 164	1 067	4 129	45	77 814	796	4 422	171	1 277	25	481	30	41							
DRILLERS, EXCEPT	23 593	507	921	33	21 116	420	1 199	54	202		65									
CONSTRUCTION TRADES, N.E.C.	193 478	3 278	11 872	216	111 315	2 543	17 576	418	1 868	58	696	49	151							
EXTRACTIVE OCCUPATIONS	306 405	7 182	18 174	278	272 546	5 860	11 696	613	3 289	169	497	23	203	19						
SUPERVISORS, EXTRACTIVE OCCUPATIONS	80 870	1 755	2 970	51	75 847	1 581	1 364	86	350	11	119	14	20	32						
DRILLERS, OIL WELL	73 328	936	5 595	35	64 030	797	2 515	95	972	11	151		65							
EXPLOSIVES WORKERS	10 661	341	821	6	8 707	269	962	55	122	16	43		6							
MINING MACHINE OPERATORS	90 483	2 751	5 267	97	88 085	2 207	3 830	342	1 136	96	110	9	35							
MINING OCCUPATIONS, N.E.C.	51 083	1 399	3 521	91	43 477	1 031	3 025	235	509	35	74		77	7						
PRECISION PRODUCTION OCCUPATIONS	3 632 183	612 125	228 395	78 604	3 102 817	613 297	248 574	68 777	15 781	5 194	41 671	25 281	2 445	972						
SUPERVISORS, PRODUCTION OCCUPATIONS	1 405 489	202 570	80 404	23 997	1 405 783	225 446	99 781	27 420	5 832	1 420	12 736	4 009	953	278						
PRECISION METAL WORKING OCCUPATIONS	973 998	66 020	54 213	6 139	849 101	48 780	54 488	8 999	4 991	720	10 330	1 256	883	140						
TOOL AND DIE MAKERS, EXCEPT APPRENTICES	182 823	3 187	5 133	201	170 704	2 549	5 626	379	353	36	690	22	117							
TOOL AND DIE MAKER APPRENTICES	7 563	317	235		6 953	257	319	60	6		45	5								
PRECISION ASSEMBLERS, METAL	17 728	5 937	1 734	739	13 825	4 074	1 767	981	121	44	250	49	27	10						
MACHINISTS, EXCEPT APPRENTICES	500 294	25 860	29 916	2 597	428 191	17 704	32 942	4 856	2 319	171	6 368	419	558	24						
MACHINIST APPRENTICES	7 775	447	325	12	6 892	393	445	39	46		64									
BOILERMAKERS	36 622	587	1 566	44	32 265	385	2 156	158	397		224		10							
PRECISION GRINDERS, FITTERS, & TOOL SHARPENERS	18 607	1 182	584	53	17 207	942	592	110	141	17	83	40								
PATTERNMAKERS AND MODEL MAKERS, METAL	18 409	2 010	506	241	17 130	1 533	607	89	71	5	80	133	15	9						
LAY-OUT WORKERS	20 522	2 381	933	140	16 405	1 820	2 698	382	102	11	360	19	24							
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	25 693	12 369	4 365	1 388	19 179	9 423	853	687	531	306	623	427	52	48						
ENGRAVERS, METAL	9 503	5 844	632	412	8 280	4 979	361	403	18	8	207	30	5	12						
SHEET METAL WORKERS, EXCEPT APPRENTICES	126 162	5 191	8 106	254	110 061	4 074	5 903	760	878	31	1 124	65	70	7						
SHEET METAL WORKER APPRENTICES	604	133	47	11	510	189	38	32	4		5									
MISCELLANEOUS PRECISION METAL WORKERS	1 787	607	129	42	1 479	489	160	64			7									

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Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE. SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN										
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.		
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.															
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.															
PRECISION PRODUCTION OCCUPATIONS--CON.															
PRECISION WOODWORKING OCCUPATIONS	101 661	16 770	7 716	792	86 561	13 167	6 044	2 529	345	134	896	148	99	-	-
PATTERNMAKERS AND MODEL MAKERS, WOOD	4 462	128	115	6	4 246	119	57	3	8	-	36	-	-	-	-
CABINET MAKERS AND BENCH CARPENTERS	70 926	5 910	5 253	117	61 567	4 631	3 194	564	249	67	565	41	78	-	-
FURNITURE AND WOOD FINISHERS	22 423	9 535	2 087	267	17 448	7 268	2 537	1 869	69	17	261	54	21	-	-
MISCELLANEOUS PRECISION WOODWORKERS	3 650	1 197	261	102	3 300	999	254	93	19	-	14	53	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	125 971	153 695	21 377	17 478	89 505	111 066	11 853	15 886	629	1 048	2 417	8 020	190	195	-
DRESSMAKERS	6 805	97 154	1 203	11 890	4 231	67 918	1 061	10 300	53	753	2 417	6 195	20	98	-
TAILORS	37 567	24 458	7 575	3 064	24 771	17 279	3 925	2 702	88	415	1 119	1 230	89	68	-
UPHOLSTERERS	54 455	14 940	9 130	791	39 598	12 246	4 397	1 263	354	78	516	99	60	13	-
SHOE REPAIRERS	21 903	9 691	3 067	812	16 077	8 082	2 192	638	91	45	460	103	16	11	-
APPAREL AND FABRIC PATTERNMAKERS	2 090	2 197	166	223	1 734	1 729	49	101	-	-	51	139	-	3	-
MISC. PRECISION APPAREL AND FABRIC WORKERS	3 241	5 755	231	748	2 686	3 612	229	844	43	57	47	254	3	-	-
PRECISION WORKERS, ASSORTED MATERIALS	174 611	152 131	15 801	19 478	138 113	109 087	14 343	13 994	716	1 086	5 435	8 869	202	217	-
HAND HOLDERS AND SHAPERS, EXCEPT JEWELERS	71 679	5 484	3 249	453	23 139	4 184	4 958	703	164	59	162	69	12	6	-
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	7 129	2 208	7 436	208	6 344	1 707	326	164	17	25	33	98	6	6	-
OPTICAL GOODS WORKERS	27 841	19 011	1 790	1 347	28 309	14 346	1 115	840	101	69	538	376	8	13	-
GENIAL LAB. & MEDICAL APPLIANCE TECHNICIANS	33 005	15 790	2 818	944	28 519	13 150	1 801	964	110	107	1 726	557	32	18	-
BOOKBINDERS	13 148	17 654	1 013	1 493	10 786	13 993	1 094	1 883	20	77	211	201	38	17	-
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	27 256	85 282	3 438	14 421	18 408	54 004	2 655	8 572	140	677	2 347	7 467	64	141	-
MISCELLANEOUS PRECISION WORKERS, N.E.C.	34 463	7 382	2 863	612	28 588	5 733	2 392	868	164	52	418	101	36	16	-
PRECISION FOOD PRODUCTION OCCUPATIONS	337 587	100 933	36 208	7 979	262 989	75 242	30 971	14 717	1 437	596	5 654	2 294	328	103	-
BUTCHERS AND MEAT CUTTERS	251 489	42 957	25 603	3 993	191 151	28 183	21 235	9 291	1 113	351	4 151	1 076	236	63	-
BAKERS	69 321	47 649	8 496	2 595	51 167	39 936	8 062	4 029	225	193	1 295	847	76	29	-
FOOD BATCHMAKERS	16 777	10 327	2 109	1 391	12 671	7 123	1 674	1 397	99	52	208	353	16	11	-
PRECISION INSPECTORS, TESTERS, & RELATED WORKERS	75 107	29 956	3 724	2 383	64 977	12 829	4 676	3 960	274	124	1 372	627	84	33	-
INSPECTORS, TESTERS, & GRADERS	24 030	27 359	3 688	2 089	64 010	21 149	4 617	3 366	274	109	1 362	598	75	33	-
ADJUSTERS AND CALIBRATORS	1 077	2 597	36	299	967	1 660	59	594	-	15	4	29	9	-	-
PLANT AND SYSTEM OPERATORS	237 759	9 491	6 931	363	205 788	7 680	18 426	1 270	1 557	66	2 831	56	206	6	-
WATER AND SEWAGE TREATMENT PLANT OPERATORS	32 233	1 062	1 131	72	27 857	668	2 729	114	229	-	252	4	35	-	-
POWER PLANT OPERATORS	26 393	1 357	594	50	23 799	1 097	1 581	198	205	7	205	5	10	-	-
STATIONARY ENGINEERS	129 221	4 169	4 395	178	112 412	3 432	9 542	466	726	32	2 030	35	116	6	-
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	99 912	2 853	2 631	63	41 721	2 263	4 574	888	397	27	344	12	45	-	-
OPERATORS, FABRICATORS, AND LABORERS	14 591 489	5 486 486	1 185 717	545 013	11 095 034	3 918 251	1 981 625	867 203	95 770	33 917	130 089	116 028	13 254	6 074	-
MACHINE OPERATORS, ASSEMBLERS, & INSPECTORS	5 979 555	4 102 010	539 863	428 858	4 556 231	2 888 170	779 067	657 707	32 636	23 933	65 458	98 678	6 176	4 668	-
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION METALWORKING & PLASTIC WORKING MACH. OPERATORS	3 862 484	2 681 581	359 456	293 399	2 916 524	1 855 795	522 436	446 584	19 294	15 597	40 706	67 219	4 048	2 987	-
METALWORKING & PLASTIC WORKING MACH. OPERATORS	648 729	146 609	95 877	6 830	532 878	114 739	61 538	19 053	2 948	712	4 851	1 167	637	108	-
LATHE AND TURNING MACHINE SET-UP OPERATORS	52 354	3 578	1 645	45	45 562	2 991	3 459	387	196	14	292	21	67	-	-
LATHE AND TURNING MACHINE OPERATORS	109 020	10 574	5 127	414	98 010	8 960	4 549	1 046	355	44	894	92	69	18	-
MILLING AND PLANING MACHINE OPERATORS	19 743	1 856	957	34	17 457	1 715	956	151	76	33	280	23	17	-	-
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	120 535	56 791	9 534	3 626	95 363	45 377	14 034	7 280	667	185	789	279	148	38	-
ROLLING MACHINE OPERATORS	17 502	2 219	970	67	14 280	1 812	2 155	274	59	19	33	27	5	-	-
DRILLING AND BORING MACHINE OPERATORS	52 734	14 272	2 544	873	46 269	11 577	3 283	1 580	229	83	380	146	29	13	-
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	230 924	48 923	21 842	3 469	177 693	37 294	27 927	7 319	1 207	99	2 014	503	241	39	-
FORGING MACHINE OPERATORS	14 788	1 103	867	48	12 179	833	1 571	212	59	8	105	2	7	-	-
NUMERICAL CONTROL MACHINE OPERATORS	2 572	229	154	4	2 213	220	192	5	-	-	-	-	-	7	-
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	28 552	4 964	1 104	110	23 852	3 980	3 412	993	94	27	64	74	27	-	-
FABRICATING MACHINE OPERATORS, N.E.C.	22 895	12 337	2 182	795	18 234	9 978	2 219	1 385	92	82	163	80	5	17	-
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	178 174	64 504	16 832	3 582	135 622	50 993	23 157	9 032	892	348	1 938	501	233	48	-
HOLDING AND CASING MACHINE OPERATORS	103 617	54 660	8 535	2 733	81 033	43 415	12 786	7 794	472	273	706	403	85	42	-
METAL PLATING MACHINE OPERATORS	37 158	6 709	5 307	820	26 777	5 315	4 332	688	201	46	441	54	100	6	-
HEAT TREATING EQUIPMENT OPERATORS	23 521	1 402	1 363	78	18 873	1 066	3 945	235	83	16	129	7	28	-	-
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	13 878	1 733	1 627	151	8 939	1 197	2 994	335	136	13	162	37	20	-	-

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					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
OPERATORS, FABRICATORS, AND LABORERS--CON.														
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS--CON.														
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION-- CON.														
WOODWORKING MACHINE OPERATORS	138 382	23 590	7 216	1 453	112 330	18 858	16 520	3 213	1 453	210	784	290	79	16
WOOD LATHE, ROUTING, & PLANING MACH. OPERATORS	7 337	841	363	26	6 300	701	585	108	53	-	36	4	-	-
SAWING MACHINE OPERATORS	95 918	12 453	4 807	778	77 371	9 774	12 086	1 602	1 117	136	469	154	94	9
SHAPING AND JOINING MACHINE OPERATORS	5 765	3 677	334	201	4 511	2 671	788	504	35	36	58	13	6	7
MATING AND TACKLING MACHINE OPERATORS	3 109	1 635	303	129	2 452	1 272	312	234	23	-	13	24	6	-
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	26 317	4 984	1 409	317	21 696	3 840	2 702	705	259	38	211	24	13	-
PRINTING MACHINE OPERATORS	325 023	119 376	20 632	3 732	274 209	102 440	22 702	9 214	1 238	467	3 708	1 396	334	127
PHOTODUPLICATION OPERATORS	249 019	59 882	17 422	5 178	207 894	46 685	19 511	5 718	953	227	2 955	616	264	58
PHOTODUPLICATION AND LITHOGRAPHERS	20 958	5 050	1 853	153	19 104	4 897	19 104	4 897	67	19	210	92	12	-
TYPESETTERS AND COMPOSITORS	21 205	3 316	1 141	1 069	28 395	36 421	1 146	1 311	116	115	355	343	12	51
MISCELLANEOUS PRINTING MACHINE OPERATORS	21 841	1 525	1 141	1 332	18 616	20 451	1 513	1 873	102	104	184	345	26	18
TEXTILE, APPAREL, & FURNISHING MACH. OPERATORS	303 442	1 328 580	38 464	162 845	196 578	868 900	59 937	237 568	1 525	8 282	6 325	49 438	437	1 547
KNITTING AND TRIMMING MACHINE OPERATORS	27 631	83 775	657	1 239	20 504	60 720	6 260	20 917	110	416	84	476	14	5
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	26 330	48 567	1 939	1 277	19 699	34 667	4 958	10 989	135	846	193	466	6	22
TEXTILE CUTTING MACHINE OPERATORS	4 854	4 416	684	507	3 275	2 947	808	835	42	29	43	99	12	-
TEXTILE SEWING MACHINE OPERATORS	53 249	660 848	14 659	129 471	27 917	558 783	8 618	123 097	268	4 807	2 001	43 536	161	1 158
SHOE MACHINE OPERATORS	19 915	50 530	2 345	3 065	16 281	48 895	1 157	3 883	78	260	35	391	19	27
PRESSING MACHINE OPERATORS	26 716	80 571	5 582	10 233	12 174	38 833	7 190	29 617	109	508	1 592	1 258	70	122
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	65 388	121 657	6 993	13 500	42 958	74 163	13 054	30 486	346	1 043	1 945	2 782	92	153
MISCELLANEOUS TEXTILE MACHINE OPERATORS	78 988	72 216	5 801	4 023	54 370	49 592	17 892	17 745	436	364	432	428	63	-
MACHINE OPERATORS, ASSORTED MATERIALS	2 247 799	988 585	228 057	110 162	1 646 073	690 287	330 163	167 119	11 146	5 496	23 437	14 397	2 323	1 124
CEMENTING AND GLUING MACHINE OPERATORS	19 158	17 378	1 730	1 236	14 061	13 332	3 068	2 490	160	160	118	150	21	10
PACKAGING AND FILLING MACHINE OPERATORS	56 113	65 029	6 857	8 424	39 486	44 466	8 626	9 972	283	521	813	1 570	48	56
EXTRUDING AND FORMING MACHINE OPERATORS	21 559	3 537	1 328	213	18 209	2 780	1 781	457	104	56	125	31	12	-
MIXING AND BLENDING MACHINE OPERATORS	99 326	12 268	7 338	830	72 801	9 027	17 644	2 037	459	96	957	246	63	12
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	66 374	6 180	3 143	981	54 547	4 311	7 900	1 287	322	38	441	63	21	-
COMPRESSING & COMPACTING MACHINE OPERATORS	15 857	6 761	1 188	517	11 495	5 022	2 950	1 109	79	25	131	63	14	25
PAINTING AND PAINT SPRAYING MACH. OPERATORS	143 719	27 419	17 463	2 390	107 149	20 850	16 481	3 697	769	153	1 310	292	147	37
ROASTING & BAKING MACH. OPERATORS, FOOD	6 178	1 044	575	68	4 534	759	1 013	181	22	14	34	22	-	-
WASHING, CLEANING, & PICKLING MACHINE OPERATORS	6 992	2 293	564	246	5 200	1 498	1 113	481	45	17	70	51	-	-
FOLDING MACHINE OPERATORS	13 292	20 455	1 485	1 637	9 373	14 589	2 288	3 850	6	104	133	257	7	16
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	146 322	7 473	8 026	388	115 368	5 486	21 477	1 285	657	-	683	81	111	12
CRUSHING AND GRINDING MACHINE OPERATORS	40 112	4 466	3 082	357	35 821	2 792	7 708	1 004	312	28	282	85	7	-
SLICING AND CUTTING MACHINE OPERATORS	149 231	61 452	16 217	6 819	111 505	48 004	19 333	9 195	852	486	1 223	685	101	113
MOTION PICTURE PROJECTIONISTS	73 119	1 326	505	97	11 620	1 126	693	71	66	4	172	28	53	-
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	42 149	48 894	2 970	2 914	34 043	40 662	5 520	4 179	164	303	1 378	783	74	48
MISC. AND NOT SPECIFIED MACHINE OPERATOR OCCUPATIONS	1 400 276	702 602	154 306	83 390	1 001 431	479 403	220 552	125 804	6 816	3 470	15 567	9 790	1 624	495
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	467 095	231 591	43 114	21 112	352 830	167 609	63 522	37 944	2 344	1 219	4 760	3 508	525	199
MACHINE OPERATORS, NOT SPECIFIED	933 201	471 011	111 192	62 228	648 601	311 794	157 030	87 860	4 472	2 251	10 807	6 282	1 099	596
INDUSTRIAL MANUFACTURING	1 194 211	622 810	132 957	75 386	855 705	425 309	186 126	109 932	5 328	2 960	12 632	8 499	1 283	724
NONDURABLE GOODS	450 403	276 725	49 146	34 860	318 469	186 216	75 728	50 297	2 214	1 330	4 404	3 782	442	238
DURABLE GOODS	743 808	346 085	83 791	40 526	537 236	239 091	110 398	59 635	3 114	1 630	8 428	4 717	841	486
NONMANUFACTURING INDUSTRIES	206 085	79 792	21 369	7 954	148 726	54 094	34 426	15 872	1 488	510	2 735	1 291	341	71
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 679 608	952 527	155 510	94 257	1 279 975	682 062	211 679	145 972	11 177	5 613	19 537	23 385	1 730	1 243
WELDERS AND CUTTERS	744 585	46 443	62 697	3 588	592 325	43 491	75 343	8 528	6 629	333	6 928	419	593	24
SOLDERERS AND BRAITERS	7 469	26 457	1 746	3 894	4 997	19 118	541	2 920	18	179	157	676	105	74
ASSEMBLERS	858 542	841 158	84 373	83 267	629 111	600 837	128 490	129 980	4 045	4 744	11 578	21 237	945	1 093
HAND CUTTING AND TRIMMING OCCUPATIONS	11 028	6 956	1 393	928	7 968	4 336	1 364	1 155	63	41	196	490	24	6
HAND HOLDING, CASTING, AND FORMING OCCUPATIONS	12 127	6 198	1 264	591	9 340	4 953	1 324	527	81	50	112	41	6	16
HAND PAINTING, COATING, & DECORATING OCCUPATIONS	29 670	11 245	2 401	848	23 620	8 927	2 244	1 244	228	88	449	133	41	5
HAND ENGRAVING AND PRINTING OCCUPATIONS	1 463	679	320	150	1 278	216	192	65	2	11	-	33	-	-
HAND GRINDING AND POLISHING OCCUPATIONS	2 027	831	481	222	1 277	552	239	99	16	14	38	44	-	-
MISCELLANEOUS HAND WORKING OCCUPATIONS	12 697	12 560	1 275	1 364	9 019	9 336	1 375	1 454	75	153	82	232	11	21
PRODUCTION INSPECTION, TESTERS, AND MEASURERS	437 883	449 906	25 617	41 207	399 732	350 513	44 962	65 151	2 167	2 723	5 215	8 074	400	436
PRODUCTION INSPECTION, CHECKERS, AND EXAMINERS	306 469	375 129	17 224	25 255	291 141	249 756	34 560	52 248	1 480	2 039	3 752	5 502	332	332
PRODUCTION TESTERS	39 631	19 361	2 121	1 489	33 136	14 915	3 360	2 446	146	73	349	471	25	7
PRODUCTION SAMPLERS AND MEASURERS	5 598	4 613	549	752	4 249	2 568	653	542	34	23	43	106	-	4
GRADERS AND SORTERS, EXC. AGRICULTURAL	43 815	69 403	5 163	13 751	31 212	43 054	6 379	9 915	507	593	571	1 995	43	-

