



Monday
July 7, 1997

Part II

**Office of
Management and
Budget**

1997 Standard Occupational Classification
Revision; Notice

OFFICE OF MANAGEMENT AND BUDGET

1997 Standard Occupational Classification Revision

AGENCY: Office of Management and Budget, Executive Office of the President.

ACTION: Notice of solicitation of comments.

SUMMARY: Under title 44 U.S.C. 3504, the Office of Management and Budget (OMB) is seeking public comment on the Standard Occupational Classification Revision Policy Committee's (SOCRPC) proposals for revising the 1980 Standard Occupational Classification (SOC) Manual's occupational units and aggregate groups. The SOCRPC is developing a new occupational classification system that will include all jobs in the national economy, including occupations in the public, private, and military sectors.

All Federal agencies that collect occupational data will use the new system; similarly, all State and local government agencies are strongly encouraged to use this national system to promote a common language for categorizing occupations in the world of work. The new SOC system will replace the Occupational Employment Statistics (OES) occupational classification system currently used by the Bureau of Labor Statistics (BLS) for gathering occupational information. It will also replace the Bureau of the Census' 1990 occupational classification system and will be used for the 2000 Census. In addition, the new SOC will serve as the framework for information being gathered through the Department of Labor's Occupational Information Network (O*NET), which is in the process of replacing the Dictionary of Occupational Titles (DOT).

In two prior **Federal Register** notices (February 28, 1995, 60 FR 10998-11002; October 5, 1995, 60 FR 52284-52286), the OMB and the SOCRPC requested comment on the uses of occupational data; on the existing 1980 SOC classification principles, purpose and scope, and conceptual options; on the SOCRPC's proposed revision process; and on the composition of detailed occupations. The categories proposed in this notice reflect the comments received from the two 1995 notices. After reviewing the comments on this notice, the SOCRPC will make its final recommendations to OMB. OMB will publish the SOCRPC recommendations in the **Federal Register** for public review and comment prior to taking

final action on the 1997 SOC. The SOCRPC also will begin preparing the 1997 Standard Occupational Classification Manual for publication. Committee members will be completing definitions, assigning associated titles, and developing cross lists to existing systems.

Request for Comments: The OMB and the SOCRPC welcome comments with respect to any topic related to occupational classification, but are specifically interested in comments concerning the following:

(1) The hierarchical structure of the new SOC as reflected in Part IV of this notice in the **SUPPLEMENTARY INFORMATION** section below, especially the minor group, broad occupation, and detailed occupation organization within the structure, and the numbering system used; and

(2) The establishment of ongoing review and update procedures and a time frame for future revision as outlined in Part V below. It is anticipated that the next major review and revision of the SOC will begin in 2005 in preparation for use in the 2010 Decennial Census.

DATES: To ensure consideration in the further development of the SOC, all comments must be in writing and received on or before September 5, 1997.

ADDRESSES: Please send comments to Paul Hadlock, Standard Occupational Classification Revision Policy Committee, U.S. Bureau of Labor Statistics, Suite 4840, 2 Massachusetts Avenue, N.E., Washington, DC 20212. In addition, copies of draft occupational definitions may be obtained by writing to this address. All comments received in response to this notice will be available for public inspection at the Bureau of Labor Statistics during normal business hours, 8:15 a.m. to 4:45 p.m., in Suite 4840, 2 Massachusetts Avenue, N.E., Washington, DC 20212. Please call BLS on (202) 606-6502 to obtain an appointment to enter the suite.

Electronic Availability and Comment: This document is available on the Internet from the BLS via World Wide Web (WWW) browser and E-mail. The SOCRPC also will place draft occupational definitions and crosslists to other occupational classification systems on the Internet as soon as possible. To obtain SOCRPC documents via WWW browser, connect to "http://stats.bls.gov/oes_soc.htm". To obtain this document via E-mail or to submit comments, send a message to socrevision@bls.gov (use only lower case letters). Comments received at this

address by the date specified above will be included as part of the official record.

FOR FURTHER INFORMATION CONTACT: Paul Hadlock, U.S. Bureau of Labor Statistics, Suite 4840, 2 Massachusetts Avenue, N.E., Washington, DC 20212; e-mail hadlock_p@bls.gov; telephone (202) 606-6502; FAX (202) 606-6645.

SUPPLEMENTARY INFORMATION:

I. Revision Process

The Standard Occupational Classification Revision Policy Committee (SOCRPC) used the Occupational Employment Statistics (OES) occupational classification system currently used by the Bureau of Labor Statistics (BLS) to gather occupational information as the starting point for the new Standard Occupational Classification (SOC) framework. The Committee also relied heavily on the Department of Labor's Occupational Information Network (O*NET), which is in the process of replacing the Dictionary of Occupational Titles (DOT). To carry out the bulk of the revision effort, the Committee created six work groups to examine occupations in the following areas:

1. Administrative and Clerical occupations;
2. Natural Science, Law, Health, Education, and Arts occupations;
3. Services and Sales occupations;
4. Construction, Extractive, and Transportation occupations;
5. Mechanical and Production occupations; and
6. Military occupations.

The Committee charged the work groups with ensuring that the occupations under their consideration conformed to the criteria laid out in the October 5, 1995, **Federal Register** notice. In carrying out their reviews, the work groups carefully considered all proposals received in response to **Federal Register** notices issued by the OMB and the Committee.

II. General Characteristics of the Revised SOC

In the proposed revision of the SOC, there are four levels of aggregation: (1) major group; (2) minor group; (3) broad occupation; and (4) detailed occupation. All occupations are clustered into 22 major groups (listed below), such as Management or Health occupations. These major groups are broken down into occupationally-specific minor groups, such as Operations Specialties Managers in the Management Occupations major group or Health Diagnosing and Treating Practitioners in the Health Occupations major group. Minor groups, in turn, are divided into

detailed occupations, such as Compensation and Benefits Managers, or Physical Therapists. Detailed occupations are occasionally aggregated into broad occupations, such as Human Resources Managers or Therapists, for special purposes, such as data collection or reporting, or to provide logical aggregates for detailed occupations.

Each item in the hierarchy is designated by a six-digit code. The first two digits indicate major group, the third digit indicates minor group, and the last three digits indicate occupation. Major group codes end with 0000 (e.g., 21-0000, Health Occupations), minor groups end with 000 (e.g., 21-1000, Health Diagnosing and Treating Practitioners), and broad occupations end with 0 (e.g., 21-1050, Therapists). All residual ("All Other") occupations end with 9 (e.g., 21-1059, Therapists, All Other). Minor group residuals end with 99 (e.g., 21-1099, Health Diagnosing and Treating Practitioners, All Other), and major group residuals end with 999 (e.g., 21-4999, Health-Related Workers, All Other).

The proposed 1997 SOC occupational groups and detailed occupations presented in Table 1 in Part IV below are not always consecutively numbered because of these coding conventions as well as to allow for the insertion of additional occupational groups in future revisions of the SOC. In addition, the coding system is designed to allow those desiring a delineation of occupations below the detailed occupation level to use a decimal point and additional digit(s) after the sixth digit. It is recommended that users needing extra detail use the structure currently being developed for O*NET.

Each occupation in the revised SOC will be placed within one of these major groups:

- 11 Management Occupations
- 13 Business and Financial Operations Occupations
- 15 Computer and Mathematical Occupations
- 17 Architecture and Engineering Occupations
- 19 Life, Physical, and Social Science Occupations
- 21 Health Occupations
- 23 Community and Social Services Occupations
- 25 Legal Occupations
- 27 Education, Training, and Library Occupations
- 29 Arts, Design, Entertainment, Media, and Sports Occupations
- 31 Sales Occupations
- 33 Office and Administration Occupations
- 35 Protective Occupations

- 37 Food Preparation and Serving Occupations
- 39 Buildings and Grounds Maintenance Occupations
- 41 Personal Care and Service Occupations
- 43 Farming, Fishing, and Forestry Occupations
- 45 Construction and Extractive Occupations
- 47 Installation, Maintenance, and Repair Occupations
- 49 Production Occupations
- 51 Transportation and Material Moving Occupations
- 53 Military Occupations

III. Significant Changes and Responses to Comments

The chart below indicates that the total number of occupational classifications in the proposed 1997 SOC increased only slightly from those in the 1997 OES (which is much more current than the 1980 SOC).

	1980 SOC	1997 OES	1997 SOC
Total Occupations	665	778	795

However, significant changes are proposed in certain areas. For example, the number of occupations in the areas of computers, design, science, health, law, education, and arts increased by 50% (from 192 OES occupations to 286 SOC occupations), while the number of occupations in the areas of mechanical and production occupations decreased by 35% (from 246 OES occupations to 157 SOC occupations).

To provide more comprehensive coverage for the new SOC, the SOCRPC worked closely with representatives of the Defense Manpower Data Center to include military occupations in a new Military Occupations major group. As a general principle in the proposed SOC, military occupations are listed with civilian occupations having similar duties. For instance, "Airline Pilots, Copilots, and Flight Engineers" (51-2011) includes both military and civilian workers. However, there are 20 military occupations for which no close civilian counterpart could be identified; these military-unique occupations are listed in the Military Occupations major group. In addition, the work group on military occupations modified titles and definitions of many occupations covered by other work groups to ensure proper coverage of military occupations within the civilian counterpart classifications.

In developing the detailed occupations and the hierarchical coding

structure, the SOCRPC drew on the 53 comments received in response to the October 5, 1995, SOC Revision **Federal Register** notice as well as the recommendations of the SOCRPC work groups. The comments came from a variety of public and private organizations. Seventeen responses came from State Employment Security Agencies or State Occupational Information Coordinating Committees. Sixteen responses came from associations representing a particular occupational interest (such as Athletic Trainers, Audiologists, Boilermakers, School Psychologists, and Social Workers), and two responses came from private sector companies. The remaining responses came from Federal entities, including the Congress, the Office of Personnel Management, and the Social Security Administration. For a complete list of respondents, please see Part VI of this notice.

All together, 215 separate issues were identified in the commentors' correspondence. Generally, the issues fell into four broad categories: 1) new occupations not currently listed in the SOC; 2) various hierarchy issues (e.g., should Boilermakers be classified as production workers or construction workers?); 3) occupation or job title modifications to reflect more precisely the work performed; and 4) general comments on the revision process. The SOCRPC considered all issues in the public comments. Most recommended changes were implemented by the various work groups. Specific issues (e.g., additions, modifications) addressed by the work groups are listed below.

In the Management Occupations major group, the OES title "General Managers and Top Executives" was divided into "Chief Executives" (11-1001) and "General and Operations Managers" (11-1002). "Quality Control Managers" was added as an associated title for "Industrial Production Managers" (11-2031). The definition of "Transportation, Storage, and Distribution Managers" (11-2053) was modified to include "Logistics Managers." "Farm, Ranch, and Other Agricultural Managers" (11-3011) and "Farmers and Ranchers" (11-3012) were added to the revised SOC. The definition of "Construction Managers" (11-3021) was revised to include "Constructors." "Education Administrators, Preschool and Child-Care Center/Program" (11-3031) was added to the revised SOC. Finally, the definition of "Medical and Health Services Managers" (11-3044) was revised to include "Long-Term Care

Administrators" and "Managed Care Specialists."

In the Business and Financial Operations Occupations major group, "Logisticians" (13-1021) and "Meeting and Convention Planners" (13-1023) were added to the revised SOC.

A Computer and Mathematical Occupations major group was created in the new hierarchy, with the following new or revised occupations: "Computer and Information Scientists, Research" (15-1001), "Computer Programmers" (15-1002), "Computer Software Applications Engineers" (15-1011), "Computer Software Engineers, Operating Systems" (15-1012), "Computer Support Specialists" (15-1021), "Database Administrators" (15-1022), "Network and Computer Systems Administrators" (15-1023), "Network Systems and Data Communications Analysts" (15-1031), "Systems Analysts, Science and Engineering" (15-1032), "Systems Analysts, All Other" (15-1039), and "Computer Specialists, All Other" (15-1099).

In the Architecture and Engineering Occupations major group, associated titles were added to "Aerospace Engineers" (17-2001), "Environmental Engineers" (17-2021) was added to the revised SOC. "Logistical Engineers" was added as an associated title for "Industrial Engineers" (17-2032). Associated titles were added to "Mechanical Engineers" (17-2043). The recommended title "Research Support Specialists" was not added to the revised SOC, as research support duties are performed by workers in the minor groups "Architectural, Engineering, and Mapping Technicians" (17-3000) and "Life, Physical, and Social Science Technicians" (19-4000). Associated titles were added to "Architectural Technicians, Except Drafters" (17-3021) and "Electrical and Electronic Engineering Technicians" (17-3033), "Electro-Mechanical Technicians" (17-3034) and "Environmental Engineering Technicians" (17-3035) were added to the revised SOC. The recommendation that "Industrial Technologists" be added to the revised SOC was considered but not adopted, as these workers can be classified under "Industrial Engineering Technicians" (17-3036).

In the Life, Physical, and Social Science Occupations major group, "Arborist" was added as an associated title under the new occupation "Soil and Plant Scientists" (19-1013), "Environmental Scientists" (19-2004) and "Environmental Science Technicians" (19-4004) were added to the revised SOC. All "Psychologists" occupations were placed into this major

group, and the occupation "Clinical, Counseling, and School Psychologists" (19-3031) was added to the SOC. "Food Testers" was added as an associated title for "Agricultural and Food Science Technicians" (19-4001).

In the Health Occupations major group, the definition of "Registered Nurses" (21-1043) was revised to include "Registered Nurses," "Nurse Practitioners," "Clinical Nurse Specialists," "Nurse Anesthetists," and "Nurse Midwives." "Audiologists" and "Speech-Language Pathologists" were found to be sufficiently distinct occupations to justify separate classifications: "Audiologists" (21-1051) and "Speech-Language Pathologists" (21-1057). The definitions of "Medical and Clinical Laboratory Technicians" (21-2011) and "Medical and Clinical Laboratory Technologists" (21-2012) were revised, and the occupations "Cytotechnologists," "Blood Bank Technologists," and "Histotechnologists" were added as associated titles for "Medical and Clinical Laboratory Technologists." "Dental Hygienists" (21-2021) was placed in this major group. The OES title "Radiologic Technologists" was divided into "Diagnostic Medical Sonographers" (21-2031) and "Radiologic Technologists and Technicians" (21-2033), and language was added to the definition of "Radiologic Technologists and Technicians" to include technologists who specialize in other modalities such as computerized axial tomography and magnetic resonance imaging. "Respiratory Therapy Technicians" (21-2048) was added to the revised SOC. Finally, "Athletic Trainers" (21-4001) was added to the SOC and listed in this major group.

In the Community and Social Service Occupations major group, "Alcohol and Substance Abuse Counselors" (23-1011) and "Marriage and Family Counselors and Therapists" (23-1012) were added to the SOC. The following occupations were added under the broad occupation "Social Workers" (23-1020): "Child, Family, and School Social Workers" (23-1021), "Medical and Public Health Social Workers" (23-1022), "Mental Health and Substance Abuse Social Workers" (23-1023), and "Social Workers, All Other" (23-1029). All definitions and associated titles were updated to conform to current usage of these job titles.

In the Legal Occupations major group, the title and definition of "Paralegals and Legal Assistants" (25-1024) were modified.

In the Education, Training, and Library Occupations major group,

"Teachers, Middle School" (27-1004) was added to the revised SOC. A new broad occupation titled "Librarians, Curators, and Archivists" (27-4000) was created in the proposed hierarchy, and the definition of "Librarians" (27-4021) was revised, but the proposal that "Librarians" be divided into "Librarians" and "Information Professionals" was considered but not adopted. Similarly, the recommendation that "Health Educators" be added to the revised SOC was considered but not adopted, as the current definition of "Instructional Coordinators" (27-5002), with a specific statement including "Public Health Educators," was judged to be sufficient.

In the Arts, Design, Entertainment, Media, and Sports Occupations major group, "Interpreters and Translators" (29-2007), "Floral Designers" (29-3003), and "Graphic Designers" (29-3004) were added to the revised SOC.

In the Sales Occupations major group, "Telemarketers" (31-2051) was added to the revised SOC.

In the Office and Administration Occupations major group, "Customer Service Representatives, Except Sales and Financial" (33-5005) was added to the revised SOC. The OES title "Stenographers and/or Court Reporters" was revised to "Court Reporters, Medical Transcriptionists, and Stenographers" (33-6001). The definition of "Production, Planning, and Expediting Clerks" (33-7008) was revised to include "Production Schedulers," and "Inventory Control Managers" was added as an associated title for this occupation. "Central Supply Technicians" was added as an associated title for "Stock Clerks and Order Fillers" (33-7012).

In the Protective Occupations major group, the definition of "Fire Fighters" (35-2001) was updated to reflect these workers' range of responsibilities.

In the Food Preparation and Serving Occupations major group, "Caterers" was added as an associated title under the new occupation "First-Line Supervisors/Managers of Food Preparation and Serving Workers" (37-1001).

In the Buildings and Grounds Maintenance Occupations major group, "First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers" (39-1002) was added to the revised SOC. The title and definition of "Landscaping and Groundskeeping Laborers" (39-3001) were modified. The title and definition of "Pesticide Handlers, Sprayers, and Applicators, Vegetation" (39-3002) were modified to include all custom applicators.

In the Personal Care and Service Occupations major group, several new casino occupations were added: "First-Line Supervisors/Managers of Gaming Workers" (41-1001), "Amusement and Recreation Attendants" (41-2001), "Games of Chance Attendants" (41-2011), "Gaming Dealers" (41-2012), "Mutuel Cashiers and Games of Chance Writers" (41-2013), and multiple associated titles. Also in this major group, "Concierges" (41-4002) and "Masseuses/Masseurs" (41-5004) were added to the revised SOC.

In the Construction and Extractive Occupations major group, "Security and Fire Alarm Systems Installers" (45-2062) was added to the revised SOC, and "Boilermakers" (45-2001) was moved into this major group.

In the Installation, Maintenance, and Repair Occupations major group, five OES telecommunications equipment-related occupations were condensed to "Telecommunications Equipment Installers and Repairers" (47-2003). "Avionics Technicians" (47-2011) was added to the revised SOC. The title and definition of "Electrical and Electronics Installers and Repairers, Transportation Equipment" (47-2013) were clarified to exclude aircraft and specify communications equipment, thus providing a place for workers who install, adjust, or maintain mobile electronics. The recommendation that "Industrial Electronics Technicians" be

added to the revised SOC was considered but not adopted. These workers can be adequately classified as "Electrical and Electronics Repairers, Commercial and Industrial Equipment" (47-2014). "Recreational Vehicle Service Technicians" (47-3013) and "Manufactured Building and Mobile Home Installers" (47-4014) were added to the revised SOC, and the definition of "Recreational Vehicle Service Technicians" was adjusted to emphasize recreational vehicles and van conversions. Finally, all detailed machinery maintenance mechanics occupations from the OES were combined into one SOC occupation: "Industrial Machinery Mechanics" (47-4008).

In the Production Occupations major group, "Fiberglass Laminators and Fabricators" (49-2022) was added to the revised SOC. Printing occupations were condensed from nineteen OES occupations to two revised SOC occupations: "Prepress Technicians and Workers" (49-5005) and "Printing Machine Operators" (49-5006).

In the Transportation and Material Moving Occupations major group, the definition of "Bus Drivers, Transit and Intercity" (51-3011) was modified to include motor coach drivers, and "Motor Coach Drivers" was added as an associated title.

The following issues affected several major groups. The recommended title "Early Childhood/Child Development

Professionals" was found to be too vague. Child development professionals can be classified under one of the following titles: "Education Administrators, Preschool and Child-Care Center/Program" (11-3031), "Teachers, Preschool" (27-1001), "Teachers, Kindergarten" (27-1002), or "Child Care Workers" (41-5001). Similarly, the recommended title "Medical Coders" was not added to the SOC, as medical coding is done as part of the work performed by individuals in a number of occupations, including "Medical Records and Health Information Technicians" (21-2044), "File Clerks" (33-5007), and "Court Reporters, Medical Transcriptionists, and Stenographers" (33-6001).

IV. Proposed 1997 SOC Detailed Occupations, Including Relationship To 1980 SOC

The proposed 1997 SOC structure, occupations, and coding system are presented below in two symmetrical tables. Table 1 is in the 1997 SOC order and maps the proposed detailed 1997 SOC occupations to the 1980 SOC occupations. This table is organized by the 22 major groups proposed by the Committee. Table 2 is in 1980 SOC order and maps the 1980 SOC occupations to the 1997 detailed SOC occupations. This table is organized according to the structure of the 1980 SOC.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC
TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
11-0000 MANAGEMENT OCCUPATIONS			
11-1000 TOP EXECUTIVES:			
11-1001	CHIEF EXECUTIVES	112	CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS.
11-1002	GENERAL AND OPERATIONS MANAGERS.	1131	Judicial, Public Safety and Corrections Administrators.
		1133	Natural Resources Program Administrators.
		1134	Rural, Urban, and Community Development Program Administrators.
		121	GENERAL MANAGERS AND OTHER TOP EXECUTIVES.
		1352	Managers; Entertainment and Recreation Facilities.
		1354	Managers; Membership Organizations.
11-1003	LEGISLATORS	111	LEGISLATORS.
11-2000 OPERATIONS SPECIALTIES MANAGERS:			
11-2001	ADMINISTRATIVE SERVICES MANAGERS.	137	MANAGERS; ADMINISTRATIVE SERVICES.
11-2002	ADVERTISING AND PROMOTIONS MANAGERS.	* 125	MANAGERS; MARKETING, ADVERTISING, AND PUBLIC RELATIONS.
11-2003	COMPUTER AND INFORMATION SYSTEMS MANAGERS.	* 126	MANAGERS; ENGINEERING, MATHEMATICS, AND NATURAL SCIENCES.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
11-2010 FINANCIAL MANAGERS:			
11-2011	FINANCIAL MANAGERS, BRANCH, OFFICE, AND DEPARTMENT.	* 122	FINANCIAL MANAGERS.
11-2012	TREASURERS, CONTROLLERS, AND CHIEF FINANCIAL OFFICERS.	1135	Public Finance, Taxation, and Other Monetary Program Administrators.
		* 122	FINANCIAL MANAGERS.
11-2020 HUMAN RESOURCES MANAGERS:			
11-2021	COMPENSATION AND BENEFITS MANAGERS.	* 123	PERSONNEL AND LABOR RELATIONS MANAGERS.
11-2022	TRAINING AND DEVELOPMENT MANAGERS.	* 123	PERSONNEL AND LABOR RELATIONS MANAGERS.
11-2029	HUMAN RESOURCES MANAGERS, ALL OTHER.		
11-2031	INDUSTRIAL PRODUCTION MANAGERS.	132	PRODUCTION MANAGERS, INDUSTRIAL.
11-2040 MARKETING AND SALES MANAGERS:			
11-2041	MARKETING MANAGERS	* 125	MANAGERS; MARKETING, ADVERTISING, AND PUBLIC RELATIONS.
11-2042	SALES MANAGERS	* 125	MANAGERS; MARKETING, ADVERTISING, AND PUBLIC RELATIONS.
11-2051	PUBLIC RELATIONS MANAGERS ..	* 125	MANAGERS; MARKETING, ADVERTISING, AND PUBLIC RELATIONS.
11-2052	PURCHASING MANAGERS	124	PURCHASING MANAGERS.
11-2053	TRANSPORTATION, STORAGE, AND DISTRIBUTION MANAGERS.	1342	Transportation Facilities and Operations Managers.
11-3000 OTHER MANAGERS:			
11-3010 AGRICULTURAL MANAGERS:			
11-3011	FARM, RANCH, AND OTHER AGRICULTURAL MANAGERS.	5522	Managers; General Farm.
		5523	Managers; Crop, Vegetable, Fruit and Tree Nut Farm.
		5524	Managers; Livestock, Dairy, Poultry and Fish Farm.
		5525	Managers; Horticultural Specialty Farm.
11-3012	FARMERS AND RANCHERS	5512	General Farmers.
		5513	Crop, Vegetable, Fruit and Tree Nut Farmers.
		5514	Livestock, Dairy, Poultry and Fish Farmers.
		5515	Horticultural Specialty Farmers.
11-3021	CONSTRUCTION MANAGERS	133	CONSTRUCTION MANAGERS.
11-3030 EDUCATION ADMINISTRATORS:			
11-3031	EDUCATION ADMINISTRATORS, PRESCHOOL AND CHILD CARE CENTER/PROGRAM.	* 1283	Administrators; Education and Related Fields, Not Elsewhere Classified.
11-3032	EDUCATION ADMINISTRATORS, ELEMENTARY AND SECONDARY SCHOOL.	1282	Administrators; Elementary and Secondary Education.
11-3033	EDUCATION ADMINISTRATORS, POSTSECONDARY.	1281	Administrators; Colleges and Universities.
11-3039	EDUCATION ADMINISTRATORS, ALL OTHER.	* 1283	Administrators; Education and Related Fields, Not Elsewhere Classified.
11-3041	ENGINEERING MANAGERS	* 126	MANAGERS; ENGINEERING, MATHEMATICS, AND NATURAL SCIENCES.
11-3042	FOOD SERVICE MANAGERS	* 1351	Managers; Food Serving and Lodging Establishments.
11-3043	LODGING MANAGERS	* 1351	Managers; Food Serving and Lodging Establishments.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
11-3044	MEDICAL AND HEALTH SERVICES MANAGERS.	131	MANAGERS; MEDICINE AND HEALTH.
11-3045	NATURAL SCIENCES MANAGERS	* 126	MANAGERS; ENGINEERING, MATHEMATICS, AND NATURAL SCIENCES.
		127	MANAGERS; SOCIAL SCIENCES AND RELATED FIELDS.
		128	ADMINISTRATORS; EDUCATION AND RELATED FIELDS.
11-3046	POSTMASTERS AND MAIL SUPERINTENDENTS.	1344	Postmasters and Mail Superintendents.
11-3047	PROPERTY, REAL ESTATE, AND COMMUNITY ASSOCIATION MANAGERS.	1353	Managers; Property and Leasing.
11-3048	SOCIAL AND COMMUNITY SERVICE MANAGERS.	1132	Human Resources Program Administrators.
11-3999	MANAGERS AND ADMINISTRATORS, ALL OTHER.	* 139	OFFICIALS AND ADMINISTRATORS; OTHER, NOT ELSEWHERE CLASSIFIED.
		1139	Officials and Administrators, Public Administration, Not Elsewhere Classified.
		1359	Managers; Service Organizations, Not Elsewhere Classified.

