

Table II-1. National employment matrix occupational directory, 2002

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
00-0000	NO	Total, all occupations	Summary	13-1041	YES	Compliance officers, except agriculture, construction, health and safety, and transportation	Line item
11-1300	NO	Management, business, and financial occupations	Summary	13-1051	YES	Cost estimators	Line item
11-0000	YES	Management occupations	Summary	13-1061	YES	Emergency management specialists	Line item
11-1000	YES	Top executives	Summary	13-1070	YES	Human resources, training, and labor relations specialists	Summary
11-1011	YES	Chief executives	Line item	13-1071	YES	Employment, recruitment, and placement specialists	Line item
11-1021	YES	General and operations managers	Line item	13-1072	YES	Compensation, benefits, and job analysis specialists	Line item
11-1031	YES	Legislators	Line item	13-1073	YES	Training and development specialists	Line item
11-2000	YES	Advertising, marketing, promotions, public relations, and sales managers	Summary	13-1111	YES	Management analysts	Line item
11-2011	YES	Advertising and promotions managers	Line item	13-1121	YES	Meeting and convention planners	Line item
11-2020	YES	Marketing and sales managers	Summary	13-1198	NO	All other business operations specialists	Line item
11-2021	YES	Marketing managers	Line item	13-2000	YES	Financial specialists	Summary
11-2022	YES	Sales managers	Line item	13-2011	YES	Accountants and auditors	Line item
11-2031	YES	Public relations managers	Line item	13-2021	YES	Appraisers and assessors of real estate	Line item
11-3000	YES	Operations specialties managers	Summary	13-2031	YES	Budget analysts	Line item
11-3011	YES	Administrative services managers	Line item	13-2041	YES	Credit analysts	Line item
11-3021	YES	Computer and information systems managers	Line item	13-2050	YES	Financial analysts and advisors	Summary
11-3031	YES	Financial managers	Line item	13-2051	YES	Financial analysts	Line item
11-3040	YES	Human resources managers	Line item	13-2052	YES	Personal financial advisors	Line item
11-3051	YES	Industrial production managers	Line item	13-2053	YES	Insurance underwriters	Line item
11-3061	YES	Purchasing managers	Line item	13-2061	YES	Financial examiners	Line item
11-3071	YES	Transportation, storage, and distribution managers	Line item	13-2070	YES	Loan counselors and officers	Summary
11-9000	YES	Other management occupations	Summary	13-2071	YES	Loan counselors	Line item
11-9010	YES	Agricultural managers	Summary	13-2072	YES	Loan officers	Line item
11-9011	YES	Farm, ranch, and other agricultural managers	Line item	13-2080	YES	Tax examiners, collectors, preparers, and revenue agents	Summary
11-9012	YES	Farmers and ranchers	Line item	13-2081	YES	Tax examiners, collectors, and revenue agents	Line item
11-9021	YES	Construction managers	Line item	13-2082	YES	Tax preparers	Line item
11-9030	YES	Education administrators	Summary	13-2099	YES	All other financial specialists	Line item
11-9031	YES	Education administrators, preschool and child care center/program	Line item	15-2900	NO	Professional and related occupations	Summary
11-9032	YES	Education administrators, elementary and secondary school	Line item	15-0000	YES	Computer and mathematical science occupations	Summary
11-9033	YES	Education administrators, postsecondary	Line item	15-1000	YES	Computer specialists	Summary
11-9039	YES	Education administrators, all other	Line item	15-1011	YES	Computer and information scientists, research	Line item
11-9041	YES	Engineering managers	Line item	15-1021	YES	Computer programmers	Line item
11-9051	YES	Food service managers	Line item	15-1030	YES	Computer software engineers	Summary
11-9061	YES	Funeral directors	Line item	15-1031	YES	Computer software engineers, applications	Line item
11-9071	YES	Gaming managers	Line item	15-1032	YES	Computer software engineers, systems software	Line item
11-9081	YES	Lodging managers	Line item	15-1041	YES	Computer support specialists	Line item
11-9111	YES	Medical and health services managers	Line item	15-1051	YES	Computer systems analysts	Line item
11-9121	YES	Natural sciences managers	Line item	15-1061	YES	Database administrators	Line item
11-9131	YES	Postmasters and mail superintendents	Line item	15-1071	YES	Network and computer systems administrators	Line item
11-9141	YES	Property, real estate, and community association managers	Line item	15-1081	YES	Network systems and data communications analysts	Line item
11-9151	YES	Social and community service managers	Line item	15-1099	YES	All other computer specialists	Line item
11-9199	YES	All other managers	Line item	15-2000	YES	Mathematical science occupations	Summary
13-0000	YES	Business and financial operations occupations	Summary	15-2011	YES	Actuaries	Line item
13-1000	YES	Business operations specialists	Summary	15-2021	YES	Mathematicians	Line item
13-1011	YES	Agents and business managers of artists, performers, and athletes	Line item	15-2031	YES	Operations research analysts	Line item
13-1020	YES	Buyers and purchasing agents	Summary	15-2041	YES	Statisticians	Line item
13-1021	YES	Purchasing agents and buyers, farm products	Line item	15-2090	YES	Miscellaneous mathematical science occupations	Rollup
13-1022	YES	Wholesale and retail buyers, except farm products	Line item	15-2091	YES	Mathematical technicians	Collapse
13-1023	YES	Purchasing agents, except wholesale, retail, and farm products	Line item	15-2099	YES	Mathematical scientists, all other	Collapse
13-1030	YES	Claims adjusters, appraisers, examiners, and investigators	Summary	17-0000	YES	Architecture and engineering occupations	Summary
13-1031	YES	Claims adjusters, examiners, and investigators	Line item	17-1000	YES	Architects, surveyors, and cartographers	Summary
13-1032	YES	Insurance appraisers, auto damage	Line item	17-1010	YES	Architects, except naval	Summary
				17-1011	YES	Architects, except landscape and naval ...	Line item