<sup>1</sup> PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.



Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS; SEE TEXT)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN										
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN/ ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.		
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.	4 643 158	375 164	267 307	17 313	3 552 942	304 050	565 761	48 442	29 854	3 098	26 074	2 092	3 700	167	
OPERATORS, FABRICATORS, AND LABORERS--CON.	2 980 161	299 364	178 114	10 513	2 363 513	247 575	399 497	37 248	17 996	2 533	18 658	1 411	2 181	122	
TRANS. AND MATERIAL MOVING OCCUPATIONS.	30 566	2 083	1 084	67	26 895	1 647	2 289	111	133	7	158	51	7	-	
MOTOR VEHICLE OPERATORS	1 852 943	44 082	100 032	1 996	1 497 724	35 189	234 526	6 148	12 143	561	6 903	175	1 095	13	
SUPERVISORS, MOTOR VEHICLE OPERATORS.	512 671	37 489	37 357	1 770	412 823	32 248	55 384	2 854	2 269	341	4 499	235	339	41	
TRUCK DRIVERS, HEAVY.	170 934	13 874	7 086	563	153 010	12 041	9 328	1 185	463	107	561	76	66	-	
TRUCK DRIVERS, LIGHT	209 379	176 955	11 816	4 946	142 047	447 779	51 510	22 446	1 617	1 184	2 194	546	195	54	
DRIVER-SALES WORKERS.	166 990	21 603	16 351	1 004	107 977	14 178	37 910	3 936	1 147	313	3 210	158	395	14	
BUS DRIVERS	33 740	3 069	4 084	269	20 486	2 200	8 046	512	163	20	877	68	84	-	
TAXICAB DRIVERS AND CHAUFFEURS.	3 438	209	284	-	2 553	133	504	56	41	-	56	-	-	-	
PARKING LOT ATTENDANTS.	283 604	5 523	9 266	241	249 520	4 444	21 763	708	1 682	86	1 180	44	193	-	
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	209 072	3 468	5 859	128	184 577	2 810	17 343	475	868	31	325	24	100	-	
TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLE.	46 531	763	736	42	43 110	641	2 495	66	115	5	50	9	23	-	
RAIL TRANSPORTATION OCCUPATIONS	71 866	1 232	1 696	51	63 127	944	6 379	216	296	16	143	5	23	-	
RAILROAD CONDUCTORS AND WARDMASTERS	81 736	1 183	2 634	35	70 784	1 066	7 571	124	379	8	76	10	52	-	
LOCOMOTIVE OPERATING OCCUPATIONS.	6 939	2 290	3 373	-	7 356	76	898	69	76	2	36	2	-	-	
RAILROAD, BRAKE, SIGNAL, AND SWITCH OPERATORS.	74 532	2 055	3 407	113	64 943	1 634	4 420	233	814	55	855	20	43	-	
RAIL VEHICLE OPERATORS, N.E.C.	32 789	852	889	35	30 422	327	807	59	423	15	198	16	20	-	
WATER TRANSPORTATION OCCUPATIONS.	33 300	890	2 260	63	27 064	676	3 085	113	336	34	586	4	69	-	
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	3 681	78	186	6	3 199	53	204	19	26	-	64	-	-	-	
SAILORS AND DECKHANDS.	4 752	433	78	9	4 315	376	324	42	29	6	7	-	4	-	
MARINE ENGINEERS	1 181 393	70 277	79 927	6 559	939 907	52 071	144 521	10 486	10 176	479	6 036	637	826	43	
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS.	29 416	1 252	1 466	20	25 474	1 125	2 086	82	126	11	231	6	13	-	
MATERIAL MOVING EQUIPMENT OPERATORS	4 235 587	3 239	11 870	189	204 669	2 426	14 499	466	3 209	94	1 178	56	142	8	
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS.	4 137	128	385	4	2 146	104	1 416	20	62	-	126	-	-	-	
OPERATING ENGINEERS	31 166	723	2 998	19	25 894	638	1 648	104	479	13	104	7	23	-	
LONGSHORE EQUIPMENT OPERATORS	128 622	2 751	7 006	147	101 281	1 824	19 068	709	622	32	1 6	35	97	4	
HOIST AND WINCH OPERATORS	81 413	1 505	4 087	125	78 014	1 261	4 279	113	798	6	201	-	34	-	
CRANE AND TOWER OPERATORS	70 567	1 013	2 583	23	71 129	752	4 445	197	799	32	173	9	36	-	
EXCAVATING AND LOADING MACHINE OPERATORS.	415 064	20 408	36 824	1 366	299 306	13 607	73 081	3 100	3 065	150	2 404	150	324	5	
GRADY, DOZER, AND SCRAPER OPERATORS.	176 479	39 258	12 686	4 658	137 974	28 334	23 575	5 723	1 016	141	1 071	374	157	28	
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS.	HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 076 776	009 308	378 027	98 840	2 968 861	726 031	636 777	161 034	33 278	6 886	38 557	15 258	3 876	1 239
SUPERVISORS, HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.	8 642	1 528	1 777	34	7 231	1 196	1 128	326	37	9	64	13	5	-	
HELPERS, MECHANICS AND REPAIRERS.	26 376	1 999	3 215	147	19 047	1 069	3 684	252	244	13	356	18	32	-	
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS.	152 101	6 819	15 668	504	117 258	5 151	16 639	955	1 562	151	851	62	123	6	
HELPERS, CONSTRUCTION TRADES.	121 487	4 665	13 222	321	91 416	3 452	14 925	696	1 119	80	696	41	109	6	
HELPERS, SURVEYOR	10 326	760	5	3	9 193	633	1 456	69	110	37	72	16	-	-	
HELPERS, EXTRACTIVE OCCUPATIONS	20 288	1 594	1 950	176	18 409	1 066	1 259	121	332	26	43	5	14	-	
CONSTRUCTION LABORERS	833 937	27 286	89 239	2 159	587 016	18 959	143 554	5 401	8 947	505	4 421	178	760	9	
PRODUCTION HELPERS.	98 971	22 012	11 604	4 293	70 646	14 502	14 390	4 033	722	107	1 304	534	105	43	
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 180 774	213 194	63 952	11 644	906 094	171 345	170 137	25 975	6 770	1 280	12 746	2 693	1 075	257	
GARBAGE COLLECTORS.	74 302	2 275	6 233	112	41 630	1 162	25 460	955	571	28	394	18	54	-	
STEVEDORES.	21 648	318	2 539	54	11 206	118	7 482	150	135	5	286	4	36	11	
STOCK HANDLERS AND BAGGERS.	540 360	146 988	38 003	7 934	465 495	125 048	43 426	12 122	2 328	782	8 636	2 129	492	173	
MACHINE FEEDERS AND OFFBEARERS.	77 403	35 238	5 042	2 940	57 141	25 827	14 028	6 765	635	262	436	269	79	35	
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	447 025	26 375	32 135	1 484	330 622	18 350	77 801	6 003	3 101	203	2 952	237	414	38	
GARAGE AND SERVICE STATION RELATED OCCUPATIONS.	314 550	27 123	17 865	984	284 862	23 826	25 730	1 773	1 969	267	3 912	273	212	-	
VEHICLE WASHERS AND EQUIPMENT CLEANERS.	125 600	22 301	12 652	1 746	85 800	15 375	25 447	4 698	777	161	1 219	258	105	27	
HAND PACKERS AND PACKAGERS	206 844	415 923	32 219	52 576	134 623	293 021	35 523	60 497	1 119	2 016	3 012	7 063	336	592	
LABORERS, EXCEPT CONSTRUCTION MANUFACTURING	1 128 789	271 569	111 636	26 613	793 284	181 150	200 943	56 984	11 131	2 387	10 672	4 130	1 123	305	
NONDURABLE GOODS.	486 417	152 679	49 234	15 574	337 902	101 714	62 138	32 067	3 110	1 029	5 527	2 147	504	148	
DURABLE GOODS	184 070	80 943	20 070	8 773	124 207	52 601	36 390	17 591	1 325	614	1 862	1 345	180	69	
TRANS., COMMUNICATIONS, & OTHER PUB. UTILITIES.	302 375	71 736	29 164	6 801	213 695	49 113	55 740	14 526	1 785	415	1 665	802	326	79	
WHOLESALE AND RETAIL TRADE.	155 580	12 013	15 166	1 011	104 811	7 789	33 053	2 957	2 151	105	1 070	138	89	13	
ALL OTHER INDUSTRIES.	280 285	61 840	26 060	5 903	211 392	42 990	37 238	11 197	3 781	358	3 787	1 158	267	74	
	206 507	48 237	21 236	4 125	140 079	28 657	38 514	10 763	4 129	915	2 288	707	261	70	
UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975.	300 935	430 806	31 999	41 777	166 495	252 200	93 362	124 386	2 900	3 746	5 503	7 943	476	704	