13-0000 BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS

13-1000 BUSINESS OPERATIONS SPECIALISTS:			
13-1001	AGENTS AND BUSINESS MANAGERS OF ARTISTS, PERFORMERS, AND ATHLETES.	145	BUSINESS AND PROMOTION AGENTS.
13-1002	BUYERS AND PURCHASING AGENTS.	1442	Buyers, Wholesale and Retail Trade, except Farm Products.
		1443	Purchasing Agents and Buyers, Farm Products.
		1449	Purchasing Agents and Buyers, Not Elsewhere Classified.
13-1003	COST ESTIMATORS	* 149	MANAGEMENT RELATED OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
13-1004	EMERGENCY MANAGEMENT SPECIALISTS.	* 5149	Protective Service Occupations, Not Elsewhere Classified.
13-1005	FUNERAL DIRECTORS	* 139	OFFICIALS AND ADMINISTRATORS; OTHER, NOT ELSEWHERE CLASSIFIED.
13-1010 HUMAN RESOURCES, TRAINING, AND LABOR RELATIONS SPECIALISTS:			
13-1011	EMPLOYMENT, RECRUITMENT, AND PLACEMENT SPECIALISTS.	* 143	PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS.
13-1012	COMPENSATION, BENEFITS, AND JOB ANALYSIS SPECIALISTS.	* 143	PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS.
13-1013	TRAINING AND DEVELOPMENT SPECIALISTS.	* 143	PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS.
13-1019	HUMAN RESOURCES AND LABOR RELATIONS SPECIALISTS, ALL OTHER.	* 143	PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS.
13-1021	LOGISTICIANS	1721	Operations Researchers and Analysts.
13-1022	MANAGEMENT ANALYSTS	142	MANAGEMENT ANALYSTS.
13-1023	MEETING AND CONVENTION PLANNERS.	* 149	MANAGEMENT RELATED OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
13-1099	BUSINESS OPERATIONS SPECIALISTS, ALL OTHER.	*149	MANAGEMENT RELATED OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
13-2000 FINANCIAL SPECIALISTS:			
13-2001	ACCOUNTANTS AND AUDITORS ...	1412	Accountants and Auditors.
13-2002	ASSESSORS AND REAL ESTATE APPRAISERS.	444	APPRAISERS AND RELATED OCCUPATIONS.
13-2003	BUDGET ANALYSTS	*149	MANAGEMENT RELATED OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
13-2004	CREDIT ANALYSTS	*149	MANAGEMENT RELATED OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
13-2010 FINANCIAL ANALYSTS AND ADVISORS:			
13-2011	FINANCIAL ANALYSTS	*1419	Other Financial Officers.
13-2012	PERSONAL FINANCIAL ADVISORS	*1419	Other Financial Officers.
13-2021	INSURANCE UNDERWRITERS	1414	Underwriters.
13-2030 LOAN OFFICERS AND COUNSELORS:			
13-2031	LOAN COUNSELORS	*1415	Loan Officers.
13-2032	LOAN OFFICERS	*1415	Loan Officers.
13-2041	TAX PREPARERS	*4712	Bookkeepers and Accounting and Auditing Clerks.
13-2099	FINANCIAL SPECIALISTS, ALL OTHER.	*149	MANAGEMENT RELATED OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
15-0000 COMPUTER AND MATHEMATICAL OCCUPATIONS			
15-1000 COMPUTER SPECIALISTS:			
15-1001	COMPUTER AND INFORMATION SCIENTISTS, RESEARCH.	*1719	Computer Scientists, Not Elsewhere Classified.
15-1002	COMPUTER PROGRAMMERS	3971	Programmers, Business.
		3972	Programmers, Scientific.
15-1010 COMPUTER SOFTWARE ENGINEERS:			
15-1011	COMPUTER SOFTWARE APPLICATIONS ENGINEERS.	*1719	Computer Scientists, Not Elsewhere Classified.
15-1012	COMPUTER SOFTWARE ENGINEERS, OPERATING SYSTEMS.	*1636	Computer Engineers.
15-1021	COMPUTER SUPPORT SPECIALISTS.	*1719	Computer Scientists, Not Elsewhere Classified.
15-1022	DATABASE ADMINISTRATORS	*1719	Computer Scientists, Not Elsewhere Classified.
15-1023	NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS.	*1719	Computer Scientists, Not Elsewhere Classified.
15-1030 SYSTEMS ANALYSTS:			
15-1031	NETWORK SYSTEMS AND DATA COMMUNICATIONS ANALYSTS.	*1712	Computer Systems Analysts.
15-1032	SYSTEMS ANALYSTS, SCIENCE AND ENGINEERING.	*1712	Computer Systems Analysts.
15-1039	SYSTEMS ANALYSTS, ALL OTHER	*1712	Computer Systems Analysts.
15-1099	COMPUTER SPECIALISTS, ALL OTHER.	*1719	Computer Scientists, Not Elsewhere Classified.
15-2000 MATHEMATICAL SCIENTISTS AND TECHNICIANS:			
15-2001	ACTUARIES	1732	Actuaries.
15-2002	MATHEMATICIANS	1739	Mathematical Scientists, Not Elsewhere Classified.
15-2003	OPERATIONS RESEARCHERS AND ANALYSTS.	1722	Systems Researchers and Analysts, Except Computer.
15-2004	STATISTICIANS	1733	Statisticians.
15-2099	MATHEMATICAL SCIENTISTS AND TECHNICIANS, ALL OTHER.	384	MATHEMATICAL TECHNICIANS.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued
TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
17-0000 ARCHITECTURE AND ENGINEERING OCCUPATIONS			
17-1000 ARCHITECTS, SURVEYORS, AND CARTOGRAPHERS:			
17-1001	ARCHITECTS, EXCEPT LANDSCAPE AND NAVAL.	161	ARCHITECTS.
17-1010 SURVEYORS, CARTOGRAPHERS, AND PHOTOGRAMMETRISTS:			
17-1011	CARTOGRAPHERS AND PHOTOGRAMMETRISTS.	1644	Cartographers.
17-1012	SURVEYORS	1643	Land Surveyors.
		1649	Surveyors and Mapping Scientists, Not Elsewhere Classified.
17-2000 ENGINEERS:			
17-2001	AEROSPACE ENGINEERS	1622	Aerospace Engineers.
17-2002	AGRICULTURAL ENGINEERS	1632	Agricultural Engineers.
17-2003	BIOMEDICAL ENGINEERS	*1639	Engineers, Not Elsewhere Classified.
17-2004	CHEMICAL ENGINEERS	1626	Chemical Engineers.
17-2005	CIVIL ENGINEERS	*1628	Civil Engineers.
17-2006	COMPUTER HARDWARE ENGINEERS.	*1636	Computer Engineers.
17-2010 ELECTRICAL AND ELECTRONICS ENGINEERS:			
17-2011	ELECTRICAL ENGINEERS	*1633	Electrical and Electronic Engineers.
17-2012	ELECTRONICS ENGINEERS, EXCEPT COMPUTER.	*1633	Electrical and Electronic Engineers.
17-2021	ENVIRONMENTAL ENGINEERS	*1628	Civil Engineers.
17-2030 INDUSTRIAL ENGINEERS, INCLUDING HEALTH AND SAFETY:			
17-2031	HEALTH AND SAFETY ENGINEERS, EXCEPT MINING SAFETY ENGINEERS AND INSPECTORS.	*1639	Engineers, Not Elsewhere Classified.
17-2032	INDUSTRIAL ENGINEERS	1634	Industrial Engineers.
17-2041	MARINE ENGINEERS AND NAVAL ARCHITECTS.	1637	Marine Engineers and Naval Architects.
17-2042	MATERIALS ENGINEERS	1623	Metallurgical and Materials Engineers.
17-2043	MECHANICAL ENGINEERS	1635	Mechanical Engineers.
17-2044	MINING AND GEOLOGICAL ENGINEERS, INCLUDING MINE SAFETY ENGINEERS.	1624	Mining Engineers.
17-2045	NUCLEAR ENGINEERS	1627	Nuclear Engineers.
17-2046	PETROLEUM ENGINEERS	1625	Petroleum Engineers.
17-2099	ENGINEERS, ALL OTHER	*1639	Engineers, Not Elsewhere Classified.
17-3000 ARCHITECTURAL, ENGINEERING, AND MAPPING TECHNICIANS:			
17-3010 DRAFTERS:			
17-3011	ARCHITECTURAL AND CIVIL DRAFTERS.	*372	DRAFTING OCCUPATIONS.
17-3012	ELECTRICAL AND ELECTRONICS DRAFTERS.	*372	DRAFTING OCCUPATIONS.
17-3013	MECHANICAL DRAFTERS	*372	DRAFTING OCCUPATIONS.
17-3019	DRAFTERS, ALL OTHER	*372	DRAFTING OCCUPATIONS.
17-3021	ARCHITECTURAL TECHNICIANS, EXCEPT DRAFTERS.	*3719	Engineering Technologists and Technicians, Not Elsewhere Classified.
17-3030 ENGINEERING TECHNICIANS, EXCEPT DRAFTERS:			
17-3031	AEROSPACE ENGINEERING AND OPERATIONS TECHNICIANS.	*3719	Engineering Technologists and Technicians, Not Elsewhere Classified.
17-3032	CIVIL ENGINEERING TECHNICIANS.	*399	TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
17-3033	ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS.	*3711	Electrical and Electronic Engineering Technologists and Technicians.
17-3034	ELECTRO-MECHANICAL TECHNICIANS.	*3711	Electrical and Electronic Engineering Technologists and Technicians.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
17-3035	ENVIRONMENTAL ENGINEERING TECHNICIANS.	*3719	Engineering Technologists and Technicians, Not Elsewhere Classified.
17-3036	INDUSTRIAL ENGINEERING TECHNICIANS.	3712	Industrial Engineering Technologists and Technicians.
17-3037	MECHANICAL ENGINEERING TECHNICIANS.	3713	Mechanical Engineering Technologists and Technicians.
17-3039	ENGINEERING TECHNICIANS, EXCEPT DRAFTERS, ALL OTHER.	*3719	Engineering Technologists and Technicians, Not Elsewhere Classified.
17-3041	SURVEYING AND MAPPING TECHNICIANS.	3733	Surveying Technicians.
		3734	Cartographic Technicians.
		3739	Surveying and Mapping Technicians, Not Elsewhere Classified.
19-0000 LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS			
19-1000 LIFE SCIENTISTS:			
19-1010 AGRICULTURAL AND FOOD SCIENTISTS:			
19-1011	ANIMAL SCIENTISTS	*1853	Agricultural and Food Scientists.
19-1012	FOOD SCIENTISTS AND TECHNOLOGISTS.	*1853	Agricultural and Food Scientists.
19-1013	SOIL AND PLANT SCIENTISTS	*1853	Agricultural and Food Scientists.
19-1020 BIOLOGICAL SCIENTISTS:			
19-1021	BIOCHEMISTS AND BIOPHYSICISTS.	*1854	Biological Scientists.
19-1022	MICROBIOLOGISTS	*1854	Biological Scientists.
19-1023	ZOOLOGISTS AND WILDLIFE BIOLOGISTS.	*1854	Biological Scientists.
19-1029	BIOLOGISTS, ALL OTHER	*1854	Biological Scientists.
19-1030 CONSERVATION SCIENTISTS AND FORESTERS:			
19-1031	CONSERVATION SCIENTISTS	*1852	Forestry and Conservation Scientists.
19-1032	FORESTERS	*1852	Forestry and Conservation Scientists.
19-1041	MEDICAL SCIENTISTS	1855	Medical Scientists.
19-1099	LIFE SCIENTISTS, ALL OTHER	185	LIFE SCIENTISTS.
19-2000 PHYSICAL SCIENTISTS:			
19-2001	ASTRONOMERS	1842	Astronomers.
19-2002	ATMOSPHERIC AND SPACE SCIENTISTS.	1846	Atmospheric and Space Scientists.
19-2003	CHEMISTS	1845	Chemists, Except Biochemists.
19-2004	ENVIRONMENTAL SCIENTISTS	*1849	Physical Scientists, Not Elsewhere Classified.
19-2010 GEOSCIENTISTS:			
19-2011	GEOSCIENTISTS, EXCEPT HYDROLOGISTS AND GEOGRAPHERS.	*1847	Geologists.
19-2012	HYDROLOGISTS	*1847	Geologists.
19-2021	MATERIALS SCIENTISTS	*1849	Physical Scientists, Not Elsewhere Classified.
19-2022	PHYSICISTS	1843	Physicists.
19-2099	PHYSICAL SCIENTISTS, ALL OTHER.	*1849	Physical Scientists, Not Elsewhere Classified.
19-3000 SOCIAL SCIENTISTS AND RELATED WORKERS:			
19-3001	ANTHROPOLOGISTS AND ARCHEOLOGISTS.	*1919	Social Scientists, Not Elsewhere Classified.
19-3002	ECONOMISTS	*1912	Economists.
19-3003	GEOGRAPHERS	*1849	Physical Scientists, Not Elsewhere Classified.
19-3004	HISTORIANS	1913	Historians.
19-3010 MARKET AND SURVEY RESEARCHERS:			
19-3011	MARKET RESEARCH ANALYSTS ..	*1912	Economists.
19-3012	SURVEY RESEARCHERS	*1912	Economists.
19-3021	POLITICAL SCIENTISTS	1914	Political Scientists.
19-3030 PSYCHOLOGISTS:			

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
19-3031	CLINICAL, COUNSELING, AND SCHOOL PSYCHOLOGISTS.	*1915	Psychologists.
19-3032	INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGISTS.	*1915	Psychologists.
19-3039	PSYCHOLOGISTS, ALL OTHER	*1915	Psychologists.
19-3041	SOCIOLOGISTS	1916	Sociologists.
19-3042	URBAN AND REGIONAL PLANNERS.	192	URBAN AND REGIONAL PLANNERS.
19-3099	SOCIAL SCIENTISTS AND RELATED WORKERS, ALL OTHER.	*1919	Social Scientists, Not Elsewhere Classified.
19-4000 LIFE, PHYSICAL, AND SOCIAL SCIENCE TECHNICIANS:			
19-4001	AGRICULTURAL AND FOOD SCIENCE TECHNICIANS.	*382	BIOLOGICAL TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH.
19-4002	BIOLOGICAL TECHNICIANS	*382	BIOLOGICAL TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH.
19-4003	CHEMICAL TECHNICIANS	3831	Chemical Technologists and Technicians.
19-4004	ENVIRONMENTAL SCIENCE TECHNICIANS.	*389	SCIENCE TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
19-4005	FORENSIC SCIENCE TECHNICIANS.	*389	SCIENCE TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
19-4006	FOREST AND CONSERVATION TECHNICIANS.	*382	BIOLOGICAL TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH.
19-4007	GEOLOGICAL AND PETROLEUM TECHNICIANS.	3833	Petroleum Technologists and Technicians.
19-4008	NUCLEAR TECHNICIANS	3832	Nuclear Technologists and Technicians.
19-4011	SOCIAL SCIENCE TECHNICIANS ...	*389	SCIENCE TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
19-4099	LIFE AND PHYSICAL SCIENCE TECHNICIANS, ALL OTHER.	*389	SCIENCE TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-0000 HEALTH OCCUPATIONS			
21-1000 HEALTH DIAGNOSING AND TREATING PRACTITIONERS:			
21-1001	CHIROPRACTORS	*289	HEALTH DIAGNOSING AND TREATING PRACTITIONERS, NOT ELSEWHERE CLASSIFIED.
21-1010 DENTISTS:			
21-1011	DENTISTS, GENERAL	*262	DENTISTS.
21-1012	PROSTHODONTISTS	*262	DENTISTS.
21-1013	ORTHODONTISTS	*262	DENTISTS.
21-1014	ORAL AND MAXILLOFACIAL SURGEONS.	*262	DENTISTS.
21-1019	DENTISTS, ALL OTHER SPECIALISTS.		
21-1021	DIETITIANS AND NUTRITIONISTS	*302	DIETITIANS.
21-1022	OPTOMETRISTS	281	OPTOMETRISTS.
21-1023	PHARMACISTS	301	PHARMACISTS.
21-1030 PHYSICIANS AND SURGEONS:			
21-1031	ANESTHESIOLOGISTS	*261	PHYSICIANS.
21-1032	FAMILY AND GENERAL PRACTITIONERS.	*261	PHYSICIANS.
21-1033	INTERNISTS, GENERAL	*261	PHYSICIANS.
21-1034	OBSTETRICIANS AND GYNECOLOGISTS.	*261	PHYSICIANS.
21-1035	PEDIATRICIANS, GENERAL	*261	PHYSICIANS.
21-1036	PSYCHIATRISTS	*261	PHYSICIANS.
21-1037	SURGEONS	*261	PHYSICIANS.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
21-1039	PHYSICIANS, ALL OTHER SPECIALISTS.	*261	PHYSICIANS.
21-1041	PHYSICIAN ASSISTANTS	304	PHYSICIAN'S ASSISTANTS.
21-1042	PODIATRISTS	283	PODIATRISTS.
21-1043	REGISTERED NURSES	29	REGISTERED NURSES.
21-1050 THERAPISTS:			
21-1051	AUDIOLOGISTS	*3034	Speech Pathologists and Audiologists.
21-1052	OCCUPATIONAL THERAPISTS	3032	Occupational Therapists.
21-1053	PHYSICAL THERAPISTS	3033	Physical Therapists.
21-1054	RADIATION THERAPISTS	*365	RADIOLOGIC TECHNOLOGISTS AND TECHNICIANS.
21-1055	RECREATIONAL THERAPISTS	*3039	Therapists, Not Elsewhere Classified.
21-1056	RESPIRATORY THERAPISTS	*3031	Respiratory Therapists.
21-1057	SPEECH-LANGUAGE PATHOLOGISTS.	*3034	Speech Pathologists and Audiologists.
21-1059	THERAPISTS, ALL OTHER	*3039	Therapists, Not Elsewhere Classified.
21-1061	VETERINARIANS	27	VETERINARIANS.
21-1099	HEALTH DIAGNOSING AND TREATING PRACTITIONERS, ALL OTHER, INCLUDING ALTERNATIVE HEALTH CARE PROVIDERS.	*289	HEALTH DIAGNOSING AND TREATING PRACTITIONERS, NOT ELSEWHERE CLASSIFIED.
21-2000 HEALTH TECHNOLOGISTS AND TECHNICIANS:			
21-2001	CARDIOVASCULAR TECHNOLOGISTS AND TECHNICIANS.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-2010 CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS:			
21-2011	MEDICAL AND CLINICAL LABORATORY TECHNICIANS.	*362	CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS.
21-2012	MEDICAL AND CLINICAL LABORATORY TECHNOLOGISTS.	*362	CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS.
21-2021	DENTAL HYGIENISTS	363	DENTAL HYGIENISTS.
21-2030 DIAGNOSTIC IMAGING TECHNICIANS:			
21-2031	DIAGNOSTIC MEDICAL SONOGRAPHERS.	*365	RADIOLOGIC TECHNOLOGISTS AND TECHNICIANS.
21-2032	NUCLEAR MEDICINE TECHNOLOGISTS.	*365	RADIOLOGIC TECHNOLOGISTS AND TECHNICIANS.
21-2033	RADIOLOGIC TECHNOLOGISTS AND TECHNICIANS.	*365	RADIOLOGIC TECHNOLOGISTS AND TECHNICIANS.
21-2041	DIETETIC TECHNICIANS	*302	DIETITIANS.
21-2042	EMERGENCY MEDICAL TECHNICIANS AND PARAMEDICS.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-2043	LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES.	366	LICENSED PRACTICAL NURSES.
21-2044	MEDICAL RECORDS AND HEALTH INFORMATION TECHNICIANS.	364	HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS.
21-2045	OPTICIANS, DISPENSING	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-2046	PHARMACY TECHNICIANS	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-2047	PSYCHIATRIC TECHNICIANS	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-2048	RESPIRATORY THERAPY TECHNICIANS.	*3031	Respiratory Therapists.
21-2051	SURGICAL TECHNOLOGISTS	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
21-2052	VETERINARY TECHNOLOGISTS AND TECHNICIANS.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-2099	HEALTH TECHNOLOGISTS AND TECHNICIANS, ALL OTHER.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-3000 HEALTH SERVICE ASSISTANTS AND ATTENDANTS:			
21-3001	DENTAL ASSISTANTS	5232	Dental Assistants.
21-3002	HOME HEALTH AIDES	*5233	Health Aides, Except Nursing.
21-3003	MEDICAL ASSISTANTS	*5233	Health Aides, Except Nursing.
21-3004	NURSING AIDES, ORDERLIES, AND ATTENDANTS.	5236	Nursing Aides, Orderlies, and Attendants.
21-3010 OCCUPATIONAL THERAPY ASSISTANTS AND AIDES:			
21-3011	OCCUPATIONAL THERAPY AIDES	*5233	Health Aides, Except Nursing.
21-3012	OCCUPATIONAL THERAPY ASSISTANTS.	*5233	Health Aides, Except Nursing.
21-3021	PHARMACY AIDES	*5233	Health Aides, Except Nursing.
21-3022	PHLEBOTOMISTS	*5233	Health Aides, Except Nursing.
21-3030 PHYSICAL THERAPY ASSISTANTS AND AIDES:			
21-3031	PHYSICAL THERAPY AIDES	*5233	Health Aides, Except Nursing.
21-3032	PHYSICAL THERAPY ASSISTANTS	*5233	Health Aides, Except Nursing.
21-3041	PSYCHIATRIC AIDES	*5233	Health Aides, Except Nursing.
21-3099	HEALTH SERVICE ASSISTANTS AND ATTENDANTS, ALL OTHER.	523	HEALTH SERVICE OCCUPATIONS.
21-4000 OTHER HEALTH-RELATED WORKERS:			
21-4001	ATHLETIC TRAINERS	*34	ATHLETES AND RELATED WORKERS.
21-4002	HEALTH SERVICE COORDINATORS.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-4003	MEDICAL EQUIPMENT PREPARERS.	*5233	Health Aides, Except Nursing.
21-4010 OCCUPATIONAL HEALTH AND SAFETY SPECIALISTS AND TECHNICIANS:			
21-4011	OCCUPATIONAL HEALTH AND SAFETY SPECIALISTS.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-4012	OCCUPATIONAL HEALTH AND SAFETY TECHNICIANS.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-4021	ORTHOTISTS AND PROSTHETISTS.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
21-4999	HEALTH-RELATED WORKERS, ALL OTHER.	*289	HEALTH DIAGNOSING AND TREATING PRACTITIONERS, NOT ELSEWHERE CLASSIFIED.

23-0000 COMMUNITY AND SOCIAL SERVICES OCCUPATIONS

23-1000 PSYCHOSOCIAL, COMMUNITY, AND BEHAVIORAL WORKERS:			
23-1010 COUNSELORS, EXCEPT EDUCATIONAL, VOCATIONAL, AND SCHOOL:			
23-1011	ALCOHOL AND SUBSTANCE ABUSE COUNSELORS.	*2032	Social Workers.
23-1012	MARRIAGE AND FAMILY COUNSELORS AND THERAPISTS.	*2032	Social Workers.
23-1013	MENTAL HEALTH COUNSELORS ..	*2032	Social Workers.
23-1014	REHABILITATION COUNSELORS ...	*2032	Social Workers.
23-1019	COUNSELORS, EXCEPT EDUCATIONAL, VOCATIONAL, AND SCHOOL, ALL OTHER.	*2032	Social Workers.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
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TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
23-1020 SOCIAL WORKERS:			
23-1021	CHILD, FAMILY, AND SCHOOL SOCIAL WORKERS.	*2032	Social Workers.
23-1022	MEDICAL AND PUBLIC HEALTH SOCIAL WORKERS.	*2032	Social Workers.
23-1023	MENTAL HEALTH AND SUBSTANCE ABUSE SOCIAL WORKERS.	*2032	Social Workers.
23-1029	SOCIAL WORKERS, ALL OTHER ...	*2032	Social Workers.
23-1030 OTHER COMMUNITY AND SOCIAL SERVICE WORKERS:			
23-1031	PROBATION OFFICERS AND CORRECTIONAL TREATMENT SPECIALISTS.	*2032	Social Workers.
23-1032	RECREATION WORKERS	2033	Recreation Workers.
23-1033	SOCIAL AND HUMAN SERVICE ASSISTANTS.	*2032	Social Workers.
23-2000 RELIGIOUS WORKERS:			
23-2001	CLERGY	2042	Clergy.
23-2002	DIRECTORS, RELIGIOUS ACTIVITIES AND EDUCATION.	*2049	Religious Workers, Not Elsewhere Classified.
23-2099	RELIGIOUS WORKERS, ALL OTHER.	*2049	Religious Workers, Not Elsewhere Classified.
25-0000 LEGAL OCCUPATIONS			
25-1000 LEGAL OCCUPATIONS:			
25-1001	ADJUDICATORS, HEARINGS OFFICERS, AND JUDICIAL REVIEWERS.	*212	JUDGES.
25-1002	ARBITRATORS, MEDIATORS, AND CONCILIATORS.	*211	LAWYERS.
25-1010 COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS:			
25-1011	CONSTRUCTION AND BUILDING INSPECTORS.	1472	Construction Inspectors.
25-1012	FINANCIAL EXAMINERS	*1473	Inspectors and Compliance Officers, except Construction.
25-1013	SAFETY AND HEALTH INSPECTORS AND COMPLIANCE OFFICERS, EXCEPT CONSTRUCTION.	*1473	Inspectors and Compliance Officers, except Construction.
25-1014	TAX EXAMINERS, COLLECTORS, AND REVENUE AGENTS.	*1473	Inspectors and Compliance Officers, except Construction.
25-1019	COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, ALL OTHER.	*1473	Inspectors and Compliance Officers, except Construction.
25-1021	JUDGES AND MAGISTRATES	*212	JUDGES.
25-1022	LAW CLERKS	*396	LEGAL TECHNICIANS.
25-1023	LAWYERS	*211	LAWYERS.
25-1024	PARALEGALS AND LEGAL ASSISTANTS.	*396	LEGAL TECHNICIANS.
25-1025	TITLE EXAMINERS, ABSTRACTORS, AND SEARCHERS.	*396	LEGAL TECHNICIANS.
25-1999	LEGAL WORKERS, ALL OTHER	21	LAWYERS AND JUDGES.
27-0000 EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS			
27-1000 TEACHERS, PRIMARY, SECONDARY, AND SPECIAL EDUCATION:			
27-1001	TEACHERS, PRESCHOOL	*231	PREKINDERGARTEN AND KINDERGARTEN TEACHERS.
27-1002	TEACHERS, KINDERGARTEN	*231	PREKINDERGARTEN AND KINDERGARTEN TEACHERS.
27-1003	TEACHERS, ELEMENTARY SCHOOL.	*232	ELEMENTARY SCHOOL TEACHERS.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
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TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
27-1004	TEACHERS, MIDDLE SCHOOL	*232	ELEMENTARY SCHOOL TEACHERS.
27-1005	TEACHERS, SECONDARY SCHOOL.	233	SECONDARY SCHOOL TEACHERS.
27-1006	SPECIAL EDUCATION TEACHERS	235	TEACHERS; SPECIAL EDUCATION.
27-2000 TEACHERS, POST-SECONDARY:			
27-2001	BUSINESS TEACHERS, POST-SECONDARY.	2233	Business, Commerce and Marketing Teachers.
27-2010 MATH AND COMPUTER TEACHERS, POSTSECONDARY:			
27-2011	COMPUTER SCIENCE TEACHERS, POSTSECONDARY.	2228	Computer Science Teachers.
27-2012	MATHEMATICAL SCIENCE TEACHERS, POSTSECONDARY.	*2249	Teachers; Postsecondary, Not Elsewhere Classified.
		2227	Mathematical Sciences Teachers.
27-2020 ENGINEERING AND ARCHITECTURE TEACHERS, POST-SECONDARY:			
27-2021	ARCHITECTURE TEACHERS, POSTSECONDARY.	*2249	Teachers; Postsecondary, Not Elsewhere Classified.
27-2022	ENGINEERING TEACHERS, POST-SECONDARY.	2226	Engineering Teachers.
27-2030 LIFE SCIENCES TEACHERS, POSTSECONDARY:			
27-2031	AGRICULTURAL SCIENCES TEACHERS, POSTSECONDARY.	2234	Agriculture Teachers.
27-2032	BIOLOGICAL SCIENCE TEACHERS	2213	Biological Sciences Teachers.
27-2033	FORESTRY AND CONSERVATION SCIENCE TEACHERS, POST-SECONDARY.	*2249	Teachers; Postsecondary, Not Elsewhere Classified.
27-2040 PHYSICAL SCIENCES TEACHERS, POSTSECONDARY:			
27-2041	ATMOSPHERIC, EARTH, MARINE, AND SPACE SCIENCES TEACHERS.	2212	Atmospheric, Earth, Marine, and Space Sciences Teachers.
27-2042	CHEMISTRY TEACHERS, POST-SECONDARY.	2214	Chemistry Teachers.
27-2043	ENVIRONMENTAL SCIENCE TEACHERS, POSTSECONDARY.	*2216	Natural Sciences Teachers, Not Elsewhere Classified.
27-2050 SOCIAL SCIENCES TEACHERS, POSTSECONDARY:			
27-2051	ANTHROPOLOGY AND ARCHEOLOGY TEACHERS, POST-SECONDARY.	*2224	Sociology Teachers.
27-2052	AREA, ETHNIC, AND CULTURAL STUDIES TEACHERS, POST-SECONDARY.	*2225	Social Sciences Teachers, Not Elsewhere Classified.
27-2053	ECONOMICS TEACHERS, POST-SECONDARY.	2218	Economics Teachers.
27-2054	GEOGRAPHY TEACHERS, POST-SECONDARY.	*2225	Social Sciences Teachers, Not Elsewhere Classified.
27-2055	PHYSICS TEACHERS, POST-SECONDARY.	2215	Physics Teachers.
27-2056	POLITICAL SCIENCE TEACHERS, POSTSECONDARY.	2223	Political Science Teachers.
27-2057	PSYCHOLOGY TEACHERS, POST-SECONDARY.	2217	Psychology Teachers.
27-2058	SOCIOLOGY TEACHERS, POST-SECONDARY.	*2224	Sociology Teachers.
27-2059	SOCIAL SCIENCES TEACHERS, POSTSECONDARY, ALL OTHER.	*2225	Social Sciences Teachers, Not Elsewhere Classified.
27-2060 HEALTH TEACHERS, POSTSECONDARY:			
27-2061	HEALTH SPECIALTIES TEACHERS, POSTSECONDARY.	2231	Medical Science Teachers.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
27-2062	NURSING INSTRUCTORS AND TEACHERS, POSTSECONDARY.	2232	Health Specialties Teachers, Not Elsewhere Classified.
27-2070 EDUCATION AND LIBRARY SCIENCE TEACHERS, POSTSECONDARY:			
27-2071	EDUCATION TEACHERS, POSTSECONDARY.	2237	Education Teachers.
27-2072	LIBRARY SCIENCE TEACHERS, POSTSECONDARY.	*2249	Teachers; Postsecondary, Not Elsewhere Classified.
27-2080 LAW, CRIMINAL JUSTICE, AND SOCIAL SERVICES TEACHERS, POSTSECONDARY:			
27-2081	CRIMINAL JUSTICE AND LAW ENFORCEMENT TEACHERS, POSTSECONDARY.	*2249	Teachers; Postsecondary, Not Elsewhere Classified.
27-2082	LAW TEACHERS, POSTSECONDARY.	2243	Law Teachers.
27-2083	SOCIAL WORK TEACHERS, POSTSECONDARY.	2244	Social Work Teachers.
27-2090 ARTS, COMMUNICATIONS, AND HUMANITIES TEACHERS, POSTSECONDARY:			
27-2091	ART, DRAMA, AND MUSIC TEACHERS, POSTSECONDARY.	2235	Art, Drama, and Music Teachers.
27-2092	COMMUNICATIONS TEACHERS, POSTSECONDARY.	*2249	Teachers; Postsecondary, Not Elsewhere Classified.
27-2093	ENGLISH LANGUAGE AND LITERATURE TEACHERS, POSTSECONDARY.	2238	English Teachers.
27-2094	FOREIGN LANGUAGE AND LITERATURE TEACHERS, POSTSECONDARY.	2242	Foreign Language Teachers.
27-2095	HISTORY TEACHERS, POSTSECONDARY.	2222	History Teachers.
27-2096	PHILOSOPHY AND RELIGION TEACHERS, POSTSECONDARY.	2245	Theology Teachers.
		*2249	Teachers; Postsecondary, Not Elsewhere Classified.
27-2100 OTHER POSTSECONDARY TEACHERS:			
27-2101	GRADUATE ASSISTANTS, TEACHING	*2249	Teachers; Postsecondary, Not Elsewhere Classified.
27-2102	HOME ECONOMICS TEACHERS, POSTSECONDARY	2247	Home Economics Teachers.
27-2103	RECREATION AND FITNESS STUDIES TEACHERS, POSTSECONDARY	*2236	Physical Education Teachers.
27-2109	POSTSECONDARY TEACHERS, ALL OTHER	*2216	Natural Sciences Teachers, Not Elsewhere Classified.
		*2249	Teachers; Postsecondary, Not Elsewhere Classified.
27-3000 OTHER TEACHERS AND INSTRUCTORS:			
27-3001	LITERACY, REMEDIAL EDUCATION, AND GED TEACHERS AND INSTRUCTORS.	*239	ADULT EDUCATION AND OTHER TEACHERS, NOT ELSEWHERE CLASSIFIED.
27-3002	SELF-ENRICHMENT EDUCATION TEACHERS.	*239	ADULT EDUCATION AND OTHER TEACHERS, NOT ELSEWHERE CLASSIFIED.
27-3003	VOCATIONAL EDUCATION AND TRAINING TEACHERS AND INSTRUCTORS.	2246	Trade and Industrial Teachers.
27-3099	TEACHERS AND INSTRUCTORS, ALL OTHER.	*239	ADULT EDUCATION AND OTHER TEACHERS, NOT ELSEWHERE CLASSIFIED.
27-4000	LIBRARIANS, CURATORS, AND ARCHIVISTS.		
27-4010 ARCHIVISTS, CURATORS, AND MUSEUM TECHNICIANS:			