<sup>1</sup> PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

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18 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER	59 926 468	44 523 329	51 884 626	37 307 269	5 330 792	5 251 644	333 371	250 908	947 240	825 596	1 430 219	887 912
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	13 357 369	9 196 289	12 411 595	8 073 437	573 688	804 433	45 180	41 645	306 679	190 528	120 227	66 246
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 209 661	3 168 857	6 717 927	2 830 044	280 972	229 804	23 751	15 347	128 147	60 758	65 364	32 904
LEGISLATORS	7 112	3 557	6 281	3 256	405	166	253	65	118	48	55	22
CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS	27 458	8 319	23 131	6 295	3 460	1 675	933	111	269	148	465	90
PUBLIC ADMINISTRATION	194 465	99 518	174 947	85 543	13 559	11 114	1 491	454	2 702	1 076	1 940	931
ADMINISTRATORS & OFFICIALS, PUBLIC ADMINISTRATION	23 769	2 468	22 301	2 093	829	280	144	21	98	16	133	58
ADMINISTRATORS, PROTECTIVE SERVICES	281 218	128 626	266 614	119 376	6 882	6 050	429	332	5 386	1 735	1 707	1 133
FINANCIAL MANAGERS	140 747	79 198	128 220	70 347	8 227	6 317	469	305	1 832	1 179	1 999	1 050
PERSONNEL AND LABOR RELATIONS MANAGERS	56 068	15 111	53 434	13 652	1 267	1 025	137	46	703	239	348	149
MANAGERS, MARKETING, ADVERTISING, & PUB. RELATIONS	567 362	121 513	549 364	114 425	9 166	4 370	1 045	351	5 530	1 530	2 237	877
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	239 766	147 772	214 777	124 056	20 324	19 452	954	1 107	1 780	1 588	2 005	1 569
MANAGERS, MEDICINE AND HEALTH	54 583	58 298	49 325	48 858	3 925	5 663	212	373	736	859	385	545
MANAGERS, PROPERTIES AND REAL ESTATE	117 835	82 237	105 355	74 983	7 921	4 905	608	517	1 364	882	2 587	950
POSTMASTERS AND MAIL SUPERINTENDENTS	17 131	10 632	16 955	13 270	510	122	109	141	63	62	94	37
FUNERAL DIRECTORS	36 786	3 510	33 290	2 731	3 205	699	89	-	81	30	121	30
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 404 912	1 253 789	3 194 427	1 140 216	113 618	76 687	10 258	5 790	55 220	18 939	30 989	12 117
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	419 697	154 149	388 471	140 698	12 454	4 755	1 369	679	12 321	6 181	5 082	1 836
MANAGEMENT RELATED OCCUPATIONS	1 618 132	999 200	1 468 245	870 225	75 395	88 524	5 351	4 655	33 944	26 246	15 197	11 550
ACCOUNTANTS AND AUDITORS	626 958	386 299	577 147	333 755	23 476	30 892	1 331	1 621	19 992	16 280	4 612	3 751
UNDERWRITERS	7 752	10 845	7 111	9 828	7 393	787	12	21	190	105	96	104
OTHER FINANCIAL OFFICERS	223 633	182 318	209 877	164 928	7 498	11 074	517	669	3 967	3 645	1 774	2 002
MANAGEMENT ANALYSTS	68 652	29 929	83 594	26 613	3 024	2 501	177	1 299	415	429	223	223
PERSONNEL, TRNG., AND LABOR RELATIONS SPECIALISTS	224 039	198 760	195 692	164 411	20 309	26 234	1 339	1 316	2 705	3 196	3 984	3 623
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	17 933	1 547	17 110	1 396	574	126	46	-	94	11	109	14
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	43 192	74 639	88 651	69 528	2 235	3 233	214	200	1 377	1 083	715	595
PURCHASING AGENTS AND BUYERS, N.E.C.	130 769	60 974	123 762	55 813	4 277	3 610	477	248	1 272	626	981	470
BUSINESS AND PROMOTION AGENTS	13 780	6 827	12 611	6 329	806	327	38	25	140	79	189	67
CONSTRUCTION INSPECTORS	48 813	2 479	44 121	1 925	2 484	412	307	8	704	62	587	72
INSPECTORS & COMPLIANCE OFFICERS, EXCEPT CONSTR.	128 935	27 909	115 431	21 861	9 186	4 756	675	260	2 083	546	1 560	486
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	14 476	16 649	13 138	13 838	913	2 372	101	90	171	206	151	143
PROFESSIONAL SPECIALTY OCCUPATIONS	6 247 708	6 027 432	5 644 188	5 243 363	292 716	574 629	21 429	26 298	184 532	129 770	54 863	53 382
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 465 720	75 080	1 352 694	65 944	34 927	4 871	3 657	291	64 863	3 110	9 079	864
ARCHITECTS	98 743	8 930	91 012	8 110	2 703	310	193	30	3 863	395	972	96
ENGINEERS	1 336 164	64 809	1 232 918	56 603	31 499	4 517	3 185	243	60 753	2 705	7 809	741
AEROSPACE	85 522	2 869	77 175	2 435	1 493	221	234	-	4 177	173	543	40
METALLURGICAL AND MATERIALS	23 260	1 279	21 726	1 126	469	80	25	21	893	46	147	6
Mining	9 700	341	9 276	319	100	-	61	17	198	5	65	-
PETROLEUM	22 235	819	21 195	733	315	31	105	6	485	4	135	5
CHEMICAL	54 487	3 015	50 082	2 579	955	205	70	8	3 134	194	245	29
NUCLEAR	8 897	343	8 087	304	134	10	22	-	699	16	45	11
CIVIL	198 029	6 006	178 792	5 134	4 277	373	572	24	12 388	356	1 500	99
AGRICULTURAL	4 115	390	3 907	353	62	23	4	-	122	7	20	-
ELECTRICAL AND ELECTRONIC	306 695	16 179	281 820	13 772	8 106	1 470	791	14	14 110	608	1 853	235
INDUSTRIAL	174 966	39 354	165 479	17 494	4 520	1 125	369	108	3 539	400	1 061	227
MECHANICAL	193 579	4 071	180 312	3 564	4 816	304	360	20	7 446	182	843	11
MARINE AND NAVAL ARCHITECTS	16 367	315	15 446	281	457	19	49	6	416	9	99	-
ENGINEERS, N.E.C.	238 210	9 828	217 612	8 499	5 794	656	523	12	13 028	583	1 253	78
SURVEYORS AND MAPPING SCIENTISTS	30 313	1 321	28 764	1 222	705	44	279	18	247	10	298	27
MATHEMATICAL AND COMPUTER SCIENTISTS	244 129	86 318	224 061	74 587	9 737	7 756	634	321	8 278	3 030	1 419	624
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	157 140	45 511	144 212	39 707	6 129	3 470	374	183	5 538	1 806	890	345
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	58 435	22 441	53 869	19 248	2 476	2 418	175	81	1 538	561	377	133
ACTUARIES	7 682	2 637	7 326	2 465	91	94	-	-	259	78	6	-
STATISTICIANS	15 684	14 516	13 979	12 201	793	1 595	60	57	746	517	106	146
MATHEMATICAL SCIENTISTS, N.E.C.	5 188	1 213	4 675	966	248	179	25	-	200	68	40	-
NATURAL SCIENTISTS	251 535	62 660	230 451	53 360	8 144	3 954	963	286	10 238	4 489	1 719	572
PHYSICISTS AND ASTRONOMERS	21 253	1 220	19 590	1 121	3 320	41	30	-	1 160	40	153	19
CHEMISTS, EXCEPT BIOCHEMISTS	81 699	20 540	72 000	16 310	3 642	1 475	156	68	5 368	2 414	533	273
ATMOSPHERIC AND SPACE SCIENTISTS	6 986	1 429	6 489	1 258	689	129	45	2	106	31	65	7
GEOLOGISTS AND GEODESISTS	40 985	5 142	39 519	4 829	488	205	93	10	623	9	262	17
PHYSICAL SCIENTISTS, N.E.C.	6 874	1 747	6 358	1 521	311	196	5	5	143	28	58	17
AGRICULTURAL AND FOOD SCIENTISTS	19 009	5 580	17 378	4 844	611	437	59	37	853	198	108	14
BIOLOGICAL AND LIFE SCIENTISTS	30 840	15 239	28 206	13 224	885	817	60	63	1 499	1 043	190	92
FORESTRY & CONSERVATION SCIENTISTS	31 985	3 582	30 050	3 185	963	184	493	73	269	63	274	75
MEDICAL SCIENTISTS	11 904	8 161	10 661	7 018	443	666	23	28	697	580	80	69



Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS; SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
HEALTH DIAGNOSING OCCUPATIONS . . . . .	570 546	76 280	516 391	58 662	1 069	4 054	718	165	36 353	12 683	3 095	716
PHYSICIANS . . . . .	375 289	57 966	330 297	42 316	5 264	3 245	413	127	31 730	11 722	2 585	556
DENTISTS . . . . .	116 916	6 375	110 425	7 371	2 715	480	183	18	3 305	616	288	90
VETERINARIANS . . . . .	29 797	4 558	28 873	4 334	409	124	58	6	359	73	98	21
OPTOMETRISTS . . . . .	22 567	2 036	21 816	1 882	194	56	36	6	461	97	58	33
PODIATRISTS . . . . .	7 124	657	6 860	538	210	78	2	1	54	41	1	1
HEALTH DIAGNOSING PRACTITIONERS, N.E.C. . . . .	18 851	2 688	18 120	2 461	193	71	28	6	444	134	66	16
HEALTH ASSESSMENT AND TREATING OCCUPATIONS . . . . .												
REGISTERED NURSES . . . . .	240 569	1 482 007	211 468	1 296 820	17 489	118 024	778	4 790	7 919	51 288	2 915	9 085
PHARMACISTS . . . . .	52 755	1 232 544	44 278	1 066 595	7 489	91 534	187	3 844	1 978	43 870	803	6 701
DIETICIANS . . . . .	110 635	35 002	102 572	30 382	7 954	1 806	758	96	4 340	2 323	611	395
THERAPISTS . . . . .	6 787	60 483	4 457	44 527	1 919	12 621	25	307	1 79	2 405	207	623
RESPIRATORY THERAPISTS . . . . .	52 181	141 752	44 174	127 351	5 695	10 413	268	464	1 071	2 337	973	1 187
INHALATION THERAPISTS . . . . .	21 179	17 559	17 985	23 666	2 133	3 007	90	134	526	463	485	289
OCCUPATIONAL THERAPISTS . . . . .	1 499	15 257	1 216	15 183	203	574	14	36	44	394	22	70
PHYSICAL THERAPISTS . . . . .	11 234	31 841	9 785	28 804	7 006	1 967	33	91	252	701	458	278
SPEECH THERAPISTS . . . . .	4 885	36 811	4 219	34 298	187	1 871	22	54	25	361	32	227
THERAPISTS, N.E.C. . . . .	13 774	29 284	10 969	25 400	2 166	2 994	109	149	224	416	316	323
PHYSICIANS- ASSISTANTS . . . . .	18 211	12 226	15 987	9 985	1 432	1 650	140	79	331	353	321	179
TEACHERS, POSTSECONDARY . . . . .												
EARTH, ENVIRONMENTAL, & MARINE SCIENCE TEACHERS . . . . .	404 104	233 045	368 720	208 604	15 507	15 596	1 230	798	15 429	5 811	3 218	2 448
BIOLOGICAL SCIENCE TEACHERS . . . . .	1 904	370	1 833	353	10	5	1	1	38	9	18	8
CHEMISTRY TEACHERS . . . . .	6 537	3 114	6 143	2 798	122	171	16	19	239	113	26	13
PHYSICS TEACHERS . . . . .	6 671	1 711	6 126	1 559	148	28	20	2	351	83	28	11
NATURAL SCIENCE TEACHERS, N.E.C. . . . .	4 882	532	4 473	474	65	18	6	1	303	36	35	4
PSYCHOLOGY TEACHERS . . . . .	6 637	194	604	184	6	10	1	1	19	8	7	2
ECONOMICS TEACHERS . . . . .	3 494	2 326	3 272	2 104	124	153	29	2	57	47	8	22
HISTORY TEACHERS . . . . .	4 024	1 088	3 705	904	103	43	2	1	172	54	44	7
POLITICAL SCIENCE TEACHERS . . . . .	4 267	1 333	4 061	1 229	126	84	1	1	61	20	19	7
SOCIOLOGY TEACHERS . . . . .	1 677	994	1 451	379	110	110	1	1	78	10	32	11
SOCIAL SCIENCE TEACHERS, N.E.C. . . . .	2 263	994	2 040	839	129	87	10	6	62	18	22	11
ENGINEERING TEACHERS . . . . .	1 301	708	1 207	663	23	12	16	6	27	6	28	21
MATHEMATICAL SCIENCE TEACHERS . . . . .	9 719	1 253	8 796	1 132	317	70	38	8	494	36	74	7
COMPUTER SCIENCE TEACHERS . . . . .	11 390	5 307	10 218	4 603	496	438	58	7	530	221	88	36
MEDICAL SCIENCE TEACHERS . . . . .	1 882	716	1 587	624	68	54	7	1	170	20	50	18
HEALTH SPECIALTIES TEACHERS . . . . .	6 891	2 123	6 344	1 972	175	81	7	1	319	45	53	25
BUSINESS, COMMERCE, AND MARKETING TEACHERS . . . . .	2 596	16 054	2 390	15 380	143	1 109	12	65	51	317	1	84
AGRICULTURE AND FORESTRY TEACHERS . . . . .	4 022	3 594	3 696	3 238	189	259	20	10	123	52	14	35
ART, DRAMA, AND MUSIC TEACHERS . . . . .	3 246	567	3 016	528	122	37	18	1	41	2	49	1
PHYSICAL EDUCATION TEACHERS . . . . .	14 718	13 667	13 653	12 609	800	678	67	54	141	272	57	54
EDUCATION TEACHERS . . . . .	5 362	3 626	4 825	3 351	435	190	26	20	69	35	27	21
ENGLISH TEACHERS . . . . .	1 373	935	1 222	807	121	90	6	1	9	38	15	11
FOREIGN LANGUAGE TEACHERS . . . . .	10 536	12 865	9 980	11 656	302	704	8	52	192	150	76	101
LAW TEACHERS . . . . .	4 039	5 915	3 705	5 325	62	148	6	3	184	259	82	180
SOCIAL WORK TEACHERS . . . . .	3 301	811	3 161	719	104	76	1	1	19	6	17	8
THEOLOGY TEACHERS . . . . .	329	481	317	347	12	405	1	1	23	1	6	6
TRADE AND INDUSTRIAL TEACHERS . . . . .	2 809	767	2 694	717	64	25	5	8	46	12	5	5
HOME ECONOMICS TEACHERS . . . . .	2 490	1 105	2 239	999	183	95	14	1	43	5	11	6
TEACHERS, POSTSECONDARY, N.E.C. . . . .	163	1 824	150	1 686	5	112	1	1	8	13	1	12
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED . . . . .	2 565	1 402	2 308	1 231	148	111	1	7	80	47	2 309	1 544
TEACHERS, EXCEPT POSTSECONDARY . . . . .	279 034	146 503	253 564	129 992	10 810	10 569	845	538	11 506	3 860	2 309	1 544
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN . . . . .	1 086 775	2 635 345	982 560	2 284 164	77 156	288 876	4 706	11 618	11 820	28 126	10 533	27 561
TEACHERS, ELEMENTARY SCHOOL . . . . .	6 564	176 774	4 831	146 534	1 298	24 434	79	1 134	157	1 760	199	2 912
TEACHERS, SECONDARY SCHOOL . . . . .	569 823	1 749 547	509 594	1 503 715	46 275	204 648	2 305	7 532	5 788	18 981	5 841	14 651
TEACHERS, SPECIAL EDUCATION . . . . .	374 203	486 603	345 740	432 381	20 926	44 651	1 543	1 851	3 108	4 404	2 886	3 316
TEACHERS, N.E.C. . . . .	10 136	22 680	9 146	19 926	693	2 379	76	123	123	136	100	116
COUNSELORS, EDUCATIONAL AND VOCATIONAL . . . . .	426 047	199 741	113 249	181 608	7 984	12 764	703	958	2 644	445	1 487	1 569
LIBRARIANS, ARCHIVISTS, AND CURATORS . . . . .	90 587	107 669	75 743	85 825	10 735	17 394	1 096	1 412	1 244	1 436	1 749	1 662
LIBRARIANS . . . . .	40 514	162 187	35 686	145 543	2 884	11 991	153	375	1 240	2 985	531	1 074
ARCHIVISTS . . . . .	32 749	154 600	24 782	138 711	2 353	11 434	120	524	1 086	2 009	478	1 022
ARCHIVISTS AND CURATORS . . . . .	7 735	7 567	6 944	6 832	531	556	33	51	174	76	53	52

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20 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
SOCIAL SCIENTISTS AND URBAN PLANNERS . . . . .	136 114	81 744	126 346	72 619	5 586	6 739	438	326	2 632	1 381	1 130	679
ECONOMISTS . . . . .	67 218	28 347	62 696	25 645	2 135	1 843	179	68	1 617	1 376	371	193
PSYCHOLOGISTS . . . . .	49 162	43 827	45 460	38 511	2 414	4 151	149	260	515	367	58	398
SOCIOLOGISTS . . . . .	1 469	1 061	1 311	944	111	86	-	12	84	46	23	9
SOCIAL SCIENTISTS, N.E.C. . . . .	8 177	5 300	7 660	4 685	214	252	36	30	179	112	66	51
URBAN PLANNERS . . . . .	10 128	3 209	9 019	2 654	654	455	92	16	277	58	66	26
SOCIAL, RECREATION, AND RELIGIOUS WORKERS . . . . .												
SOCIAL WORKERS . . . . .	461 205	366 967	398 670	286 630	46 669	67 267	2 678	3 099	6 853	4 725	7 135	7 226
RECREATION WORKERS . . . . .	161 258	298 726	129 964	224 312	26 963	61 597	1 727	2 692	2 714	3 682	4 688	6 293
CLERGY . . . . .	265 610	16 239	265 610	15 085	15 230	965	724	74	3 164	173	1 641	135
RELIGIOUS WORKERS, N.E.C. . . . .	21 215	26 529	19 504	26 369	1 010	1 339	77	104	403	827	221	290
LAWYERS AND JUDGES . . . . .												
LAWYERS . . . . .	455 642	74 037	439 366	67 312	10 684	4 793	899	280	2 911	970	1 982	682
JUDGES . . . . .	432 359	69 275	417 815	63 163	9 322	4 272	769	230	2 785	952	1 868	656
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES . . . . .	23 083	4 762	21 551	4 147	1 162	521	1130	50	126	18	114	26
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES . . . . .	600 768	562 113	731 612	541 323	40 047	23 355	3 459	2 337	15 692	9 737	10 338	5 361
AUTHORS . . . . .	25 409	20 339	28 217	19 316	69	635	92	69	294	166	194	133
TECHNICAL WRITERS . . . . .	30 984	18 612	29 184	17 099	1 106	1 172	168	81	475	160	151	100
DESIGNERS . . . . .	169 604	168 770	156 066	158 313	6 034	4 908	510	365	4 714	3 526	2 280	1 658
MUSICIANS AND COMPOSERS . . . . .	99 045	81 491	87 766	38 552	7 249	1 991	516	152	1 552	654	1 932	152
ACTORS AND DIRECTORS . . . . .	44 049	23 131	40 860	20 937	2 443	1 473	198	85	524	337	424	299
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS . . . . .	79 445	73 717	72 319	69 690	3 385	1 311	664	439	2 019	1 614	1 058	463
PHOTOGRAPHERS . . . . .	72 496	22 266	65 979	20 716	3 686	968	235	170	1 422	212	974	200
DANCERS . . . . .	3 350	9 844	2 777	8 219	323	832	19	91	140	492	91	210
ARTISTS, PERFORMERS, AND RELATED WORKERS, N.E.C. . . . .	29 356	20 297	26 255	18 788	1 727	820	231	134	340	313	623	240
EDITORS AND REPORTERS . . . . .	106 942	103 889	100 296	96 619	3 392	4 216	278	379	1 920	1 545	1 056	1 130
PUBLIC RELATIONS SPECIALISTS . . . . .	61 442	58 593	56 938	53 595	3 604	3 558	205	271	773	682	520	469
ANNOUNCERS . . . . .	30 392	6 594	34 375	7 478	3 079	795	208	63	228	128	502	130
ATHLETES . . . . .	40 234	12 368	33 218	11 621	3 757	476	195	38	511	98	533	137
TECH., SALES, & ADMIN. SUPPORT OCCUPATIONS . . . . .												
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS . . . . .	1 721 331	1 391 081	1 537 151	1 119 497	96 794	161 419	7 783	7 048	57 379	37 669	22 424	15 286
HEALTH TECHNOLOGISTS AND TECHNICIANS . . . . .	162 175	827 172	129 349	677 692	20 566	117 082	988	4 475	8 000	19 537	3 272	8 386
CLINICAL LAB. TECHNOLOGISTS & TECHNICIANS . . . . .	62 175	181 807	48 399	189 416	8 111	20 275	279	643	4 246	9 845	1 140	1 626
DENTAL HYGIENISTS . . . . .	708	45 484	592	44 099	46	667	-	37	68	314	167	157
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS . . . . .	1 314	13 833	995	11 796	196	1 295	8	189	73	396	42	167
RADIOLOGIC TECHNICIANS . . . . .	27 356	68 955	22 372	62 266	2 917	5 097	167	231	1 236	696	662	463
LICENSED PRACTICAL NURSES . . . . .	14 764	420 412	11 012	331 430	2 942	75 696	128	2 822	358	5 956	324	4 566
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C. . . . .	35 858	96 661	45 979	78 683	6 352	14 050	406	353	2 017	2 128	1 104	1 207
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH . . . . .	1 559 336	513 909	1 407 802	441 805	76 228	44 337	6 795	2 573	49 379	16 332	19 152	6 862
ENGR. AND RELATED TECHNOLOGISTS AND TECHNICIANS . . . . .	788 973	158 072	715 138	135 975	36 985	13 243	3 823	662	21 667	5 551	11 130	2 621
ELECTRICAL AND ELECTRONIC TECHNICIANS . . . . .	235 881	30 423	210 340	28 379	12 619	3 733	974	158	8 216	2 333	3 432	603
INDUSTRIAL ENGINEERING TECHNICIANS . . . . .	8 904	2 240	7 866	2 007	400	149	20	7	46	25	70	32
MECHANICAL ENGINEERING TECHNICIANS . . . . .	14 568	1 008	13 388	870	443	86	35	3	325	8	297	37
ENGINEERING TECHNICIANS, N.E.C. . . . .	207 139	44 895	190 844	55 480	9 214	6 107	739	193	4 114	2 392	2 208	923
DRAFTING TECHNICIANS . . . . .	274 459	54 408	247 210	49 180	12 490	2 686	1 405	261	8 739	1 904	4 615	777
SURVEYING AND MAPPING TECHNICIANS . . . . .	48 572	4 522	45 468	3 859	1 414	462	650	63	427	89	608	49
SCIENCE TECHNICIANS . . . . .	132 393	60 467	117 839	51 652	8 600	5 716	302	257	3 847	1 825	1 805	1 015
BIOLOGICAL TECHNICIANS . . . . .	26 901	29 503	23 660	17 062	1 728	2 544	149	87	739	574	423	338
CHEMICAL TECHNICIANS . . . . .	56 768	16 855	49 872	23 958	4 553	1 845	153	78	1 500	484	698	294
SCIENCE TECHNICIANS, N.E.C. . . . .	48 724	29 309	43 707	20 696	2 517	2 327	290	132	1 608	767	692	387
TECHNICIANS, EXC. HEALTH, ENGINEERING, & SCIENCE . . . . .												
ATRAPLANE PILOTS AND NAVIGATORS . . . . .	72 149	1 039	73 372	986	652	26	285	-	451	23	189	14
ATR TRAFFIC CONTROLLERS . . . . .	34 879	6 164	31 632	5 124	2 661	630	164	57	472	91	350	62
BROADCAST EQUIPMENT OPERATORS . . . . .	40 707	32 015	37 291	28 087	2 280	2 762	368	482	286	191	482	493
COMPUTER PROGRAMMERS . . . . .	216 716	98 937	197 252	84 406	10 053	7 974	633	277	9 623	5 373	1 752	767
MODEL PROGRAMMERS, NUMERICAL CONTROL . . . . .	6 313	2 262	5 841	1 833	190	254	-	6	185	129	97	28
LEGAL ASSISTANTS . . . . .	24 566	54 621	22 061	50 458	1 595	2 762	124	284	409	559	370	556
TECHNICIANS, N.E.C. . . . .	237 690	100 512	207 376	83 264	13 614	20 808	894	524	12 838	4 410	2 968	1 306





Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT 1

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE <sup>1</sup> N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON.												
SALES OCCUPATIONS,	5 261 974	4 995 335	4 015 345	4 495 264	202 466	331 009	14 310	20 055	70 031	76 969	59 814	72 038
SUPERVISORS & PROPR., SALES OCCUPATIONS, SALARIED, SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED,	812 207	318 974	760 619	295 781	27 705	14 613	2 551	1 158	11 842	4 090	9 490	3 332
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES,	324 838	126 518	302 505	117 447	9 701	3 704	989	549	8 068	3 740	3 575	1 056
INSURANCE SALES OCCUPATIONS	1 192 820	653 562	1 132 875	612 221	34 781	25 907	2 487	2 036	13 815	8 884	8 862	4 554
REAL ESTATE SALES OCCUPATIONS	423 736	144 236	397 433	128 760	18 080	11 599	764	417	4 907	2 174	2 552	1 178
SECURITIES AND FINANCIAL SERVICE SALES OCCUPATIONS	360 675	297 700	345 175	287 172	7 997	5 053	904	664	4 466	3 297	1 933	1 314
ADVERTISING AND RELATED SALES OCCUPATIONS	107 760	24 638	103 648	22 657	2 152	1 230	130	115	1 428	386	592	250
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	66 677	47 532	63 861	26 017	1 857	1 721	131	151	494	395	334	248
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL	233 982	139 544	222 758	128 615	6 695	6 304	558	489	2 328	2 592	1 651	1 564
SALES ENGINEERS	1 112 852	188 394	1 070 191	174 005	24 326	8 631	2 185	743	8 369	2 729	7 781	2 316
SALES REPS., MINING, MANUFACTURING, & WHOLESALE	42 644	1 423	41 812	1 347	3 335	52	23	47	465	11	71	6
SALES WORKERS <sup>2</sup> RETAIL AND PERSONAL SERVICES	1 070 204	186 471	1 028 379	172 658	23 991	8 579	2 162	706	7 964	2 718	7 710	2 310
SALES WORKERS, MOTOR VEHICLES AND BOATS	1 804 647	3 692 620	1 637 219	3 281 601	103 512	277 500	6 055	15 510	27 848	57 375	32 013	60 434
SALES WORKERS, APPAREL	260 889	22 219	246 369	20 966	8 802	803	799	100	1 604	175	3 315	175
SALES WORKERS, SHOES	80 796	361 976	70 531	328 889	4 811	21 728	222	1 036	1 579	5 061	1 653	5 262
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	50 331	65 611	42 579	59 753	5 365	3 976	159	195	703	661	1 525	1 026
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	84 818	63 224	82 108	60 490	2 821	1 529	168	168	454	479	1 200	558
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	82 233	33 093	78 606	30 555	3 586	1 629	205	87	823	304	1 031	518
SALES WORKERS, PARTS	145 769	48 495	138 609	46 450	3 884	384	359	172	1 120	465	1 762	524
SALES WORKERS, OTHER COMMODITIES	181 487	16 687	172 708	15 541	1 122	686	68	116	4 317	258	2 781	180
SALES COUNTER CLERKS	463 856	1 234 929	417 675	1 122 686	28 338	71 951	1 375	4 288	6 719	19 521	7 349	16 483
CASHIERS	25 398	76 507	22 821	61 649	1 434	6 385	84	271	444	1 130	415	1 052
STREET AND DOOR-TO-DOOR SALES WORKERS	310 338	1 565 802	258 050	1 338 830	31 552	158 338	1 373	8 119	9 875	27 579	9 508	32 634
NEWS VENDORS	47 848	174 861	43 746	162 785	2 716	7 869	232	785	524	1 510	630	1 912
SALES-RELATED OCCUPATIONS	71 284	36 516	65 837	32 987	4 037	1 782	262	173	684	266	844	308
DEMONSTRATORS, PROMOTERS AND MODELS, SALES	12 610	15 267	11 936	14 189	441	654	51	89	89	191	93	144
AUCTIONEERS	2 665	10 065	2 397	9 365	164	427	24	49	29	129	51	95
SALES SUPPORT OCCUPATIONS, N.E.C.	5 932	1 010	5 801	910	82	49	14	32	23	19	10	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 018 231	13 545 426	3 354 512	11 759 115	470 927	1 291 493	18 057	65 845	83 656	211 819	91 079	287 154
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	569 626	508 547	502 954	439 442	47 726	53 069	2 301	2 188	8 593	7 260	8 042	4 588
SUPERVISORS, GENERAL OFFICE	282 671	362 658	244 730	311 400	27 308	39 290	1 457	1 679	4 472	5 037	4 704	5 252
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	30 028	12 599	27 215	10 847	1 859	1 276	34	34	464	258	246	184
SUPERVISORS, FINANCIAL RECORDS PROCESSING	81 455	78 447	76 635	71 166	2 892	4 975	198	266	1 514	1 475	516	565
CHIEF COMMUNICATIONS OPERATORS	44 101	23 104	41 021	19 441	2 447	3 265	136	74	402	141	395	183
SUPERVISORS, DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	131 371	31 739	113 363	26 588	13 810	4 263	476	135	1 541	349	2 181	404
COMPUTER EQUIPMENT OPERATORS	171 529	249 052	141 671	208 381	20 609	29 933	798	1 193	5 882	5 380	3 469	4 165
COMPUTER OPERATORS	161 936	233 811	133 986	195 336	18 681	26 041	747	1 151	5 285	5 082	3 237	4 001
PERIPHERAL EQUIPMENT OPERATORS	9 593	15 441	7 685	13 045	1 328	1 892	51	42	297	298	164	164
SECRETARIES, STENOGRAPHERS AND TYPISTS	80 845	4 746 055	66 740	4 252 180	9 327	348 922	561	22 320	2 299	46 808	1 967	65 905
SECRETARIES	49 249	3 949 473	42 579	3 618 086	4 356	227 552	302	16 905	1 127	40 719	885	47 911
STENOGRAPHERS	7 996	79 633	7 395	68 950	379	7 687	6	300	95	1 655	121	1 041
TYPISTS	23 600	716 449	16 766	566 264	4 592	113 683	253	5 115	1 028	14 434	961	16 953
INFORMATION CLERKS	139 851	814 479	116 298	708 386	15 565	73 802	1 000	5 007	3 727	11 430	3 261	15 652
INTERVIEWERS	33 454	115 244	26 792	97 353	4 947	12 557	541	1 378	448	1 427	926	2 029
HOTEL CLERKS	21 113	45 269	18 521	40 614	1 394	2 723	107	321	652	438	438	488
TRANSPORTATION TICKET AND RESERVATION AGENTS	43 817	59 332	36 993	49 727	4 143	6 719	198	711	1 439	1 834	894	841
RECEPTIONISTS	22 870	525 290	18 136	462 655	3 239	42 328	111	2 780	720	6 219	664	26 348
INFORMATION CLERKS, N.E.C.	18 597	69 342	15 856	57 837	1 842	9 175	93	357	468	827	338	1 146
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL	231 056	786 589	188 313	645 693	29 543	108 984	1 012	3 698	5 650	14 057	4 498	16 157
CLASSIFIED-AD CLERKS	3 125	11 226	2 828	97 128	182	727	4	64	84	153	27	154
CORRESPONDENCE CLERKS	3 701	16 043	3 232	13 272	294	2 374	4	53	113	152	58	192
ORDER CLERKS	106 311	219 404	88 558	185 681	12 383	26 332	457	733	1 426	2 722	3 487	4 136
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	8 794	67 845	7 702	56 308	1 544	6 273	84	376	1 199	1 488	185	1 440
LIBRARY CLERKS	27 535	119 226	22 012	107 128	3 213	12 953	154	500	1 409	2 840	747	1 825
FILE CLERKS	60 379	290 903	47 245	184 427	9 704	43 896	233	1 427	1 664	4 644	1 533	4 509
RECORDS CLERKS	20 211	111 742	16 658	94 749	2 263	12 449	76	365	753	2 058	461	1 901

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Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

DATA BASED ON SAMPLE. SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT 1

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.												
TECH., SALES & ADMIN. SUPPORT OCCUPATIONS--CON.												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL--CON.												
FINANCIAL RECORDS PROCESSING OCCUPATIONS	272 307	2 067 091	236 977	1 901 261	19 709	102 247	1 220	7 726	9 744	33 960	4 657	21 095
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	194 630	1 700 843	169 795	1 580 754	13 231	70 187	814	6 247	7 652	27 296	3 138	16 359
PAYROLL AND TIMEKEEPING CLERKS	28 047	137 782	24 361	121 778	2 452	11 255	148	672	687	2 064	419	2 013
BILLING CLERKS	14 882	120 185	12 357	106 780	1 575	9 329	58	392	511	1 927	371	1 757
COST AND RATE CLERKS	27 125	61 273	25 284	53 073	1 364	5 704	153	211	428	1 376	496	909
BILLING, POSTING, & CALCULATING MACH. OPERATORS	7 003	47 008	5 180	38 876	1 007	5 772	37	206	466	1 297	233	857
DUPLICATING, MAIL & OTHER OFFICE MACHINE OPERATORS	21 424	40 790	16 062	32 034	3 004	6 862	73	260	747	766	138	868
DUPLICATING MACHINE OPERATORS	7 758	12 022	5 751	9 306	1 431	2 090	18	51	270	281	288	240
MAIL PREPARING & PAPER HANDLING MACH. OPERATORS	2 809	4 690	2 188	3 922	482	595	13	44	70	52	56	77
OFFICE MACHINE OPERATORS, N.E.C.	10 857	24 076	8 123	18 752	1 891	4 177	42	165	407	453	394	531
COMMUNICATIONS EQUIPMENT OPERATORS	54 115	264 600	27 418	236 937	4 880	41 594	198	1 880	541	2 675	1 078	4 914
TELEPHONE OPERATORS	27 553	276 807	21 815	229 221	4 119	40 402	172	1 830	471	2 568	976	4 786
TELEGRAPHERS	5 083	2 904	4 413	2 373	590	420	16	8	53	59	61	46
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.	1 479	8 087	1 190	7 343	221	372	10	42	17	48	41	82
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	562 281	240 061	442 728	176 533	94 425	54 523	1 897	1 268	10 502	3 761	12 729	3 976
POSTAL CLERKS, EXC. MAIL CARRIERS	175 047	98 105	130 634	61 789	35 756	32 773	557	555	4 272	1 749	3 825	1 241
MAIL CARRIERS, POSTAL SERVICE	226 463	34 111	192 858	29 366	26 393	3 923	726	179	2 876	268	3 610	3 373
MAIL CLERKS, EXC. POSTAL SERVICE	94 076	85 124	68 819	66 747	19 488	14 575	413	420	2 186	1 419	3 220	1 963
MESSENGERS	56 695	22 721	50 416	18 631	12 836	3 250	201	116	1 168	325	2 074	399
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	1 154 459	607 226	940 958	512 632	139 717	70 652	5 117	3 336	16 894	9 000	31 783	11 406
DISPATCHERS	67 779	31 213	62 312	27 003	3 915	3 186	225	272	606	359	721	393
PRODUCTION COORDINATORS	187 496	117 891	131 435	101 863	10 913	12 079	587	580	2 264	1 755	2 297	1 844
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	392 387	121 013	316 273	102 533	54 093	13 499	1 667	674	5 284	1 506	15 070	2 811
STOCK AND INVENTORY CLERKS	398 002	211 890	327 452	177 694	51 537	25 468	1 894	1 183	7 111	3 683	10 006	3 827
METER READERS	38 175	4 459	30 641	3 651	5 441	658	222	36	288	21	983	53
MEASURERS, MEASUREMENTS, AND CHECKERS	48 581	29 476	40 634	23 836	5 979	4 313	285	234	355	250	1 328	801
SAMPLERS	1 472	1 194	1 305	1 057	133	118	-	-	28	6	6	15
EXPEDITORS	50 597	59 744	44 490	50 972	4 142	6 783	155	254	687	818	1 123	917
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	9 970	30 404	8 214	24 323	1 164	4 538	80	5	261	602	249	845
ADJUSTERS AND INVESTIGATORS	199 792	331 705	179 346	273 982	14 065	44 147	745	1 566	3 003	6 453	2 639	5 557
INSURANCE ADJUSTERS, EXAMINERS, & INVESTIGATORS	66 505	100 553	61 611	82 917	3 287	13 745	169	304	920	2 337	518	1 250
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE	94 059	157 138	84 002	130 550	6 914	20 436	452	679	1 484	2 924	1 207	2 549
ELIGIBILITY CLERKS, SOCIAL WELFARE	4 511	20 207	3 400	14 849	567	4 010	29	231	249	548	266	569
BILL AND ACCOUNT COLLECTORS	34 717	55 807	30 327	45 666	3 297	5 956	95	352	350	644	648	1 189
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS	580 946	2 864 833	475 043	2 369 734	72 117	358 958	3 135	15 401	16 433	60 249	14 218	59 691
GENERAL OFFICE CLERKS	311 530	1 825 083	251 346	1 180 189	42 097	181 672	1 499	7 323	8 761	28 150	7 827	27 749
BANK TELLERS	45 310	464 139	36 690	411 368	5 474	34 247	102	1 383	1 431	8 785	1 605	8 316
PROOFREADERS	6 143	22 802	5 944	20 482	4 390	1 640	20	101	153	307	36	212
DATA-ENTRY KEYERS	29 973	364 842	22 573	280 237	4 826	60 477	169	1 714	1 459	13 608	946	6 394
STATISTICAL CLERKS	36 003	107 549	30 436	88 564	7 003	14 605	108	648	815	1 903	641	1 769
TEACHERS' AIDES	16 183	199 546	11 096	151 597	3 192	34 391	337	2 582	765	2 22	775	8 806
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.	138 824	280 072	117 350	237 277	12 135	31 406	900	1 648	3 499	5 276	2 340	4 385
SERVICE OCCUPATIONS												
PRIVATE HOUSEHOLD OCCUPATIONS	29 494	597 451	17 120	316 124	9 812	246 320	250	3 605	1 158	8 187	1 154	23 215
LAUNDERERS AND IRONERS	548	1 753	360	1 106	46	531	-	110	59	12	46	46
COOKS, PRIVATE HOUSEHOLD	1 590	10 231	6 743	4 615	537	5 150	6	71	260	150	94	245
HOUSEKEEPERS AND BUTLERS	2 489	66 531	1 346	34 278	881	25 236	26	414	117	1 613	119	4 991
CHILD CARE WORKERS, PRIVATE HOUSEHOLD	4 130	155 785	3 379	132 218	558	17 159	28	972	82	1 037	83	3 599
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS	20 737	363 151	11 272	143 910	7 790	198 242	190	2 133	589	4 532	896	14 334
PROTECTIVE SERVICE OCCUPATIONS												
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS	1 359 949	181 932	1 158 655	141 804	158 794	34 133	9 682	1 656	11 783	1 531	21 055	2 808
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	92 010	4 171	64 214	3 234	5 959	756	438	91	734	-	671	75
SUPERVISORS, POLICE AND DETECTIVES	20 750	109	19 849	93	514	10	133	-	173	-	81	6
SUPERVISORS, GUARDS	49 561	1 745	46 089	1 320	2 584	336	231	37	307	-	350	52
SUPERVISORS, GUARDS	21 899	2 317	18 276	1 821	2 655	410	74	54	254	15	240	17