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
27-4011	ARCHIVISTS	*252	ARCHIVISTS AND CURATORS.
27-4012	CURATORS	*252	ARCHIVISTS AND CURATORS.
27-4013	MUSEUM TECHNICIANS AND CONSERVATORS.	*252	ARCHIVISTS AND CURATORS.
27-4021	LIBRARIANS	251	LIBRARIANS.
27-4022	LIBRARY TECHNICIANS AND AS- SISTANTS.	4694	Library Clerks.
27-5000 OTHER EDUCATION AND TRAINING SPECIALISTS:			
27-5001	AUDIO-VISUAL COLLECTIONS SPECIALISTS.	*329	WRITERS, ARTISTS, AND RELAT- ED WORKERS; NOT ELSE- WHERE CLASSIFIED.
27-5002	EDUCATIONAL, VOCATIONAL, AND SCHOOL GUIDANCE COUNSELORS.	*24	VOCATIONAL AND EDUCATIONAL COUNSELORS.
27-5003	FARM AND HOME MANAGEMENT ADVISORS.	*239	ADULT EDUCATION AND OTHER TEACHERS, NOT ELSEWHERE CLASSIFIED.
27-5004	INSTRUCTIONAL COORDINATORS	236	INSTRUCTIONAL COORDINA- TORS.
27-5005	SPORTS AND PHYSICAL TRAIN- ING INSTRUCTORS AND COACHES.	*2236	Physical Education Teachers.
27-5006	TEACHER AIDES	*34	ATHLETES AND RELATED WORK- ERS.
		4795	Teacher Aides.
29-0000 ARTS, DESIGN, ENTERTAINMENT, MEDIA, AND SPORTS OCCUPATIONS			
29-1000 ARTS AND ENTERTAIN- MENT WORKERS:			
29-1010 ARTISTS AND RELATED WORKERS:			
29-1011	ART DIRECTORS	*325	PAINTERS, SCULPTORS, CRAFT- ARTISTS AND ARTIST- PRINTMAKERS.
29-1012	CRAFT ARTISTS	*325	PAINTERS, SCULPTORS, CRAFT- ARTISTS AND ARTIST- PRINTMAKERS.
29-1013	FINE ARTISTS, INCLUDING PAINT- ERS, SCULPTORS, AND ILLUS- TRATORS.	*325	PAINTERS, SCULPTORS, CRAFT- ARTISTS AND ARTIST- PRINTMAKERS.
29-1014	MULTI-MEDIA ARTISTS AND ANI- MATORS.	*325	PAINTERS, SCULPTORS, CRAFT- ARTISTS AND ARTIST- PRINTMAKERS.
29-1019	ARTISTS AND RELATED WORK- ERS, ALL OTHER.	*329	WRITERS, ARTISTS, AND RELAT- ED WORKERS; NOT ELSE- WHERE CLASSIFIED.
29-1020 ATHLETES, COACHES, UMPIRES, AND RELATED WORK- ERS:			
29-1021	ATHLETES AND SPORTS COM- PETITORS.	*34	ATHLETES AND RELATED WORK- ERS.
29-1022	COACHES AND SCOUTS	*34	ATHLETES AND RELATED WORK- ERS.
29-1023	UMPIRES, REFEREES, AND OTHER SPORTS OFFICIALS.	*34	ATHLETES AND RELATED WORK- ERS.
29-1030 PERFORMERS AND EN- TERTAINERS:			
29-1031	ACTORS	*324	ACTORS AND DIRECTORS.
29-1032	DANCERS AND CHOREOGRAPHERS.	327	DANCERS.
29-1033	MUSIC DIRECTORS AND COM- POSERS.	*323	MUSICIANS AND COMPOSERS.
29-1034	MUSICIANS AND SINGERS	*323	MUSICIANS AND COMPOSERS.
29-1035	PRODUCERS AND DIRECTORS	*324	ACTORS AND DIRECTORS.
29-1039	PERFORMERS AND ENTERTAIN- ERS, ALL OTHER.	328	PERFORMERS, NOT ELSEWHERE CLASSIFIED.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
29-2000 COMMUNICATIONS AND MEDIA WORKERS:			
29-2001	ANNOUNCERS	333	RADIO, TELEVISION AND OTHER ANNOUNCERS.
29-2002	BROADCAST NEWS ANALYSTS	*3313	Reporters.
29-2003	BROADCAST TECHNICIANS	*393	RADIO AND RELATED OPERATORS.
29-2004	CAMERA OPERATORS, TELEVISION, VIDEO, AND MOTION PICTURE.	*326	PHOTOGRAPHERS.
29-2005	EDITORS	3312	Editors.
29-2006	FILM AND VIDEO EDITORS	*326	PHOTOGRAPHERS.
29-2007	INTERPRETERS AND TRANSLATORS.	*399	TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
29-2008	MOTION PICTURE PROJECTIONISTS.	*7479	Miscellaneous Machine Setup Operators.
29-2011	PHOTOGRAPHERS	*326	PHOTOGRAPHERS.
29-2012	PUBLIC RELATIONS SPECIALISTS	332	PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS.
29-2013	RADIO OPERATORS	*393	RADIO AND RELATED OPERATORS.
29-2014	REPORTERS AND CORRESPONDENTS.	*3313	Reporters.
29-2015	SOUND ENGINEERING TECHNICIANS.	*399	TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
29-2020 WRITERS:			
29-2021	TECHNICAL WRITERS	398	TECHNICAL WRITERS.
29-2022	WRITERS AND AUTHORS	321	AUTHORS.
29-2099	COMMUNICATIONS AND MEDIA WORKERS, ALL OTHER.		
29-3000 DESIGNERS:			
29-3001	COMMERCIAL AND INDUSTRIAL DESIGNERS.	*322	DESIGNERS.
29-3002	FASHION DESIGNERS	*322	DESIGNERS.
29-3003	FLORAL DESIGNERS	*322	DESIGNERS.
29-3004	GRAPHIC DESIGNERS	*322	DESIGNERS.
29-3005	INTERIOR DESIGNERS	*322	DESIGNERS.
29-3006	LANDSCAPE ARCHITECTS	*322	DESIGNERS.
29-3007	MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS.	*322	DESIGNERS.
29-3008	SET AND EXHIBIT DESIGNERS	*322	DESIGNERS.
29-3099	DESIGNERS, ALL OTHER	*322	DESIGNERS.
31-0000 SALES OCCUPATIONS			
31-1000 SALES SUPERVISORS:			
31-1001	FIRST-LINE SUPERVISORS/MANAGERS OF RETAIL STORE WORKERS.	403	SUPERVISORS; SALES OCCUPATIONS, RETAIL.
31-1002	FIRST-LINE SUPERVISORS/MANAGERS OF NON-RETAIL SALES WORKERS.	401	SUPERVISORS; SALES OCCUPATIONS, INSURANCE, REAL ESTATE, AND BUSINESS SERVICES.
		402	SUPERVISORS; SALES OCCUPATIONS, COMMODITIES EXCEPT RETAIL.
31-2000 SALES WORKERS:			
31-2001	CASHIERS	4364	Cashiers.
31-2002	COUNTER AND RENTAL CLERKS	4363	Counter Clerks.
31-2003	DEMONSTRATORS AND PRODUCT PROMOTERS.	*445	DEMONSTRATORS, PROMOTERS, AND MODELS.
31-2004	DOOR-TO-DOOR SALES WORKERS, NEWS AND STREET VENDORS, AND OTHER RELATED WORKERS.	4365	News Vendors.
		*4366	Street Vendors, Door-to-door Sales Workers, and Related Occupations.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued
TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
31-2005	MODELS	* 445	DEMONSTRATORS, PROMOTERS, AND MODELS.
31-2006	PARTS SALESPERSONS	4367	Salespersons; Parts.
31-2010 REAL ESTATE AGENTS AND BROKERS:			
31-2011	REAL ESTATE BROKERS	* 4123	Real Estate Sales Occupations.
31-2012	REAL ESTATE SALES AGENTS	* 4123	Real Estate Sales Occupations.
31-2021	RETAIL SALESPERSONS	4342	Salespersons; Motor Vehicles, Mobile Homes, and Supplies.
		4343	Salespersons; Musical Instruments and Supplies.
		4344	Salespersons; Boats and Marine Equipment and Supplies.
		4345	Salespersons; Sporting Goods.
		4346	Salespersons; Garments and Textile Products.
		4347	Salespersons; Books, Stamps, Coins, and Stationery.
		4348	Salespersons; Furniture and Home Furnishings.
		4351	Salespersons, Shoes.
		4352	Salespersons; Radio, Television, High Fidelity, and Household Appliances.
		4353	Salespersons; Hardware.
		4354	Salespersons; Cosmetics, Toiletries, and Allied Products.
		4356	Salespersons; Jewelry and Related Products.
		4362	Sales Clerks.
31-2022	SALES ENGINEERS	421	SALES ENGINEERS.
31-2030 SALES REPRESENTATIVES, SERVICES:			
31-2031	ADVERTISING SALES AGENTS	4153	Advertising and Related Sales Occupations.
31-2032	INSURANCE SALES AGENTS	4122	Insurance Sales Occupations.
31-2033	SECURITIES, COMMODITIES, AND FINANCIAL SERVICES SALES AGENTS.	4124	Securities and Financial Services Sales Occupations.
31-2034	TRAVEL AGENTS	4369	Sales Occupations; Services, Not Elsewhere Classified.
31-2039	SALES REPRESENTATIVES AND SALESPERSONS, SERVICES, ALL OTHER.	4152	Business Service, Except Advertising, Sales Occupations.
31-2040 SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING:			
31-2041	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS.	4232	Technical Sales Workers, Aircraft.
		4233	Technical Sales Workers, Agricultural Equipment and Supplies.
		4234	Technical Sales Workers, Electronic Equipment.
		4235	Technical Sales Workers, Industrial Machinery, Equipment, and Supplies.
		4236	Technical Sales Workers, Medical and Dental Equipment and Supplies.
		4237	Technical Sales Workers; Chemicals and Chemical Products.
		4239	Technical Sales Workers, Not Elsewhere Classified.
31-2042	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, EXCEPT TECHNICAL AND SCIENTIFIC PRODUCTS.	4242	Sales Representatives, Commercial and Industrial Equipment and Supplies.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
31-2051	TELEMARKETERS	4243	Sales Representatives, Garments and Related Textile Products.
		4244	Sales Representatives, Motor Vehicles and Supplies.
		4245	Sales Representatives; Pulp, Paper, and Paper Products.
		4246	Sales Representatives; Farm Products and Livestock.
31-2999	SALES WORKERS, ALL OTHER	* 4366	Street Vendors, Door-to-door Sales Workers, and Related Occupations.
		4249	Sales Representatives; Not Elsewhere Classified.
		4359	Salespersons; Not Elsewhere Classified.
		446	SHOPPERS.
		447	AUCTIONEERS.
		449	SALES OCCUPATIONS; OTHER, NOT ELSEWHERE CLASSIFIED.
33-0000 OFFICE AND ADMINISTRATION OCCUPATIONS			
33-1000 SUPERVISORS, CLERICAL AND ADMINISTRATIVE SUPPORT:			
33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.	4511	Supervisors; General Office Occupations.
		4512	Supervisors; Computer and Peripheral Equipment Operators.
		4513	Supervisors; Secretaries, Stenographers and Typists.
		4514	Supervisors; Information Clerks.
		4516	Supervisors; Correspondence Clerks and Order Clerks.
		4519	Supervisors; Record Clerks.
		4521	Supervisors; Financial Record Processing Occupations.
		4522	Supervisors; Duplicating, Mail and Other Office Machine Operators.
		4523	Chief Communications Operators.
		4524	Supervisors; Mail and Message Distribution Clerks.
		4525	Supervisors; Material Recording, Scheduling, and Distributing Clerks.
		4529	Supervisors; Miscellaneous Administrative Support Occupations.
33-2000 ADJUSTERS, INVESTIGATORS, AND COLLECTORS:			
33-2001	BILL AND ACCOUNT COLLECTORS.	4786	Bill and Account Collectors.
33-2010 CLAIMS EXAMINERS AND INSURANCE APPRAISERS:			
33-2011	CLAIMS EXAMINERS, PROPERTY AND CASUALTY INSURANCE.	4528	Supervisors; Adjusters, Investigators, and Collectors.
		* 4782	Insurance Adjusters, Examiners, and Investigators.
33-2012	INSURANCE APPRAISERS, AUTO DAMAGE.	* 4782	Insurance Adjusters, Examiners, and Investigators.
33-2021	INSURANCE CLAIMS AND POLICY PROCESSING CLERKS.	* 4782	Insurance Adjusters, Examiners, and Investigators.
33-3000 COMMUNICATIONS EQUIPMENT OPERATORS:			
33-3001	SWITCHBOARD OPERATORS, INCLUDING ANSWERING SERVICE.	*4732	Telephone Operators.
33-3002	TELEPHONE OPERATORS	*4732	Telephone Operators.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
33-3099	COMMUNICATIONS EQUIPMENT OPERATORS, ALL OTHER.	4739	Communications Equipment Operators, Not Elsewhere Classified.
33-4000 FINANCIAL CLERKS:			
33-4001	BILLING AND POSTING CLERKS AND MACHINE OPERATORS.	4715	Billing Clerks.
		4716	Cost and Rate Clerks.
		4718	Billing, Posting, and Calculating Machine Operators.
33-4002	BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS.	*4712	Bookkeepers and Accounting and Auditing Clerks.
33-4003	PAYROLL AND TIMEKEEPING CLERKS.	4713	Payroll and Timekeeping Clerks.
33-4004	PROCUREMENT CLERKS	*4664	Order Clerks.
33-4005	TELLERS AND CUSTOMER SERVICE REPRESENTATIVES, FINANCIAL INSTITUTIONS.	4791	Bank Tellers.
33-5000 INFORMATION AND RECORD CLERKS:			
33-5001	BROKERAGE CLERKS	4699	Record Clerks, Not Elsewhere Classified.
33-5002	CORRESPONDENCE CLERKS	4663	Correspondence Clerks.
33-5003	COURT, MUNICIPAL, AND LICENSE CLERKS.	4787	License Clerks.
33-5004	CREDIT AUTHORIZERS, CHECKERS, AND CLERKS.	4783	Investigators and Adjusters, Except Insurance.
33-5005	CUSTOMER SERVICE REPRESENTATIVES, EXCEPT SALES AND FINANCIAL.	*4649	Information Clerks, Not Elsewhere Classified.
33-5006	ELIGIBILITY INTERVIEWERS, GOVERNMENT PROGRAMS.	4784	Clerks, Social Welfare.
		5263	Welfare Service Aides.
33-5007	FILE CLERKS	4696	File Clerks.
33-5008	HOTEL, MOTEL, AND RESORT DESK CLERKS.	4643	Hotel Clerks.
33-5011	INTERVIEWERS, EXCEPT ELIGIBILITY AND PERSONNEL.	*4642	Interviewing Clerks.
33-5012	LOAN INTERVIEWERS AND CLERKS.	*4642	Interviewing Clerks.
33-5013	ORDER CLERKS	4662	Classified-ad Clerks.
		*4664	Order Clerks.
33-5014	PERSONNEL ASSISTANTS, EXCEPT PAYROLL AND TIMEKEEPING.	4692	Personnel Clerks, Except Payroll and Timekeeping.
33-5015	RECEPTIONISTS AND INFORMATION CLERKS.	4645	Receptionists.
33-5016	RESERVATION AND TRANSPORTATION TICKET AGENTS AND TRAVEL CLERKS.	4644	Reservation Agents and Transportation Ticket Clerks.
33-5099	INFORMATION AND RECORD CLERKS, ALL OTHER.	*4649	Information Clerks, Not Elsewhere Classified.
33-6000 KEYBOARD ENTRY WORKERS:			
33-6001	COURT REPORTERS, MEDICAL TRANSCRIPTIONISTS, AND STENOGRAPHERS.	4623	Stenographers.
33-6002	DATA ENTRY KEYERS	4793	Data Entry Keyers.
33-6003	WORD PROCESSORS AND TYPISTS.	4624	Typists.
33-7000 MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS:			
33-7001	CARGO AND FREIGHT AGENTS	*4753	Traffic, Shipping, and Receiving Clerks.
33-7002	DISPATCHERS, EXCEPT POLICE, FIRE, AND AMBULANCE.	*4751	Dispatchers.
33-7003	METER READERS, UTILITIES	4755	Meter Readers.
33-7004	POLICE, FIRE, AND AMBULANCE DISPATCHERS.	*4751	Dispatchers.
33-7005	POSTAL SERVICE CLERKS	*4742	Postal Clerks, Except Mail Carriers.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
33-7006	POSTAL SERVICE MAIL CARRIERS.	4743	Mail Carriers, Post Office.
33-7007	POSTAL SERVICE MAIL SORTERS, PROCESSORS, AND PROCESSING MACHINE OPERATORS.	4723	Mail Preparing and Handling Machine Operators.
33-7008	PRODUCTION, PLANNING, AND EXPEDITING CLERKS.	*4742 4752	Postal Clerks, Except Mail Carriers. Production and Planning Clerks.
33-7011	SHIPPING, RECEIVING, AND TRAFFIC CLERKS.	*4758 787 *4753	Expeditors. PRODUCTION EXPEDITERS. Traffic, Shipping, and Receiving Clerks.
33-7012	STOCK CLERKS AND ORDER FILLERS.	4754	Stock and Inventory Clerks.
33-7013	WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING.	4756	Weighers, Measurers, and Checkers.
33-8000 SECRETARIES AND ADMINISTRATIVE ASSISTANTS:		4757	Samplers.
33-8001	EXECUTIVE SECRETARIES AND ADMINISTRATIVE ASSISTANTS.	*4622	Secretaries.
33-8002	SECRETARIES, LEGAL	*4622	Secretaries.
33-8003	SECRETARIES, MEDICAL	*4622	Secretaries.
33-8099	SECRETARIES, ALL OTHER (EXCEPT LEGAL, MEDICAL, AND EXECUTIVE).	*4622	Secretaries.
33-9000 OTHER OFFICE WORKERS:			
33-9001	COMPUTER OPERATORS	4612	Computer Operators.
33-9002	COURIERS AND MESSENGERS	4613	Peripheral Equipment Operators.
33-9003	MAIL CLERKS AND MAIL MACHINE OPERATORS, EXCEPT POSTAL SERVICE.	4745 4744	Messengers. Mail Clerks, Except Post Office.
33-9004	OFFICE CLERKS, GENERAL	463	GENERAL OFFICE OCCUPATIONS.
33-9005	OFFICE MACHINE OPERATORS, EXCEPT COMPUTER.	*4729	Office Machine Operators, Not Elsewhere Classified.
33-9006	PROOFREADERS AND COPY MARKERS.	4792	Proof Readers.
33-9007	STATISTICAL ASSISTANTS	4794	Statistical Clerks.
33-9999	OFFICE AND ADMINISTRATION WORKERS, ALL OTHER.	*4729	Office Machine Operators, Not Elsewhere Classified.
		4733 4759	Telegraphers. Material Recording, Scheduling, and Distributing Clerks, Not Elsewhere Classified.
		4799	Administrative Support Occupations, including Clerical, Not Elsewhere Classified.
35-0000 PROTECTIVE OCCUPATIONS			
35-1000 SUPERVISORS, PROTECTIVE SERVICES:			
35-1001	FIRST-LINE SUPERVISORS/MANAGERS OF FIRE FIGHTING AND PREVENTION WORKERS.	5111	Supervisors; Firefighting and Fire Prevention Occupations.
35-1010 FIRST-LINE LAW ENFORCEMENT SUPERVISORS/MANAGERS:			
35-1011	FIRST-LINE SUPERVISORS/MANAGERS OF CORRECTIONAL OFFICERS.	*5113	Supervisors; Guards.
35-1012	FIRST-LINE SUPERVISORS/MANAGERS OF POLICE AND DETECTIVES.	5112	Supervisors; Police and Detectives.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
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TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
35-1099	PROTECTIVE SERVICE SUPERVISORS, ALL OTHER.	*5113	Supervisors; Guards.
35-2000 FIREFIGHTING WORKERS:			
35-2001	FIRE FIGHTERS	5123	Firefighting Occupations.
35-2010 FIRE INSPECTORS:			
35-2011	FIRE INSPECTORS AND INVESTIGATORS.	*5122	Fire Inspection and Fire Prevention Occupations.
35-2012	FOREST FIRE INSPECTORS AND PREVENTION SPECIALISTS.	*5122	Fire Inspection and Fire Prevention Occupations.
35-3000 LAW ENFORCEMENT WORKERS:			
35-3001	CORRECTIONAL OFFICERS AND JAILERS.	5133	Correctional Institution Officers.
35-3002	DETECTIVES AND CRIMINAL INVESTIGATORS.	*5132	Police and Detectives, Public Service.
35-3010 POLICE OFFICERS:			
35-3011	POLICE AND SHERIFF'S PATROL OFFICERS.	*5132	Police and Detectives, Public Service.
35-3012	TRANSIT AND RAILROAD POLICE	*5149	Sheriffs, Bailiffs, and Other Law Enforcement Officers.
35-3020 OTHER LAW ENFORCEMENT WORKERS:			
35-3021	BAILIFFS	*5149	Protective Service Occupations, Not Elsewhere Classified.
35-3022	FISH AND GAME WARDENS	*5134	Sheriffs, Bailiffs, and Other Law Enforcement Officers.
35-3023	UNITED STATES MARSHALS	*5134	Sheriffs, Bailiffs, and Other Law Enforcement Officers.
35-4000 OTHER PROTECTIVE SERVICE WORKERS:			
35-4001	ANIMAL CONTROL WORKERS	*5149	Sheriffs, Bailiffs, and Other Law Enforcement Officers.
35-4002	CROSSING GUARDS	5142	Protective Service Occupations, Not Elsewhere Classified.
35-4003	LIFEGUARDS, SKI PATROL, AND OTHER RECREATIONAL PROTECTIVE SERVICE WORKERS..	*5149	Crossing Guards.
35-4004	PARKING ENFORCEMENT WORKERS.	*5134	Protective Service Occupations, Not Elsewhere Classified.
35-4005	PRIVATE DETECTIVES AND INVESTIGATORS.	*5144	Sheriffs, Bailiffs, and Other Law Enforcement Officers.
35-4006	SECURITY GUARDS	*5144	Guards and Police, Except Public Service.
35-4999	PROTECTIVE SERVICE WORKERS, ALL OTHER.	*5149	Guards and Police, Except Public Service.
			Protective Service Occupations, Not Elsewhere Classified.
37-0000 FOOD PREPARATION AND SERVING OCCUPATIONS			
37-1000 SUPERVISORS, FOOD PREPARATION AND FOOD SERVING:			
37-1001	FIRST-LINE SUPERVISORS/MANAGERS OF FOOD PREPARATION AND SERVING WORKERS.	*5211	Supervisors; Food and Beverage Preparation and Service Occupations.
37-1002	CHEFS AND HEAD COOKS	*5211	Supervisors; Food and Beverage Preparation and Service Occupations.
37-2000 COOKS AND FOOD PREPARATION WORKERS:			
37-2010 COOKS:			
37-2011	COOKS, FAST FOOD	*5215	Short-order Cooks.
37-2012	COOKS, INSTITUTION AND CATERIA.	*5214	Cooks, Except Short Order.
37-2013	COOKS, PRIVATE HOUSEHOLD	504	COOKS, PRIVATE HOUSEHOLD.
37-2014	COOKS, RESTAURANT	*5214	Cooks, Except Short Order.
37-2015	COOKS, SHORT ORDER	*5215	Short-order Cooks.
37-2021	FOOD PREPARATION WORKERS	5217	Kitchen Workers, Food Preparation.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
37-3000 FOOD AND BEVERAGE SERVING WORKERS:			
37-3001	BARTENDERS	5212	Bartenders.
37-3002	DINING ROOM AND CAFETERIA ATTENDANTS AND BARTENDER HELPERS.	5218	Waiters/Waitresses' Assistants.
37-3010 FAST FOOD AND COUNTER WORKERS:			
37-3011	COMBINED FOOD PREPARATION AND SERVING WORKERS, INCLUDING FAST FOOD.	*5216	Food Counter, Fountain and Related Occupations.
37-3012	COUNTER ATTENDANTS, CAFETERIA, FOOD CONCESSION, AND COFFEE SHOP.	*5216	Food Counter, Fountain and Related Occupations.
37-3021	FOOD SERVERS, NON-RESTAURANT.	*5213	Waiters and Waitresses.
37-3022	WAITERS AND WAITRESSES	*5213	Waiters and Waitresses.
37-4000 OTHER FOOD SERVICE WORKERS:			
37-4001	DISHWASHERS	*5219	Miscellaneous Food and Beverage Preparation Occupations.
37-4002	HOSTS AND HOSTESSES, RESTAURANT, LOUNGE, AND COFFEE SHOP.	*5219	Miscellaneous Food and Beverage Preparation Occupations.
37-4999	FOOD PREPARATION AND SERVING WORKERS, ALL OTHER.	*5219	Miscellaneous Food and Beverage Preparation Occupations.
39-0000 BUILDINGS AND GROUNDS MAINTENANCE OCCUPATIONS			
39-1000 SUPERVISORS, BUILDINGS AND GROUNDS MAINTENANCE:			
39-1001	FIRST-LINE SUPERVISORS/MANAGERS OF HOUSEKEEPING AND JANITORIAL WORKERS.	5241	Supervisors; Cleaning and Building Service Workers.
39-1002	FIRST-LINE SUPERVISORS/MANAGERS OF LANDSCAPING, LAWN SERVICE, AND GROUNDSKEEPING WORKERS.	*5621	Supervisors; Related Agricultural Workers.
39-2000 CLEANING AND PEST CONTROL WORKERS:			
39-2001	JANITORS AND CLEANERS, EXCEPT MAIDS AND HOUSEKEEPING CLEANERS.	5244	Janitors and Cleaners.
39-2002	MAIDS AND HOUSEKEEPING CLEANERS.	502	DAY WORKERS.
		505	HOUSEKEEPERS AND BUTLERS.
		507	PRIVATE HOUSEHOLD CLEANERS AND SERVANTS.
		5242	Maids and Housemen.
39-2003	PEST CONTROL WORKERS AND ASSISTANTS.	5246	Pest Control Occupations.
39-2099	BUILDING CLEANING WORKERS, ALL OTHER.	5249	Cleaning and Building Service Occupations, Not Elsewhere Classified.
39-3000 GROUNDS MAINTENANCE WORKERS:			
39-3001	LANDSCAPING AND GROUNDSKEEPING LABORERS.	*5622	Groundskeepers and Gardeners, Except Farm.
39-3002	PESTICIDE HANDLERS, SPRAYERS, AND APPLICATORS, VEGETATION.	*5622	Groundskeepers and Gardeners, Except Farm.
39-3003	TREE TRIMMERS AND PRUNERS	*5622	Groundskeepers and Gardeners, Except Farm.
39-3099	GROUNDS MAINTENANCE WORKERS, ALL OTHER.	*56	OTHER AGRICULTURAL AND RELATED OCCUPATIONS.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued
TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
41-0000 PERSONAL CARE AND SERVICE OCCUPATIONS			
41-1000 SUPERVISORS, PERSONAL CARE AND SERVICE:			
41-1001	FIRST-LINE SUPERVISORS/MANAGERS OF GAMING WORKERS.	*5251	Supervisors; Personal Service Occupations.
41-1002	FIRST-LINE SUPERVISORS/MANAGERS OF PERSONAL SERVICE WORKERS.	*5251	Supervisors; Personal Service Occupations.
41-2000 ENTERTAINMENT ATTENDANTS AND RELATED WORKERS:			
41-2001	AMUSEMENT AND RECREATION ATTENDANTS.	*5254	Attendants, Amusement and Recreation Facilities.
41-2002	COSTUME ATTENDANTS	*5258	Wardrobe and Dressing Room Attendants.
41-2010 GAMING WORKERS:			
41-2011	GAMES OF CHANCE ATTENDANTS.	*5254	Attendants, Amusement and Recreation Facilities.
41-2012	GAMING DEALERS	*5254	Attendants, Amusement and Recreation Facilities.
41-2013	MUTUEL CASHIERS AND GAMES OF CHANCE WRITERS.	*5254	Attendants, Amusement and Recreation Facilities.
41-2021	USHERS, LOBBY ATTENDANTS, AND TICKET TAKERS.	5256	Ushers.
41-3000 HAIRSTYLISTS AND RELATED WORKERS:			
41-3001	BARBERS	5252	Barbers.
41-3002	HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS.	*5253	Hairdressers and Cosmetologists.
41-3003	MAKEUP ARTISTS, THEATRICAL AND PERFORMANCE.	*5253	Hairdressers and Cosmetologists.
41-3004	MANICURISTS	*5253	Hairdressers and Cosmetologists.
41-3005	SHAMPOOERS	*5253	Hairdressers and Cosmetologists.
41-4000 TRANSPORTATION, TOURISM, AND LODGING ATTENDANTS:			
41-4001	BAGGAGE PORTERS AND BELLHOPS.	5262	Baggage Porters and Bellhops.
41-4002	CONCIERGES	*5269	Personal Service Occupations, Not Elsewhere Classified.
41-4003	FLIGHT ATTENDANTS	*5257	Public Transportation Attendants.
41-4004	TRANSPORTATION ATTENDANTS, EXCEPT FLIGHT ATTENDANTS AND BAGGAGE PORTERS.	*5257	Public Transportation Attendants.
41-4005	TOUR GUIDES AND ESCORTS	*5255	Guides.
41-4006	TRAVEL GUIDES	*5255	Guides.
41-5000 OTHER PERSONAL CARE AND SERVICE WORKERS:			
41-5001	CHILD CARE WORKERS	506	CHILD CARE WORKERS, PRIVATE HOUSEHOLD.
		5264	Child Care Workers, Except Private Household.
41-5002	FUNERAL ATTENDANTS	*5269	Personal Service Occupations, Not Elsewhere Classified.
41-5003	LOCKER ROOM, COATROOM, AND DRESSING ROOM ATTENDANTS.	*5258	Wardrobe and Dressing Room Attendants.
41-5004	MASSEUSES/MASSEURS	*5269	Personal Service Occupations, Not Elsewhere Classified.
41-5005	MORTICIANS AND EMBALMERS ...	*399	TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
41-5006	PERSONAL AND HOME CARE AIDES.	*5269	Personal Service Occupations, Not Elsewhere Classified.
41-5007	RESIDENTIAL ADVISORS	*24	VOCATIONAL AND EDUCATIONAL COUNSELORS.
41-5999	PERSONAL CARE AND SERVICE WORKERS, ALL OTHER.	503	LAUNDERERS AND IRONERS.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
		509	PRIVATE HOUSEHOLD OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
		*5269	Personal Service Occupations, Not Elsewhere Classified.
43-0000 FARMING, FISHING, AND FORESTRY OCCUPATIONS			
43-1000 SUPERVISORS, FARMING, FISHING, AND FORESTRY:			
43-1001	FIRST-LINE SUPERVISORS/MANAGERS OF FARMING, FORESTRY, AND RELATED WORKERS.	5611	Supervisors; Farm Workers.
		*5621	Supervisors; Related Agricultural Workers.
		571	SUPERVISORS; FORESTRY AND LOGGING WORKERS:
43-2000 ANIMAL SERVICE WORKERS:			
43-2001	ANIMAL TRAINERS	*5624	Animal Caretakers, Except Farm.
43-2002	VETERINARY ASSISTANTS AND NONFARM ANIMAL CARETAKERS.	*369	HEALTH TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
43-2099	ANIMAL SERVICE WORKERS, ALL OTHER.	*5624	Animal Caretakers, Except Farm.
		562	RELATED AGRICULTURAL OCCUPATIONS.
43-3000 CROP AND LIVESTOCK PRODUCTION WORKERS:			
43-3001	ANIMAL BREEDERS	*382	BIOLOGICAL TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH.
43-3002	GRADERS AND SORTERS, AGRICULTURAL PRODUCTS.	5625	Graders and Sorters; Agricultural Products.
43-3003	FARM LABOR CONTRACTORS	5612	General Farm Workers.
		*5613	Field Crop and Vegetable Farm Workers (Hand).
43-3010 FARMWORKERS:			
43-3011	AGRICULTURAL EQUIPMENT OPERATORS.	5616	Farm Machinery Operators.
43-3012	FARMWORKERS AND LABORERS, CROP, NURSERY, AND GREENHOUSE.	*5613	Field Crop and Vegetable Farm Workers (Hand).
43-3013	FARMWORKERS, FARM AND RANCH ANIMALS.	5619	Nursery Workers.
43-3099	AGRICULTURAL PRODUCTION WORKERS, ALL OTHER.	5617	Livestock Workers.
		*56	OTHER AGRICULTURAL AND RELATED OCCUPATIONS.
43-4000 FISHING AND HUNTING WORKERS:			
43-4001	FISHERS AND RELATED FISHING WORKERS.	5618	Marine Life Cultivation Workers.
43-4002	HUNTERS AND TRAPPERS	583	FISHERS.
		584	HUNTERS AND TRAPPERS.
43-5000 LOGGING, FOREST, AND CONSERVATION WORKERS:			
43-5001	FOREST AND CONSERVATION WORKERS.	572	FORESTRY WORKERS, EXCEPT LOGGING.
43-5010 LOGGING WORKERS:			
43-5011	FALLERS	573	TIMBER CUTTING AND RELATED OCCUPATIONS.
43-5012	LOG GRADERS AND SCALERS	785	GRADERS AND SORTERS, EXCEPT AGRICULTURAL.
43-5019	LOGGING WORKERS, ALL OTHER	*579	LOGGING OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
43-5999	FARMING, FISHING, AND FORESTRY WORKERS, ALL OTHER.	5615	Irrigation Workers.
		5627	Inspectors; Agricultural Products.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
		*579	LOGGING OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
45-0000 CONSTRUCTION AND EXTRACTIVE OCCUPATIONS			
45-1000 SUPERVISORS, CONSTRUCTION AND EXTRACTIVE: 43-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.	6311	Supervisors; Overall Construction.
		6312	Supervisors; Brickmasons, Stonemasons, and Hard Tile Setters.
		6313	Supervisors; Carpenters and Related Workers.
		6314	Supervisors; Electricians and Power Transmission Installers.
		6315	Supervisors; Painters, Paperhangers, and Plasterers.
		6316	Supervisors; Plumbers and Pipefitters and Steamfitters.
		6318	Supervisors; Other Construction Trades.
		632	SUPERVISORS; EXTRACTIVE OCCUPATIONS.
45-2000 CONSTRUCTION TRADES AND RELATED WORKERS: 45-2001	BOILERMAKERS	6814	Boilermakers.
45-2010 BRICKMASONS, BLOCKMASONS, AND STONEMASONS: 45-2011	BRICKMASONS AND BLOCKMASONS.	6412	Brickmasons.
45-2012	STONEMASONS	6413	Stonemasons.
45-2021	CARPENTERS	6422	Carpenters.
45-2022	CARPET INSTALLERS	*6462	Carpet and Soft Tile Installers.
45-2030 CONCRETE FINISHERS, CEMENT MASONS, AND TERRAZZO WORKERS: 45-2031	CONCRETE FINISHERS AND CEMENT MASONS.	*6463	Concrete and Terrazzo Finishers.
45-2032	TERRAZZO WORKERS AND FINISHERS.	*6463	Concrete and Terrazzo Finishers.
45-2041	CONSTRUCTION EQUIPMENT OPERATORS.	6466	Paving, Surfacing, and Tamping Equipment Operators.
		6476	Pile Driving Operators.
		8312	Operating Engineers.
		8317	Grader, Dozer, and Scraper Operators.
45-2042	CONSTRUCTION LABORERS	*6475	Air Hammer Operators.
		871	CONSTRUCTION LABORERS.
45-2050 DRYWALL INSTALLERS, CEILING TILE INSTALLERS, AND TAPERS: 45-2051	DRYWALL AND CEILING TILE INSTALLERS.	*6424	Drywall Installers.
45-2052	TAPERS	*6424	Drywall Installers.
45-2061	ELECTRICIANS	*6432	Electricians.
45-2062	SECURITY AND FIRE ALARM SYSTEMS INSTALLERS.	*6432	Electricians.
45-2063	ELEVATOR INSTALLERS AND REPAIRERS.	6176	Elevator Installers and Repairers.
45-2064	FENCE ERECTORS	*6479	Construction Trades, Not Elsewhere Classified.
45-2070 FLOOR AND TILE INSTALLERS: 45-2071	FLOOR LAYERS, EXCEPT CARPET, WOOD, AND HARD TILES.	*6462	Carpet and Soft Tile Installers.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
45-2072	TILE AND MARBLE SETTERS	6414	Tile Setters, Hard.
45-2081	FLOOR SANDERS AND FINISHERS	*6479	Construction Trades, Not Elsewhere Classified.
45-2082	GLAZIERS	6464	Glaziers.
45-2083	HAZARDOUS MATERIALS RE- MOVAL WORKERS.	*6479	Construction Trades, Not Elsewhere Classified.
45-2084	HIGHWAY MAINTENANCE WORK- ERS.	*6479	Construction Trades, Not Elsewhere Classified.
45-2090 INSULATION WORKERS:			
45-2091	INSULATION WORKERS, FLOOR, CEILING, AND WALL.	*6465	Insulation Workers.
45-2092	INSULATION WORKERS, ME- CHANICAL.	*6465	Insulation Workers.
45-2101	PAINTERS, CONSTRUCTION AND MAINTENANCE.	6442	Painters (Construction and Maintenance).
45-2102	PAPERHANGERS	6443	Paperhangers.
45-2110 PIPELAYERS, PLUMB- ERS, PIPEFITTERS, AND STEAM- FITTERS:			
45-2111	PIPELAYERS	*6479	Construction Trades, Not Elsewhere Classified.
45-2112	PLUMBERS, PIPEFITTERS, AND STEAMFITTERS.	645	PLUMBERS, PIPEFITTERS AND STEAMFITTERS.
45-2121	PLASTERERS AND STUCCO MA- SONS.	6444	Plasterers.
45-2122	RAIL-TRACK LAYING AND MAIN- TENANCE EQUIPMENT OPERA- TORS.	6467	Rail and Track Laying Equipment Operators.
45-2123	REINFORCING IRON AND REBAR WORKERS.	*6473	Structural Metal Workers.
45-2124	ROOFERS	6468	Roofers.
45-2125	SEPTIC TANK SERVICERS AND SEWER PIPE CLEANERS.	*6479	Construction Trades, Not Elsewhere Classified.
45-2126	SHEET METAL WORKERS	6472	Sheetmetal Duct Installers.
45-2127	STRUCTURAL IRON AND STEEL WORKERS.	6824	Sheet Metal Workers.
45-2127	STRUCTURAL IRON AND STEEL WORKERS.	*6473	Structural Metal Workers.
45-2130 HELPERS, CONSTRU- TION TRADES:			
45-2131	HELPERS—BRICKMASONS, BLOCKMASONS, STONEMASONS, AND TILE AND MARBLE SETTERS.	8641	Helpers; Brickmasons, Stonemasons, and Hard Tile Set- ters.
45-2132	HELPERS—CARPENTERS	8642	Helpers; Carpenters and Related Workers.
45-2133	HELPERS—ELECTRICIANS	8643	Helpers; Electricians and Power Transmission Installers.
45-2134	HELPERS—PAINTERS, PAPER- HANGERS, PLASTERERS, AND STUCCO MASONS.	8644	Helpers; Painters, Paperhangers, and Plasterers.
45-2135	HELPERS—PIPELAYERS, PLUMB- ERS, PIPEFITTERS, AND STEAMFITTERS.	8645	Helpers; Plumbers, Pipefitters and Steamfitters.
45-2136	HELPERS—ROOFERS	*8648	Helpers; Other Construction Trades.
45-2139	HELPERS—CONSTRUCTION TRADES WORKERS, ALL OTHER.	8646	Helpers; Surveyor's.
45-2199	CONSTRUCTION TRADES WORK- ERS, ALL OTHER.	*8648	Helpers; Other Construction Trades.
45-2199	CONSTRUCTION TRADES WORK- ERS, ALL OTHER.	*6479	Construction Trades, Not Elsewhere Classified.
45-3000 EXTRACTIVE WORKERS:			
45-3010 DERRICK, ROTARY DRILL, AND SERVICE UNIT OPER- ATORS, OIL AND GAS:			
45-3011	DERRICK OPERATORS, OIL AND GAS.	*652	DRILLERS, OIL WELL.
45-3012	ROTARY DRILL OPERATORS, OIL AND GAS.	*652	DRILLERS, OIL WELL.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
45-3013	SERVICE UNIT OPERATORS, OIL, GAS, AND MINING.	*656	EXTRACTIVE OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
45-3021	EARTH DRILLERS, EXCEPT OIL AND GAS.	6474	Drillers, Earth.
45-3022	EXPLOSIVES WORKERS, ORDNANCE HANDLING EXPERTS, AND BLASTERS.	653	EXPLOSIVE WORKERS.
45-3030 MINING MACHINE OPERATORS:			
45-3031	CONTINUOUS MINING MACHINE OPERATORS.	*654	MINING MACHINE OPERATORS.
45-3032	MINE CUTTING AND CHANNELING MACHINE OPERATORS.	*654	MINING MACHINE OPERATORS.
45-3039	MINING MACHINE OPERATORS, ALL OTHER.	*654	MINING MACHINE OPERATORS.
45-3041	ROCK SPLITTERS, QUARRY	*6475	Air Hammer Operators.
45-3042	ROOF BOLTERS, MINING	*656	EXTRACTIVE OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
45-3043	ROUSTABOUTS, OIL AND GAS	*656	EXTRACTIVE OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.
45-3044	HELPERS—EXTRACTIVE WORKERS.	865	HELPERS; EXTRACTIVE OCCUPATIONS.
45-3099	EXTRACTIVE WORKERS, EXCEPT HELPERS, ALL OTHER.	*654	MINING MACHINE OPERATORS.
47-0000 INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS			
47-1000 SUPERVISORS OF MECHANICS, INSTALLERS, AND REPAIRERS:			
47-1001	FIRST-LINE SUPERVISORS/MANAGERS OF MECHANICS, INSTALLERS, AND REPAIRERS.	60	SUPERVISORS; MECHANICS AND REPAIRERS.
47-2000 ELECTRICAL AND ELECTRONIC EQUIPMENT MECHANICS, INSTALLERS, AND REPAIRERS:			
47-2001	COMPUTER, AUTOMATED TELLER, AND OFFICE MACHINE REPAIRERS.	6154	Data Processing Equipment Repairers.
47-2002	RADIO MECHANICS	6174	Office Machine Repairers.
47-2003	TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND REPAIRERS.	*6151	Communications Equipment Repairers.
47-2010 OTHER ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS:			
47-2011	AVIONICS TECHNICIANS	*6151	Communications Equipment Repairers.
47-2012	ELECTRIC MOTOR, POWER TOOL, AND RELATED REPAIRERS.	6158	Telephone Installers and Repairers.
47-2013	ELECTRICAL AND ELECTRONICS INSTALLERS AND REPAIRERS, TRANSPORTATION EQUIPMENT.	*6159	Miscellaneous Electrical and Electronic Equipment Repairers.
47-2014	ELECTRICAL AND ELECTRONICS REPAIRERS, COMMERCIAL AND INDUSTRIAL EQUIPMENT.	6152	Electric Motor, Transformer, and Related Repairers.
47-2015	ELECTRONIC HOME ENTERTAINMENT EQUIPMENT REPAIRERS.	*6159	Miscellaneous Electrical and Electronic Equipment Repairers.
47-3000 VEHICLE AND MOBILE EQUIPMENT MECHANICS, INSTALLERS, AND REPAIRERS:			
47-3001	AIRCRAFT MECHANICS AND SERVICE TECHNICIANS.	*6153	Electrical and Electronic Repairers, Commercial and Industrial Equipment.
		6155	Electronic Repairers, Home-entertainment Equipment.
		6113	Aircraft Engine Mechanics.
		6116	Aircraft Mechanics (Except Engine Specialists).