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(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS; SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN/ ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
SERVICE OCCUPATIONS--CON.												
PROTECTIVE SERVICE OCCUPATIONS--CON.												
FIRE FIGHTING AND FIRE PREVENTION OCCUPATIONS.	211 403	9 293	192 974	3 747	12 983	333	1 573	114	1 458	11	2 495	38 6
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS.	20 499	2 145	18 917	1 995	12 979	113	297	26	70	5	2 226	76
FIRE FIGHTING OCCUPATIONS.	190 994	2 098	174 057	1 752	12 004	220	1 276	88	1 388	6	2 269	32
POLICE AND DETECTIVES.	522 165	45 314	457 502	34 194	50 312	9 792	3 859	538	3 229	274	7 263	716
POLICE AND DETECTIVES, PUBLIC SERVICE SHERIFFS, BAILIFFS, AND OTHER LAW ENFORCEMENT OFFICERS.	390 924	24 846	349 456	18 936	31 289	4 964	2 745	326	2 585	154	4 806	468
CORRECTIONAL INSTITUTION OFFICERS.	54 711	7 901	48 864	6 459	4 314	1 298	399	39	264	35	873	70
GUARDS.	76 530	12 765	59 182	8 799	18 709	3 530	675	173	380	85	1 584	178
CROSSING GUARDS.	534 311	126 004	423 905	100 629	89 546	23 252	3 812	913	6 362	1 231	10 626	1 979
GUARDS AND POLICE, ETC. PUBLIC SERVICE. PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	12 805	33 777	11 970	27 674	1 457	5 419	28	158	105	49	145	457
	499 152	77 882	353 596	57 580	85 988	17 115	3 586	687	5 950	1 097	10 032	1 359
	22 354	16 385	19 299	15 371	2 101	718	198	68	307	65	449	163
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD.	95 917	7 241 311	3 144 938	5 668 151	724 534	1 221 680	31 637	98 659	121 575	132 009	173 033	160 812
FOOD PREPARATION AND SERVICE OCCUPATIONS.	44 891	3 185 213	1 273 632	4 701 891	203 841	341 811	9 645	23 210	80 269	63 387	77 504	54 914
SUPERVISORS, FOOD PREP. & SERVICE OCCUPATIONS.	11	142 280	80 900	123 852	12 791	12 604	353	680	7 703	3 072	3 744	2 072
BARTENDERS.	177 283	191 142	140 774	133 272	8 434	3 375	845	1 471	3 753	1 807	3 477	1 217
WAITERS AND WAITRESSES.	160 165	1 325 926	138 913	1 212 870	17 909	61 058	666	7 749	13 971	26 852	8 706	17 399
COOKS, EXCEPT SHORT ORDER.	578 320	771 876	429 310	582 166	83 292	153 457	3 816	7 658	34 293	12 741	27 609	15 856
SHORT-ORDER COOKS.	49 916	30 826	41 049	24 409	6 582	5 370	266	214	850	385	1 169	448
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS.	40 098	171 867	32 945	149 159	4 426	14 280	212	951	1 143	3 831	1 372	3 686
KITCHEN WORKERS, FOOD PREPARATION.	23 215	83 394	17 541	63 426	3 468	16 250	78	489	739	1 561	1 349	1 660
WAITERS/WAITRESSES, ASSISTANTS.	71 262	121-927	134 539	98 946	18 401	17 533	864	506	6 362	2 632	11 116	3 216
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS.	319 111	398 971	237 661	314 697	48 518	57 876	2 535	3 492	11 435	10 506	18 962	9 400
HEALTH SERVICE OCCUPATIONS.	217 030	1 611 254	143 689	1 166 875	60 923	376 863	1 889	13 394	4 834	23 901	5 695	30 204
DENTAL ASSISTANTS.	44 891	154 823	2 578	142 404	2 294	6 337	14	891	208	234	65	2 857
HEALTH AIDES, EXCEPT NURSING.	45 375	246 674	31 820	193 392	10 161	42 988	435	1 541	1 487	3 713	1 472	5 040
NURSING AIDES, ORDERLIES, AND ATTENDANTS.	166 351	1 209 757	109 291	831 676	50 333	327 556	1 440	10 962	3 139	17 854	4 158	22 307
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD.	1 930 692	1 049 412	1 406 675	651 328	402 956	324 75	16 828	10 301	27 301	22 368	76 930	40 930
SUPERVISORS, CLEANING AND BLDG. SERVICE WORKERS.	85 593	33 226	65 826	21 790	14 047	9 411	540	220	856	780	2 324	1 075
MAIDS AND HOUSEMEN.	163 281	510 277	96 439	296 953	51 435	172 267	1 140	5 418	3 938	13 642	10 329	21 997
JANITORS AND CLEANERS.	1 631 534	498 623	1 202 548	328 189	330 116	140 154	18 881	4 687	21 758	7 852	62 231	17 741
ELEVATOR OPERATORS.	16 869	5 113	11 614	2 601	3 809	2 324	47	27	228	22	1 169	139
PEST CONTROL OCCUPATIONS.	35 415	2 173	30 244	1 795	3 551	249	220	29	521	72	877	28
PERSONAL SERVICE OCCUPATIONS.	403 304	1 395 432	320 982	1 148 040	56 812	178 581	3 475	11 674	9 171	22 353	12 904	38 764
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS.	16 293	12 797	14 303	11 353	1 277	951	86	47	347	195	280	161
BARBERS.	90 939	14 521	77 522	11 938	9 753	1 637	453	149	834	535	2 377	261
HAIRORESSERS AND COSMETOLOGISTS.	68 089	490 785	60 340	437 933	4 444	33 623	407	2 220	1 009	7 040	2 268	9 369
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES.	54 768	40 155	54 886	33 398	6 434	4 152	555	427	1 414	1 486	1 479	692
GUIDES.	11 998	15 013	9 093	13 046	1 387	1 741	125	79	1 127	975	366	177
USHERS.	16 318	7 716	14 149	6 437	1 455	930	42	49	332	180	340	120
PUBLIC TRANSPORTATION ATTENDANTS.	15 280	54 681	10 546	47 819	3 363	4 688	102	159	748	1 417	521	550
BAGGAGE PORTERS AND BELLMOPES.	19 980	1 510	11 486	979	6 748	396	84	17	659	61	763	57
WELFARE SERVICE AIDES.	7 075	53 730	0 233	31 303	1 794	18 525	314	697	224	687	510	2 518
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD.	41 872	570 794	28 130	452 893	9 839	67 291	904	6 869	903	6 400	2 096	17 341
PERSONAL SERVICE OCCUPATIONS, N.E.C.	50 317	132 860	36 254	100 961	10 317	24 647	403	961	1 374	2 776	1 964	3 515
FARMING, FORESTRY, AND FISHING OCCUPATIONS.	2 581 13	451 251	2 217 615	377 104	180 208	32 509	20 383	3 308	31 845	7 972	130 962	30 356
FARM OPERATORS AND MANAGERS.	1 184 637	130 136	1 184 098	124 007	24 007	3 499	3 257	585	6 728	1 354	6 547	691
FARMERS, EXCEPT HORTICULTURAL.	1 032 759	111 944	1 007 839	108 560	14 503	1 608	2 731	478	4 585	895	3 501	403
HORTICULTURAL SPECIALTY FARMERS.	11 589	2 256	19 451	2 982	644	46	42	7	261	102	191	19
MANAGERS, FARMS, EXCEPT HORTICULTURAL.	127 216	13 363	115 685	11 202	7 324	1 601	392	86	1 522	239	2 293	235
MANAGERS, HORTICULTURAL SPECIALTY FARMS.	13 073	2 573	10 523	2 163	1 536	244	92	14	360	118	562	34
FARM OCCUPATIONS, EXCEPT MANAGERIAL.	758 060	217 597	564 533	165 994	79 112	21 240	7 608	1 543	11 166	4 754	95 814	24 366
SUPERVISORS, FARM WORKERS.	44 769	9 021	35 688	6 973	2 112	1 319	450	78	1 229	221	4 737	430
FARM WORKERS.	694 666	192 432	514 797	145 400	75 506	18 911	7 077	1 347	9 380	3 783	87 906	22 991
MARINE LIFE CULTIVATION WORKERS.	613	720	515	363	32	122	24	12	33	194	9	29
NURSERY WORKERS.	16 012	15 724	13 523	13 258	919	880	57	106	524	550	2 989	916

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	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
FARMING, FORESTRY, AND FISHING OCCUPATIONS--CON.												
RELATED AGRICULTURAL OCCUPATIONS . . . . .	436 316	90 765	338 610	77 107	59 001	6 169	4 403	704	12 798	1 705	26 596	5 080
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS . . . . .	19 335	1 617	17 549	1 333	928	215	166	6	167	16	525	47
GROUNDKEEPERS AND GARDENERS, EXCEPT FARM . . . . .	382 250	30 357	292 867	24 010	40 153	3 870	3 973	401	12 112	851	24 153	1 205
ANIMAL CARETAKERS, EXCEPT FARM . . . . .	29 300	42 172	24 644	40 397	3 384	871	160	190	203	334	869	380
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS . . . . .	4 476	16 423	2 774	11 208	436	1 173	95	107	151	497	1 020	3 438
INSPECTORS, AGRICULTURAL PRODUCTS . . . . .	947	196	776	159	100	20	0	--	33	7	29	10
FORESTRY AND LOGGING OCCUPATIONS . . . . .	192 054	8 381	117 211	6 635	19 699	1 190	3 265	311	314	77	1 415	168
SUPERVISORS, FORESTRY AND LOGGING WORKERS . . . . .	8 385	272	7 622	265	676	6	181	4	22	--	54	--
FORESTRY WORKERS, EXCEPT LOGGING . . . . .	22 837	5 216	19 121	4 152	2 167	648	751	216	121	52	677	148
TIMBER CUTTING AND LOGGING OCCUPATIONS . . . . .	110 832	2 888	90 468	2 210	17 206	534	2 333	91	171	25	694	20
FISHERS, HUNTERS, AND TRAPPERS . . . . .	59 946	4 072	53 163	3 361	3 239	411	1 850	165	931	82	763	53
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS . . . . .	6 075	259	6 336	221	194	23	131	2	94	13	120	--
FISHERS . . . . .	51 137	3 563	45 017	1 937	3 005	366	1 651	151	837	69	627	40
HUNTERS AND TRAPPERS . . . . .	1 934	250	1 810	203	90	22	68	12	--	--	16	13
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS . . . . .	12 698 566	1 055 961	11 206 092	861 355	810 170	121 393	79 756	8 117	119 224	29 548	283 374	35 548
MECHANICS AND REPAIRERS . . . . .	3 847 955	134 560	3 462 223	110 794	243 168	17 849	21 083	930	41 892	2 008	79 589	2 979
SUPERVISORS, MECHANICS AND REPAIRERS . . . . .	157 181	4 749	148 457	9 155	5 129	384	667	40	1 257	101	1 651	69
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS . . . . .	3 690 774	129 811	3 213 766	106 639	238 039	17 465	20 396	890	40 635	1 907	77 938	2 910
VEHICLE AND MOBILE EQUIPMENT MECHS. & REPAIRERS . . . . .	1 658 236	21 793	1 478 370	17 790	108 596	3 037	10 178	177	19 969	342	41 183	439
AUTOMOBILE MECHANICS, EXC. APPRENTICES . . . . .	948 358	12 825	839 605	9 837	66 729	1 704	5 583	69	12 240	182	24 201	233
AUTOMOBILE MECHANIC APPRENTICES . . . . .	4 031	90	3 421	93	407	6	39	--	70	--	94	--
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS . . . . .	152 862	1 126	136 795	959	10 899	118	908	11	1 254	11	3 016	29
AIRCRAFT ENGINE MECHANICS . . . . .	94 915	2 407	84 203	1 811	5 820	452	712	27	2 202	38	1 978	69
SMALL ENGINE REPAIRERS . . . . .	35 713	631	33 649	572	1 142	41	211	--	910	5	301	13
AUTOMOBILE BODY AND RELATED REPAIRERS . . . . .	205 450	2 372	182 165	1 944	12 725	298	1 196	15	2 142	83	7 222	32
AIRCRAFT MECHANICS, EXC. ENGINE . . . . .	14 209	1 333	12 577	1 081	883	186	74	35	239	13	436	10
HEAVY EQUIPMENT MECHANICS . . . . .	157 266	1 322	143 430	1 088	8 719	204	1 132	5	1 135	6	2 850	19
FARM EQUIPMENT MECHANICS . . . . .	45 432	476	42 525	413	1 287	28	263	5	277	4	1 085	26
INDUSTRIAL MACHINERY REPAIRERS . . . . .	472 288	14 895	427 310	12 308	31 430	2 084	2 413	119	3 290	73	7 845	311
MACHINERY MAINTENANCE OCCUPATIONS . . . . .	45 307	1 805	38 796	1 519	4 805	707	413	17	355	18	938	44
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS . . . . .	506 461	50 669	542 620	41 623	33 495	6 680	2 537	299	8 031	905	9 770	1 162
ELECTRONIC REPAIRERS, COMMUNICATIONS, AND INDUSTRIAL EQUIPMENT . . . . .	156 944	8 377	142 028	6 992	8 519	987	825	47	2 933	106	2 439	165
DATA PROCESSING EQUIPMENT REPAIRERS . . . . .	43 329	3 932	39 388	3 367	2 424	399	158	5	790	97	579	64
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS . . . . .	80 291	2 483	74 315	2 130	3 425	234	279	10	968	33	1 304	74
TELEPHONE LINE INSTALLERS AND REPAIRERS . . . . .	59 363	3 243	54 106	2 781	3 493	351	313	22	411	31	1 040	58
TELEPHONE INSTALLERS AND REPAIRERS . . . . .	226 960	29 619	206 131	23 855	13 836	4 416	856	196	2 471	448	3 666	704
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS . . . . .	29 579	3 015	26 652	2 498	1 788	293	126	19	458	110	550	95
HEATING, AIR CONDITIONING, & REFRIG. MECHS. . . . .	150 170	1 525	137 931	1 195	7 271	262	672	26	1 390	5	2 906	37
MISCELLANEOUS MECHANICS AND REPAIRERS . . . . .	768 312	39 124	688 739	32 196	52 442	5 195	4 243	252	7 600	564	15 286	917
CAMERA, WATCH, & MUSICAL INSTR. REPAIRERS . . . . .	35 745	4 821	32 832	3 811	1 303	662	66	39	803	171	741	138
LOCKSMITHS AND SAFE REPAIRERS . . . . .	17 981	1 346	16 446	1 196	823	105	61	--	253	27	398	16
OFFICE MACHINE REPAIRERS . . . . .	36 950	2 046	33 104	1 742	2 194	191	239	21	669	41	744	51
MECHANICAL CONTROLS AND VALVE REPAIRERS . . . . .	27 290	1 082	23 584	884	2 549	149	212	3	142	7	753	39
ELEVATOR INSTALLERS AND REPAIRERS . . . . .	20 377	305	18 892	271	920	124	60	--	268	--	248	--
HILLWRIGHTS . . . . .	129 660	4 816	121 106	3 886	6 255	657	668	24	359	69	1 272	180
SPECIFIED MECHANICS AND REPAIRERS, N.E.C. . . . .	293 591	16 168	262 685	13 338	20 729	2 199	1 571	113	2 925	137	15 681	321
NOT SPECIFIED MECHANICS AND REPAIRERS . . . . .	206 768	8 910	180 090	7 468	17 660	1 108	1 366	52	2 281	112	5 451	170

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Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980--Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.												
CONSTRUCTION TRADES	4 712 023	102 094	4 220 780	84 733	311 983	12 546	38 070	1 392	33 214	1 198	108 976	2 228
SUPERVISORS, CONSTRUCTION OCCUPATIONS	777 628	13 204	726 801	11 570	30 710	1 187	4 303	118	4 708	147	11 106	162
SUPERVISORS, BRICKMASON, STONEMASON, AND TILE SETTERS	5 005	43	4 565	43	22	-	22	-	32	-	127	-
SUPERVISORS, CARPENTERS AND RELATED WORKERS	35 553	252	33 761	209	199	28	172	-	276	-	545	19
SUPERVISORS, ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	36 547	459	35 166	406	648	32	121	-	309	8	363	13
SUPERVISORS, PAINTERS, PAPERHANGERS, AND PLASTERERS	10 655	161	9 736	131	407	30	85	-	102	-	325	-
SUPERVISORS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	17 391	94	16 654	94	302	69	69	-	133	-	233	-
SUPERVISORS, N.E.C.	672 477	12 195	626 919	10 707	28 295	1 101	3 834	118	3 856	139	9 573	130
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	3 934 395	88 890	3 493 979	73 140	280 273	11 359	33 767	1 274	28 506	1 051	97 870	2 066
BRICKMASON & STONEMASON, EXCEPT APPRENTICES	202 971	2 274	168 995	1 688	30 063	492	1 523	29	1 421	10	4 959	55
BRICKMASON AND STONEMASON, APPRENTICES	3 135	142	2 401	111	457	16	18	-	20	-	39	8
TILE SETTERS, HARD AND SOFT	31 897	641	28 044	532	2 264	77	161	-	264	-	1 164	32
CARPET INSTALLERS	86 334	1 493	77 813	1 288	4 573	120	633	17	467	41	2 848	27
CARPENTERS, EXCEPT APPRENTICES	1 275 466	20 225	1 162 819	16 447	64 007	2 546	12 205	297	9 075	253	27 560	482
CARPENTER APPRENTICES	9 281	630	8 091	567	689	93	128	9	97	12	276	15
DRYWALL INSTALLERS	95 170	2 144	85 825	1 878	3 861	198	1 170	26	574	15	3 740	13
ELECTRICIANS, EXCEPT APPRENTICES	594 761	12 171	549 644	9 751	28 448	1 712	3 460	171	5 520	207	7 709	330
ELECTRICIAN APPRENTICES	17 833	1 028	16 091	877	1 012	110	182	-	97	21	451	20
ELECTRICAL POWER INSTALLERS AND REPAIRERS	103 062	1 801	94 134	1 424	6 536	279	665	26	373	14	1 354	58
PAINTERS, CONSTRUCTION AND MAINTENANCE	398 079	24 391	336 027	20 406	38 767	2 715	3 158	357	3 863	247	16 264	666
PAPERHANGERS	14 106	3 129	13 215	3 024	576	36	54	27	75	19	186	23
PLASTERERS	28 360	540	21 801	367	4 531	140	266	8	227	9	1 535	16
PLUMBERS, PIPEFITTERS, & STEAMFITTERS, EXCEPT APPRENTICES	483 423	6 221	435 207	4 983	32 175	966	3 303	81	2 875	65	9 773	126
PLUMBER, PIPEFITTER, & STEAMFITTER APPRENTICES	12 000	360	11 016	330	571	17	113	7	110	-	190	6
CONCRETE AND TERRAZZO FINISHERS	74 498	856	51 288	471	17 062	314	836	17	395	5	4 917	49
GLAZIERS	32 024	1 514	29 436	1 320	1 242	158	186	6	329	-	831	32
INSULATION WORKERS	59 678	2 386	48 361	1 919	3 930	375	425	30	330	18	1 612	44
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	7 325	235	5 492	210	1 251	19	78	6	20	-	284	27
ROOFERS	126 025	1 383	104 594	1 003	14 042	282	1 582	49	751	22	5 056	21
SHEETMETAL DUCT INSTALLERS	28 602	420	26 916	373	4 740	28	149	8	264	-	533	13
STRUCTURAL METAL WORKERS	88 164	1 067	80 230	834	4 498	171	1 313	21	520	37	1 605	-
DRILLERS, EARTH CONSTRUCTION TRADES, N.E.C.	23 503	507	21 639	453	1 216	54	202	-	65	-	381	-
CONSTRUCTION TRADES, N.E.C.	143 478	3 278	118 390	2 682	17 762	441	1 957	80	774	49	4 595	26
EXTRACTIVE OCCUPATIONS	306 405	7 182	283 800	6 040	11 829	834	3 440	171	506	23	6 821	114
SUPERVISORS, EXTRACTIVE OCCUPATIONS	80 870	1 755	77 917	1 616	1 544	84	556	11	119	14	916	28
DRILLERS, OIL WELLS	13 328	936	67 453	811	2 558	95	1 025	11	131	-	2 141	19
EXPLOSIVE WORKERS	10 661	341	9 147	270	975	55	129	16	43	-	387	-
MINE MACHINE OPERATORS	90 463	2 751	83 266	2 260	3 863	355	1 184	98	110	9	2 040	29
MINING OCCUPATIONS, N.E.C.	51 083	1 399	46 026	1 083	3 069	243	546	35	83	-	1 359	38
PRECISION PRODUCTION OCCUPATIONS	3 632 183	812 125	3 239 230	659 791	244 190	90 164	17 163	5 624	43 612	26 319	87 988	30 227
SUPERVISORS, PRODUCTION OCCUPATIONS	1 605 489	282 570	1 424 885	240 259	100 948	27 836	6 364	1 568	13 335	4 207	28 957	8 760
PRECISION METAL WORKING OCCUPATIONS	973 998	66 029	880 252	52 268	55 204	9 134	5 381	741	10 987	1 335	21 674	2 551
TOOL AND DIE MAKERS, EXCEPT APPRENTICES	182 823	3 187	173 900	2 651	5 661	379	391	36	917	48	1 065	73
TOOL AND DIE MAKER APPRENTICES	7 563	317	7 101	257	319	60	8	-	45	-	90	-
PRECISION ASSEMBLERS, METAL	17 724	5 937	14 784	4 458	1 783	684	148	56	254	89	755	356
MACHINISTS, EXCEPT APPRENTICES	500 294	25 860	448 837	19 275	33 388	6 032	2 516	108	6 778	439	12 775	1 028
MACHINIST APPRENTICES	7 775	444	7 072	405	448	39	46	-	70	-	139	-
BOILERMAKERS	36 622	587	33 777	402	2 184	158	397	-	264	-	500	27
PRECISION GRINDERS, FITTERS, & TOOL SHARPENERS	18 607	1 162	17 550	974	597	110	151	-	83	40	226	21
PATTERNMAKERS AND MODEL MAKER, METAL	18 409	2 010	17 479	1 675	612	99	86	-	89	133	143	98
LAY-OUT WORKERS	20 522	2 381	16 975	1 930	2 725	389	114	11	390	19	318	32
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	25 603	12 369	21 806	10 167	934	715	560	396	863	448	1 640	643
ENGRAVERS, METAL	9 503	5 844	8 721	5 233	376	403	8	-	207	37	176	183
SHEET METAL WORKERS, EXCEPT APPRENTICES	126 162	5 191	115 065	4 235	5 977	770	927	31	1 215	70	2 978	85
SHEET METAL WORKER APPRENTICES	604	133	549	95	36	32	4	-	5	-	8	5
MISCELLANEOUS PRECISION METAL WORKERS	1 787	607	1 552	511	168	64	4	-	7	12	461	20

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26 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT 1)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC-ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.												
PRECISION PRODUCTION OCCUPATIONS--CON.												
PRECISION WOODWORKING OCCUPATIONS	101 661	16 770	91 138	13 584	6 187	2 551	390	134	950	148	3 026	351
PATTERNMAKERS AND MODEL MAKERS, WOOD	4 462	128	4 324	119	57	3	8	—	36	—	37	6
CABINET MAKERS AND BENCH CARPENTERS	70 926	5 910	64 734	5 042	3 249	1 565	286	57	626	41	2 031	204
FURNITURE AND WOOD FINISHERS	22 423	9 535	18 627	7 397	2 595	1 889	77	—	265	54	859	116
MISCELLANEOUS PRECISION WOODWORKERS	3 850	1 197	3 453	1 028	256	93	19	—	23	53	99	23
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	125 971	153 695	101 913	121 992	12 290	16 266	662	1 007	2 495	8 225	6 501	6 115
DRESSMAKERS	6 805	97 154	4 854	75 392	1 093	10 585	55	705	241	6 310	542	4 072
TAILORS	37 547	24 458	29 217	19 165	4 158	2 766	119	115	1 84	1 304	2 929	1 168
UPHOLSTERS	54 435	14 460	45 300	12 765	4 488	1 256	363	78	547	168	3 752	223
SHOE REPAIRERS	21 903	9 691	17 923	8 494	2 260	1 645	99	52	465	110	1 156	388
APPAREL AND FABRIC PATTERNMAKERS	2 000	2 197	1 831	1 874	49	105	—	—	51	139	69	79
MISC. PRECISION APPAREL AND FABRIC WORKERS	3 241	5 755	2 786	4 300	242	899	43	57	47	254	123	245
PRECISION WORKERS, ASSORTED MATERIALS	174 411	152 731	146 981	120 363	14 595	14 204	836	1 251	5 634	9 239	4 565	7 474
HAND HOLDERS AND SHAPERS, EXCEPT JEWELERS	31 479	5 444	24 441	4 405	5 057	716	292	64	190	75	1 589	169
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	7 182	2 208	6 645	1 829	332	164	23	35	36	98	147	84
OPTICAL GOODS WORKERS	27 861	19 011	25 512	17 213	1 129	859	101	98	570	426	549	413
DENTAL LAB. & MEDICAL APPLIANCE TECHNICIANS	33 006	15 740	26 256	13 704	1 848	988	139	110	1 779	572	984	366
BOOKBINDERS	13 164	17 644	11 361	14 825	1 103	1 935	26	102	217	212	457	530
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	27 256	85 282	20 414	62 284	2 728	8 668	171	789	2 403	7 753	1 540	5 788
MISCELLANEOUS PRECISION WORKERS, N.E.C.	34 463	7 382	30 152	6 103	2 398	874	179	55	440	101	1 299	249
PRECISION FOOD PRODUCTION OCCUPATIONS	337 587	100 933	283 724	79 423	31 603	14 878	1 603	414	5 874	2 413	14 783	3 603
BUTCHERS AND MEAT CUTTERS	251 489	42 957	213 935	30 118	21 581	9 386	1 231	348	4 274	1 158	10 468	1 927
BAKERS	69 321	47 649	56 031	41 480	9 286	4 084	271	193	1 361	891	3 370	1 001
FOOD BATCHMAKERS	16 777	10 327	13 758	7 825	1 734	1 408	101	55	239	364	945	475
PRECISION INSPECTORS, TESTERS, & RELATED WORKERS	75 107	29 956	67 372	23 987	4 736	4 013	268	145	1 420	696	1 291	1 115
INSPECTORS, TESTERS, & GRADEURS	74 030	27 359	66 380	22 182	4 677	3 419	208	130	1 414	667	1 271	961
ADJUSTERS AND CALIBRATORS	1 077	2 597	992	1 805	50	594	—	—	15	4	29	154
PLANT AND SYSTEM OPERATORS	237 759	9 441	211 465	7 913	14 457	1 282	1 619	72	2 917	56	3 101	118
WATER AND SEWAGE TREATMENT PLANT OPERATORS	32 233	1 062	28 537	918	2 749	118	246	4	271	4	430	16
POWER PLANT OPERATORS	26 393	1 357	24 214	1 123	1 612	291	219	7	208	7	140	21
STATIONARY ENGINEERS	129 221	4 169	115 219	3 570	9 460	475	792	32	2 085	35	1 495	57
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	49 912	2 853	43 495	2 302	4 616	488	412	27	353	12	1 036	24
OPERATORS, FABRICATORS, AND LABORERS	14 501 489	5 486 496	11 739 963	4 221 793	2 008 338	880 767	103 205	34 946	138 184	120 840	511 799	224 140
MACHINE OPERATORS, ASSEMBLERS, & INSPECTORS	5 979 555	4 102 014	4 842 476	3 128 798	790 794	668 200	35 851	26 153	68 840	102 586	241 584	176 283
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 862 944	2 281 581	3 187 387	2 022 190	530 739	454 523	21 242	16 965	42 885	49 499	140 211	118 404
METALWORKING & PLASTIC WORKING MACH. OPERATORS	648 729	144 609	557 685	119 685	62 263	19 249	3 112	741	5 107	1 249	20 582	3 685
LATHE AND TURNING MACHINE SET-UP OPERATORS	52 354	3 578	47 139	3 056	3 506	387	210	14	298	21	1 201	160
LATHE AND TURNING MACHINE OPERATORS	109 024	10 574	100 953	9 202	4 581	1 050	382	50	939	101	2 159	171
MILLING AND PLANING MACHINE OPERATORS	19 743	1 956	18 001	1 727	981	157	82	35	280	23	399	16
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	120 535	56 791	100 586	47 485	14 125	7 334	706	206	839	299	4 276	1 457
ROLLING MACHINE OPERATORS	17 502	2 219	14 774	1 842	2 194	276	19	—	33	27	636	55
DRILLING AND BORING MACHINE OPERATORS	52 734	14 272	47 896	12 121	3 310	1 580	229	83	422	162	1 077	326
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	230 924	48 923	189 082	39 143	28 346	7 455	1 274	301	2 127	540	10 091	1 484
FORGING MACHINE OPERATORS	14 788	1 103	12 619	868	1 598	212	65	—	105	2	401	23
NUMERICAL CONTROL MACHINE OPERATORS	2 572	229	2 262	220	192	5	—	—	—	—	112	4
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	26 553	4 964	24 541	4 021	3 424	793	94	27	64	74	430	49
FABRICATING MACHINE OPERATORS, N.E.C.	22 895	12 337	19 298	10 523	2 283	1 393	121	42	186	80	1 007	259
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	178 174	64 504	144 362	53 033	23 449	9 146	970	377	1 531	537	7 842	1 411
MOLDING AND CASTING MACHINE OPERATORS	103 617	54 660	85 603	44 969	12 971	7 892	506	288	737	439	3 600	1 072
METAL PLATING MACHINE OPERATORS	37 159	6 709	29 427	5 660	4 403	684	235	60	479	54	2 614	251
HEAT TREATING EQUIPMENT OPERATORS	23 521	1 402	19 591	1 117	3 060	235	83	16	149	7	634	27
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	13 878	1 733	9 759	1 287	3 015	335	146	131	166	37	792	61