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TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
47-3002	AUTOMOTIVE BODY AND RELATED REPAIRERS.	*6115	Automotive Body and Related Repairers.
47-3003	AUTOMOTIVE GLASS INSTALLERS AND REPAIRERS.	*6115	Automotive Body and Related Repairers.
47-3004	AUTOMOTIVE MECHANICS AND SERVICE TECHNICIANS.	6111	Automobile Mechanics.
47-3005	BICYCLE REPAIRERS	*6179	Mechanics and Repairers, Not Elsewhere Classified.
47-3006	BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS.	6112	Bus and Truck Engine, and Diesel Engine Mechanics.
47-3007	FARM EQUIPMENT MECHANICS ...	6118	Farm Equipment Mechanics.
47-3008	MOBILE HEAVY EQUIPMENT MECHANICS, EXCEPT ENGINES.	*6117	Heavy Equipment Mechanics.
47-3011	MOTORCYCLE MECHANICS	*6114	Small Engine Repairers.
47-3012	RAIL CAR REPAIRERS	*6117	Heavy Equipment Mechanics.
47-3013	RECREATIONAL VEHICLE SERVICE TECHNICIANS.	*6179	Mechanics and Repairers, Not Elsewhere Classified.
47-3014	SMALL ENGINE REPAIRERS	*6114	Small Engine Repairers.
47-4000 OTHER MECHANICS, INSTALLERS, AND REPAIRERS:			
47-4001	CAMERA AND PHOTOGRAPHIC EQUIPMENT REPAIRERS.	*6171	Camera, Watch, and Other Precision Instrument Repairers.
47-4002	COIN, VENDING, AND AMUSEMENT MACHINE SERVICERS AND REPAIRERS.	*6179	Mechanics and Repairers, Not Elsewhere Classified.
47-4003	CONTROL AND VALVE INSTALLERS AND REPAIRERS.	*6175	Mechanical Controls and Valve Repairers.
47-4004	ELECTRICAL POWER-LINE INSTALLERS AND REPAIRERS.	*6153	Electrical and Electronic Repairers, Commercial and Industrial Equipment.
		*6159	Miscellaneous Electrical and Electronic Equipment Repairers.
		6433	Electrical Power Installers and Repairers.
47-4005	FABRIC MENDERS, EXCEPT GARMENT.	*6179	Mechanics and Repairers, Not Elsewhere Classified.
47-4006	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS.	616	HEATING, AIR-CONDITIONING, AND REFRIGERATION MECHANICS.
47-4007	HOME APPLIANCE REPAIRERS	6156	Household Appliance and Power Tool Repairers.
47-4008	INDUSTRIAL MACHINERY MECHANICS.	613	INDUSTRIAL MACHINERY REPAIRERS.
47-4011	LOCKSMITHS AND SAFE REPAIRERS.	6173	Locksmiths and Safe Repairers.
47-4012	MAINTENANCE AND REPAIR WORKERS, GENERAL.	*6179	Mechanics and Repairers, Not Elsewhere Classified.
47-4013	MAINTENANCE WORKERS, MACHINERY.	614	MACHINERY MAINTENANCE OCCUPATIONS.
47-4014	MANUFACTURED BUILDING AND MOBILE HOME INSTALLERS.	*6179	Mechanics and Repairers, Not Elsewhere Classified.
47-4015	MECHANICAL DOOR REPAIRERS	*6175	Mechanical Controls and Valve Repairers.
47-4016	MEDICAL EQUIPMENT REPAIRERS.	*6171	Camera, Watch, and Other Precision Instrument Repairers.
47-4017	MILLWRIGHTS	6178	Millwrights.
47-4018	MUSICAL INSTRUMENT REPAIRERS AND TUNERS.	6172	Musical Instrument Repairers and Tuners.
47-4021	PRECISION INSTRUMENT REPAIRERS.	*6171	Camera, Watch, and Other Precision Instrument Repairers.
47-4022	REFRACTORY MATERIALS REPAIRERS, EXCEPT BRICKMASONS.	*6179	Mechanics and Repairers, Not Elsewhere Classified.
47-4023	RIGGERS	6177	Riggers.
47-4024	SIGNAL AND TRACK SWITCH REPAIRERS.	*6151	Communications Equipment Repairers.
47-4025	TELECOMMUNICATIONS LINE INSTALLERS AND REPAIRERS.	6157	Telephone Line Installers and Repairers.

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TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
47-4026	TIRE REPAIRERS AND CHANGERS.	*6179	Mechanics and Repairers, Not Elsewhere Classified.
47-4027	WATCH REPAIRERS	*6171	Camera, Watch, and Other Precision Instrument Repairers.
47-4028	HELPERS—INSTALLATION, MAINTENANCE, AND REPAIR WORKERS.	8632	Helpers; Vehicle and Mobile Equipment Mechanics and Repairers.
		8633	Helpers; Industrial Machinery Repairers.
		8635	Helpers; Electrical and Electronic Equipment Repairers.
		8637	Helpers; Miscellaneous Mechanics and Repairers.
47-4999	INSTALLATION, MAINTENANCE, AND REPAIR WORKERS, ALL OTHER.	*6179	Mechanics and Repairers, Not Elsewhere Classified.
49-0000 PRODUCTION OCCUPATIONS			
49-1000 SUPERVISORS, PRODUCTION AND OPERATING:			
49-1001	FIRST-LINE SUPERVISORS/MANAGERS OF PRODUCTION AND OPERATING WORKERS.	67	SUPERVISORS; PRECISION PRODUCTION OCCUPATIONS.
		71	SUPERVISORS; PRODUCTION OCCUPATIONS.
49-2000 ASSEMBLERS AND FABRICATORS:			
49-2001	AIRCRAFT STRUCTURE, SURFACES, RIGGING, AND SYSTEMS ASSEMBLERS.	*6812	Precision Assemblers (Metal).
49-2002	COIL WINDERS, TAPERS, AND FINISHERS.	*772	ASSEMBLERS.
49-2010 ELECTRICAL, ELECTRONICS, AND ELECTROMECHANICAL ASSEMBLERS:			
49-2011	ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS.	*6867	Precision Electrical and Electronic Equipment Assemblers.
		*772	ASSEMBLERS.
49-2012	ELECTROMECHANICAL EQUIPMENT ASSEMBLERS.	*6812	Precision Assemblers (Metal).
		*6867	Precision Electrical and Electronic Equipment Assemblers.
49-2021	ENGINE AND OTHER MACHINE ASSEMBLERS.	*6812	Precision Assemblers (Metal).
		*772	ASSEMBLERS.
49-2022	FIBERGLASS LAMINATORS AND FABRICATORS.	*7667	Compressing and Compacting Machine Operators and Tenders.
		*772	ASSEMBLERS.
49-2023	TEAM ASSEMBLERS	*772	ASSEMBLERS.
49-2024	TIMING DEVICE ASSEMBLERS, ADJUSTERS, AND CALIBRATORS.	6882	Precision Adjusters and Calibrators.
		*772	ASSEMBLERS.
49-2099	ASSEMBLERS AND FABRICATORS, ALL OTHER.	774	FABRICATORS, NOT ELSEWHERE CLASSIFIED.
49-3000 FOOD PROCESSING WORKERS:			
49-3001	BAKERS	6872	Bakers.
49-3010 BUTCHERS AND OTHER MEAT, POULTRY, AND FISH PROCESSING OCCUPATIONS			
49-3011	BUTCHERS AND MEAT CUTTERS.	*6871	Butchers and Meat Cutters.
49-3012	MEAT, POULTRY, AND FISH CUTTERS AND TRIMMERS.	*7753	Hand Cutting And Trimming Occupations.
49-3013	SLAUGHTERERS AND MEAT PACKERS.	*6871	Butchers and Meat Cutters.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
49-3021	FOOD AND TOBACCO ROASTING, BAKING, AND DRYING MACHINE OPERATORS AND TENDERS.	7472	Roasting and Baking Machine Setup Operators.
		7672	Roasting and Baking Machine Operators and Tenders.
49-3022	FOOD BATCHMAKERS	6873	Batchmakers (Candymakers, Cheesemakers, Etc.).
49-3023	FOOD COOKING MACHINE OPERATORS AND TENDERS.	*7679	Miscellaneous Machine Operators and Tenders, Not Elsewhere Classified.
49-4000 METALWORKING AND PLASTIC-WORKING WORKERS:			
49-4001	COMPUTER-CONTROLLED MACHINE TOOL OPERATORS, METAL AND PLASTIC.	7326	Numerical Control Machine Setup Operators.
49-4002	CUTTING, PUNCHING, AND PRESS MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7314	Punching and Shearing Machine Setup Operators.
		7317	Press and Brake Machine Setup Operators.
		7514	Punching and Shearing Machine Operators and Tenders.
		7517	Press and Brake Machine Operators and Tenders.
49-4003	DRILLING AND BORING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7318	Drilling and Boring Machine Setup Operators.
		7518	Drilling and Boring Machine Operators and Tenders.
49-4004	EXTRUDING AND DRAWING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7315	Extruding and Drawing Machine Setup Operators.
		7515	Extruding and Drawing Machine Operators and Tenders.
49-4005	FORGING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7319	Forging Machine Setup Operators.
		7519	Forging Machine Operators and Tenders.
49-4006	GRINDING, LAPPING, POLISHING, AND BUFFING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7322	Grinding, Abrading, Buffing, and Polishing Machine Setup Operators.
		7324	Lapping and Honing Machine Setup Operators.
49-4007	HEAT TREATING EQUIPMENT SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7344	Heating Equipment Setup Operators.
		*7544	Heating Equipment Operators and Tenders.
49-4008	LATHE AND TURNING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7312	Lathe and Turning Machine Setup Operators.
		7512	Lathe and Turning Machine Operators and Tenders.
49-4011	LAY-OUT WORKERS, METAL AND PLASTIC.	6821	Lay-out Workers.
49-4012	MACHINISTS	6813	Machinists.
49-4013	METAL-REFINING FURNACE OPERATORS AND TENDERS.	*7544	Heating Equipment Operators and Tenders.
49-4014	MILLING AND PLANING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7313	Milling and Planing Machine Setup Operators.
		7513	Milling and Planing Machine Operators and Tenders.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
49-4020 MODEL MAKERS AND PATTERNMAKERS, METAL AND PLASTIC:			
49-4021	MODEL MAKERS, METAL AND PLASTIC.	*6862	Precision Patternmakers, Lay-out Workers and Cutters.
		*6817	Patternmakers and Model Makers (Metal).
49-4022	PATTERNMAKERS, METAL AND PLASTIC.	*6862	Precision Patternmakers, Lay-out Workers and Cutters.
		*6817	Patternmakers and Model Makers (Metal).
49-4031	MOLDERS, SHAPERS, AND COREMAKERS.	6861	Precision Hand Molders and Shapers (Except Jewelers).
49-4032	MOLDING, COREMAKING, AND CASTING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7342	Molding and Casting Machine Setup Operators.
		7542	Molding and Casting Machine Operators and Tenders
49-4033	MULTIPLE MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	*7329	Miscellaneous Metalworking and Plastic Working Machine Setup Operators.
49-4034	NUMERICAL TOOL AND PROCESS CONTROL PROGRAMMERS.	3974	Programmers, Numerical, Tool and Process Control.
49-4035	PLATING AND COATING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7343	Plating and Coating Machine Setup Operators.
		7543	Plating and Coating Machine Operators and Tenders.
49-4036	POURERS AND CASTERS, METAL	*7754	Hand Molding And Casting Occupations.
49-4037	ROLLING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.	7316	Rolling Machine Setup Operators.
		7516	Rolling Machine Operators and Tenders.
49-4038	STRUCTURAL METAL FABRICATORS AND FITTERS.	*6812	Precision Assemblers (Metal)
		*7339	Miscellaneous Fabricating Machine Setup Operators.
49-4041	TOOL AND DIE MAKERS	6811	Tool and Die Makers.
49-4042	TOOL GRINDERS, FILERS, AND SHARPENERS.	6816	Precision Grinders, Filers, and Tool Sharpeners.
49-4050 WELDING, SOLDERING, AND BRAZING WORKERS:			
49-4051	WELDERS, CUTTERS, SOLDERERS, AND BRAZERS.	7714	Welders And Cutters.
		7717	Solderers And Brazers.
49-4052	WELDING, SOLDERING, AND BRAZING MACHINE SETTERS, OPERATORS, AND TENDERS.	7332	Welding Machine Setup Operators.
		7333	Soldering and Brazing Machine Setup Operators.
		7532	Welding Machine Operators and Tenders.
		7533	Soldering and Brazing Machine Operators and Tenders.
49-4099	MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC, ALL OTHER.	*7329	Miscellaneous Metalworking and Plastic Working Machine Setup Operators.
		*7549	Miscellaneous Metal and Plastic Processing Machine Operators and Tenders.
		*7529	Miscellaneous Metalworking and Plastic Working Machine Operators and Tenders.
		*7539	Miscellaneous Fabricating Machine Operators and Tenders.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
		*7339	Miscellaneous Fabricating Machine Setup Operators.
		*7349	Miscellaneous Metal and Plastic Processing Machine Setup Operators.
49-5000 PRINTING WORKERS:			
49-5001	BINDERY WORKERS	*7449	Miscellaneous Printing Machine Setup Operators.
		*7649	Printing Machine Operators and Tenders, Not Elsewhere Classified.
49-5002	BOOKBINDERS	6844	Bookbinders.
49-5003	DESKTOP PUBLISHING SPECIALISTS.	*6849	Miscellaneous Precision Printing Occupations.
49-5004	JOB PRINTERS	*6849	Miscellaneous Precision Printing Occupations.
49-5005	PREPRESS TECHNICIANS AND WORKERS.	6842	Precision Lithographers and Photoengravers.
		*6849	Miscellaneous Precision Printing Occupations.
		7444	Photoengraving and Lithographing Machine Setup Operators.
		7642	Typesetting and Composing Machine Operators and Tenders.
		7644	Photoengraving and Lithographing Machine Operators and Tenders.
49-5006	PRINTING MACHINE OPERATORS	6841	Precision Typesetters.
		7443	Printing Press Setup Operators.
		*7449	Miscellaneous Printing Machine Setup Operators.
		7643	Printing Machine Operators and Tenders.
		*7649	Printing Machine Operators and Tenders, Not Elsewhere Classified.
49-6000 TEXTILE, APPAREL, AND FURNISHINGS WORKERS:			
49-6001	EXTRUDING AND FORMING MACHINE SETTERS, OPERATORS, AND TENDERS, SYNTHETIC AND GLASS FIBERS.	7663	Extruding and Forming Machine Operators and Tenders.
49-6002	FABRIC AND APPAREL PATTERNMAKERS.	6856	Apparel and Fabric Patternmakers.
49-6003	LAUNDRY AND DRY-CLEANING WORKERS.	*6855	Precision Laundering, Cleaning, and Dyeing Occupations.
		7658	Laundering and Dry Cleaning Machine Operators and Tenders.
49-6004	PRESSERS, TEXTILE, GARMENT, AND RELATED MATERIALS.	*6855	Precision Laundering, Cleaning, and Dyeing Occupations.
		7657	Pressing Machine Operators.
49-6005	SEWING MACHINE OPERATORS ..	7655	Textile Sewing Machine Operators and Tenders.
49-6006	SHOE AND LEATHER WORKERS AND REPAIRERS.	6854	Shoemakers and Leather Workers and Repairers.
49-6007	SHOE MACHINE OPERATORS AND TENDERS.	7656	Shoe Machine Operators and Tenders.
49-6010 TAILORS, DRESS-MAKERS, AND SEWERS:			
49-6011	SEWERS, HAND	7752	Hand Sewing Occupations.
49-6012	TAILORS, DRESSMAKERS, AND CUSTOM SEWERS.	6852	Tailors and Dressmakers, Hand.
49-6021	TEXTILE BLEACHING AND DYEING MACHINE OPERATORS AND TENDERS.	*7659	Miscellaneous Textile Machine Operators and Tenders.
49-6022	TEXTILE CUTTING MACHINE SETTERS, OPERATORS, AND TENDERS.	7654	Textile Cutting Machine Operators and Tenders.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
49-6023	TEXTILE KNITTING AND WEAVING MACHINE SETTERS, OPERATORS, AND TENDERS.	7652	Knitting and Weaving Machine Operators and Tenders.
49-6024	TEXTILE WINDING, TWISTING, AND DRAWING OUT MACHINE SETTERS, OPERATORS, AND TENDERS.	7451	Winding and Twisting Machine Setup Operators.
		7452	Knitting and Weaving Machine Setup Operators.
		*7459	Textile Machine Setup Operators, Not Elsewhere Classified
		7651	Winding and Twisting Machine Operators and Tenders.
49-6025	UPHOLSTERERS	6853	Upholsterers.
49-6099	TEXTILE, APPAREL, AND FURNISHINGS WORKERS, ALL OTHER.	6859	Miscellaneous Precision Apparel and Fabric Workers.
		*7459	Textile Machine Setup Operators, Not Elsewhere Classified.
		*7659	Miscellaneous Textile Machine Operators and Tenders.
49-7000 WOODWORKERS:			
49-7001	CABINETMAKERS AND BENCH CARPENTERS.	6832	Cabinet Makers and Bench Carpenters.
49-7002	FURNITURE FINISHERS	6835	Furniture Finishers.
49-7010 MODEL MAKERS AND PATTERNMAKERS, WOOD:			
49-7011	MODEL MAKERS, WOOD	*6831	Patternmakers and Model Makers, Wood.
49-7012	PATTERNMAKERS, WOOD	*6831	Patternmakers and Model Makers, Wood.
49-7021	SAWING MACHINE SETTERS, OPERATORS, AND TENDERS, WOOD.	7433	Sawing Machine Setup Operators.
		7633	Sawing Machine Operators and Tenders.
49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.	7431	Lathe and Turning Machine Setup Operators.
		7432	Router and Planer Machine Setup Operators.
		7434	Sanding Machine Setup Operators.
		7435	Shaping and Joining Machine Setup Operators.
		7439	Miscellaneous Woodworking Machine Setup Operators.
		7631	Lathe and Turning Machine Operators and Tenders.
		7632	Router and Planer Machine Operators and Tenders.
		7634	Sanding Machine Operators and Tenders.
		7635	Shaping and Joining Machine Operators and Tenders.
		7636	Nailing and Tacking Machine Operators and Tenders.
		*7639	Miscellaneous Woodworking Machine Operators and Tenders.
49-7099	WOODWORKERS, ALL OTHER	6839	Miscellaneous Precision Woodworkers.
49-8000 PLANT AND SYSTEM OPERATORS:			
49-8001	CHEMICAL PLANT AND SYSTEM OPERATORS.	694	CHEMICAL PLANT OPERATORS.
49-8002	GAS PLANT OPERATORS	692	GAS PLANT OPERATORS.
49-8003	PETROLEUM PUMP SYSTEM OPERATORS, REFINERY OPERATORS, AND GAUGERS.	695	PETROLEUM PLANT OPERATORS.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
49-8010	POWER PLANT OPERATORS, DISTRIBUTORS, AND DISPATCHERS:		
49-8011	NUCLEAR POWER REACTOR OPERATORS.	*6932	Power Plant and Systems Operators, except Stationary Engineers.
49-8012	POWER DISTRIBUTORS AND DISPATCHERS.	*6932	Power Plant and Systems Operators, except Stationary Engineers.
49-8013	POWER PLANT OPERATORS	*6932	Power Plant and Systems Operators, except Stationary Engineers.
49-8021	STATIONARY ENGINEERS AND BOILER OPERATORS.	6931	Stationary Engineers.
		7668	Boiler Operators and Tenders (Low Pressure).
49-8022	WATER AND LIQUID WASTE TREATMENT PLANT AND SYSTEM OPERATORS.	691	WATER AND SEWAGE TREATMENT PLANT OPERATORS.
49-8099	PLANT AND SYSTEM OPERATORS, ALL OTHER.	696	MISCELLANEOUS PLANT OR SYSTEM OPERATORS.
49-9000	MISCELLANEOUS PRODUCTION OCCUPATIONS:		
49-9001	CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS.	7661	Cementing and Gluing Machine Operators and Tenders.
49-9002	CHEMICAL EQUIPMENT OPERATORS AND TENDERS.	*7666	Separating and Filtering Machine Operators and Tenders.
		*7676	Still, Clarifier and Precipitator Operators and Tenders.
49-9003	CLEANING, WASHING, AND METAL PICKLING EQUIPMENT OPERATORS AND TENDERS.	7673	Washing, Cleaning and Pickling Equipment Operators and Tenders.
49-9004	COATING, PAINTING, AND SPRAYING MACHINE SETTERS, OPERATORS, AND TENDERS.	*7669	Coating, Painting, and Spraying Machine Operators and Tenders.
49-9005	COOLING AND FREEZING EQUIPMENT OPERATORS AND TENDERS.	7665	Cooling and Freezing Equipment Operators and Tenders.
49-9006	CRUSHING, GRINDING, AND POLISHING MACHINE SETTERS, OPERATORS, AND TENDERS.	7477	Crushing, Grinding and Polishing Machine Setup Operators.
		7522	Grinding, Abrading, Buffing and Polishing Machine Operators and Tenders.
		7677	Crushing, Grinding and Polishing Machine Operators and Tenders.
49-9007	CUTTERS AND TRIMMERS, HAND	*7753	Hand Cutting And Trimming Occupations.
49-9008	CUTTING AND SLICING MACHINE SETTERS, OPERATORS, AND TENDERS.	7478	Slicing and Cutting Machine Setup Operators.
		7678	Slicing and Cutting Machine Operators and Tenders.
49-9011	DENTAL LABORATORY TECHNICIANS.	6865	Dental Laboratory Technicians.
49-9012	ETCHERS AND ENGRAVERS	7757	Hand Engraving And Printing Occupations.
		6823	Engravers.
49-9013	EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE SETTERS, OPERATORS, AND TENDERS.	7463	Extruding and Forming Machine Setup Operators.
		7467	Compressing and Compacting Machine Setup Operators.
		*7667	Compressing and Compacting Machine Operators and Tenders.
49-9014	FURNACE, KILN, OVEN, DRIER, AND KETTLE OPERATORS AND TENDERS.	7675	Furnace, Kiln, and Oven Operators and Tenders.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
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TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
49-9015	GRINDING AND POLISHING WORKERS, HAND.	7758	Hand Grinding And Polishing Occupations.
49-9016	INSPECTORS, TESTERS, SORTERS, SAMPLERS, AND WEIGHERS.	6881	Precision Inspectors, Testers, and Graders.
		782	PRODUCTION INSPECTORS, CHECKERS AND EXAMINERS.
		783	PRODUCTION TESTERS.
49-9017	JEWELERS AND PRECIOUS STONE AND METAL WORKERS.	6822	Precision Hand Molders and Shapers (Jewelers).
		6866	Gem and Diamond Working Occupations.
49-9018	MEDICAL APPLIANCE TECHNICIANS.	*6869	Miscellaneous Precision Workers, Not Elsewhere Classified.
49-9021	MIXING AND BLENDING MACHINE SETTERS, OPERATORS, AND TENDERS.	7664	Mixing and Blending Machine Operators and Tenders.
49-9022	MOLDERS AND CASTERS, EXCEPT METAL AND PLASTIC.	*7754	Hand Molding And Casting Occupations.
49-9023	OPHTHALMIC LABORATORY TECHNICIANS.	6864	Optical Goods Workers
49-9024	PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS.	7462	Packaging and Filling Machine Setup Operators.
		7662	Packaging and Filling Machine Operators and Tenders.
49-9025	PAINTERS, TRANSPORTATION EQUIPMENT.	*7669	Coating, Painting, and Spraying Machine Operators and Tenders.
49-9026	PAINTING, COATING, AND DECORATING WORKERS.	6863	Detail Design Painters and Decorators.
		7756	Hand Painting, Coating And Decorating Occupations.
49-9027	PAPER GOODS MACHINE SETTERS, OPERATORS, AND TENDERS.	7474	Folding Machine Setup Operators.
		7674	Folding Machine Operators and Tenders.
49-9030 PHOTOGRAPHIC PROCESS WORKERS AND PROCESSING MACHINE OPERATORS:			
49-9031	PHOTOGRAPHIC PROCESS WORKERS.	6868	Photographic Process Workers.
49-9032	PHOTOGRAPHIC PROCESSING MACHINE OPERATORS.	7671	Photographic Processing Machine Operators.
49-9041	SEMICONDUCTOR PROCESSORS	*772	ASSEMBLERS.
49-9042	SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE SETTERS, OPERATORS, AND TENDERS.	7476	Still, Clarifying, and Precipitating Machine Setup Operators.
		*7666	Separating and Filtering Machine Operators and Tenders.
		*7676	Still, Clarifier and Precipitator Operators and Tenders.
49-9043	TIRE BUILDING MACHINE OPERATORS.	*7679	Miscellaneous Machine Operators and Tenders, Not Elsewhere Classified.
49-9044	HELPERS—PRODUCTION OCCUPATIONS.	8611	Helpers; Metalworking and Plastic Working Machine Operators and Tenders.
		8614	Helpers; Metal and Plastic Processing Machine Operators and Tenders.
		8615	Helpers; Woodworking Machine Operators and Tenders.
		8616	Helpers; Printing Machine Operators and Tenders.
		8617	Helpers; Textile, Apparel and Furnishings Machine Operators and Tenders.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
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TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
49-9999	PRODUCTION WORKERS, ALL OTHER.	8618	Helpers; Machine Operators and Tenders, Assorted Materials.
		8619	Helpers; Precision Production Occupations and Setup Operators
		862	HELPERS; FABRICATORS AND INSPECTORS.
		6879	Miscellaneous Precision Food Workers.
		*7349	Miscellaneous Metal and Plastic Processing Machine Setup Operators.
		*7529	Miscellaneous Metalworking and Plastic Working Machine Operators and Tenders.
		*7539	Miscellaneous Fabricating Machine Operators and Tenders.
		*7549	Miscellaneous Metal and Plastic Processing Machine Operators and Tenders.
		*7639	Miscellaneous Woodworking Machine Operators and Tenders.
		7755	Hand Forming and Shaping Occupations.
		6829	Miscellaneous Precision Metal Workers.
		*7679	Miscellaneous Machine Operators and Tenders, Not Elsewhere Classified.
		7759	Miscellaneous Hand Working Occupations.
		*7639	Miscellaneous Woodworking Machine Operators and Tenders.
		*7479	Miscellaneous Machine Setup Operators.
		*6869	Miscellaneous Precision Workers, Not Elsewhere Classified.