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Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
OPERATORS, FABRICATORS, AND LABORERS--CON.												
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS--CON.												
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION-- CON.												
WOODWORKING MACHINE OPERATORS	138 382	23 590	116 026	19 205	16 795	3 253	1 503	221	821	255	3 234	650
WOOD LATHE, ROUTING, & PLANING MACH. OPERATORS	7 337	841	6 487	700	585	112	61	-	36	4	168	16
SAWING MACHINE OPERATORS	95 014	12 453	79 929	10 223	12 269	1 630	1 190	153	509	168	2 067	279
SHAPING AND JOINING MACHINE OPERATORS	5 705	3 677	4 646	2 975	819	512	21	36	35	58	149	98
MAILING AND TACKING MACHINE OPERATORS	3 109	1 635	2 553	1 313	312	234	23	-	13	-	208	88
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	26 317	4 084	22 411	3 987	2 813	165	296	38	228	25	607	169
PRINTING MACHINE OPERATORS	323 023	119 376	286 387	105 985	23 334	9 325	1 339	511	2 939	1 481	8 024	2 074
PRINTING MACHINE OPERATORS	249 019	50 482	217 947	42 559	19 897	5 800	1 044	240	3 129	644	7 002	1 239
PHOTOENGRAVERS AND LITHOGRAPHERS	20 958	5 059	19 678	4 573	712	312	72	19	245	92	251	63
TYPESETTERS AND COMPOSITORS	31 205	39 310	29 214	37 133	1 182	1 319	116	132	377	370	316	356
MISCELLANEOUS PRINTING MACHINE OPERATORS	21 841	24 525	19 548	21 720	1 543	1 894	107	120	188	375	455	416
TEXTILE, APPAREL, & FURNISHING MACH. OPERATORS	303 462	1 326 580	216 391	962 823	61 217	242 103	1 676	8 938	6 515	50 698	17 661	64 018
WINDING AND TWISTING MACHINE OPERATORS	27 637	83 775	20 853	61 364	6 309	21 197	118	-	84	483	213	303
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	26 330	567	20 233	35 666	5 032	11 122	135	853	208	480	722	446
TEXTILE CUTTING MACHINE OPERATORS	4 864	-	3 535	3 243	840	834	42	39	51	99	346	211
TEXTILE SEWING MACHINE OPERATORS	63 624	860 448	35 237	634 965	8 932	125 922	304	5 316	2 032	44 535	7 119	50 110
SHOE MACHINE OPERATORS	19 915	56 530	17 593	50 830	1 208	3 978	89	278	54	405	978	1 041
PRESSING MACHINE OPERATORS	26 714	80 571	15 028	44 328	7 334	29 963	127	545	1 629	1 320	2 598	4 419
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	65 388	121 651	46 405	80 454	13 288	31 032	406	1 127	2 025	2 919	3 264	6 125
MISCELLANEOUS TEXTILE MACHINE OPERATORS	78 088	72 216	57 457	51 977	16 217	18 055	457	364	432	457	2 425	1 363
MACHINE OPERATORS, ASSORTED MATERIALS	2 247 799	986 585	1 767 238	750 936	341 395	170 054	12 519	6 089	29 785	15 199	101 861	46 307
CEMENTING AND GLUING MACHINE OPERATORS	19 158	17 378	14 900	13 962	3 100	2 522	172	166	130	177	856	551
PACKAGING AND FILLING MACHINE OPERATORS	56 114	65 029	42 924	48 461	6 755	10 134	307	580	902	1 685	3 225	3 769
EXTRUDING AND FORMING MACHINE OPERATORS	21 559	3 537	18 957	2 898	1 794	464	104	56	132	50	568	69
MIXING AND BLENDING MACHINE OPERATORS	99 328	12 268	78 810	9 501	17 687	2 096	485	105	967	254	3 179	312
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	66 374	6 180	56 337	4 493	4 045	1 308	392	56	453	65	1 197	260
COMPRESSING & COMPACTING MACHINE OPERATORS	15 857	6 761	12 195	5 277	2 977	1 134	94	33	141	69	452	248
PAINTING AND PAINT SPRAYING MACH. OPERATORS	143 719	27 419	116 807	22 123	16 310	3 754	872	165	1 384	313	7 946	1 064
ROASTING & BAKING MACH. OPERATORS, FOOD	6 178	1 044	4 965	809	1 013	193	22	14	34	22	144	6
WASHING, CLEANING, & PICKLING MACHINE OPERATORS	6 99	2 295	5 521	1 631	1 119	491	46	17	76	54	228	110
FOLDING MACHINE OPERATORS	15 292	20 853	10 132	15 516	2 307	3 901	36	133	259	684	668	668
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	146 322	7 473	110 766	5 907	6 038	1 295	718	61	769	84	3 431	126
CRUSHING AND GRINDING MACHINE OPERATORS	48 112	4 466	38 013	3 044	7 813	1 004	351	70	305	85	1 630	255
SLICING AND CUTTING MACHINE OPERATORS	149 231	61 462	119 942	47 549	10 625	9 323	962	478	1 322	938	7 380	3 174
MOTION PICTURE PROJECTIONISTS	13 119	1 326	12 010	1 190	713	71	66	4	177	28	153	53
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	42 149	48 894	35 798	42 462	3 613	4 220	200	326	1 446	814	1 092	1 072
MISC. AND NOT SPECIFIED MACHINE OPERATORS	1 400 296	102 602	1 082 163	525 673	224 282	179 154	7 740	3 891	16 415	10 304	69 696	34 580
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	467 095	231 591	375 379	179 101	64 302	38 394	2 626	1 579	5 065	3 706	19 723	9 016
MACHINE OPERATORS, NOT SPECIFIED	933 201	471 011	706 784	346 572	159 960	89 760	5 114	2 517	11 350	6 598	49 973	25 564
INDUSTRY:												
MANUFACTURING	1 194 211	622 810	924 902	467 055	189 306	112 015	6 060	3 304	13 477	8 947	60 466	31 489
NONDURABLE GOODS	450 403	276 725	344 244	205 538	77 054	51 222	2 451	1 454	4 627	3 979	22 027	14 532
DURABLE GOODS	743 808	346 085	580 658	261 517	112 252	60 793	3 609	1 850	8 850	4 968	38 439	16 957
NONMANUFACTURING INDUSTRIES	206 085	79 792	157 261	58 618	34 974	16 139	1 080	587	2 938	1 357	9 230	3 091
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 629 606	952 527	1 361 467	733 856	214 536	147 792	12 278	6 209	20 536	24 496	70 791	40 172
WELDERS AND CUTTERS	744 585	46 943	625 453	35 524	76 240	8 613	7 187	4 345	7 313	507	28 412	1 454
SOLDERERS AND BRAZERS	7 809	26 457	5 963	21 199	590	2 992	23	192	165	684	728	1 390
ASSEMBLERS	850 542	681 158	472 629	646 356	130 194	131 517	4 532	5 276	12 154	22 289	38 829	35 720
HAND CUTTING AND TRIMMING OCCUPATIONS	11 026	6 996	7 679	4 830	1 391	1 201	85	41	202	499	671	376
HAND HOLDING, CASTING, AND FORMING OCCUPATIONS	12 127	6 198	9 992	5 358	1 395	527	81	58	119	69	540	186
HAND PAINTING, COATING, & DECORATING OCCUPATIONS	29 670	11 285	25 039	9 306	2 970	1 298	256	106	460	137	945	300
HAND ENGRAVING AND PRINTING OCCUPATIONS	1 463	679	1 551	549	102	65	9	11	-	53	21	21
HAND GRINDING AND POLISHING OCCUPATIONS	2 027	831	1 596	598	252	109	14	14	35	44	126	66
MISCELLANEOUS HAND WORKING OCCUPATIONS	12 697	12 560	10 605	10 039	1 398	1 470	89	166	58	234	517	651
PRODUCTION INSPS., TESTERS, SAMPLERS, AND WEIGHERS	437 883	467 906	373 622	372 742	45 519	65 885	2 337	2 979	5 419	8 593	10 592	17 707
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	308 489	375 129	300 883	304 432	35 003	52 821	1 608	2 188	3 935	5 068	7 060	9 870
PRODUCTION TESTERS	39 631	19 361	34 365	19 714	3 387	2 481	164	81	664	486	851	597
PRODUCTION SAMPLERS AND WEIGHERS	5 548	4 015	4 619	3 104	653	556	34	23	44	188	193	197
GRADERS AND SORTERS, EXC. AGRICULTURAL	43 815	69 403	33 755	49 467	6 476	10 027	525	687	571	2 111	2 488	7 091

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BEST COPY AVAILABLE

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES

CIVILIAN LABOR FORCE, 16 YEARS AND OVER--  
CON.

OPERATORS, FABRICATORS, AND LABORERS...CON.

TRANS. AND MATERIAL MOVING OCCUPATIONS

NOISE VEHICLE OPERATORS  
SUPERVISORS, MOTOR VEHICLE OPERATORS  
TRUCK DRIVERS, HEAVY  
TRUCK DRIVERS, LIGHT  
DRIVER-SALES WORKERS  
BUS DRIVERS  
TAXICAB DRIVERS AND CHAUFFEURS  
PARKING LOT ATTENDANTS  
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.

TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLE

RAIL TRANSPORTATION OCCUPATIONS  
RAILROAD CONDUCTORS AND YARDMASTERS  
LOCOMOTIVE OPERATING OCCUPATIONS  
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS  
RAIL VEHICLE OPERATORS, N.E.C.  
WATER TRANSPORTATION OCCUPATIONS  
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS  
SAILORS AND DECKHANDS  
MARINE ENGINEERS  
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS

MATERIAL MOVING EQUIPMENT OPERATORS  
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS  
OPERATING ENGINEERS  
LONGSHORE EQUIPMENT OPERATORS  
CRANE AND WINCH OPERATORS  
CRANE AND TOWER OPERATORS  
EXCAVATING AND LOADING MACHINE OPERATORS  
GRADER, DOZER, AND SCRAPER OPERATORS  
INDUSTRIAL TRUCK & TRACTOR EQUIPMENT OPERATORS  
MISC. MATERIAL MOVING EQUIPMENT OPERATORS

HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS  
SUPERVISORS, HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.  
HELPERS, MECHANICS AND REPAIRERS  
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS  
HELPERS, CONSTRUCTION TRADES  
HELPERS, SURVEYOR  
HELPERS, EXTRACTIVE OCCUPATIONS  
CONSTRUCTION LABORERS  
PRODUCTION HELPERS

FREIGHT, STOCK, AND MATERIAL HANDLERS  
GARBAGE COLLECTORS  
STEVEDORES  
STOCK HANDLERS AND BAGGERS  
MACHINE FEEDERS AND OFFBEARERS  
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.  
GARAGE AND SERVICE STATION RELATED OCCUPATIONS  
VEHICLE WASHERS AND EQUIPMENT CLEANERS  
HAND PACKERS AND PACKAGERS

LABORERS, EXCEPT CONSTRUCTION  
MANUFACTURING  
NONDURABLE GOODS  
DURABLE GOODS  
TRANS., COMMUNICATIONS, & OTHER PUB. UTILITIES  
WHOLESALE AND RETAIL TRADE  
ALL OTHER INDUSTRIES

UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975.

	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	445 158	375 164	3 706 991	314 326	572 095	48 979	31 558	3 247	28 052	2 253	106 462	6 399
	2 980 161	299 369	2 468 007	254 017	404 106	37 629	19 079	2 660	20 145	1 522	68 824	3 536
	30 566	2 083	27 520	1 908	2 310	111	A 139	7	185	51	412	6
	1 852 443	44 082	1 556 128	36 407	236 985	6 235	12 860	598	7 492	192	38 978	650
	512 671	37 489	434 977	33 404	56 125	2 891	2 402	347	4 793	255	14 374	592
	170 934	13 874	157 639	12 359	9 375	1 185	511	407	689	92	2 420	131
	209 379	176 955	149 130	150 636	52 061	22 692	1 720	1 245	2 299	696	4 169	1 729
	166 990	21 603	16 801	21 214	38 601	3 974	1 219	3 327	3 401	163	6 555	338
	33 740	3 069	22 487	2 349	8 138	525	179	29	925	73	1 811	93
	4 438	209	2 712	153	511	56	49	-	61	-	105	-
	283 604	5 523	255 139	4 609	22 075	708	1 759	95	1 278	47	3 333	64
	209 072	3 668	187 996	2 907	17 483	475	893	31	338	24	2 362	31
	46 531	676	43 549	676	2 510	66	123	5	50	9	294	7
	71 865	1 232	64 279	988	6 439	216	307	16	149	5	692	7
	61 736	1 183	72 370	1 024	7 622	124	387	8	103	10	1 254	19
	8 939	290	7 798	219	912	69	76	2	36	-	117	-
	74 532	2 055	67 143	1 702	4 592	233	866	64	960	23	971	33
	32 759	652	31 084	536	821	59	445	15	208	19	201	23
	33 340	890	28 372	720	3 243	113	350	43	681	4	694	10
	3 681	78	3 336	59	204	19	32	-	64	-	45	-
	4 752	635	4 351	387	324	42	39	6	7	-	31	-
	1 181 393	70 277	983 845	55 700	145 914	10 442	10 720	492	6 609	684	34 305	2 259
	29 418	1 252	26 417	1 187	2 106	82	126	11	231	6	538	6
	235 587	3 239	211 761	2 519	14 702	479	3 290	94	1 269	56	4 565	91
	4 137	1 288	2 370	1 04	1 424	20	62	-	159	-	122	4
	31 166	723	27 780	643	1 676	46	493	13	104	15	1 113	4
	128 622	2 751	105 175	1 902	19 257	716	685	32	604	35	2 901	66
	61 413	1 508	74 511	1 305	4 383	115	634	6	224	-	1 481	79
	79 567	1 013	72 481	758	4 874	198	813	32	173	9	1 026	16
	415 004	20 408	318 321	16 382	73 733	3 144	3 312	150	2 664	165	16 974	567
	176 479	39 258	144 899	20 938	23 799	5 842	1 105	154	1 181	398	5 585	1 926
	4 076 776	1 009 308	3 190 496	778 677	645 449	163 588	35 796	7 546	41 292	15 999	163 743	43 498
	8 642	1 578	7 327	1 212	1 145	331	37	4	64	13	69	13
	26 578	1 499	20 938	1 158	3 716	258	265	22	381	18	1 278	43
	152 101	6 819	126 152	5 398	16 076	973	1 670	149	928	62	6 475	237
	121 487	4 665	98 797	3 591	15 129	781	1 204	88	767	41	5 590	164
	10 326	760	9 498	633	461	99	122	37	78	16	167	5
	20 288	1 394	17 857	1 174	1 286	123	344	24	88	5	718	68
	833 037	27 286	635 005	20 079	145 413	5 521	9 568	539	4 898	208	39 053	939
	90 971	22 012	77 310	16 432	14 629	4 114	731	120	1 384	552	4 877	794
	1 180 774	213 194	953 653	178 061	1 22 285	26 271	7 319	1 412	3 521	2 856	33 996	4 594
	74 302	2 275	44 718	1 210	25 719	964	622	28	402	27	2 841	46
	21 684	31	806	151	7 536	130	135	5	332	-	855	32
	560 360	144 98	7 830	130 624	46 199	12 284	2 549	884	9 100	2 239	14 683	2 957
	77 401	3 23	59 937	26 910	14 188	6 827	3 689	217	3 416	312	2 133	912
	447 025	26 375	348 362	19 168	78 624	6 066	3 344	279	3 211	278	13 486	647
	314 550	27 125	275 354	24 469	26 121	1 601	2 136	281	4 139	291	6 686	283
	125 609	22 301	92 697	16 275	25 313	4 768	1 013	144	1 302	320	5 970	759
	206 934	415 925	150 659	320 586	36 208	61 748	1 243	2 256	3 210	7 374	15 463	23 961
	1 128 789	271 569	851 801	195 007	203 793	57 811	11 823	2 567	11 440	4 305	49 942	11 879
	486 417	152 679	362 358	109 779	93 537	32 515	1 121	1 121	3 866	2 204	23 240	7 060
	184 042	60 983	132 308	57 426	16 966	17 773	1 451	651	2 009	1 382	9 308	3 711
	302 375	71 734	228 050	52 353	56 571	14 742	1 946	470	1 857	822	13 932	3 389
	155 560	12 013	111 897	8 287	33 456	3 027	2 239	107	1 122	155	6 866	427
	280 285	61 640	225 689	46 187	37 716	11 310	1 896	382	4 001	1 210	10 985	2 581
	206 507	45 237	151 857	30 744	39 056	10 959	4 272	957	2 471	736	8 871	1 841
	300 935	430 606	181 690	273 625	95 061	126 488	3 120	4 024	5 766	98 124	15 298	18 345