51-0000 TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS

51-1000 SUPERVISORS, TRANSPORTATION AND MATERIAL MOVING:			
51-1001	AIRCRAFT CARGO HANDLING SUPERVISORS.		
51-1002	FIRST-LINE SUPERVISORS/MANAGERS OF HELPERS, LABORERS, AND MATERIAL MOVERS, HAND.	85	SUPERVISORS; HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS.
51-1003	FIRST-LINE SUPERVISORS/MANAGERS OF TRANSPORTATION AND MATERIAL-MOVING MACHINE AND VEHICLE OPERATORS.	8111	Supervisors; Motor Vehicle Operators.
51-2000 AIR TRANSPORTATION WORKERS:			
51-2010 AIRCRAFT PILOTS AND FLIGHT ENGINEERS:			
51-2011	AIRLINE PILOTS, COPILOTS, AND FLIGHT ENGINEERS.	*825	AIRPLANE PILOTS AND NAVIGATORS.
51-2012	COMMERCIAL PILOTS	*825	AIRPLANE PILOTS AND NAVIGATORS.
51-2020 AIR TRAFFIC CONTROLLERS AND AIRFIELD OPERATIONS SPECIALISTS:			
51-2021	AIR TRAFFIC CONTROLLERS	*392	AIR TRAFFIC CONTROLLERS.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
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TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
51-2022	AIRFIELD OPERATIONS SPECIALISTS.	*392	AIR TRAFFIC CONTROLLERS.
51-3000 MOTOR VEHICLE OPERATORS:			
51-3001	AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY MEDICAL TECHNICIANS.	*5233	Health Aides, Except Nursing.
51-3010 BUS DRIVERS:			
51-3011	BUS DRIVERS, TRANSIT AND INTERCITY.	*8215	Bus Drivers.
51-3012	BUS DRIVERS, SCHOOL	*8215	Bus Drivers.
51-3021	DRIVER/SALES WORKERS	8218	Driver-Sales Workers.
51-3022	TAXI DRIVERS AND CHAUFFEURS	8216	Taxicab Drivers and Chauffeurs.
51-3030 TRUCK DRIVERS:			
51-3031	TRUCK DRIVERS, HEAVY AND TRACTOR-TRAILER.	8212	Truck Drivers, Tractor-trailer.
		8213	Truck Drivers, Heavy.
51-3032	TRUCK DRIVERS, LIGHT/DELIVERY SERVICES.	8214	Truck Drivers, Light (Including Delivery and Route Drivers).
51-3099	MOTOR VEHICLE OPERATORS, ALL OTHER.	*8219	Other Motor Transportation Occupations, Not Elsewhere Classified.
51-4000 RAIL TRANSPORTATION WORKERS:			
51-4010 LOCOMOTIVE ENGINEERS AND OPERATORS:			
51-4011	LOCOMOTIVE ENGINEERS	*8232	Locomotive Operating Occupations.
51-4012	LOCOMOTIVE FIRERS	*8232	Locomotive Operating Occupations.
51-4013	RAIL YARD ENGINEERS, DINKEY OPERATORS, AND HOSTLERS.	*8232	Locomotive Operating Occupations.
51-4021	RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS.	8233	Railroad Brake, Signal, and Switch Operators.
51-4022	RAILROAD CONDUCTORS AND YARDMASTERS.	8113	Railroad Conductors and Yardmasters.
51-4023	SUBWAY AND STREETCAR OPERATORS.	*8232	Locomotive Operating Occupations.
51-4099	RAIL TRANSPORTATION WORKERS, ALL OTHER.	*8239	Rail Vehicle Operators, Not Elsewhere Classified.
51-5000 WATER TRANSPORTATION WORKERS:			
51-5001	BRIDGE AND LOCK TENDERS	8245	Bridge, Lock, and Lighthouse Tenders.
51-5002	SAILORS AND MARINE OILERS	8243	Sailors and Deckhands.
51-5010 SHIP AND BOAT CAPTAINS AND OPERATORS:			
51-5011	CAPTAINS, MATES, AND PILOTS OF WATER VESSELS.	8241	Ship Captains and Mates.
51-5012	MOTORBOAT OPERATORS	*8242	Boat and Barge Operators.
51-5021	SHIP ENGINEERS	*8242	Boat and Barge Operators.
51-5021	SHIP ENGINEERS	8244	Marine Engineers.
51-6000 OTHER TRANSPORTATION WORKERS:			
51-6001	CLEANERS OF VEHICLES AND EQUIPMENT.	875	VEHICLE WASHERS AND EQUIPMENT CLEANERS.
51-6002	PARKING LOT ATTENDANTS	874	PARKING LOT ATTENDANTS.
51-6003	SERVICE STATION ATTENDANTS	873	GARAGE AND SERVICE STATION RELATED OCCUPATIONS.
51-6004	TRAFFIC TECHNICIANS	*399	TECHNICIANS, NOT ELSEWHERE CLASSIFIED.
51-6005	TRANSPORTATION INSPECTORS	828	TRANSPORTATION INSPECTORS.
51-6099	TRANSPORTATION WORKERS, ALL OTHER.	*8219	Other Motor Transportation Occupations, Not Elsewhere Classified.
		*8239	Rail Vehicle Operators, Not Elsewhere Classified.
51-7000 MATERIAL MOVING WORKERS:			
51-7001	CONVEYOR OPERATORS AND TENDERS.	*8319	Miscellaneous Material-Moving Equipment Operators.
		8726	Freight, Stock, and Material Movers, Not Elsewhere Classified.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
51-7002	CRANE AND TOWER OPERATORS	8315	Crane and Tower Operators.
51-7003	ELEVATOR OPERATORS	5245	Elevator Operators.
51-7010 EXCAVATING, DREDGE, AND LOADING MACHINE OPERA- TORS:			
51-7011	DREDGE OPERATORS	*8316	Excavating and Loading Machine Operators.
51-7012	EXCAVATING AND LOADING MA- CHINE AND DRAGLINE OPERA- TORS.	*8316	Excavating and Loading Machine Operators.
51-7013	LOADING MACHINE OPERATORS, UNDERGROUND MINING.	*8316	Excavating and Loading Machine Operators.
51-7021	HOIST AND WINCH OPERATORS ..	8314	Hoist and Winch Operators.
		*8319	Miscellaneous Material Moving Equipment Operators.
51-7022	INDUSTRIAL TRUCK AND TRAC- TOR OPERATORS.	8318	Industrial Truck and Tractor Equip- ment Operators.
51-7023	MACHINE FEEDERS AND OFFBEARERS.	8725	Machine Feeders and Offbearers.
51-7024	PACKERS AND PACKAGERS, HAND.	8761	Hand Packers and Packers.
51-7030 PUMPING STATION OP- ERATORS:			
51-7031	GAS COMPRESSOR AND GAS PUMPING STATION OPERA- TORS.	*8319	Miscellaneous Material Moving Equipment Operators.
51-7032	PUMP OPERATORS, EXCEPT WELLHEAD PUMPERS.	*8319	Miscellaneous Material Moving Equipment Operators.
51-7033	WELLHEAD PUMPERS	*8319	Miscellaneous Material Moving Equipment Operators.
51-7041	REFUSE AND RECYCLABLE MA- TERIAL COLLECTORS.	8722	Garbage Collectors.
51-7042	SHUTTLE CAR OPERATORS	*8319	Miscellaneous Material Moving Equipment Operators.
51-7043	TANK CAR AND TRUCK LOADERS	*8319	Miscellaneous Material Moving Equipment Operators.
51-7044	LABORERS AND FREIGHT, STOCK, AND MATERIAL MOV- ERS, HAND.	8723	Stevedores.
		8724	Stock Handlers and Baggers.
		8769	Manual Occupations, Not Elsewhere Classified.
51-7099	MATERIAL-MOVING WORKERS, ALL OTHER.	*8219	Other Motor Transportation Occupa- tions, Not Elsewhere Classified.
		8313	Longshore Equipment Operators.
		*8319	Miscellaneous Material Moving Equipment Operators.

53-0000 MILITARY OCCUPATIONS

53-1000 MILITARY OFFICER SPE- CIAL AND TACTICAL OPERA- TIONS LEADERS/MANAGERS:			
53-1001	AIR CREW OFFICERS	*91	MILITARY OCCUPATIONS.
53-1002	AIRCRAFT LAUNCH AND RECOV- ERY OFFICERS.	*91	MILITARY OCCUPATIONS.
53-1003	ARMORED ASSAULT VEHICLE OF- FICERS.	*91	MILITARY OCCUPATIONS.
53-1004	ARTILLERY AND MISSILE OFFI- CERS.	*91	MILITARY OCCUPATIONS.
53-1005	COMMAND AND CONTROL CEN- TER OFFICERS.	*91	MILITARY OCCUPATIONS.
53-1006	INFANTRY OFFICERS	*91	MILITARY OCCUPATIONS.
53-1007	SPECIAL FORCES OFFICERS	*91	MILITARY OCCUPATIONS.
53-1099	MILITARY OFFICER SPECIAL AND TACTICAL OPERATIONS LEAD- ERS/MANAGERS, ALL OTHER.	*91	MILITARY OCCUPATIONS.

1997 STANDARD OCCUPATIONAL CLASSIFICATION STRUCTURE, INCLUDING ITS RELATIONSHIP TO THE 1980 SOC—
Continued

TABLE 1.—PROPOSED 1997 SOC MATCHED TO 1980 SOC

1997 SOC	Title	1980 SOC	Title
53-2000 FIRST-LINE ENLISTED MILITARY OPERATIONS AND WEAPONS SUPERVISORS/MANAGERS:			
53-2001	FIRST-LINE SUPERVISORS/MANAGERS OF AIR CREW MEMBERS.	*91	MILITARY OCCUPATIONS.
53-2002	FIRST-LINE SUPERVISORS/MANAGERS OF WEAPONS SPECIALISTS/CREW MEMBERS.	*91	MILITARY OCCUPATIONS.
53-2003	FIRST-LINE SUPERVISORS/MANAGERS OF ALL OTHER TACTICAL OPERATIONS SPECIALISTS.	*91	MILITARY OCCUPATIONS.
53-3000 MILITARY ENLISTED TACTICAL OPERATIONS AND AIR/WEAPONS SPECIALISTS AND CREW MEMBERS:			
53-3001	AIR CREW MEMBERS	*91	MILITARY OCCUPATIONS.
53-3002	AIRCRAFT LAUNCH AND RECOVERY SPECIALISTS.	*91	MILITARY OCCUPATIONS.
53-3003	ARMORED ASSAULT VEHICLE CREW MEMBERS.	*91	MILITARY OCCUPATIONS.
53-3004	ARTILLERY AND MISSILE CREW MEMBERS.	*91	MILITARY OCCUPATIONS.
53-3005	COMMAND AND CONTROL CENTER SPECIALISTS.	*91	MILITARY OCCUPATIONS.
53-3006	INFANTRY	*91	MILITARY OCCUPATIONS.
53-3007	RADAR AND SONAR TECHNICIANS.	*91	MILITARY OCCUPATIONS.
53-3008	SPECIAL FORCES	*91	MILITARY OCCUPATIONS.
53-3099	MILITARY ENLISTED TACTICAL OPERATIONS AND AIR/WEAPONS SPECIALISTS AND CREW MEMBERS, ALL OTHER.	*91	MILITARY OCCUPATIONS.

* 1980 SOC occupations marked with an * link to more than one 1997 SOC occupation.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC

1980 SOC	Title	1997 SOC	Title
11 OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION:	Executive, Administrative and Managerial Occupations:		
111	LEGISLATORS	11-1003	LEGISLATORS.
112	CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS.	11-1001	CHIEF EXECUTIVES.
113 OFFICIALS AND ADMINISTRATORS, GOVERNMENT AGENCIES:			
1131	Judicial, Public Safety and Corrections Administrators.	*11-1002	GENERAL AND OPERATIONS MANAGERS.
1132	Human Resources Program Administrators.	11-3048	SOCIAL AND COMMUNITY SERVICE MANAGERS.
1133	Natural Resources Program Administrators.	*11-1002	GENERAL AND OPERATIONS MANAGERS.
1134	Rural, Urban, and Community Development Program Administrators.	*11-1002	GENERAL AND OPERATIONS MANAGERS.
1135	Public Finance, Taxation, and Other Monetary Program Administrators.	*11-2012	TREASURERS, CONTROLLERS, AND CHIEF FINANCIAL OFFICERS.
1139	Officials and Administrators, Public Administration, Not Elsewhere Classified.	*11-3999	MANAGERS AND ADMINISTRATORS, ALL OTHER.
12-13 OFFICIALS AND ADMINISTRATORS, OTHER:			
121	GENERAL MANAGERS AND OTHER TOP EXECUTIVES.	*11-1002	GENERAL AND OPERATIONS MANAGERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
122	FINANCIAL MANAGERS	11-2011	FINANCIAL MANAGERS, BRANCH, OFFICE, AND DEPARTMENT.
		*11-2012	TREASURERS, CONTROLLERS, AND CHIEF FINANCIAL OFFICERS.
123	PERSONNEL AND LABOR RELATIONS MANAGERS.	11-2021	COMPENSATION AND BENEFITS MANAGERS.
		11-2022	TRAINING AND DEVELOPMENT MANAGERS.
124	PURCHASING MANAGERS	11-2052	PURCHASING MANAGERS.
125	MANAGERS; MARKETING, ADVERTISING, AND PUBLIC RELATIONS.	11-2002	ADVERTISING AND PROMOTIONS MANAGERS.
		11-2041	MARKETING MANAGERS.
		11-2042	SALES MANAGERS.
		11-2051	PUBLIC RELATIONS MANAGERS.
126	MANAGERS; ENGINEERING, MATHEMATICS, AND NATURAL SCIENCES.	11-2003	COMPUTER AND INFORMATION SYSTEMS MANAGERS.
		11-3041	ENGINEERING MANAGERS.
		*11-3045	NATURAL SCIENCES MANAGERS.
127	MANAGERS; SOCIAL SCIENCES AND RELATED FIELDS.	*11-3045	NATURAL SCIENCES MANAGERS.
128	ADMINISTRATORS; EDUCATION AND RELATED FIELDS.	*11-3045	NATURAL SCIENCES MANAGERS.
1281	Administrators; Colleges and Universities	11-3033	EDUCATION ADMINISTRATORS, POSTSECONDARY.
1282	Administrators; Elementary and Secondary Education.	11-3032	EDUCATION ADMINISTRATORS, ELEMENTARY AND SECONDARY SCHOOL.
1283	Administrators; Education and Related Fields, Not Elsewhere Classified.	11-3031	EDUCATION ADMINISTRATORS, PRE-SCHOOL AND CHILD CARE CENTER/PROGRAM.
		11-3039	EDUCATION ADMINISTRATORS, ALL OTHER.
131	MANAGERS; MEDICINE AND HEALTH	11-3044	MEDICAL AND HEALTH SERVICES MANAGERS.
132	PRODUCTION MANAGERS, INDUSTRIAL.	11-2031	INDUSTRIAL PRODUCTION MANAGERS.
133	CONSTRUCTION MANAGERS	11-3021	CONSTRUCTION MANAGERS.
134	PUBLIC UTILITIES MANAGERS:		
1341	Communications Operations Managers		
1342	Transportation Facilities and Operations Managers.	11-2053	TRANSPORTATION, STORAGE, AND DISTRIBUTION MANAGERS.
1343	Electricity, Gas, Water Supply, and Sanitary Services Managers		
1344	Postmasters and Mail Superintendents ...	11-3046	POSTMASTERS AND MAIL SUPERINTENDENTS.
135	MANAGERS; SERVICE ORGANIZATIONS:		
1351	Managers; Food Serving and Lodging Establishments.	11-3042	FOOD SERVICE MANAGERS.
		11-3043	LODGING MANAGERS.
1352	Managers; Entertainment and Recreation Facilities.	*11-1002	GENERAL AND OPERATIONS MANAGERS.
1353	Managers; Property and Leasing	11-3047	PROPERTY, REAL ESTATE, AND COMMUNITY ASSOCIATION MANAGERS.
1354	Managers; Membership Organizations	*11-1002	GENERAL AND OPERATIONS MANAGERS.
1359	Managers; Service Organizations, Not Elsewhere Classified.	*11-3999	MANAGERS AND ADMINISTRATORS, ALL OTHER.
136	MANAGERS; MINING, QUARRYING, WELL DRILLING, AND SIMILAR OPERATIONS:		
137	MANAGERS; ADMINISTRATIVE SERVICES.	11-2001	ADMINISTRATIVE SERVICES MANAGERS.
139	OFFICIALS AND ADMINISTRATORS; OTHER, NOT ELSEWHERE CLASSIFIED.	*11-3999	MANAGERS AND ADMINISTRATORS, ALL OTHER.
		13-1005	FUNERAL DIRECTORS.
14	MANAGEMENT RELATED OCCUPATIONS:		

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
141 ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS:			
1412	Accountants and Auditors	13-2001	ACCOUNTANTS AND AUDITORS.
1414	Underwriters	13-2021	INSURANCE UNDERWRITERS.
1415	Loan Officers	13-2031	LOAN COUNSELORS.
		13-2032	LOAN OFFICERS.
1419	Other Financial Officers	13-2011	FINANCIAL ANALYSTS.
		13-2012	PERSONAL FINANCIAL ADVISORS.
142	MANAGEMENT ANALYSTS	13-1022	MANAGEMENT ANALYSTS.
143	PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS.	13-1011	EMPLOYMENT, RECRUITMENT, AND PLACEMENT SPECIALISTS.
		13-1012	COMPENSATION, BENEFITS, AND JOB ANALYSIS SPECIALISTS.
		13-1013	TRAINING AND DEVELOPMENT SPECIALISTS.
		13-1019	HUMAN RESOURCES AND LABOR RELATIONS SPECIALISTS, ALL OTHER.
144 PURCHASING AGENTS AND BUYERS:			
1442	Buyers, Wholesale and Retail Trade, except Farm Products.	*13-1002	BUYERS AND PURCHASING AGENTS.
1443	Purchasing Agents and Buyers, Farm Products.	*13-1002	BUYERS AND PURCHASING AGENTS.
1449	Purchasing Agents and Buyers, Not Elsewhere Classified.	*13-1002	BUYERS AND PURCHASING AGENTS.
145	BUSINESS AND PROMOTION AGENTS	13-1001	AGENTS AND BUSINESS MANAGERS OF ARTISTS, PERFORMERS, AND ATHLETES.
147 INSPECTORS AND COMPLIANCE OFFICERS:			
1472	Construction Inspectors	25-1011	CONSTRUCTION AND BUILDING INSPECTORS.
1473	Inspectors and Compliance Officers, except Construction.	25-1012	FINANCIAL EXAMINERS.
		25-1013	SAFETY AND HEALTH INSPECTORS AND COMPLIANCE OFFICERS, EXCEPT CONSTRUCTION.
		25-1014	TAX EXAMINERS, COLLECTORS, AND REVENUE AGENTS.
		25-1019	COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, ALL OTHER.
149	MANAGEMENT RELATED OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.	13-1003	COST ESTIMATORS.
		13-1023	MEETING AND CONVENTION PLANNERS.
		13-1099	BUSINESS OPERATIONS SPECIALISTS, ALL OTHER.
		13-2003	BUDGET ANALYSTS.
		13-2004	CREDIT ANALYSTS.
		13-2099	FINANCIAL SPECIALISTS, ALL OTHER.
	Engineers, Surveyors and Architects.		
16 ENGINEERS, SURVEYORS AND ARCHITECTS:			
161	ARCHITECTS	17-1001	ARCHITECTS, EXCEPT LANDSCAPE AND NAVAL.
162-3	ENGINEERS:		
1622	Aerospace Engineers	17-2001	AEROSPACE ENGINEERS.
1623	Metallurgical and Materials Engineers ..	17-2042	MATERIALS ENGINEERS.
1624	Mining Engineers	17-2044	MINING AND GEOLOGICAL ENGINEERS, INCLUDING MINE SAFETY ENGINEERS.
1625	Petroleum Engineers	17-2046	PETROLEUM ENGINEERS.
1626	Chemical Engineers	17-2004	CHEMICAL ENGINEERS.
1627	Nuclear Engineers	17-2045	NUCLEAR ENGINEERS.
1628	Civil Engineers	17-2005	CIVIL ENGINEERS.
		17-2021	ENVIRONMENTAL ENGINEERS.
1632	Agricultural Engineers	17-2002	AGRICULTURAL ENGINEERS.
1633	Electrical and Electronic Engineers	17-2011	ELECTRICAL ENGINEERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
		17-2012	ELECTRONICS ENGINEERS, EXCEPT COMPUTER.
1634	Industrial Engineers	17-2032	INDUSTRIAL ENGINEERS.
1635	Mechanical Engineers	17-2043	MECHANICAL ENGINEERS.
1636	Computer Engineers	15-1012	COMPUTER SOFTWARE ENGINEERS, OPERATING SYSTEMS.
		17-2006	COMPUTER HARDWARE ENGINEERS.
1637	Marine Engineers and Naval Architects	17-2041	MARINE ENGINEERS AND NAVAL ARCHITECTS.
		17-2003	BIOMEDICAL ENGINEERS.
1639	Engineers, Not Elsewhere Classified ...	17-2031	HEALTH AND SAFETY ENGINEERS, EXCEPT MINING SAFETY ENGINEERS AND INSPECTORS.
		17-2099	ENGINEERS, ALL OTHER.
164 SURVEYORS AND MAPPING SCIENTISTS:			
1643	Land Surveyors	*17-1012	SURVEYORS.
1644	Cartographers	17-1011	CARTOGRAPHERS AND PHOTOGRAMMETRISTS.
1649	Surveyors and Mapping Scientists, Not Elsewhere Classified.	*17-1012	SURVEYORS.
	Natural Scientists and Mathematicians		
17 COMPUTER, MATHEMATICAL, AND OPERATIONS RESEARCH OCCUPATIONS:			
171	COMPUTER SCIENTISTS:		
1712	Computer Systems Analysts	15-1031	NETWORK SYSTEMS AND DATA COMMUNICATIONS ANALYSTS.
		15-1032	SYSTEMS ANALYSTS, SCIENCE AND ENGINEERING.
		15-1039	SYSTEMS ANALYSTS, ALL OTHER.
1719	Computer Scientists, Not Elsewhere Classified.	15-1001	COMPUTER AND INFORMATION SCIENTISTS, RESEARCH.
		15-1011	COMPUTER SOFTWARE APPLICATIONS ENGINEERS.
		15-1021	COMPUTER SUPPORT SPECIALISTS.
		15-1022	DATABASE ADMINISTRATORS.
		15-1023	NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS.
		15-1099	COMPUTER SPECIALISTS, ALL OTHER.
172 OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS:			
1721	Operations Researchers and Analysts	13-1021	LOGISTICIANS.
1722	Systems Researchers and Analysts, Except Computer.	15-2003	OPERATIONS RESEARCHERS AND ANALYSTS.
173 MATHEMATICAL SCIENTISTS:			
1732	Actuaries	15-2001	ACTUARIES.
1733	Statisticians	15-2004	STATISTICIANS.
1739	Mathematical Scientists, Not Elsewhere Classified.	15-2002	MATHEMATICIANS.
18 NATURAL SCIENTISTS:			
184 PHYSICAL SCIENTISTS:			
1842	Astronomers	19-2001	ASTRONOMERS.
1843	Physicists	19-2022	PHYSICISTS.
1845	Chemists, Except Biochemists	19-2003	CHEMISTS.
1846	Atmospheric and Space Scientists	19-2002	ATMOSPHERIC AND SPACE SCIENTISTS.
1847	Geologists	19-2011	GEOLOGISTS, EXCEPT HYDROLOGISTS AND GEOGRAPHERS.
		19-2012	HYDROLOGISTS.
1849	Physical Scientists, Not Elsewhere Classified.	19-2004	ENVIRONMENTAL SCIENTISTS.
		19-2021	MATERIALS SCIENTISTS.
		19-2099	PHYSICAL SCIENTISTS, ALL OTHER.
		19-3003	GEOGRAPHERS.
185 LIFE SCIENTISTS		19-1099	LIFE SCIENTISTS, ALL OTHER.
1852	Forestry and Conservation Scientists	19-1031	CONSERVATION SCIENTISTS.
		19-1032	FORESTERS.
1853	Agricultural and Food Scientists	19-1011	ANIMAL SCIENTISTS.
		19-1012	FOOD SCIENTISTS AND TECHNOLOGISTS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
1854	Biological Scientists	19-1013 19-1021 19-1022 19-1023	SOIL AND PLANT SCIENTISTS. BIOCHEMISTS AND BIOPHYSICISTS. MICROBIOLOGISTS. ZOOLOGISTS AND WILDLIFE BIOLOGISTS.
1855	Medical Scientists	19-1029	BIOLOGISTS, ALL OTHER.
	Social Scientists, Social Workers, Religious Workers, and Lawyers.	19-1041	MEDICAL SCIENTISTS.
19 SOCIAL SCIENTISTS AND URBAN PLANNERS:			
191 SOCIAL SCIENTISTS:			
1912	Economists	19-3002 19-3011 19-3012	ECONOMISTS. MARKET RESEARCH ANALYSTS. SURVEY RESEARCHERS.
1913	Historians	19-3004	HISTORIANS.
1914	Political Scientists	19-3021	POLITICAL SCIENTISTS.
1915	Psychologists	19-3031	CLINICAL, COUNSELING, AND SCHOOL PSYCHOLOGISTS.
		19-3032	INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGISTS.
		19-3039	PSYCHOLOGISTS, ALL OTHER.
1916	Sociologists	19-3041	SOCIOLOGISTS.
1919	Social Scientists, Not Elsewhere Classified.	19-3001	ANTHROPOLOGISTS AND ARCHEOLOGISTS.
		19-3099	SOCIAL SCIENTISTS AND RELATED WORKERS, ALL OTHER.
192	URBAN AND REGIONAL PLANNERS	19-3042	URBAN AND REGIONAL PLANNERS.
20 SOCIAL RECREATION, AND RELIGIOUS WORKERS:			
203 SOCIAL AND RECREATION WORKERS:			
2032	Social Workers	23-1011 23-1012 23-1013 23-1014 23-1019	ALCOHOL AND SUBSTANCE ABUSE COUNSELORS. MARRIAGE AND FAMILY COUNSELORS AND THERAPISTS. MENTAL HEALTH COUNSELORS. REHABILITATION COUNSELORS. COUNSELORS, EXCEPT EDUCATIONAL, VOCATIONAL, AND SCHOOL, ALL OTHER.
		23-1021	CHILD, FAMILY, AND SCHOOL SOCIAL WORKERS.
		23-1022	MEDICAL AND PUBLIC HEALTH SOCIAL WORKERS.
		23-1023	MENTAL HEALTH AND SUBSTANCE ABUSE SOCIAL WORKERS.
		23-1029	SOCIAL WORKERS, ALL OTHER.
		23-1031	PROBATION OFFICERS AND CORRECTIONAL TREATMENT SPECIALISTS.
		23-1033	SOCIAL AND HUMAN SERVICE ASSISTANTS.
2033	Recreation Workers	23-1032	RECREATION WORKERS.
204 RELIGIOUS WORKERS:			
2042	Clergy	23-2001	CLERGY.
2049	Religious Workers, Not Elsewhere Classified.	23-2002	DIRECTORS, RELIGIOUS ACTIVITIES AND EDUCATION.
		23-2099	RELIGIOUS WORKERS, ALL OTHER.
21	LAWYERS AND JUDGES	25-1999	LEGAL WORKERS, ALL OTHER.
211	LAWYERS	25-1002	ARBITRATORS, MEDIATORS, AND CONCILIATORS.
		25-1023	LAWYERS.
212	JUDGES	25-1001	ADJUDICATORS, HEARINGS OFFICERS, AND JUDICIAL REVIEWERS.
		25-1021	JUDGES AND MAGISTRATES.
	Teachers, Librarians, and Counselors.		
22 TEACHERS; COLLEGE, UNIVERSITY AND OTHER POSTSECONDARY INSTITUTION:			
2212	Atmospheric, Earth, Marine, and Space Sciences Teachers.	27-2041	ATMOSPHERIC, EARTH, MARINE, AND SPACE SCIENCES TEACHERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
2213	Biological Sciences Teachers	27-2032	BIOLOGICAL SCIENCE TEACHERS.
2214	Chemistry Teachers	27-2042	CHEMISTRY TEACHERS, POST-SECONDARY.
2215	Physics Teachers	27-2055	PHYSICS TEACHERS, POSTSECONDARY.
2216	Natural Sciences Teachers, Not Elsewhere Classified.	27-2043	ENVIRONMENTAL SCIENCE TEACHERS, POSTSECONDARY.
		*27-2109	POSTSECONDARY TEACHERS, ALL OTHER.
2217	Psychology Teachers	27-2057	PSYCHOLOGY TEACHERS, POST-SECONDARY.
2218	Economics Teachers	27-2053	ECONOMICS TEACHERS, POST-SECONDARY.
2222	History Teachers	27-2095	HISTORY TEACHERS, POSTSECONDARY.
2223	Political Science Teachers	27-2056	POLITICAL SCIENCE TEACHERS, POSTSECONDARY.
2224	Sociology Teachers	27-2051	ANTHROPOLOGY AND ARCHEOLOGY TEACHERS, POSTSECONDARY.
		27-2058	SOCIOLOGY TEACHERS, POST-SECONDARY.
2225	Social Sciences Teachers, Not Elsewhere Classified.	27-2052	AREA, ETHNIC, AND CULTURAL STUDIES TEACHERS, POST-SECONDARY.
		27-2054	GEOGRAPHY TEACHERS, POST-SECONDARY.
		27-2059	SOCIAL SCIENCES TEACHERS, POST-SECONDARY, ALL OTHER.
2226	Engineering Teachers	27-2022	ENGINEERING TEACHERS, POST-SECONDARY.
2227	Mathematical Sciences Teachers	27-2012	MATHEMATICAL SCIENCE TEACHERS, POSTSECONDARY.
2228	Computer Science Teachers	*27-2011	COMPUTER SCIENCE TEACHERS, POSTSECONDARY.
2231	Medical Science Teachers	27-2061	HEALTH SPECIALTIES TEACHERS, POSTSECONDARY.
2232	Health Specialties Teachers, Not Elsewhere Classified.	27-2062	NURSING INSTRUCTORS AND TEACHERS, POSTSECONDARY.
2233	Business, Commerce and Marketing Teachers.	27-2001	BUSINESS TEACHERS, POST-SECONDARY.
2234	Agriculture Teachers	27-2031	AGRICULTURAL SCIENCES TEACHERS, POSTSECONDARY.
2235	Art, Drama, and Music Teachers	27-2091	ART, DRAMA, AND MUSIC TEACHERS, POSTSECONDARY.
2236	Physical Education Teachers	27-2103	RECREATION AND FITNESS STUDIES TEACHERS, POSTSECONDARY.
		*27-5005	SPORTS AND PHYSICAL TRAINING INSTRUCTORS AND COACHES.
2237	Education Teachers	27-2071	EDUCATION TEACHERS, POST-SECONDARY.
2238	English Teachers	27-2093	ENGLISH LANGUAGE AND LITERATURE TEACHERS, POST-SECONDARY.
2242	Foreign Language Teachers	27-2094	FOREIGN LANGUAGE AND LITERATURE TEACHERS, POST-SECONDARY.
2243	Law Teachers	27-2082	LAW TEACHERS, POSTSECONDARY.
2244	Social Work Teachers	27-2083	SOCIAL WORK TEACHERS, POST-SECONDARY.
2245	Theology Teachers	*27-2096	PHILOSOPHY AND RELIGION TEACHERS, POSTSECONDARY.
2246	Trade and Industrial Teachers	27-3003	VOCATIONAL EDUCATION AND TRAINING TEACHERS AND INSTRUCTORS.
2247	Home Economics Teachers	27-2102	HOME ECONOMICS TEACHERS, POSTSECONDARY.
2249	Teachers; Postsecondary, Not Elsewhere Classified.	*27-2011	COMPUTER SCIENCE TEACHERS, POSTSECONDARY.
		27-2021	ARCHITECTURE TEACHERS, POST-SECONDARY.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
		27-2033	FORESTRY AND CONSERVATION SCIENCE TEACHERS, POST-SECONDARY.
		27-2072	LIBRARY SCIENCE TEACHERS, POST-SECONDARY.
		27-2081	CRIMINAL JUSTICE AND LAW ENFORCEMENT TEACHERS, POST-SECONDARY.
		27-2092	COMMUNICATIONS TEACHERS, POSTSECONDARY.
		*27-2096	PHILOSOPHY AND RELIGION TEACHERS, POSTSECONDARY.
		27-2101	GRADUATE ASSISTANTS, TEACHING.
		*27-2109	POSTSECONDARY TEACHERS, ALL OTHER.
23 TEACHERS, EXCEPT POST-SECONDARY INSTITUTION:			
231	PREKINDERGARTEN AND KINDERGARTEN TEACHERS.	27-1001	TEACHERS, PRESCHOOL.
232	ELEMENTARY SCHOOL TEACHERS	27-1002	TEACHERS, KINDERGARTEN.
233	SECONDARY SCHOOL TEACHERS	27-1003	TEACHERS, ELEMENTARY SCHOOL.
235	TEACHERS; SPECIAL EDUCATION	27-1004	TEACHERS, MIDDLE SCHOOL.
236	INSTRUCTIONAL COORDINATORS	27-1005	TEACHERS, SECONDARY SCHOOL.
239	ADULT EDUCATION AND OTHER TEACHERS, NOT ELSEWHERE CLASSIFIED.	27-1006	SPECIAL EDUCATION TEACHERS.
		27-5004	INSTRUCTIONAL COORDINATORS.
		27-3001	LITERACY, REMEDIAL EDUCATION, AND GED TEACHERS AND INSTRUCTORS.
		27-3002	SELF-ENRICHMENT EDUCATION TEACHERS.
		27-3099	TEACHERS AND INSTRUCTORS, ALL OTHER.
		27-5003	FARM AND HOME MANAGEMENT ADVISORS.
24	VOCATIONAL AND EDUCATIONAL COUNSELORS.	27-5002	EDUCATIONAL, VOCATIONAL, AND SCHOOL GUIDANCE COUNSELORS.
		41-5007	RESIDENTIAL ADVISORS.
25	LIBRARIANS, ARCHIVISTS, AND CURATORS		
251	LIBRARIANS	27-4021	LIBRARIANS.
252	ARCHIVISTS AND CURATORS	27-4011	ARCHIVISTS.
		27-4012	CURATORS.
		27-4013	MUSEUM TECHNICIANS AND CONSERVATORS.
	Health Diagnosing and Treating Practitioners.		
26 PHYSICIANS AND DENTISTS:			
261	PHYSICIANS	21-1031	ANESTHESIOLOGISTS.
		21-1032	FAMILY AND GENERAL PRACTITIONERS.
		21-1033	INTERNISTS, GENERAL.
		21-1034	OBSTETRICIANS AND GYNECOLOGISTS.
		21-1035	PEDIATRICIANS, GENERAL.
		21-1036	PSYCHIATRISTS.
		21-1037	SURGEONS.
		21-1039	PHYSICIANS, ALL OTHER SPECIALISTS.
262	DENTISTS	21-1011	DENTISTS, GENERAL.
		21-1012	PROSTHODONTISTS.
		21-1013	ORTHODONTISTS.
		21-1014	ORAL AND MAXILLOFACIAL SURGEONS.
27	VETERINARIANS	21-1061	VETERINARIANS.
28 OTHER HEALTH DIAGNOSING AND TREATING PRACTITIONERS:			
281	OPTOMETRISTS	21-1022	OPTOMETRISTS.
283	PODIATRISTS	21-1042	PODIATRISTS.
289	HEALTH DIAGNOSING AND TREATING PRACTITIONERS, NOT ELSEWHERE CLASSIFIED.	21-1001	CHIROPRACTORS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
		21-1099	HEALTH DIAGNOSING AND TREATING PRACTITIONERS, ALL OTHER, INCLUDING ALTERNATIVE HEALTH CARE PROVIDERS.
		21-4999	HEALTH-RELATED WORKERS, ALL OTHER.
	Registered Nurses, Pharmacists, Dietitians, therapists, and Physician's Assistants.		
29 REGISTERED NURSES .....	.....	21-1043	REGISTERED NURSES.
30 PHARMACISTS, DIETITIANS, THERAPISTS, AND PHYSICIAN'S ASSISTANTS:			
301	PHARMACISTS	21-1023	PHARMACISTS.
301	DIETITIANS	21-1021	DIETITIANS AND NUTRITIONISTS.
		21-2041	DOETETIC TECHNICIANS.
303	THERAPISTS:		
3031	Respiratory Therapists	21-1056	RESPIRATORY THERAPISTS.
		21-2048	RESPIRATORY THERAPY TECHNICIANS.
3032	Occupational Therapists	21-1052	OCCUPATIONAL THERAPISTS.
3033	Physical Therapists	21-1053	PHYSICAL THERAPISTS.
3034	Speech pathologists and Audiologists ..	21-1051	AUDIOLOGISTS.
		21-1057	SPEECH-LANGUAGE PATHOLOGISTS.
8039	Therapists, Not Elsewhere Classified	21-1055	RECREATIONAL THERAPISTS.
		21-1059	THERAPISTS, ALL OTHER.
304	PHYSICIAN'S ASSISTANTS	21-1041	PHYSICIAN ASSISTANTS.
	Writers, Artists, Entertainers, and Athletes.		
32 WRITERS, ARTISTS, PERFORMERS, AND RELATED WORKERS:			
321	AUTHORS	29-2022	WRITERS AND AUTHORS.
322	DESIGNERS	29-3001	COMMERCIAL AND INDUSTRIAL DESIGNERS.
		29-3002	FASHION DESIGNERS.
		29-3003	FLORAL DESIGNERS.
		29-3004	GRAPHIC DESIGNERS.
		29-3005	INTERIOR DESIGNERS.
		29-3006	LANDSCAPE ARCHITECTS.
		29-3007	MERCHANDISE DISPLAYERS AND WINDOW TRIMMERS.
		29-3008	SET AND EXHIBIT DESIGNERS.
		29-3099	DESIGNERS, ALL OTHER.
323	MUSICIANS AND COMPOSERS	29-1033	MUSIC DIRECTORS AND COMPOSERS.
		29-1034	MUSICIANS AND SINGERS.
324	ACTORS AND DIRECTORS	29-1031	ACTORS.
		29-1035	PRODUCERS AND DIRECTORS.
325	PAINTERS, SCULPTORS, CRAFT-ARTISTS AND ARTIST-PRINTMAKERS.		
		29-1012	CRAFT ARTISTS.
		29-1013	FINE ARTISTS, INCLUDING PAINTERS, SCULPTORS, AND ILLUSTRATORS.
		29-1014	MULTI-MEDIA ARTISTS AND ANIMATORS.
326	PHOTOGRAPHERS	29-2004	CAMERA OPERATORS, TELEVISION, VIDEO, AND MOTION PICTURE.
		29-2006	FILM AND VIDEO EDITORS.
		29-2011	PHOTOGRAPHERS.
327	DANCERS	29-1032	DANCERS AND CHOREOGRAPHERS.
328	PERFORMERS, NOT ELSEWHERE CLASSIFIED.	29-1039	PERFORMERS AND ENTERTAINERS, ALL OTHER.
329	WRITERS, ARTISTS, AND RELATED WORKERS; NOT ELSEWHERE CLASSIFIED.	27-5001	AUDIO-VISUAL COLLECTIONS SPECIALISTS.
		29-1019	ARTISTS AND RELATED WORKERS, ALL OTHER.
33 EDITORS, REPORTERS, PUBLIC RELATIONS SPECIALISTS, AND ANNOUNCERS:			
331	EDITORS AND REPORTERS:		
3312	Editors	29-2005	EDITORS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
3313	Reporters	29-2002 29-2014	BROADCAST NEWS ANALYSTS. REPORTERS AND CORRESPOND- ENTS.
332	PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS.	29-2012	PUBLIC RELATIONS SPECIALISTS.
333	RADIO, TELEVISION AND OTHER AN- NOUNCERS.		
34	ATHLETES AND RELATED WORKERS	21-4001 *27-5005	ATHLETIC TRAINERS. SPORTS AND PHYSICAL TRAINING IN- STRUCTORS AND COACHES.
		29-1021	ATHLETES AND SPORTS COMPETI- TORS.
		29-1022	COACHES AND SCOUTS.
		29-1023	UMPIRES, REFEREES, AND OTHER SPORTS OFFICIALS.
	Health Technologists and Technicians.		
36 HEALTH TECHNOLOGISTS AND TECHNICIANS:			
362	CLINICAL LABORATORY TECH- NOLOGISTS AND TECHNICIANS.	21-2011	MEDICAL AND CLINICAL LABORA- TORY TECHNICIANS.
		21-2012	MEDICAL AND CLINICAL LABORA- TORY TECHNOLOGISTS.
363	DENTAL HYGIENISTS	21-2021	DENTAL HYGIENISTS.
364	HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS.	21-2044	MEDICAL RECORDS AND HEALTH IN- FORMATION TECHNICIANS.
365	RADIOLOGIC TECHNOLOGISTS AND TECHNICIANS.	21-1054	RADIATION THERAPISTS.
		21-2031	DIAGNOSTIC MEDICAL SONOGRAPHERS.
		21-2032	NUCLEAR MEDICINE TECH- NOLOGISTS.
		21-2033	RADIOLOGIC TECHNOLOGISTS AND TECHNICIANS.
366	LICENSED PRACTICAL NURSES	21-2043	LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES.
369	HEALTH TECHNOLOGISTS AND TECH- NICIANS, NOT ELSEWHERE CLASSI- FIED.	21-2001	CARDIOVASCULAR TECHNOLOGISTS AND TECHNICIANS.
		21-2042	EMERGENCY MEDICAL TECHNICIANS AND PARAMEDICS.
		21-2045	OPTICIANS, DISPENSING.
		21-2046	PHARMACY TECHNICIANS.
		21-2047	PSYCHIATRIC TECHNICIANS.
		21-2051	SURGICAL TECHNOLOGISTS.
		21-2052	VETERINARY TECHNOLOGISTS AND TECHNICIANS.
		21-2099	HEALTH TECHNOLOGISTS AND TECH- NICIANS, ALL OTHER.
		21-4002	HEALTH SERVICE COORDINATORS.
		21-4011	OCCUPATIONAL HEALTH AND SAFE- TY SPECIALISTS.
		21-4012	OCCUPATIONAL HEALTH AND SAFE- TY TECHNICIANS.
		21-4021	ORTHOTISTS AND PROSTHETISTS.
		21-2002	VETERINARY ASSISTANTS AND NON- FARM ANIMAL CARETAKERS.
	Technologists and Technicians, Except Health.		
37 ENGINEERING AND RELATED TECHNOLOGISTS AND TECHNI- CIANS:			
371 ENGINEERING TECH- NOLOGISTS AND TECHNICIANS:			
3711	Electrical and Electronic Engineering Technologists and Technicians.	17-3033	ELECTRICAL AND ELECTRONIC ENGI- NEERING TECHNICIANS.
		17-3034	ELECTRO- MECHANICAL TECHNI- CIANS.
3712	Industrial Engineering Technologists and Technicians.	17-3036	INDUSTRIAL ENGINEERING TECHNI- CIANS.
3713	Mechanical Engineering Technologists and Technicians.	17-3037	MECHANICAL ENGINEERING TECHNI- CIANS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
3719	Engineering Technologists and Technicians, Not Elsewhere Classified.	17-3021	ARCHITECTURAL TECHNICIANS, EXCEPT DRAFTERS.
		17-3031	AEROSPACE ENGINEERING AND OPERATIONS TECHNICIANS.
		17-3035	ENVIRONMENTAL ENGINEERING TECHNICIANS.
		17-3039	ENGINEERING TECHNICIANS, EXCEPT DRAFTERS, ALL OTHER.
372	DRAFTING OCCUPATIONS	17-3011	ARCHITECTURAL AND CIVIL DRAFTERS.
		17-3012	ELECTRICAL AND ELECTRONICS DRAFTERS.
		17-3013	MECHANICAL DRAFTERS.
		17-3019	DRAFTERS, ALL OTHER.
373 SURVEYING AND MAPPING TECHNICIANS:			
3733	Surveying Technicians	*17-3041	SURVEYING AND MAPPING TECHNICIANS.
3734	Cartographic Technicians	*17-3041	SURVEYING AND MAPPING TECHNICIANS.
3739	Surveying and Mapping Technicians, Not Elsewhere Classified.	*17-3041	SURVEYING AND MAPPING TECHNICIANS.
38 SCIENCE TECHNOLOGISTS AND TECHNICIANS:			
382	BIOLOGICAL TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH.	19-4001	AGRICULTURAL AND FOOD SCIENCE TECHNICIANS.
		19-4002	BIOLOGICAL TECHNICIANS.
		19-4006	FOREST AND CONSERVATION TECHNICIANS.
		43-3001	ANIMAL BREEDERS.
383 CHEMICAL AND NUCLEAR TECHNOLOGISTS AND TECHNICIANS:			
3831	Chemical Technologists and Technicians	19-4003	CHEMICAL TECHNICIANS.
3832	Nuclear Technologists and Technicians ..	19-4008	NUCLEAR TECHNICIANS.
3833	Petroleum Technologists and Technicians	19-4007	GEOLOGICAL AND PETROLEUM TECHNICIANS.
384	MATHEMATICAL TECHNICIANS	15-2099	MATHEMATICAL SCIENTISTS AND TECHNICIANS, ALL OTHER.
389	SCIENCE TECHNOLOGISTS AND TECHNICIANS, NOT ELSEWHERE CLASSIFIED.	19-4004	ENVIRONMENTAL SCIENCE TECHNICIANS.
		19-4005	FORENSIC SCIENCE TECHNICIANS.
		19-4011	SOCIAL SCIENCE TECHNICIANS.
		19-4099	LIFE AND PHYSICAL SCIENCE TECHNICIANS, ALL OTHER.
39 TECHNICIANS; EXCEPT HEALTH, ENGINEERING, AND SCIENCE:			
392	AIR TRAFFIC CONTROLLERS	51-2021	AIR TRAFFIC CONTROLLERS.
		51-2022	AIRFIELD OPERATIONS SPECIALISTS.
393	RADIO AND RELATED OPERATORS	29-2003	BROADCAST TECHNICIANS.
		29-2013	RADIO OPERATORS.
396	LEGAL TECHNICIANS	25-1022	LAW CLERKS.
		25-1024	PARALEGALS AND LEGAL ASSISTANTS.
		25-1025	TITLE EXAMINERS, ABSTRACTORS, AND SEARCHERS.
397 PROGRAMMERS:			
3971	Programmers, Business	*15-1002	COMPUTER PROGRAMMERS.
3972	Programmers, Scientific	*15-1002	COMPUTER PROGRAMMERS.
3974	Programmers, Numerical, Tool and Process Control.	49-4034	NUMERICAL TOOL AND PROCESS CONTROL PROGRAMMERS.
398	TECHNICAL WRITERS	29-2021	TECHNICAL WRITERS.
399	TECHNICIANS, NOT ELSEWHERE CLASSIFIED.	17-3032	CIVIL ENGINEERING TECHNICIANS.
		29-2007	INTERPRETERS AND TRANSLATORS.
		29-2015	SOUND ENGINEERING TECHNICIANS.
		41-5005	MORTICIANS AND EMBALMERS.
		51-6004	TRAFFIC TECHNICIANS.
40 SUPERVISORS, MARKETING AND SALES OCCUPATIONS:	Marketing and Sales Occupations. ....	.....