Table 3. Years of School Completed of the Civilian Labor Force by Age, Sex, Race, and Spanish Origin: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYM. S, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN <sup>1</sup>		NOT OF SPANISH ORIGIN									
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		"RACE, N.E.C."	
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL, 16 YEARS AND OVER.	59 926 408	44 523 329	3 593 058	2 399 665	49 8009 137	33 877 061	5 254 596	5 182 629	311 862	234 595	908 024	707 596	58 011	41 783
LESS THAN 12 YEARS OF SCHOOL.	16 222 652	10 159 951	1 859 659	1 048 310	11 916 566	7 193 448	2 153 332	1 868 899	117 563	75 040	159 594	162 242	15 938	12 012
12 YEARS OF SCHOOL.	21 060 014	18 731 360	928 994	792 799	18 037 370	15 459 023	1 763 713	1 959 513	109 984	93 279	204 498	223 936	12 505	13 848
13 TO 15 YEARS OF SCHOOL.	19 856 576	8 853 090	513 530	305 642	9 231 167	7 236 658	860 565	1 006 362	57 288	48 448	183 586	169 200	12 460	9 170
16 YEARS OF SCHOOL.	5 981 863	3 928 885	1 7 431	93 737	5 421 115	3 587 277	244 072	312 106	13 313	9 043	144 207	122 234	5 743	3 586
17 OR MORE YEARS OF SCHOOL.	5 803 363	2 848 077	15 442	81 177	5 193 949	2 810 245	212 914	235 547	13 714	7 937	216 959	109 964	8 365	3 207
TOTAL, 16 TO 19 YEARS LESS THAN 12 YEARS OF SCHOOL.	4 327 040	3 821 588	322 342	242 714	3 539 676	3 158 832	387 376	350 875	27 302	22 529	46 135	42 519	4 207	6 015
12 YEARS OF SCHOOL.	2 744 650	2 049 147	236 340	150 859	2 195 828	1 670 392	264 468	189 478	18 986	13 936	26 579	21 436	2 469	2 342
13 TO 15 YEARS OF SCHOOL.	1 358 987	1 456 739	73 604	73 085	1 452 681	1 226 417	106 607	139 883	7 536	7 495	14 216	14 343	1 363	1 014
16 YEARS OF SCHOOL.	225 867	315 190	12 358	15 835	190 768	261 211	16 257	30 469	811	1 100	5 322	6 316	351	259
17 OR MORE YEARS OF SCHOOL.	409	466	-	39	321	366	46	37	6	-	18	24	-	-
TOTAL, 20 TO 24 YEARS LESS THAN 12 YEARS OF SCHOOL.	6 263 921	7 159 960	638 991	449 916	6 637 539	5 709 709	823 439	849 409	52 818	41 412	101 583	101 317	9 551	8 195
12 YEARS OF SCHOOL.	1 592 999	802 539	278 488	130 170	1 049 035	507 112	233 367	144 144	27 183	8 984	12 887	10 677	2 079	1 452
13 TO 15 YEARS OF SCHOOL.	3 792 265	3 219 990	273 181	181 352	3 137 364	2 606 559	372 417	379 334	24 389	19 980	31 531	29 725	3 383	3 040
16 YEARS OF SCHOOL.	2 142 726	2 392 112	116 543	115 799	1 788 734	1 857 477	183 097	263 087	9 799	10 863	41 626	42 177	2 932	2 709
17 OR MORE YEARS OF SCHOOL.	584 405	712 315	14 579	17 483	529 337	626 106	26 188	53 132	1 017	1 279	10 510	13 548	774	765
TOTAL, 25 TO 29 YEARS LESS THAN 12 YEARS OF SCHOOL.	6 819 669	6 464 535	611 017	394 581	6 970 523	5 037 372	836 045	853 663	50 754	38 550	139 532	132 301	11 796	8 108
12 YEARS OF SCHOOL.	1 250 521	698 572	234 250	124 870	772 033	404 609	195 077	144 496	12 799	7 280	14 324	15 887	2 016	1 430
13 TO 15 YEARS OF SCHOOL.	3 193 756	2 531 940	181 183	141 559	2 614 839	1 976 187	346 874	365 841	20 930	16 712	28 872	29 254	3 058	2 387
16 YEARS OF SCHOOL.	2 094 612	1 591 880	117 453	82 732	1 728 612	1 250 395	195 791	212 610	12 226	10 431	36 891	33 431	3 439	2 281
17 OR MORE YEARS OF SCHOOL.	1 224 144	1 033 079	30 611	26 296	1 098 325	886 647	64 851	87 662	2 670	2 577	26 190	28 739	1 495	1 158
TOTAL, 30 TO 34 YEARS LESS THAN 12 YEARS OF SCHOOL.	6 035 553	5 649 299	513 625	330 945	6 592 183	4 397 180	717 892	741 476	46 089	34 788	155 870	136 815	9 894	6 735
12 YEARS OF SCHOOL.	1 160 683	736 784	221 332	123 670	732 251	452 157	180 288	152 335	10 995	7 840	13 756	19 472	1 851	1 290
13 TO 15 YEARS OF SCHOOL.	2 579 525	2 331 754	131 799	117 383	2 130 124	1 853 925	272 792	313 465	16 875	14 478	25 727	30 394	2 206	1 089
16 YEARS OF SCHOOL.	1 870 915	1 252 612	96 427	57 458	1 561 927	986 370	165 825	170 394	12 282	8 536	31 955	28 504	2 304	1 347
17 OR MORE YEARS OF SCHOOL.	1 189 947	676 855	79 749	15 869	1 070 011	573 029	53 614	36 136	2 962	2 182	32 197	29 266	1 414	671
TOTAL, 35 TO 39 YEARS LESS THAN 12 YEARS OF SCHOOL.	1 234 483	629 894	33 918	16 865	1 097 873	531 659	45 363	49 104	2 975	1 752	52 235	29 176	2 119	738
12 YEARS OF SCHOOL.	6 334 497	4 574 280	374 791	254 097	5 243 085	3 624 406	548 371	563 356	35 997	27 422	124 073	100 608	6 180	4 189
13 TO 15 YEARS OF SCHOOL.	1 220 949	813 962	184 941	112 998	833 337	518 863	184 333	156 399	11 521	7 999	12 063	16 617	1 434	1 041
16 YEARS OF SCHOOL.	2 237 439	2 038 954	91 343	83 800	1 907 230	1 687 215	209 670	230 497	12 776	11 281	20 086	24 860	1 434	1 301
17 OR MORE YEARS OF SCHOOL.	1 159 738	874 367	53 682	36 405	982 462	706 834	93 326	107 061	7 349	5 780	19 795	17 381	1 124	906
TOTAL, 40 TO 69 YEARS LESS THAN 12 YEARS OF SCHOOL.	7 795 680	4 776 175	664 035	396 390	5 959 854	3 430 207	1 047 515	841 994	44 489	28 134	73 903	75 190	5 884	4 254
12 YEARS OF SCHOOL.	7 758 238	7 023 508	224 593	190 711	6 945 643	6 179 270	474 425	532 733	27 100	23 038	82 522	94 203	3 955	3 533
13 TO 15 YEARS OF SCHOOL.	3 271 231	2 461 227	113 617	74 711	2 890 334	2 112 547	203 053	219 808	18 687	11 566	47 244	40 946	2 296	1 649
16 YEARS OF SCHOOL.	2 173 016	1 092 391	40 320	24 571	2 011 787	914 853	64 832	79 837	4 577	2 463	30 145	29 943	1 355	584
17 OR MORE YEARS OF SCHOOL.	2 503 304	1 030 747	62 939	28 467	2 263 501	872 326	99 778	96 948	5 720	2 948	77 846	29 164	2 520	894
TOTAL, 70 YEARS AND OVER. LESS THAN 12 YEARS OF SCHOOL.	844 339	511 619	24 788	12 596	746 010	489 299	60 868	52 506	2 329	1 343	9 971	4 590	373	263
12 YEARS OF SCHOOL.	446 470	256 772	18 063	9 353	374 206	209 608	48 254	40 027	1 630	872	6 122	2 763	205	149
13 TO 15 YEARS OF SCHOOL.	160 704	130 481	3 291	2 004	149 477	120 450	5 926	6 736	378	223	1 544	977	81	64
16 YEARS OF SCHOOL.	93 687	65 702	1 260	702	88 333	81 234	3 221	3 133	134	172	733	442	1	19
17 OR MORE YEARS OF SCHOOL.	63 312	23 711	791	187	60 114	26 779	1 513	1 481	7	8	766	241	42	15
TOTAL, 70 YEARS AND OVER.	78 166	23 953	1 463	345	73 878	22 228	1 952	1 129	101	48	806	167	26	16

<sup>1</sup>PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

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8 Table 4. Years of School Completed of the Civilian Labor Force by Age, Sex, and Total Race: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT 1)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL, 16 YEARS AND OVER	59 926 488	46 525 329	51 884 626	37 507 269	5 550 792	5 251 648	333 571	250 908	947 280	825 596	1 430 219	887 912
LESS THAN 12 YEARS OF SCHOOL	16 222 852	10 159 951	12 911 874	7 771 259	2 190 803	1 696 293	127 689	81 415	166 450	170 231	823 856	438 755
12 YEARS OF SCHOOL	21 080 618	18 733 366	18 596 166	16 183 387	1 805 810	1 981 651	116 474	99 176	218 261	235 556	346 701	278 656
13 TO 15 YEARS OF SCHOOL	10 858 576	8 853 090	9 553 401	7 876 901	871 704	1 018 719	61 129	51 557	93 337	178 275	179 005	127 638
16 YEARS OF SCHOOL	5 961 383	3 928 845	5 514 835	3 450 474	246 877	315 042	13 865	10 549	148 185	127 914	58 165	25 066
17 OR MORE YEARS OF SCHOOL	5 803 363	2 680 077	5 306 350	2 465 288	215 998	237 939	14 416	5 913	222 107	114 640	42 492	21 797
TOTAL, 16 TO 19 YEARS	4 327 040	3 821 588	3 723 280	3 299 319	393 790	396 351	29 623	24 531	49 033	45 693	131 314	95 694
LESS THAN 12 YEARS OF SCHOOL	2 744 650	2 049 147	2 326 551	1 755 939	269 180	192 809	20 725	15 077	28 259	23 190	99 835	62 132
12 YEARS OF SCHOOL	1 355 987	1 456 739	1 197 645	1 271 856	106 070	132 581	6 034	8 294	15 202	15 736	27 036	26 292
13 TO 15 YEARS OF SCHOOL	225 867	315 190	198 645	271 073	16 494	30 924	655	1 180	5 554	6 743	4 319	5 270
16 YEARS OF SCHOOL	400	465	321	405	46	37	3	-	16	24	20	-
17 OR MORE YEARS OF SCHOOL	128	46	118	46	-	-	-	-	-	-	4	-
TOTAL, 20 TO 24 YEARS	6 263 921	7 159 960	6 972 907	5 957 291	635 619	640 510	57 692	44 761	107 197	107 088	290 506	190 310
LESS THAN 12 YEARS OF SCHOOL	1 592 999	802 539	1 180 568	570 260	237 959	147 281	19 134	9 868	13 879	11 883	141 459	65 697
12 YEARS OF SCHOOL	3 792 265	3 219 992	3 259 965	2 708 832	377 632	383 484	26 276	21 905	33 692	31 747	95 104	74 424
13 TO 15 YEARS OF SCHOOL	2 142 726	2 292 112	1 856 557	1 925 094	165 569	266 266	10 742	11 685	43 892	44 856	46 346	44 613
16 YEARS OF SCHOOL	584 405	712 515	530 851	637 534	26 506	53 654	1 059	1 358	10 743	14 047	5 286	8 938
17 OR MORE YEARS OF SCHOOL	151 526	133 004	136 986	115 571	6 535	9 823	481	347	5 191	5 357	2 535	1 906
TOTAL, 25 TO 29 YEARS	8 619 669	6 464 535	7 291 610	5 256 841	847 620	864 187	54 739	41 656	145 761	139 224	279 959	162 627
LESS THAN 12 YEARS OF SCHOOL	1 250 521	698 572	893 364	467 608	199 207	147 419	14 892	8 167	15 273	16 889	126 585	58 489
12 YEARS OF SCHOOL	3 195 756	2 531 940	2 711 880	2 056 606	350 632	369 717	22 355	17 858	50 769	31 170	80 120	56 589
13 TO 15 YEARS OF SCHOOL	2 094 412	1 591 880	1 296 401	1 296 401	198 268	215 174	13 231	11 242	39 053	35 217	49 951	31 886
16 YEARS OF SCHOOL	1 224 142	1 033 079	1 118 074	903 150	65 500	88 389	2 811	2 734	26 893	29 868	10 864	8 938
17 OR MORE YEARS OF SCHOOL	854 838	609 064	774 383	531 076	34 013	43 486	2 250	1 655	33 773	26 060	10 419	6 785
TOTAL, 30 TO 34 YEARS	8 035 553	5 647 299	6 680 969	4 589 364	728 309	751 094	49 304	37 410	162 205	143 625	219 775	125 806
LESS THAN 12 YEARS OF SCHOOL	1 160 883	756 784	843 409	516 412	184 184	155 476	12 053	8 691	14 731	20 557	106 326	55 698
12 YEARS OF SCHOOL	2 579 525	2 331 758	2 206 051	1 925 320	276 010	317 065	17 969	15 387	27 214	32 065	52 281	41 937
13 TO 15 YEARS OF SCHOOL	1 870 915	1 252 612	1 620 551	1 021 973	167 960	172 246	13 020	9 207	33 782	30 189	35 602	19 017
16 YEARS OF SCHOOL	1 189 941	676 855	1 090 094	583 029	54 151	56 713	3 116	2 256	33 083	30 647	9 505	4 210
17 OR MORE YEARS OF SCHOOL	1 234 483	629 294	1 120 855	542 630	46 024	49 594	3 146	1 889	53 395	30 187	11 063	4 994
TOTAL, 35 TO 39 YEARS	6 334 497	4 574 280	5 466 520	3 778 481	554 194	570 898	36 114	29 153	126 939	105 897	144 780	89 695
LESS THAN 12 YEARS OF SCHOOL	1 229 449	813 962	932 100	579 001	181 021	159 530	12 458	4 590	12 798	17 404	86 274	48 488
12 YEARS OF SCHOOL	2 237 539	2 036 954	1 964 043	1 741 774	204 858	232 939	13 320	11 838	21 503	26 091	32 015	26 312
13 TO 15 YEARS OF SCHOOL	1 159 736	874 367	1 019 616	731 276	94 509	108 282	7 808	6 073	26 985	18 511	16 820	10 225
16 YEARS OF SCHOOL	724 653	425 028	665 482	365 752	31 579	34 142	2 036	1 276	25 107	21 624	4 649	2 234
17 OR MORE YEARS OF SCHOOL	980 918	421 969	887 279	359 698	35 577	35 992	2 494	1 376	48 746	22 267	7 022	2 636
TOTAL, 40 TO 69 YEARS	23 501 469	16 544 048	20 785 959	13 977 101	1 907 687	1 795 394	101 671	71 493	343 572	279 329	362 600	220 279
LESS THAN 12 YEARS OF SCHOOL	7 795 680	4 776 175	6 549 701	3 665 359	1 063 416	855 221	97 536	30 103	76 996	77 862	258 031	147 630
12 YEARS OF SCHOOL	7 758 238	7 025 508	7 104 507	6 317 026	400 865	539 023	28 134	24 102	85 239	96 703	59 553	46 694
13 TO 15 YEARS OF SCHOOL	3 271 231	2 481 227	2 974 826	2 167 274	205 631	222 661	15 329	11 993	49 646	42 728	25 799	16 571
16 YEARS OF SCHOOL	2 173 016	1 052 391	2 043 131	933 699	65 767	80 598	4 752	2 717	51 523	31 456	7 743	3 921
17 OR MORE YEARS OF SCHOOL	2 503 304	1 030 747	2 313 674	803 743	92 066	97 893	5 920	3 078	80 164	37 580	11 474	5 453
TOTAL, 70 YEARS AND OVER	844 339	511 619	763 410	448 912	61 623	55 212	2 426	1 404	10 573	4 740	6 305	5 351
LESS THAN 12 YEARS OF SCHOOL	448 870	262 772	386 181	215 740	88 858	40 548	1 693	917	6 494	2 846	5 246	2 721
12 YEARS OF SCHOOL	160 704	130 481	152 077	121 933	6 003	6 842	366	234	1 642	1 024	596	488
13 TO 15 YEARS OF SCHOOL	93 687	65 702	89 297	61 810	3 253	3 166	144	177	825	453	168	96
16 YEARS OF SCHOOL	63 312	28 711	60 800	26 905	1 524	1 507	86	8	778	248	120	43
17 OR MORE YEARS OF SCHOOL	78 166	23 953	75 055	22 524	1 983	1 149	119	66	834	169	175	43

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