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
401	SUPERVISORS; SALES OCCUPATIONS, INSURANCE, REAL ESTATE, AND BUSINESS SERVICES.	*31-1002	FIRST-LINE SUPERVISORS/MANAGERS OF NON-RETAIL SALES WORKERS.
402	SUPERVISORS; SALES OCCUPATIONS, COMMODITIES EXCEPT RETAIL.	*31-1002	FIRST-LINE SUPERVISORS/MANAGERS OF NON-RETAIL SALES WORKERS.
403	SUPERVISORS; SALES OCCUPATIONS, RETAIL.	31-1001	FIRST-LINE SUPERVISORS/MANAGERS OF RETAIL STORE WORKERS.
41 INSURANCE, SECURITIES, REAL ESTATE, AND BUSINESS SERVICE SALES OCCUPATIONS:			
412 INSURANCE, REAL ESTATE, AND SECURITIES SALES OCCUPATIONS:			
4122	Insurance Sales Occupations	31-2032	INSURANCE SALES AGENTS.
4123	Real Estate Sales Occupations	31-2011	REAL ESTATE BROKERS.
		31-2012	REAL ESTATE SALES AGENTS.
4124	Securities and Financial Services Sales Occupations.	31-2033	SECURITIES, COMMODITIES, AND FINANCIAL SERVICES SALES AGENTS.
415 BUSINESS SERVICE SALES OCCUPATIONS:			
4152	Business Service, Except Advertising, Sales Occupations.	31-2039	SALES REPRESENTATIVES AND SALESPERSONS, SERVICES, ALL OTHER.
4153	Advertising and Related Sales Occupations.	31-2031	ADVERTISING SALES AGENTS.
42 SALES OCCUPATIONS, COMMODITIES EXCEPT RETAIL:			
421	SALES ENGINEERS	31-2022	SALES ENGINEERS.
423	TECHNICAL SALES WORKERS AND SERVICE ADVISORS.		
4232	Technical Sales Workers, Aircraft	*31-2041	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS
4233	Technical Sales Workers, Agricultural Equipment and Supplies.	*31-2041	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS.
4234	Technical Sales Workers, Electronic Equipment.	*31-2041	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS.
4235	Technical Sales Workers, Industrial Machinery, Equipment, and Supplies.	*31-2041	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS.
4236	Technical Sales Workers, Medical and Dental Equipment and Supplies.	*31-2041	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS.
4237	Technical Sales Workers; Chemicals and Chemical Products.	*31-2041	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS.
4239	Technical Sales Workers, Not Elsewhere Classified.	*31-2041	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, TECHNICAL AND SCIENTIFIC PRODUCTS.
424 SALES REPRESENTATIVES:			
4242	Sales Representatives, Commercial and Industrial Equipment and Supplies.	*31-2042	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, EXCEPT TECHNICAL AND SCIENTIFIC PRODUCTS.
4243	Sales Representatives, Garments and Related Textile Products.	*31-2042	SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, EXCEPT TECHNICAL AND SCIENTIFIC PRODUCTS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
4244	Sales Representatives, Motor Vehicles and Supplies.	*31-2042	SALES REPRESENTATIVES, WHOLE-SALE AND MANUFACTURING, EXCEPT TECHNICAL AND SCIENTIFIC PRODUCTS.
4245	Sales Representatives; Pulp, Paper, and Paper Products.	*31-2042	SALES REPRESENTATIVES, WHOLE-SALE AND MANUFACTURING, EXCEPT TECHNICAL AND SCIENTIFIC PRODUCTS.
4246	Sales Representatives; Farm Products and Livestock.	*31-2042	SALES REPRESENTATIVES, WHOLE-SALE AND MANUFACTURING, EXCEPT TECHNICAL AND SCIENTIFIC PRODUCTS.
4249	Sales Representatives; Not Elsewhere Classified.	*31-2999	SALES WORKERS, ALL OTHER.
43 SALES OCCUPATIONS, RETAIL: 434-5 SALESPERSONS, COM-MODITIES:			
4342	Salespersons; Motor Vehicles, Mobile Homes, and Supplies.	*31-2021	RETAIL SALESPERSONS.
4343	Salespersons; Musical Instruments and Supplies.	*31-2021	RETAIL SALESPERSONS.
4344	Salespersons; Boats and Marine Equipment and Supplies.	*31-2021	RETAIL SALESPERSONS.
4345	Salespersons; Sporting Goods	*31-2021	RETAIL SALESPERSONS.
4346	Salespersons; Garments and Textile Products.	*31-2021	RETAIL SALESPERSONS.
4347	Salespersons; Books, Stamps, Coins, and Stationery.	*31-2021	RETAIL SALESPERSONS.
4348	Salespersons; Furniture and Home Furnishings.	*31-2021	RETAIL SALESPERSONS.
4351	Salespersons, Shoes	*31-2021	RETAIL SALESPERSONS.
4352	Salespersons; Radio, Television, High Fidelity, and Household Appliances.	*31-2021	RETAIL SALESPERSONS.
4353	Salespersons; Hardware	*31-2021	RETAIL SALESPERSONS.
4354	Salespersons; Cosmetics, Toiletries, and Allied Products.	*31-2021	RETAIL SALESPERSONS.
4356	Salespersons; Jewelry and Related Products.	*31-2021	RETAIL SALESPERSONS.
4359	Salespersons; Not Elsewhere Classified	*31-2999	SALES WORKERS, ALL OTHER.
436 SALES OCCUPATIONS; OTHER:			
4362	Sales Clerks	*31-2021	RETAIL SALESPERSONS.
4363	Counter Clerks	31-2002	COUNTER AND RENTAL CLERKS.
4364	Cashiers	31-2001	CASHIERS.
4365	News Vendors	*31-2004	DOOR-TO-DOOR SALES WORKERS, NEWS AND STREET VENDORS, AND OTHER RELATED WORKERS.
4366	Street Vendors, Door-to-door Sales Workers, and Related Occupations.	*31-2004	DOOR-TO-DOOR SALES WORKERS, NEWS AND STREET VENDORS, AND OTHER RELATED WORKERS
	.....	31-2051	TELEMARKETERS.
4367	Salespersons; Parts	31-2006	PARTS SALESPERSONS.
4369	Sales Occupations; Services, Not Elsewhere Classified.	31-2034	TRAVEL AGENTS.
44 SALES RELATED OCCUPATIONS:			
444	APPRAISERS AND RELATED OCCUPATIONS.	13-2002	ASSESSORS AND REAL ESTATE APPRAISERS.
445	DEMONSTRATORS, PROMOTERS, AND MODELS.	31-2003 31-2005	DEMONSTRATORS AND PRODUCT PROMOTERS. MODELS.
446	SHOPPERS	*31-2999	SALES WORKERS, ALL OTHER.
447	AUCTIONEERS	*31-2999	SALES WORKERS, ALL OTHER.
449	SALES OCCUPATIONS; OTHER, NOT ELSEWHERE CLASSIFIED. Administrative Support Occupations, including Clerical..	*31-2999	SALES WORKERS, ALL OTHER.
45 SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL:			
4511	Supervisors; General Office Occupations	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
4512	Supervisors; Computer and Peripheral Equipment Operators.	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4513	Supervisors; Secretaries, Stenographers and Typists.	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4514	Supervisors; Information Clerks	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4516	Supervisors; Correspondence Clerks and Order Clerks.	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4519	Supervisors; Record Clerks	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4521	Supervisors; Financial Record Processing Occupations.	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4522	Supervisors; Duplicating, Mail and Other Office Machine Operators.	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4523	Chief Communications Operators	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4524	Supervisors; Mail and Message Distribution Clerks.	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4525	Supervisors; Material Recording, Scheduling, and Distributing Clerks.	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
4528	Supervisors; Adjusters, Investigators, and Collectors.	*33-2011	CLAIMS EXAMINERS, PROPERTY AND CASUALTY INSURANCE.
4529	Supervisors; Miscellaneous Administrative Support Occupations.	*33-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS.
46-47 ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL:			
461 COMPUTER AND PERIPHERAL EQUIPMENT OPERATORS:			
4612	Computer Operators	*33-9001	COMPUTER OPERATORS.
4613	Peripheral Equipment Operators	*33-9001	COMPUTER OPERATORS.
462 SECRETARIES, STENOGRAPHERS AND TYPISTS:			
4622	Secretaries	33-8001	EXECUTIVE SECRETARIES AND ADMINISTRATIVE ASSISTANTS.
		33-8002	SECRETARIES, LEGAL.
		33-8003	SECRETARIES, MEDICAL.
		33-8099	SECRETARIES, ALL OTHER (EXCEPT LEGAL, MEDICAL, AND EXECUTIVE).
4623	Stenographers	33-6001	COURT REPORTERS, MEDICAL TRANSCRIPTIONISTS, AND STENOGRAPHERS.
4624	Typists	33-6003	WORD PROCESSORS AND TYPISTS.
463	GENERAL OFFICE OCCUPATIONS	33-9004	OFFICE CLERKS, GENERAL.
464 INFORMATION CLERKS:			
4642	Interviewing Clerks	33-5011	INTERVIEWERS, EXCEPT ELIGIBILITY AND PERSONNEL.
		33-5012	LOAN INTERVIEWERS AND CLERKS.
4643	Hotel Clerks	33-5008	HOTEL, MOTEL, AND RESORT DESK CLERKS.
4644	Reservation Agents and Transportation Ticket Clerks.	33-5016	RESERVATION AND TRANSPORTATION TICKET AGENTS AND TRAVEL CLERKS.
4645	Receptionists	33-5015	RECEPTIONISTS AND INFORMATION CLERKS.
4649	Information Clerks, Not Elsewhere Classified.	33-5005	CUSTOMER SERVICE REPRESENTATIVES, EXCEPT SALES AND FINANCIAL.
		33-5099	INFORMATION AND RECORD CLERKS, ALL OTHER.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
466 CORRESPONDENCE CLERKS AND ORDER CLERKS:			
4662	Classified-ad Clerks	*33-5013	ORDER CLERKS.
4663	Correspondence Clerks	33-5002	CORRESPONDENCE CLERKS.
4664	Order Clerks	33-4004	PROCUREMENT CLERKS.
		*33-5013	ORDER CLERKS.
469 RECORD CLERKS:			
4692	Personnel Clerks, Except Payroll and Timekeeping.	33-5014	PERSONNEL ASSISTANTS, EXCEPT PAYROLL AND TIMEKEEPING.
4694	Library Clerks	27-4022	LIBRARY TECHNICIANS AND ASSISTANTS.
4696	File Clerks	33-5007	FILE CLERKS.
4699	Record Clerks, Not Elsewhere Classified	33-5001	BROKERAGE CLERKS.
471 FINANCIAL RECORD PROCESSING OCCUPATIONS:			
4712	Bookkeepers and Accounting and Auditing Clerks.	13-2041	TAX PREPARERS.
		33-4002	BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS.
4713	Payroll and Timekeeping Clerks	33-4003	PAYROLL AND TIMEKEEPING CLERKS.
4715	Billing Clerks	*33-4001	BILLING AND POSTING CLERKS AND MACHINE OPERATORS.
4716	Cost and Rate Clerks	*33-4001	BILLING AND POSTING CLERKS AND MACHINE OPERATORS.
4718	Billing, Posting, and Calculating Machine Operators.	*33-4001	BILLING AND POSTING CLERKS AND MACHINE OPERATORS.
472 DUPLICATING, MAIL AND OTHER OFFICE MACHINE OPERATORS:			
4722	Duplicating Machine Operators..		
4723	Mail Preparing and Handling Machine Operators.	*33-7007	POSTAL SERVICE MAIL SORTERS, PROCESSORS, AND PROCESSING MACHINE OPERATORS.
4729	Office Machine Operators, Not Elsewhere Classified.	33-9005	OFFICE MACHINE OPERATORS, EXCEPT COMPUTER.
		*33-9999	OFFICE AND ADMINISTRATION WORKERS, ALL OTHER.
473 COMMUNICATIONS EQUIPMENT OPERATORS:			
4732	Telephone Operators	33-3001	SWITCHBOARD OPERATORS, INCLUDING ANSWERING SERVICE.
		33-3002	TELEPHONE OPERATORS.
4733	Telegraphers	*33-9999	OFFICE AND ADMINISTRATION WORKERS, ALL OTHER.
4739	Communications Equipment Operators, Not Elsewhere Classified.	33-3099	COMMUNICATIONS EQUIPMENT OPERATORS, ALL OTHER.
474 MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS:			
4742	Postal Clerks; Except Mail Carriers	33-7005	POSTAL SERVICE CLERKS.
		*33-7007	POSTAL SERVICE MAIL SORTERS, PROCESSORS, AND PROCESSING MACHINE OPERATORS.
4743	Mail Carriers, Post Office	33-7006	POSTAL SERVICE MAIL CARRIERS.
4744	Mail Clerks, Except Post Office	33-9003	MAIL CLERKS AND MAIL MACHINE OPERATORS, EXCEPT POSTAL SERVICE.
4745	Messengers	33-9002	COURIERS AND MESSENGERS.
475 MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS:			
4751	Dispatchers	33-7002	DISPATCHERS, EXCEPT POLICE, FIRE, AND AMBULANCE.
		33-7004	POLICE, FIRE, AND AMBULANCE DISPATCHERS.
4752	Production and Planning Clerks	*33-7008	PRODUCTION, PLANNING, AND EXPEDITING CLERKS.
4753	Traffic, Shipping, and Receiving Clerks ...	33-7001	CARGO AND FREIGHT AGENTS.
		33-7011	SHIPPING, RECEIVING, AND TRAFFIC CLERKS.
4754	Stock and Inventory Clerks	33-7012	STOCK CLERKS AND ORDER FILLERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
4755	Meter Readers	33-7003	METER READERS, UTILITIES.
4756	Weighers, Measurers, and Checks	*33-7013	WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORD-KEEPING.
4757	Samplers	*33-7013	WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORD-KEEPING.
4758	Expeditors	*33-7008	PRODUCTION, PLANNING, AND EXPEDITING CLERKS.
4759	Material Recording, Scheduling, and Distributing Clerks, Not Elsewhere Classified.	*33-9999	OFFICE AND ADMINISTRATION WORKERS, ALL OTHER.
478 ADJUSTERS, INVESTIGATORS, AND COLLECTORS:			
4782	Insurance Adjusters, Examiners, and Investigators.	*33-2011	CLAIMS EXAMINERS, PROPERTY AND CASUALTY INSURANCE.
		33-2012	INSURANCE APPRAISERS, AUTO DAMAGE.
		33-2021	INSURANCE CLAIMS AND POLICY PROCESSING CLERKS.
4783	Investigators and Adjusters, Except Insurance.	33-5004	CREDIT AUTHORIZERS, CHECKERS, AND CLERKS.
4784	Clerks, Social Welfare	*33-5006	ELIGIBILITY INTERVIEWERS, GOVERNMENT PROGRAMS.
4786	Bill and Account Collectors	33-2001	BILL AND ACCOUNT COLLECTORS.
4787	License Clerks	33-5003	COURT, MUNICIPAL, AND LICENSE CLERKS.
479 MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL:			
4791	Bank Tellers	33-4005	TELLERS AND CUSTOMER SERVICE REPRESENTATIVES, FINANCIAL INSTITUTIONS.
4792	Proof Readers	33-9006	PROOFREADERS AND COPY MARKERS.
4793	Data Entry Keyers	33-6002	DATA ENTRY KEYERS.
4794	Statistical Clerks	33-9007	STATISTICAL ASSISTANTS.
4795	Teacher Aides	27-5006	TEACHER AIDES.
4799	Administrative Support Occupations, including Clerical, Not Elsewhere Classified.	*33-9999	OFFICE AND ADMINISTRATION WORKERS, ALL OTHER.
	Service Occupations..		
50 PRIVATE HOUSEHOLD OCCUPATIONS:			
502	DAY WORKERS	*39-2002	MAIDS AND HOUSEKEEPING CLEANERS.
503	LAUNDERERS AND IRONERS	*41-5999	PERSONAL CARE AND SERVICE WORKERS, ALL OTHER.
504	COOKS, PRIVATE HOUSEHOLD	37-2013	COOKS, PRIVATE HOUSEHOLD.
505	HOUSEKEEPERS AND BUTLERS	*39-2002	MAIDS AND HOUSEKEEPING CLEANERS.
506	CHILD CARE WORKERS, PRIVATE HOUSEHOLD.	*41-5001	CHILD CARE WORKERS.
507	PRIVATE HOUSEHOLD CLEANERS AND SERVANTS.	*39-2002	MAIDS AND HOUSEKEEPING CLEANERS.
509	PRIVATE HOUSEHOLD OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.	*41-5999	PERSONAL CARE AND SERVICE WORKERS, ALL OTHER.
51 PROTECTIVE SERVICE OCCUPATIONS:			
511 SUPERVISORS; SERVICE OCCUPATIONS, PROTECTIVE:			
5111	Supervisors; Firefighting and Fire Prevention Occupations.	35-1001	FIRST-LINE SUPERVISORS/MANAGERS OF FIRE FIGHTING AND PREVENTION WORKERS.
5112	Supervisors; Police and Detectives	35-1012	FIRST-LINE SUPERVISORS/MANAGERS OF POLICE AND DETECTIVES.
5113	Supervisors; Guards	35-1011	FIRST-LINE SUPERVISORS/MANAGERS OF CORRECTIONAL OFFICERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
		35-1099	PROTECTIVE SERVICE SUPERVISORS, ALL OTHER.
512 FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS:			
5112	Fire Inspection and Fire Prevention Occupations.	35-2011	FIRE INSPECTORS AND INVESTIGATORS.
		35-2012	FOREST FIRE INSPECTORS AND PREVENTION SPECIALISTS.
5123	Firefighting Occupations	35-2001	FIRE FIGHTERS.
513 POLICE AND DETECTIVES:			
5132	Police and Detectives, Public Service	35-3002	DETECTIVES AND CRIMINAL INVESTIGATORS.
		*35-3011	POLICE AND SHERIFF'S PATROL OFFICERS.
5133	Correctional Institution Officers	35-3001	CORRECTIONAL OFFICERS AND JAILERS.
5134	Sheriffs, Bailiffs, and Other Law Enforcement Officers.	*35-3011	POLICE AND SHERIFF'S PATROL OFFICERS.
		35-3021	BAILIFFS.
		35-3022	FISH AND GAME WARDENS.
		35-3023	UNITED STATES MARSHALS.
		35-4004	PARKING ENFORCEMENT WORKERS.
514 GUARDS:			
5142	Crossing Guards	35-4002	CROSSING GUARDS.
5144	Guards and Police, Except Public Service	35-4005	PRIVATE DETECTIVES AND INVESTIGATORS.
		35-4006	SECURITY GUARDS.
5149	Protective Service Occupations, Not Elsewhere Classified.	13-1004	EMERGENCY MANAGEMENT SPECIALISTS.
		35-3012	TRANSIT AND RAILROAD POLICE.
		35-4001	ANIMAL CONTROL WORKERS.
		35-4003	LIFEGUARDS, SKI PATROL, AND OTHER RECREATIONAL PROTECTIVE SERVICE WORKERS.
		35-4999	PROTECTIVE SERVICE WORKERS, ALL OTHER.
52 SERVICE OCCUPATIONS, EXCEPT PRIVATE HOUSEHOLD AND PROTECTIVE:			
521 FOOD AND BEVERAGE PREPARATION AND SERVICE OCCUPATIONS:			
5211	Supervisors; Food and Beverage Preparation and Service Occupations.	37-1001	FIRST-LINE SUPERVISORS/MANAGERS OF FOOD PREPARATION AND SERVING WORKERS.
		37-1002	CHEFS AND HEAD COOKS.
5212	Bartenders	37-3001	BARTENDERS.
5213	Waiters and Waitresses	37-3021	FOOD SERVERS, NON-RESTAURANT.
		37-3022	WAITERS AND WAITRESSES.
5214	Cooks, Except Short Order	37-2012	COOKS, INSTITUTION AND CAFETERIA.
		37-2014	COOKS, RESTAURANT.
5215	Short-order Cooks	37-2011	COOKS, FAST FOOD.
		37-2015	COOKS, SHORT ORDER.
5216	Food Counter, Fountain and Related Occupations.	37-3011	COMBINED FOOD PREPARATION AND SERVING WORKERS, INCLUDING FAST FOOD.
		37-3012	COUNTER ATTENDANTS, CAFETERIA, FOOD CONCESSION, AND COFFEE SHOP.
5217	Kitchen Workers, Food Preparation	37-2021	FOOD PREPARATION WORKERS.
5218	Waiters'/Waitresses' Assistants	37-3002	DINING ROOM AND CAFETERIA ATTENDANTS AND BARTENDER HELPERS.
5219	Miscellaneous Food and Beverage Preparation Occupations.	37-4001	DISHWASHERS.
		37-4002	HOSTS AND HOSTESSES, RESTAURANT, LOUNGE, AND COFFEE SHOP.
		37-4999	FOOD PREPARATION AND SERVING WORKERS, ALL OTHER.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
523	HEALTH SERVICE OCCUPATIONS:	21-3099	HEALTH SERVICE ASSISTANTS AND ATTENDANTS, ALL OTHER.
5232	Dental Assistants	21-3001	DENTAL ASSISTANTS.
5233	Health Aides, Except Nursing	21-3002	HOME HEALTH AIDES.
		21-3003	MEDICAL ASSISTANTS.
		21-3011	OCCUPATIONAL THERAPY AIDES.
		21-3012	OCCUPATIONAL THERAPY ASSISTANTS.
		21-3021	PHARMACY AIDES.
		21-3022	PHLEBOTOMISTS.
		21-3031	PHYSICAL THERAPY AIDES.
		21-3032	PHYSICAL THERAPY ASSISTANTS.
		21-3041	PSYCHIATRIC AIDES.
		21-4003	MEDICAL EQUIPMENT PREPARERS.
		51-3001	AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY MEDICAL TECHNICIANS.
5236	Nursing Aides, Orderlies, and Attendants.	21-3004	NURSING AIDES, ORDERLIES, AND ATTENDANTS.
524 CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT PRIVATE HOUSEHOLD:			
5241	Supervisors; Cleaning and Building Service Workers.	39-1001	FIRST-LINE SUPERVISORS/MANAGERS OF HOUSEKEEPING AND JANITORIAL WORKERS.
5242	Maids and Housemen	*39-2002	MAIDS AND HOUSEKEEPING CLEANERS.
5244	Janitors and Cleaners	39-2001	JANITORS AND CLEANERS, EXCEPT MAIDS AND HOUSEKEEPING CLEANERS.
5245	Elevator Operators	51-7003	ELEVATOR OPERATORS.
5246	Pest Control Occupations	39-2003	PEST CONTROL WORKERS AND ASSISTANTS.
5249	Cleaning and Building Service Occupations, Not Elsewhere Classified.	39-2099	BUILDING CLEANING WORKERS, ALL OTHER.
525-6 PERSONAL SERVICE OCCUPATIONS:			
5251	Supervisors; Personal Service Occupations.	41-1001	FIRST-LINE SUPERVISORS/MANAGERS OF GAMING WORKERS.
		41-1002	FIRST-LINE SUPERVISORS/MANAGERS OF PERSONAL SERVICE WORKERS.
5252	Barbers	41-3001	BARBERS.
5253	Hairdressers and Cosmetologists	41-3002	HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS.
		41-3003	MAKEUP ARTISTS, THEATRICAL AND PERFORMANCE.
		41-3004	MANICURISTS.
		41-3005	SHAMPOOERS.
5254	Attendants, Amusement and Recreation Facilities.	41-2001	AMUSEMENT AND RECREATION ATTENDANTS.
		41-2011	GAMES OF CHANCE ATTENDANTS.
		41-2012	GAMING DEALERS.
		41-2013	MUTUEL CASHIERS AND GAMES OF CHANCE WRITERS.
5255	Guides	41-4005	TOUR GUIDES AND ESCORTS.
		41-4006	TRAVEL GUIDES.
5256	Ushers	41-2021	USHERS, LOBBY ATTENDANTS, AND TICKET TAKERS.
5257	Public Transportation Attendants	41-4003	FLIGHT ATTENDANTS.
		41-4004	TRANSPORTATION ATTENDANTS, EXCEPT FLIGHT ATTENDANTS AND BAGGAGE PORTERS.
5258	Wardrobe and Dressing Room Attendants.	41-2002	COSTUME ATTENDANTS.
		41-5003	LOCKER ROOM, COATROOM, AND DRESSING ROOM ATTENDANTS.
5262	Baggage Porters and Bellhops	41-4001	BAGGAGE PORTERS AND BELLHOPS.
5263	Welfare Service Aides	*33-5006	ELIGIBILITY INTERVIEWERS, GOVERNMENT PROGRAMS.
5264	Child Care Workers, Except Private Household.	*41-5001	CHILD CARE WORKERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
5269	Personal Service Occupations, Not Elsewhere Classified.	41-4002	CONCIERGES.
		41-5002	FUNERAL ATTENDANTS.
		41-5004	MASSEUSES/MASSEURS.
		41-5006	PERSONAL AND HOME CARE AIDES.
		*41-5999	PERSONAL CARE AND SERVICE WORKERS, ALL OTHER.
	Agricultural, Forestry and Fishing Occupations.		
55 FARM OPERATORS AND MANAGERS:			
551 FARMERS (WORKING PROPRIETORS):			
5512	General Farmers	*11-3012	FARMERS AND RANCHERS.
5513	Crop, Vegetable, Fruit and Tree Nut Farmers.	*11-3012	FARMERS AND RANCHERS.
5514	Livestock, Dairy, Poultry and Fish Farmers.	*11-3012	FARMERS AND RANCHERS.
5515	Horticultural Specialty Farmers	*11-3012	FARMERS AND RANCHERS.
552 FARM MANAGERS:			
5522	Managers; General Farm	*11-3011	FARM, RANCH, AND OTHER AGRICULTURAL MANAGERS.
5523	Managers; Crop, Vegetable, Fruit and Tree Nut Farm.	*11-3011	FARM, RANCH, AND OTHER AGRICULTURAL MANAGERS.
5524	Managers; Livestock, Dairy, Poultry and Fish Farm.	*11-3011	FARM, RANCH, AND OTHER AGRICULTURAL MANAGERS.
5525	Managers; Horticultural Specialty Farm ...	*11-3011	FARM, RANCH, AND OTHER AGRICULTURAL MANAGERS.
56	OTHER AGRICULTURAL AND RELATED OCCUPATIONS:	39-3099	GROUPS MAINTENANCE WORKERS, ALL OTHER.
		43-3099	AGRICULTURAL PRODUCTION WORKERS, ALL OTHER.
561 FARM OCCUPATIONS, EXCEPT MANAGERIAL:			
5611	Supervisors; Farm Workers	*43-1001	FIRST-LINE SUPERVISORS/MANAGERS OF FARMING, FORESTRY, AND RELATED WORKERS.
5612	General Farm Workers	*43-3003	FARM LABOR CONTRACTORS.
5613	Field Crop and Vegetable Farm Workers (Hand).	*43-3003	FARM LABOR CONTRACTORS.
		*43-3012	FARMWORKERS AND LABORERS, CROP, NURSERY, AND GREENHOUSE.
5614	Orchard and Vineyard and Related Workers (Hand).		
5615	Irrigation Workers	*43-5999	FARMING, FISHING, AND FORESTRY WORKERS, ALL OTHER.
5616	Farm Machinery Operators	43-3011	AGRICULTURAL EQUIPMENT OPERATORS.
5617	Livestock Workers	43-3013	FARMWORKERS, FARM AND RANCH ANIMALS.
5618	Marine Life Cultivation Workers	*43-4001	FISHERS AND RELATED FISHING WORKERS.
5619	Nursery Workers	*43-3012	FARMWORKERS AND LABORERS, CROP, NURSERY, AND GREENHOUSE.
562	RELATED AGRICULTURAL OCCUPATIONS:	43-2099	ANIMAL SERVICE WORKERS, ALL OTHER.
5621	Supervisors; Related Agricultural Workers.	39-1002	FIRST-LINE SUPERVISORS/MANAGERS OF LANDSCAPING, LAWN SERVICE, AND GROUNDSKEEPING WORKERS.
		*43-1001	FIRST-LINE SUPERVISORS/MANAGERS OF FARMING, FORESTRY, AND RELATED WORKERS.
5622	Groundskeepers and Gardeners, Except Farm.	39-3001	LANDSCAPING AND GROUNDSKEEPING LABORERS.
		39-3002	PESTICIDE HANDLERS, SPRAYERS, AND APPLICATORS, VEGETATION.
		39-3003	TREE TRIMMERS AND PRUNERS.
5624	Animal Caretakers, Except Farm	43-2001	ANIMAL TRAINERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
5625	Graders and Sorters; Agricultural Products.	*43-2002	VETERINARY ASSISTANTS AND NON-FARM ANIMAL CARETAKERS.
5627	Inspectors; Agricultural Products	43-3002	GRADERS AND SORTERS, AGRICULTURAL PRODUCTS.
57 FORESTRY AND LOGGING OCCUPATIONS:		*43-5999	FARMING, FISHING, AND FORESTRY WORKERS, ALL OTHER.
571	SUPERVISORS; FORESTRY AND LOGGING WORKERS.	*43-1001	FIRST-LINE SUPERVISORS/MANAGERS OF FARMING, FORESTRY, AND RELATED WORKERS.
572	FORESTRY WORKERS, EXCEPT LOGGING.	43-5001	FOREST AND CONSERVATION WORKERS.
573	TIMBER CUTTING AND RELATED OCCUPATIONS.	43-5011	FALLERS.
579	LOGGING OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.	43-5019	LOGGING WORKERS, ALL OTHER.
58 FISHERS, HUNTERS, AND TRAPPERS:		*43-5999	FARMING, FISHING, AND FORESTRY WORKERS, ALL OTHER.
583	FISHERS	*43-4001	FISHERS AND RELATED FISHING WORKERS.
584	HUNTERS AND TRAPPERS	43-4002	HUNTERS AND TRAPPERS.
60	Mechanics and Repairers. SUPERVISORS; MECHANICS AND REPAIRERS.	47-1001	FIRST-LINE SUPERVISORS/MANAGERS OF MECHANICS, INSTALLERS, AND REPAIRERS.
61	MECHANICS AND REPAIRERS.		
611	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS.		
6111	Automobile Mechanics	47-3004	AUTOMOTIVE MECHANICS AND SERVICE TECHNICIANS.
6112	Bus and Truck Engine, and Diesel Engine Mechanics.	47-3006	BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS.
6113	Aircraft Engine Mechanics	*47-3001	AIRCRAFT MECHANICS AND SERVICE TECHNICIANS.
6114	Small Engine Repairers	47-3011	MOTORCYCLE MECHANICS.
6115	Automotive Body and Related Repairers	47-3014	SMALL ENGINE REPAIRERS.
		47-3002	AUTOMOTIVE BODY AND RELATED REPAIRERS.
		47-3003	AUTOMOTIVE GLASS INSTALLERS AND REPAIRERS.
6116	Aircraft Mechanics (Except Engine Specialists).	*47-3001	AIRCRAFT MECHANICS AND SERVICE TECHNICIANS.
6117	Heavy Equipment Mechanics	47-3008	MOBILE HEAVY EQUIPMENT MECHANICS, EXCEPT ENGINES.
		47-3012	RAIL CAR REPAIRERS.
6118	Farm Equipment Mechanics	47-3007	FARM EQUIPMENT MECHANICS.
613	INDUSTRIAL MACHINERY REPAIRERS	47-4008	INDUSTRIAL MACHINERY MECHANICS.
614	MACHINERY MAINTENANCE OCCUPATIONS.	47-4013	MAINTENANCE WORKERS, MACHINERY.
615	ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS.		
6151	Communications Equipment Repairers	47-2002	RADIO MECHANICS.
		*47-2003	TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND REPAIRERS.
		47-4024	SIGNAL AND TRACK SWITCH REPAIRERS.
6152	Electric Motor, Transformer, and Related Repairers.	47-2012	ELECTRIC MOTOR, POWER TOOL, AND RELATED REPAIRERS.
6153	Electrical and Electronic Repairers, Commercial and Industrial Equipment.	47-2014	ELECTRICAL AND ELECTRONICS REPAIRERS, COMMERCIAL AND INDUSTRIAL EQUIPMENT.
		*47-4004	ELECTRICAL POWER-LINE INSTALLERS AND REPAIRERS.
6154	Data Processing Equipment Repairers	*47-2001	COMPUTER, AUTOMATED TELLER, AND OFFICE MACHINE REPAIRERS.
6155	Electronic Repairers, Home-entertainment Equipment.	47-2015	ELECTRONIC HOME ENTERTAINMENT EQUIPMENT REPAIRERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
6156	Household Appliance and Power Tool Repairers.	47-4007	HOME APPLIANCE REPAIRERS.
6157	Telephone Line Installers and Repairers	47-4025	TELECOMMUNICATIONS LINE INSTALLERS AND REPAIRERS.
6158	Telephone Installers and Repairers	*47-2003	TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND REPAIRERS.
6159	Miscellaneous Electrical and Electronic Equipment Repairers.	47-2011	AVIONICS TECHNICIANS.
		47-2013	ELECTRICAL AND ELECTRONICS INSTALLERS AND REPAIRERS, TRANSPORTATION EQUIPMENT.
616	HEATING, AIR-CONDITIONING, AND REFRIGERATION MECHANICS.	*47-4004	ELECTRICAL POWER-LINE INSTALLERS AND REPAIRERS.
617	HEATING, AIR-CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS.	47-4006	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS.
6171	MISCELLANEOUS MECHANICS AND REPAIRERS: Camera, Watch, and Other Precision Instrument Repairers.	47-4001	CAMERA AND PHOTOGRAPHIC EQUIPMENT REPAIRERS.
		47-4016	MEDICAL EQUIPMENT REPAIRERS.
		47-4021	PRECISION INSTRUMENT REPAIRERS.
		47-4027	WATCH REPAIRERS.
6172	Musical Instrument Repairers and Tuners.	47-4018	MUSICAL INSTRUMENT REPAIRERS AND TUNERS.
6173	Locksmiths and Safe Repairers	47-4011	LOCKSMITHS AND SAFE REPAIRERS.
6174	Office Machine Repairers	*47-2001	COMPUTER, AUTOMATED TELLER, AND OFFICE MACHINE REPAIRERS.
6175	Mechanical Controls and Valve Repairers.	47-4003	CONTROL AND VALVE INSTALLERS AND REPAIRERS.
		47-4015	MECHANICAL DOOR REPAIRERS.
6176	Elevator Installers and Repairers	45-2063	ELEVATOR INSTALLERS AND REPAIRERS.
6177	Riggers	47-4023	RIGGERS.
6178	Millwrights	47-4017	MILLWRIGHTS.
6179	Mechanics and Repairers, Not Elsewhere Classified.	47-3005	BICYCLE REPAIRERS.
		47-3013	RECREATIONAL VEHICLE SERVICE TECHNICIANS.
		47-4002	COIN, VENDING, AND AMUSEMENT MACHINE SERVICERS AND REPAIRERS.
		47-4005	FABRIC MENDERS, EXCEPT GARMENT.
		47-4012	MAINTENANCE AND REPAIR WORKERS, GENERAL.
		47-4014	MANUFACTURED BUILDING AND MOBILE HOME INSTALLERS.
		47-4022	REFRACTORY MATERIALS REPAIRERS, EXCEPT BRICKMASON.
		47-4026	TIRE REPAIRERS AND CHANGERS.
		47-4999	INSTALLATION, MAINTENANCE, AND REPAIR WORKERS, ALL OTHER.
63	Construction and Extractive Occupations. SUPERVISORS; CONSTRUCTION AND EXTRACTIVE OCCUPATIONS.		
631	SUPERVISORS; CONSTRUCTION		
6311	Supervisors; Overall Construction	*45-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.
6312	Supervisors; Brickmasons, Stonemasons, and Hard Tile Setters.	*45-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.
6313	Supervisors; Carpenters and Related Workers.	*45-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
6314	Supervisors; Electricians and Power Transmission Installers.	*45-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.
6315	Supervisors; Painters, Paperhangers, and Plasterers.	*45-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.
6316	Supervisors; Plumbers and Pipefitters and Steamfitters.	*45-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.
6318	Supervisors; Other Construction Trades.	*45-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.
632	SUPERVISORS; EXTRACTIVE OCCUPATIONS.	*45-1001	FIRST-LINE SUPERVISORS/MANAGERS OF CONSTRUCTION TRADES AND EXTRACTIVE WORKERS.
64 CONSTRUCTION TRADES:			
641	BRICKMASONS, STONEMASONS, AND HARD TILE SETTERS:		
6412	Brickmasons	45-2011	BRICKMASONS AND BLOCKMASONS.
6413	Stonemasons	45-2012	STONEMASONS.
6414	Tile Setters, Hard	45-2072	TILE AND MARBLE SETTERS.
642 CARPENTERS AND RELATED WORKERS:			
6422	Carpenters	45-2021	CARPENTERS.
6424	Drywall Installers	45-2051	DRYWALL AND CEILING TILE INSTALLERS.
		45-2052	TAPERS.
643 ELECTRICIANS AND POWER TRANSMISSION INSTALLERS:			
6432	Electricians	45-2061	ELECTRICIANS.
	.....	45-2062	SECURITY AND FIRE ALARM SYSTEMS INSTALLERS.
6433	Electrical Power Installers and Repairers	*47-4004	ELECTRICAL POWER-LINE INSTALLERS AND REPAIRERS.
644 PAINTERS, PAPERHANGERS, AND PLASTERERS:			
6442	Painters (Construction and Maintenance)	45-2101	PAINTERS, CONSTRUCTION AND MAINTENANCE.
6443	Paperhangers	45-2102	PAPERHANGERS.
6444	Plasterers	45-2121	PLASTERERS AND STUCCO MASONS.
645	PLUMBERS, PIPEFITTERS AND STEAMFITTERS:.	45-2112	PLUMBERS, PIPEFITTERS, AND STEAMFITTERS.
646-7 OTHER CONSTRUCTION TRADES:			
6462	Carpet and Soft Tile Installers	45-2022	CARPET INSTALLERS.
		45-2071	FLOOR LAYERS, EXCEPT CARPET, WOOD, AND HARD TILES.
6463	Concrete and Terrazzo Finishers	45-2031	CONCRETE FINISHERS AND CEMENT MASONS.
		45-2032	TERRAZZO WORKERS AND FINISHERS.
6464	Glaziers	45-2082	GLAZIERS.
6465	Insulation Workers	45-2091	INSULATION WORKERS, FLOOR, CEILING, AND WALL.
		45-2092	INSULATION WORKERS, MECHANICAL.
6466	Paving, Surfacing, and Tamping Equipment Operators.	*45-2041	CONSTRUCTION EQUIPMENT OPERATORS.
6467	Rail and Track Laying Equipment Operators.	45-2122	RAIL-TRACK LAYING AND MAINTENANCE EQUIPMENT OPERATORS.
6468	Roofers	45-2124	ROOFERS.
6472	Sheetmetal Duct Installers	*45-2126	SHEET METAL WORKERS.
6473	Structural Metal Workers	45-2123	REINFORCING IRON AND REBAR WORKERS.
		45-2127	STRUCTURAL IRON AND STEEL WORKERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
6474	Drillers, Earth	45-3021	EARTH DRILLERS, EXCEPT OIL AND GAS.
6475	Air Hammer Operators	*45-2042	CONSTRUCTION LABORERS.
6476	Pile Driving Operators	45-3041	ROCK SPLITTERS, QUARRY.
6479	Construction Trades, Not Elsewhere Classified.	*45-2041	CONSTRUCTION EQUIPMENT OPERATORS.
		45-2064	FENCE ERECTORS.
		45-2081	FLOOR SANDERS AND FINISHERS.
		45-2083	HAZARDOUS MATERIALS REMOVAL WORKERS.
		45-2084	HIGHWAY MAINTENANCE WORKERS.
		45-2111	PIPELAYERS.
		45-2125	SEPTIC TANK SERVICERS AND SEWER PIPE CLEANERS.
		45-2199	CONSTRUCTION TRADES WORKERS, ALL OTHER.
65 EXTRACTIVE OCCUPATIONS:			
652	DRILLERS, OIL WELL	45-3011	DERRICK OPERATORS, OIL AND GAS.
		45-3012	ROTARY DRILL OPERATORS, OIL AND GAS.
653	EXPLOSIVE WORKERS	45-3022	EXPLOSIVES WORKERS, ORDNANCE HANDLING EXPERTS, AND BLASTERS.
654	MINING MACHINE OPERATORS	45-3031	CONTINUOUS MINING MACHINE OPERATORS.
		45-3032	MINE CUTTING AND CHANNELING MACHINE OPERATORS.
		45-3039	MINING MACHINE OPERATORS, ALL OTHER.
		45-3099	EXTRACTIVE WORKERS, EXCEPT HELPERS, ALL OTHER.
656	EXTRACTIVE OCCUPATIONS, NOT ELSEWHERE CLASSIFIED.	45-3013	SERVICE UNIT OPERATORS, OIL, GAS, AND MINING.
		45-3042	ROOF BOLTERS, MINING.
		45-3043	ROUSTABOUTS, OIL AND GAS.
67	Precision Production Occupations SUPERVISORS; PRECISION PRODUCTION OCCUPATIONS.	*49-1001	FIRST-LINE SUPERVISORS/MANAGERS OF PRODUCTION AND OPERATING WORKERS.
68 PRECISION PRODUCTION OCCUPATIONS:			
681-2 PRECISION METAL WORKERS:			
6811	Tool and Die Makers	49-4041	TOOL AND DIE MAKERS.
6812	Precision Assemblers (Metal)	49-2001	AIRCRAFT STRUCTURE, SURFACES, RIGGING, AND SYSTEMS ASSEMBLERS.
		*49-2012	ELECTROMECHANICAL EQUIPMENT ASSEMBLERS.
		*49-2021	ENGINE AND OTHER MACHINE ASSEMBLERS.
		*49-4038	STRUCTURAL METAL FABRICATORS AND FITTERS.
6813	Machinists	49-4012	MACHINISTS.
6814	Boilermakers	45-2001	BOILERMAKERS.
6816	Precision Grinders, Filers, and Tool Sharpeners.	49-4042	TOOL GRINDERS, FILERS, AND SHARPENERS.
6817	Patternmakers and Model Makers (Metal)	*49-4021	MODEL MAKERS, METAL AND PLASTIC.
		*49-4022	PATTERNMAKERS, METAL AND PLASTIC.
6821	Lay-out Workers	49-4011	LAY-OUT WORKERS, METAL AND PLASTIC.
6822	Precision Hand Molders and Shapers (Jewelers).	*49-9017	JEWELERS AND PRECIOUS STONE AND METAL WORKERS.
6823	Engravers	*49-9012	ETCHERS AND ENGRAVERS.
6824	Sheet Metal Workers	*45-2126	SHEET METAL WORKERS.
6829	Miscellaneous Precision Metal Workers ..	*49-9999	PRODUCTION WORKERS, ALL OTHER.
683 PRECISION WOODWORKERS:			
6831	Patternmakers and Model Makers, Wood	49-7011	MODEL MAKERS, WOOD.
		49-7012	PATTERNMAKERS, WOOD.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
6832	Cabinet Makers and Bench Carpenters ...	49-7001	CABINETMAKERS AND BENCH CARPENTERS.
6835	Furniture Finishers	49-7002	FURNITURE FINISHERS.
6839	Miscellaneous Precision Woodworkers	49-7099	WOODWORKERS, ALL OTHER.
684 PRECISION PRINTING OCCUPATIONS:			
6841	Precision Typesetters	*49-5005	PREPRESS TECHNICIANS AND WORKERS.
6842	Precision Lithographers and Photoengravers.	*49-5005	PREPRESS TECHNICIANS AND WORKERS.
6844	Bookbinders	49-5002	BOOKBINDERS.
6849	Miscellaneous Precision Printing Occupations.	49-5003	DESKTOP PUBLISHING SPECIALISTS.
		49-5004	JOB PRINTERS.
		*49-5005	PREPRESS TECHNICIANS AND WORKERS.
685 PRECISION TEXTILE, APPAREL AND FURNISHINGS WORKERS:			
6852	Tailors and Dressmakers, Hand	49-6012	TAILORS, DRESSMAKERS, AND CUSTOM SEWERS.
6853	Upholsterers	49-6025	UPHOLSTERERS.
6854	Shoemakers and Leather Workers and Repairers.	49-6006	SHOE AND LEATHER WORKERS AND REPAIRERS.
6855	Precision Laundering, Cleaning, and Dyeing Occupations.	*49-6003	LAUNDRY AND DRY-CLEANING WORKERS.
		*49-6004	PRESSERS, TEXTILE, GARMENT, AND RELATED MATERIALS.
6856	Apparel and Fabric Patternmakers	49-6002	FABRIC AND APPAREL PATTERNMAKERS.
6859	Miscellaneous Precision Apparel and Fabric Workers.	*49-6099	TEXTILE, APPAREL, AND FURNISHINGS WORKERS, ALL OTHER.
686 PRECISION WORKERS; ASSORTED MATERIALS:			
6861	Precision Hand Molders and Shapers (Except Jewelers).	49-4031	MOLDERS, SHAPERS, AND COREMAKERS.
6862	Precision Patternmakers, Lay-out Workers and Cutters.	*49-4021	MODEL MAKERS, METAL AND PLASTIC.
		*49-4022	PATTERNMAKERS, METAL AND PLASTIC.
6863	Detail Design Painters and Decorators	*49-9026	PAINTING, COATING, AND DECORATING WORKERS.
6864	Optical Goods Workers	49-9023	OPHTHALMIC LABORATORY TECHNICIANS.
6865	Dental Laboratory Technicians	49-9011	DENTAL LABORATORY TECHNICIANS.
6866	Gem and Diamond Working Occupations	*49-9017	JEWELERS AND PRECIOUS STONE AND METAL WORKERS.
6867	Precision Electrical and Electronic Equipment Assemblers.	*49-2011	ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS.
		*49-2012	ELECTROMECHANICAL EQUIPMENT ASSEMBLER.
6868	Photographic Process Workers	49-9031	PHOTOGRAPHIC PROCESS WORKERS.
6869	Miscellaneous Precision Workers, Not Elsewhere Classified.	49-9018	MEDICAL APPLIANCE TECHNICIANS.
		*49-9999	PRODUCTION WORKERS, ALL OTHER.
687 PRECISION FOOD PRODUCTION OCCUPATIONS:			
6871	Butchers and Meat Cutters	49-3011	BUTCHERS AND MEAT CUTTERS.
		49-3013	SLAUGHTERERS AND MEAT PACKERS.
6872	Bakers	49-3001	BAKERS.
6873	Batchmakers (Candymakers, Cheesemakers, Etc.).	49-3022	FOOD BATCHMAKERS.
6879	Miscellaneous Precision Food Workers ...	*49-9999	PRODUCTION WORKERS, ALL OTHER.
688 PRECISION INSPECTORS, TESTERS, AND RELATED WORKERS:			
6881	Precision Inspectors, Testers, and Graders.	*49-9016	INSPECTORS, TESTERS, SORTERS, SAMPLERS, AND WEIGHERS.
6882	Precision Adjusters and Calibrators	*49-2024	TIMING DEVICE ASSEMBLERS, ADJUSTERS, AND CALIBRATORS.
69	PLANT AND SYSTEM OPERATORS:		

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
691	WATER AND SEWAGE TREATMENT PLANT OPERATORS.	49-8022	WATER AND LIQUID WASTE TREATMENT PLANT AND SYSTEM OPERATORS.
692	GAS PLANT OPERATORS	49-8002	GAS PLANT OPERATORS.
693	POWER PLANT OPERATORS		
6931	Stationary Engineers	*49-8021	STATIONARY ENGINEERS AND BOILER OPERATORS.
6932	Power Plant and Systems Operators, except Stationary Engineers.	49-8011	NUCLEAR POWER REACTOR OPERATORS.
		49-8012	POWER DISTRIBUTORS AND DISPATCHERS
		49-8013	POWER PLANT OPERATORS.
694	CHEMICAL PLANT OPERATORS	49-8001	CHEMICAL PLANT AND SYSTEM OPERATORS.
695	PETROLEUM PLANT OPERATORS	49-8003	PETROLEUM PUMP SYSTEM OPERATORS, REFINERY OPERATORS, AND GAUGERS.
696	MISCELLANEOUS PLANT OR SYSTEM OPERATORS.	49-8099	PLANT AND SYSTEM OPERATORS, ALL OTHER.
71	Production Working Occupations SUPERVISORS; PRODUCTION OCCUPATIONS.	*49-1001	FIRST-LINE SUPERVISORS/MANAGERS OF PRODUCTION AND OPERATING WORKERS.
73-74	MACHINE SETUP OPERATORS:		
731-2	METALWORKING AND PLASTIC WORKING MACHINE SETUP OPERATORS:		
7312	Lathe and Turning Machine Setup Operators.	*49-4008	LATHE AND TURNING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7313	Milling and Planing Machine Setup Operators.	*49-4014	MILLING AND PLANING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7314	Punching and Shearing Machine Setup Operators.	*49-4002	CUTTING, PUNCHING, AND PRESS MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7315	Extruding and Drawing Machine Setup Operators.	*49-4004	EXTRUDING AND DRAWING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7316	Rolling Machine Setup Operators	*49-4037	ROLLING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7317	Press and Brake Machine Setup Operators.	*49-4002	CUTTING, PUNCHING, AND PRESS MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7318	Drilling and Boring Machine Setup Operators.	*49-4003	DRILLING AND BORING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7319	Forging Machine Setup Operators	*49-4005	FORGING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7322	Grinding, Abrading, Buffing, and Polishing Machine Setup Operators.	*49-4006	GRINDING, LAPPING, POLISHING, AND BUFFING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7324	Lapping and Honing Machine Setup Operators.	*49-4006	GRINDING, LAPPING, POLISHING, AND BUFFING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7326	Numerical Control Machine Setup Operators.	49-4001	COMPUTER-CONTROLLED MACHINE TOOL OPERATORS, METAL AND PLASTIC.
7329	Miscellaneous Metalworking and Plastic Working Machine Setup Operators.	49-4033	MULTIPLE MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
		*49-4099	MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC, ALL OTHER.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
733 METAL FABRICATING MACHINE SETUP OPERATORS:			
7332	Welding Machine Setup Operators	*49-4052	WELDING, SOLDERING, AND BRAZING MACHINE SETTERS, OPERATORS, AND TENDERS.
7333	Soldering and Brazing Machine Setup Operators.	*49-4052	WELDING, SOLDERING, AND BRAZING MACHINE SETTERS, OPERATORS, AND TENDERS.
7339	Miscellaneous Fabricating Machine Setup Operators.	*49-4038	STRUCTURAL METAL FABRICATORS AND FITTERS.
		*49-4099	MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC, ALL OTHER.
734 METAL AND PLASTIC PROCESSING MACHINE SETUP OPERATORS:			
7342	Molding and Casting Machine Setup Operators.	*49-4032	MOLDING, COREMAKING, AND CASTING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7343	Plating and Coating Machine Setup Operators.	*49-4035	PLATING AND COATING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7344	Heating Equipment Setup Operators	*49-4007	HEAT TREATING EQUIPMENT SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7349	Miscellaneous Metal and Plastic Processing Machine Setup Operators.	*49-4099	MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC, ALL OTHER.
		*49-9999	PRODUCTION WORKERS, ALL OTHER.
743 WOODWORKING MACHINE SETUP OPERATORS:			
7431	Lathe and Turning Machine Setup Operators.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7432	Router and Planer Machine Setup Operators.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7433	Sawing Machine Setup Operators	*49-7021	SAWING MACHINE SETTERS, OPERATORS, AND TENDERS, WOOD.
7434	Sanding Machine Setup Operators	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7435	Shaping and Joining Machine Setup Operators.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7439	Miscellaneous Woodworking Machine Setup Operators.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
744 PRINTING MACHINE SETUP OPERATORS:			
7443	Printing Press Setup Operators	*49-5006	PRINTING MACHINE OPERATORS.
7444	Photoengraving and Lithographing Machine Setup Operators.	*49-5005	PREPRESS TECHNICIANS AND WORKERS.
7449	Miscellaneous Printing Machine Setup Operators.	*49-5001	BINDERY WORKERS.
		*49-5006	PRINTING MACHINE OPERATORS.
745 TEXTILE MACHINE SETUP OPERATORS:			
7451	Winding and Twisting Machine Setup Operators.	*49-6024	TEXTILE WINDING, TWISTING, AND DRAWING OUT MACHINE SETTERS, OPERATORS, AND TENDERS.
7452	Knitting and Weaving Machine Setup Operators.	*49-6024	TEXTILE WINDING, TWISTING, AND DRAWING OUT MACHINE SETTERS, OPERATORS, AND TENDERS.
7459	Textile Machine Setup Operators, Not Elsewhere Classified.	*49-6024	TEXTILE WINDING, TWISTING, AND DRAWING OUT MACHINE SETTERS, OPERATORS, AND TENDERS.
		*49-6099	TEXTILE, APPAREL, AND FURNISHINGS WORKERS, ALL OTHER.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
746-7 ASSORTED MATERIALS: MACHINE SETUP OPERATORS:			
7462	Packaging and Filling Machine Setup Operators.	*49-9024	PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS.
7463	Extruding and Forming Machine Setup Operators.	*49-9013	EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE SETTERS, OPERATORS, AND TENDERS.
7467	Compressing and Compacting Machine Setup Operators.	*49-9013	EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE SETTERS, OPERATORS, AND TENDERS.
7472	Roasting and Baking Machine Setup Operators.	*49-3021	FOOD AND TOBACCO ROASTING, BAKING, AND DRYING MACHINE OPERATORS AND TENDERS.
7474	Folding Machine Setup Operators	*49-9027	PAPER GOODS MACHINE SETTERS, OPERATORS, AND TENDERS.
7476	Still, Clarifying, and Precipitating Machine Setup Operators.	*49-9042	SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE SETTERS, OPERATORS, AND TENDERS.
7477	Crushing, Grinding and Polishing Machine Setup Operators.	*49-9006	CRUSHING, GRINDING, AND POLISHING MACHINE SETTERS, OPERATORS, AND TENDERS.
7478	Slicing and Cutting Machine Setup Operators.	*49-9008	CUTTING AND SLICING MACHINE SETTERS, OPERATORS, AND TENDERS.
7479	Miscellaneous Machine Setup Operators	29-2008 *49-9999	MOTION PICTURE PROJECTIONISTS. PRODUCTION WORKERS, ALL OTHER.
75-76 MACHINE OPERATORS AND TENDERS:			
751-2 METALWORKING AND PLASTIC WORKING MACHINE OPERATORS AND TENDERS:			
7512	Lathe and Turning Machine Operators and Tenders.	*49-4008	LATHE AND TURNING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7513	Milling and Planing Machine Operators and Tenders.	*49-4014	MILLING AND PLANING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7514	Punching and Shearing Machine Operators and Tenders.	*49-4002	CUTTING, PUNCHING, AND PRESS MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7515	Extruding and Drawing Machine Operators and Tenders.	*49-4004	EXTRUDING AND DRAWING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7516	Rolling Machine Operators and Tenders	*49-4037	ROLLING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7517	Press and Brake Machine Operators and Tenders.	*49-4002	CUTTING, PUNCHING, AND PRESS MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7518	Drilling and Boring Machine Operators and Tenders.	*49-4003	DRILLING AND BORING MACHINE TOOL SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7519	Forging Machine Operators and Tenders	*49-4005	FORGING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7522	Grinding, Abrading, Buffing and Polishing Machine Operators and Tenders.	*49-9006	CRUSHING, GRINDING, AND POLISHING MACHINE SETTERS, OPERATORS, AND TENDERS.
7529	Miscellaneous Metalworking and Plastic Working Machine Operators and Tenders.	*49-4099	MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC, ALL OTHER.
753 METAL FABRICATING MACHINE OPERATORS AND TENDERS:			
7532	Welding Machine Operators and Tenders	*49-4052	WELDING, SOLDERING, AND BRAZING MACHINE SETTERS, OPERATORS, AND TENDERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
7533	Soldering and Brazing Machine Operators and Tenders.	*49-4052	WELDING, SOLDERING, AND BRAZING MACHINE SETTERS, OPERATORS, AND TENDERS.
7539	Miscellaneous Fabricating Machine Operators and Tenders.	*49-4099	MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC, ALL OTHER.
754 METAL AND PLASTIC PROCESSING MACHINE OPERATORS AND TENDERS:		*49-9999	PRODUCTION WORKERS, ALL OTHER.
7542	Molding and Casting Machine Operators and Tenders.	*49-4032	MOLDING, COREMAKING, AND CASTING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7543	Plating and Coating Machine Operators and Tenders.	*49-4035	PLATING AND COATING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
7544	Heating Equipment Operators and Tenders.	*49-4007	HEAT TREATING EQUIPMENT SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC.
		49-4013	METAL-REFINING FURNACE OPERATORS AND TENDERS.
7549	Miscellaneous Metal and Plastic Processing Machine Operators and Tenders.	*49-4099	MACHINE SETTERS, OPERATORS, AND TENDERS, METAL AND PLASTIC, ALL OTHER.
		*49-9999	PRODUCTION WORKERS, ALL OTHER.
763 WOODWORKING MACHINE OPERATORS AND TENDERS:			
7631	Lathe and Turning Machine Operators and Tenders.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7632	Router and Planer Machine Operators and Tenders.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7633	Sawing Machine Operators and Tenders	*49-7021	SAWING MACHINE SETTERS, OPERATORS, AND TENDERS, WOOD.
7634	Sanding Machine Operators and Tenders	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7635	Shaping and Joining Machine Operators and Tenders.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7636	Nailing and Tacking Machine Operators and Tenders.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
7639	Miscellaneous Woodworking Machine Operators and Tenders.	*49-7022	WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING.
		*49-9999	PRODUCTION WORKERS, ALL OTHER.
		*49-9999	PRODUCTION WORKERS, ALL OTHER.
764 PRINTING MACHINE OPERATORS AND TENDERS:			
7642	Typesetting and Composing Machine Operators and Tenders.	*49-5005	PREPRESS TECHNICIANS AND WORKERS.
7643	Printing Machine Operators and Tenders	*49-5006	PRINTING MACHINE OPERATORS.
7644	Photoengraving and Lithographing Machine Operators and Tenders.	*49-5005	PREPRESS TECHNICIANS AND WORKERS.
7649	Printing Machine Operators and Tenders, Not Elsewhere Classified.	*49-5001	BINDERY WORKERS.
		*49-5006	PRINTING MACHINE OPERATORS.
765 TEXTILE, APPAREL AND FURNISHINGS MACHINE OPERATORS AND TENDERS:			
7651	Winding and Twisting Machine Operators and Tenders.	*49-6024	TEXTILE WINDING, TWISTING, AND DRAWING OUT MACHINE SETTERS, OPERATORS, AND TENDERS.
7652	Knitting and Weaving Machine Operators and Tenders.	49-6023	TEXTILE KNITTING AND WEAVING MACHINE SETTERS, OPERATORS, AND TENDERS.
7654	Textile Cutting Machine Operators and Tenders.	49-6022	TEXTILE CUTTING MACHINE SETTERS, OPERATORS, AND TENDERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
7655	Textile Sewing Machine Operators and Tenders.	49-6005	SEWING MACHINE OPERATORS.
7656	Shoe Machine Operators and Tenders	49-6007	SHOE MACHINE OPERATORS AND TENDERS.
7657	Pressing Machine Operators	*49-6004	PRESSERS, TEXTILE, GARMENT, AND RELATED MATERIALS.
7658	Laundering and Dry Cleaning Machine Operators and Tenders.	*49-6003	LAUNDRY AND DRY-CLEANING WORKERS.
7659	Miscellaneous Textile Machine Operators and Tenders.	49-6021	TEXTILE BLEACHING AND DYEING MACHINE OPERATORS AND TENDERS.
		*49-6099	TEXTILE, APPAREL, AND FURNISHINGS WORKERS, ALL OTHER.
766-7 MACHINE OPERATORS AND TENDERS; ASSORTED MATERIALS:			
7661	Cementing and Gluing Machine Operators and Tenders.	49-9001	CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS.
7662	Packaging and Filling Machine Operators and Tenders.	*49-9024	PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS.
7663	Extruding and Forming Machine Operators and Tenders.	49-6001	EXTRUDING AND FORMING MACHINE SETTERS, OPERATORS, AND TENDERS, SYNTHETIC AND GLASS FIBERS.
7664	Mixing and Blending Machine Operators and Tenders.	49-9021	MIXING AND BLENDED MACHINE SETTERS, OPERATORS, AND TENDERS.
7665	Cooling and Freezing Equipment Operators and Tenders.	49-9005	COOLING AND FREEZING EQUIPMENT OPERATORS AND TENDERS.
7666	Separating and Filtering Machine Operators and Tenders.	*49-9002	CHEMICAL EQUIPMENT OPERATORS AND TENDERS.
		*49-9042	SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE SETTERS, OPERATORS, AND TENDERS.
7667	Compressing and Compacting Machine Operators and Tenders.	*49-2022	FIBERGLASS LAMINATORS AND FABRICATORS.
		*49-9013	EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE SETTERS, OPERATORS, AND TENDERS.
7668	Boiler Operators and Tenders (Low Pressure).	*49-8021	STATIONARY ENGINEERS AND BOILER OPERATORS.
7669	Coating, Painting, and Spraying Machine Operators and Tenders.	49-9004	COATING, PAINTING, AND SPRAYING MACHINE SETTERS, OPERATORS, AND TENDERS.
		49-9025	PAINTERS, TRANSPORTATION EQUIPMENT.
7671	Photographic Processing Machine Operators.	49-9032	PHOTOGRAPHIC PROCESSING MACHINE OPERATORS.
7672	Roasting and Baking Machine Operators and Tenders.	*49-3021	FOOD AND TOBACCO ROASTING, BAKING, AND DRYING MACHINE OPERATORS AND TENDERS.
7673	Washing, Cleaning and Pickling Equipment Operators and Tenders.	49-9003	CLEANING, WASHING, AND METAL PICKLING EQUIPMENT OPERATORS AND TENDERS.
7674	Folding Machine Operators and Tenders	*49-9027	PAPER GOODS MACHINE SETTERS, OPERATORS, AND TENDERS.
7675	Furnace, Kiln, and Oven Operators and Tenders.	49-9014	FURNACE, KILN, OVEN, DRIER, AND KETTLE OPERATORS AND TENDERS.
7676	Still, Clarifier and Precipitator Operators and Tenders.	*49-9002	CHEMICAL EQUIPMENT OPERATORS AND TENDERS.
		*49-9042	SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE SETTERS, OPERATORS, AND TENDERS.
7677	Crushing, Grinding and Polishing Machine Operators and Tenders.	*49-9006	CRUSHING, GRINDING, AND POLISHING MACHINE SETTERS, OPERATORS, AND TENDERS.
7678	Slicing and Cutting Machine Operators and Tenders.	*49-9008	CUTTING AND SLICING MACHINE SETTERS, OPERATORS, AND TENDERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
7679	Miscellaneous Machine Operators and Tenders, Not Elsewhere Classified.	49-3023	FOOD COOKING MACHINE OPERATORS AND TENDERS.
		49-9043	TIRE BUILDING MACHINE OPERATORS.
		*49-9999	PRODUCTION WORKERS, ALL OTHER.
77 FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS:			
771 WELDERS AND SOLDERERS:			
7714	Welders And Cutters	*49-4051	WELDERS, CUTTERS, SOLDERERS, AND BRAZERS.
7717	Solderers And Brazers	*49-4051	WELDERS, CUTTERS, SOLDERERS, AND BRAZERS.
772	ASSEMBLERS	49-2002	COIL WINDERS, TAPERS, AND FINISHERS.
		*49-2011	ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS.
		*49-2021	ENGINE AND OTHER MACHINE ASSEMBLERS.
		*49-2022	FIBERGLASS LAMINATORS AND FABRICATORS.
		49-2023	TEAM ASSEMBLERS.
		*49-2024	TIMING DEVICE ASSEMBLERS, ADJUSTERS, AND CALIBRATORS.
		49-9041	SEMICONDUCTOR PROCESSORS.
774	FABRICATORS, NOT ELSEWHERE CLASSIFIED.	49-2099	ASSEMBLERS AND FABRICATORS, ALL OTHER.
775 HAND WORKING OCCUPATIONS:			
7752	Hand Sewing Occupations	49-6011	SEWERS, HAND.
7753	Hand Cutting And Trimming Occupations	49-3012	MEAT, POULTRY, AND FISH CUTTERS AND TRIMMERS.
		49-9007	CUTTERS AND TRIMMERS, HAND.
7754	Hand Molding And Casting Occupations	49-4036	POURERS AND CASTERS, METAL.
		49-9022	MOLDERS AND CASTERS, EXCEPT METAL AND PLASTIC.
7755	Hand Forming And Shaping Occupations	*49-9999	PRODUCTION WORKERS, ALL OTHER.
7756	Hand Painting, Coating And Decorating Occupations.	*49-9026	PAINTING, COATING, AND DECORATING WORKERS.
7757	Hand Engraving And Printing Occupations.	*49-9012	ETCHERS AND ENGRAVERS.
7758	Hand Grinding And Polishing Occupations.	49-9015	GRINDING AND POLISHING WORKERS, HAND.
7759	Miscellaneous Hand Working Occupations.	*49-9999	PRODUCTION WORKERS, ALL OTHER.
78	PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS:		
782	PRODUCTION INSPECTORS, CHECKERS AND EXAMINERS.	*49-9016	INSPECTORS, TESTERS, SORTERS, SAMPLERS, AND WEIGHERS.
783	PRODUCTION TESTERS	*49-9016	INSPECTORS, TESTERS, SORTERS, SAMPLERS, AND WEIGHERS.
784	PRODUCTION SAMPLERS AND WEIGHERS.		
785	GRADERS AND SORTERS, EXCEPT AGRICULTURAL.	43-5012	LOG GRADERS AND SCALERS.
787	PRODUCTION EXPEDITERS	*33-7008	PRODUCTION, PLANNING, AND EXPEDITING CLERKS.
	Transportation and Material Moving Occupations.		
81 SUPERVISORS; TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS:			
811 SUPERVISORS; MOTORIZED EQUIPMENT OPERATORS:			
8111	Supervisors; Motor Vehicle Operators	*51-1003	FIRST-LINE SUPERVISORS/MANAGERS OF TRANSPORTATION AND MATERIAL-MOVING MACHINE AND VEHICLE OPERATORS.
8113	Railroad Conductors and Yardmasters	51-4022	RAILROAD CONDUCTORS AND YARDMASTERS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
812	SUPERVISORS; MATERIAL MOVING EQUIPMENT OPERATORS.	*51-1003	FIRST-LINE SUPERVISORS/MANAGERS OF TRANSPORTATION AND MATERIAL-MOVING MACHINE AND VEHICLE OPERATORS.
82 TRANSPORTATION OCCUPATIONS:			
821 MOTOR VEHICLE OPERATORS:			
8212	Truck Drivers, Tractor-trailer	*51-3031	TRUCK DRIVERS, HEAVY AND TRACTOR-TRAILER.
8213	Truck Drivers, Heavy	*51-3031	TRUCK DRIVERS, HEAVY AND TRACTOR-TRAILER.
8214	Truck Drivers, Light (Including Delivery and Route Drivers).	51-3032	TRUCK DRIVERS, LIGHT/DELIVERY SERVICES.
8215	Bus Drivers	51-3011	BUS DRIVERS, TRANSIT AND INTERCITY.
		51-3012	BUS DRIVERS, SCHOOL.
8216	Taxicab Drivers and Chauffeurs	51-3022	TAXI DRIVERS AND CHAUFFEURS.
8218	Driver-Sales Workers	51-3021	DRIVER/SALES WORKERS.
8219	Other Motor Transportation Occupations, Not Elsewhere Classified.	51-3099	MOTOR VEHICLE OPERATORS, ALL OTHER.
		*51-6099	TRANSPORTATION WORKERS, ALL OTHER.
		*51-7099	MATERIAL-MOVING WORKERS, ALL OTHER.
823 RAIL TRANSPORTATION OCCUPATIONS:			
8232	Locomotive Operating Occupations	51-4011	LOCOMOTIVE ENGINEERS.
		51-4012	LOCOMOTIVE FIRERS.
		51-4013	RAIL YARD ENGINEERS, DINKEY OPERATORS, AND HOSTLERS.
		51-4023	SUBWAY AND STREETCAR OPERATORS.
8233	Railroad Brake, Signal, and Switch Operators.	51-4021	RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS.
8239	Rail Vehicle Operators, Not Elsewhere Classified.	51-4099	RAIL TRANSPORTATION WORKERS, ALL OTHER.
		*51-6099	TRANSPORTATION WORKERS, ALL OTHER.
824 WATER TRANSPORTATION OCCUPATIONS:			
8241	Ship Captains and Mates	*51-5011	CAPTAINS, MATES, AND PILOTS OF WATER VESSELS.
8242	Boat and Barge Operators	*51-1003	FIRST-LINE SUPERVISORS/MANAGERS OF TRANSPORTATION AND MATERIAL-MOVING MACHINE AND VEHICLE OPERATORS.
		*51-5011	CAPTAINS, MATES, AND PILOTS OF WATER VESSELS.
		51-5012	MOTORBOAT OPERATORS.
8243	Sailors and Deckhands	51-5002	SAILORS AND MARINE OILERS.
8244	Marine Engineers	51-5021	SHIP ENGINEERS.
8245	Bridge, Lock, and Lighthouse Tenders	51-5001	BRIDGE AND LOCK TENDERS.
825	AIRPLANE PILOTS AND NAVIGATORS	51-2011	AIRLINE PILOTS, COPILOTS, AND FLIGHT ENGINEERS.
		51-2012	COMMERCIAL PILOTS.
828	TRANSPORTATION INSPECTORS	51-6005	TRANSPORTATION INSPECTORS.
83 MATERIAL MOVING OCCUPATIONS, EXCEPT TRANSPORTATION:			
831	MATERIAL MOVING EQUIPMENT OPERATORS:		
8312	Operating Engineers	*45-2041	CONSTRUCTION EQUIPMENT OPERATORS.
8313	Longshore Equipment Operators	*51-7099	MATERIAL-MOVING WORKERS, ALL OTHER.
8314	Hoist and Winch Operators	*51-7021	HOIST AND WINCH OPERATORS.
8315	Crane and Tower Operators	51-7002	CRANE AND TOWER OPERATORS.
8316	Excavating and Loading Machine Operators.	51-7011	DREDGE OPERATORS.
		51-7012	EXCAVATING AND LOADING MACHINE AND DRAGLINE OPERATORS.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
		51-7013	LOADING MACHINE OPERATORS, UNDERGROUND MINING.
8317	Grader, Dozer, and Scraper Operators	*45-2041	CONSTRUCTION EQUIPMENT OPERATORS.
8318	Industrial Truck and Tractor Equipment Operators.	51-7022	INDUSTRIAL TRUCK AND TRACTOR OPERATORS.
8319	Miscellaneous Material Moving Equipment Operators.	*51-7001	CONVEYOR OPERATORS AND TENDERS.
		*51-7021	HOIST AND WINCH OPERATORS.
		51-7031	GAS COMPRESSOR AND GAS PUMPING STATION OPERATORS.
		51-7032	PUMP OPERATORS, EXCEPT WELL-HEAD PUMPERS.
		51-7033	WELLHEAD PUMPERS.
		51-7042	SHUTTLE CAR OPERATORS.
		51-7043	TANK CAR AND TRUCK LOADERS.
		*51-7099	MATERIAL-MOVING WORKERS, ALL OTHER.
85	Handlers, Equipment Cleaners, Helpers and Laborers SUPERVISORS; HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS.	51-1002	FIRST-LINE SUPERVISORS/MANAGERS OF HELPERS, LABORERS, AND MATERIAL MOVERS, HAND.
86 HELPERS:			
861	HELPERS; MACHINE OPERATORS AND TENDERS:		
8611	Helpers; Metalworking and Plastic Working Machine Operators and Tenders.	*49-9044	HELPERS—PRODUCTION OCCUPATIONS.
8614	Helpers; Metal and Plastic Processing Machine Operators and Tenders.	*49-9044	HELPERS—PRODUCTION OCCUPATIONS.
8615	Helpers; Woodworking Machine Operators and Tenders.	*49-9044	HELPERS—PRODUCTION OCCUPATIONS.
8616	Helpers; Printing Machine Operators and Tenders.	*49-9044	HELPERS—PRODUCTION OCCUPATIONS.
8617	Helpers; Textile, Apparel and Furnishings Machine Operators and Tenders.	*49-9044	HELPERS—PRODUCTION OCCUPATIONS.
8618	Helpers; Machine Operators and Tenders, Assorted Materials.	*49-9044	HELPERS—PRODUCTION OCCUPATIONS.
8619	Helpers; Precision Production Occupations and Setup Operators.	*49-9044	HELPERS—PRODUCTION OCCUPATIONS.
862	HELPERS; FABRICATORS AND INSPECTORS.	*49-9044	HELPERS—PRODUCTION OCCUPATIONS.
863 HELPERS; MECHANICS AND REPAIRERS:			
8632	Helpers; Vehicle and Mobile Equipment Mechanics and Repairers.	*47-4028	HELPERS—INSTALLATION, MAINTENANCE, AND REPAIR WORKERS.
8633	Helpers; Industrial Machinery Repairers ..	*47-4028	HELPERS—INSTALLATION, MAINTENANCE, AND REPAIR WORKERS.
8635	Helpers; Electrical and Electronic Equipment Repairers.	*47-4028	HELPERS—INSTALLATION, MAINTENANCE, AND REPAIR WORKERS.
8637	Helpers; Miscellaneous Mechanics and Repairers.	*47-4028	HELPERS—INSTALLATION, MAINTENANCE, AND REPAIR WORKERS.
864 HELPERS; CONSTRUCTION TRADES:			
8641	Helpers; Brickmasons, Stonemasons, and Hard Tile Setters.	45-2131	HELPERS—BRICKMASONS, BLOCKMASONS, STONEMASONS, AND TILE AND MARBLE SETTERS.
8642	Helpers; Carpenters and Related Workers.	45-2132	HELPERS—CARPENTERS.
8643	Helpers; Electricians and Power Transmission Installers.	45-2133	HELPERS—ELECTRICIANS.
8644	Helpers; Painters, Paperhangers, and Plasterers.	45-2134	HELPERS—PAINTERS, PAPERHANGERS, PLASTERERS, AND STUCCO MASONS.
8645	Helpers; Plumbers, Pipefitters and Steamfitters.	45-2135	HELPERS—PIPELAYERS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS.
8646	Helpers; Surveyor's	*45-2139	HELPERS—CONSTRUCTION TRADES WORKERS, ALL OTHER.
8648	Helpers; Other Construction Trades	45-2136	HELPERS—ROOFERS
		*45-2139	HELPERS—CONSTRUCTION TRADES WORKERS, ALL OTHER.

TABLE 2.—1987 SOC MATCHED TO PROPOSED 1997 SOC—Continued

1980 SOC	Title	1997 SOC	Title
865	HELPERS; EXTRACTIVE OCCUPATIONS.	45-3044	HELPERS—EXTRACTIVE WORKERS.
87 HANDLERS, EQUIPMENT CLEANERS AND LABORERS:			
871	CONSTRUCTION LABORERS	*45-2042	CONSTRUCTION LABORERS.
872 FREIGHT, STOCK, AND MATERIAL MOVERS; HAND:			
8722	Garbage Collectors	51-7041	REFUSE AND RECYCLABLE MATERIAL COLLECTORS.
8723	Stevedores	*51-7044	LABORERS AND FREIGHT, STOCK, AND MATERIAL MOVERS, HAND.
8724	Stock Handlers and Baggers	*51-7044	LABORERS AND FREIGHT, STOCK, AND MATERIAL MOVERS, HAND
8725	Machine Feeders and Offbearers	51-7023	MACHINE FEEDERS AND OFFBEARERS.
8726	Freight, Stock, and Material Movers, Not Elsewhere Classified.	*51-7001	CONVEYOR OPERATORS AND TENDERS
873	GARAGE AND SERVICE STATION RELATED OCCUPATIONS.	51-6003	SERVICE STATION ATTENDANTS.
874	PARKING LOT ATTENDANTS	51-6002	PARKING LOT ATTENDANTS.
875	VEHICLE WASHERS AND EQUIPMENT CLEANERS.	51-6001	CLEANERS OF VEHICLES AND EQUIPMENT.
876 MISCELLANEOUS MANUAL OCCUPATIONS:			
8761	Hand Packers and Packagers	51-7024	PACKERS AND PACKAGERS, HAND.
8769	Manual Occupations, Not Elsewhere Classified.	*51-7044	LABORERS AND FREIGHT, STOCK, AND MATERIAL MOVERS, HAND.
	Military Occupations		
91	MILITARY OCCUPATIONS	53-1001	AIR CREW OFFICERS.
		53-1002	AIRCRAFT LAUNCH AND RECOVERY OFFICERS.
		53-1003	ARMORED ASSAULT VEHICLE OFFICERS.
		53-1004	ARTILLERY AND MISSILE OFFICERS.
		53-1005	COMMAND AND CONTROL CENTER OFFICERS.
		53-1006	INFANTRY OFFICERS.
		53-1007	SPECIAL FORCES OFFICERS.
		53-1099	MILITARY OFFICER SPECIAL AND TACTICAL OPERATIONS LEADERS/MANAGERS, ALL OTHER.
		53-2001	FIRST-LINE SUPERVISORS/MANAGERS OF AIR CREW MEMBERS.
		53-2002	FIRST-LINE SUPERVISORS/MANAGERS OF WEAPONS SPECIALISTS/CREW MEMBERS.
		53-2003	FIRST-LINE SUPERVISORS/MANAGERS OF ALL OTHER TACTICAL OPERATIONS SPECIALISTS.
		53-3001	AIR CREW MEMBERS.
		53-3002	AIRCRAFT LAUNCH AND RECOVERY SPECIALISTS.
		53-3003	ARMORED ASSAULT VEHICLE CREW MEMBERS.
		53-3004	ARTILLERY AND MISSILE CREW MEMBERS.
		53-3005	COMMAND AND CONTROL CENTER SPECIALISTS.
		53-3006	INFANTRY.
		53-3007	RADAR AND SONAR TECHNICIANS.
		53-3008	SPECIAL FORCES.
		53-3099	MILITARY ENLISTED TACTICAL OPERATIONS AND AIR/WEAPONS SPECIALISTS AND CREW MEMBERS, ALL OTHER.
99	Miscellaneous Occupations MISCELLANEOUS OCCUPATIONS.		

AAA*1997 SOC occupations marked with an * link to more than one 1980 SOC occupation.

V. Next Steps In Process

After analyzing comments generated by this **Federal Register** notice, the SOCRPC will prepare its final recommendations to OMB for publication in the **Federal Register**. After considering public comment on that notice, OMB plans to publish its final decisions for the 1997 SOC in the **Federal Register** by the end of 1997.

The SOCRPC also will begin preparing the 1997 Standard Occupational Classification Manual for publication. Committee members will be completing definitions, assigning associated titles, and developing cross lists to existing systems.

The SOCRPC is planning a process for ensuring that the implementation of the 1997 SOC is comparable across Federal agencies, including regularly scheduled interagency communication to ensure that there is a smooth Federal transition to the 1997 SOC. In addition, the SOCRPC plans to periodically review and update the occupations included in the SOC to ensure that new occupations are promptly recognized and consistently classified across Federal agencies. The next major review and revision of the SOC is planned to begin in 2005 in preparation for use in the 2010 Decennial Census.

VI. Respondents To The October 5, 1995, Federal Register Notice

Alabama Department of Economic and Community Affairs
American Academy of Audiology

American Association for Marriage and Family Therapists
American Association for Medical Transcription
American Dental Hygienists Association
American Library Association
American Medical Association
American Nurses Association
American Physical Therapy Association
American Society of Alternative Therapists
American Speech-Language-Hearing Association
American Translators Association
Associated General Contractors of America
Bureau of Health Professions
Congressman Tim Roemer
Consumer Electronic Manufacturers Association
Florida Department of Labor and Employment Security
Georgia Department of Labor
Guild of Professional Tour Guides of Washington, D.C.
Health Care Financing Administration
Illinois Department of Employment Security
Illinois Occupational Information Coordinating Committee
Innovative Logistics Techniques
International Association of Fire Chiefs
International Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers
Interstate Conference of Employment Security Agencies, Inc.
Legal Assistant Program of Inver Hills Community College
Logistics Management Institute

Minnesota Department of Economic Security
Missouri Department of Economic Development
National Association of Industrial Technology
National Association of School Psychologists
National Association of Social Workers
National Association of Tour Professionals
National Athletic Trainers' Association
National Court Reporters Association
Nebraska Department of Labor
New Jersey Department of Labor
Office of Personnel Management
Ohio Bureau of Employment Services
Oregon Employment Department
Pennsylvania Department of Labor and Industry
Pinellas Technical Education Centers
Recreational Vehicle Industry Association
Social Security Administration
Society for Public Health Education, Inc.
Society of Logistics Engineers
Special Libraries Association
Texas Employment Commission
United Motorcoach Association
Vermont Department of Employment and Training
Vertek
Wyoming Department of Employment
Sally Katzen,
Administrator, Office of Information and Regulatory Affairs.
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