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
17-1012	YES	Landscape architects	Line item	19-1099	YES	All other life scientists.....	Line item
17-1020	YES	Surveyors, cartographers, and photogrammetrists	Summary	19-2000	YES	Physical scientists	Summary
17-1021	YES	Cartographers and photogrammetrists.....	Line item	19-2010	YES	Astronomers and physicists	Summary
17-1022	YES	Surveyors	Line item	19-2011	YES	Astronomers	Line item
17-1099	NO	All other architects, surveyors, and cartographers.....	Line item	19-2012	YES	Physicists	Line item
17-2000	YES	Engineers	Summary	19-2021	YES	Atmospheric and space scientists.....	Line item
17-2011	YES	Aerospace engineers	Line item	19-2030	YES	Chemists and materials scientists.....	Summary
17-2021	YES	Agricultural engineers.....	Line item	19-2031	YES	Chemists	Line item
17-2031	YES	Biomedical engineers.....	Line item	19-2032	YES	Materials scientists	Line item
17-2041	YES	Chemical engineers.....	Line item	19-2040	YES	Environmental scientists and geoscientists	Summary
17-2051	YES	Civil engineers.....	Line item	19-2041	YES	Environmental scientists and specialists, including health	Line item
17-2061	YES	Computer hardware engineers.....	Line item	19-2042	YES	Geoscientists, except hydrologists and geographers.....	Line item
17-2070	YES	Electrical and electronics engineers.....	Summary	19-2043	YES	Hydrologists.....	Line item
17-2071	YES	Electrical engineers.....	Line item	19-2099	YES	All other physical scientists	Line item
17-2072	YES	Electronics engineers, except computer ...	Line item	19-3000	YES	Social scientists and related occupations	Summary
17-2081	YES	Environmental engineers.....	Line item	19-3011	YES	Economists.....	Line item
17-2110	YES	Industrial engineers, including health and safety	Summary	19-3020	YES	Market and survey researchers	Summary
17-2111	YES	Health and safety engineers, except mining safety engineers and inspectors.....	Line item	19-3021	YES	Market research analysts	Line item
17-2112	YES	Industrial engineers	Line item	19-3022	YES	Survey researchers	Line item
17-2121	YES	Marine engineers and naval architects.....	Line item	19-3030	YES	Psychologists	Summary
17-2131	YES	Materials engineers	Line item	19-3031	YES	Clinical, counseling, and school psychologists	Line item
17-2141	YES	Mechanical engineers.....	Line item	19-3032	YES	Industrial-organizational psychologists.....	Line item
17-2151	YES	Mining and geological engineers, including mining safety engineers.....	Line item	19-3041	YES	Sociologists	Line item
17-2161	YES	Nuclear engineers	Line item	19-3051	YES	Urban and regional planners	Line item
17-2171	YES	Petroleum engineers	Line item	19-3090	YES	Miscellaneous social scientists and related workers	Summary
17-2199	YES	All other engineers	Line item	19-3091	YES	Anthropologists and archeologists	Line item
17-3000	YES	Drafters, engineering, and mapping technicians.....	Summary	19-3092	YES	Geographers	Line item
17-3010	YES	Drafters	Summary	19-3093	YES	Historians	Line item
17-3011	YES	Architectural and civil drafters	Line item	19-3094	YES	Political scientists	Line item
17-3012	YES	Electrical and electronics drafters	Line item	19-3098	NO	All other social scientists and related workers	Line item
17-3013	YES	Mechanical drafters	Line item	19-4000	YES	Life, physical, and social science technicians.....	Summary
17-3020	YES	Engineering technicians, except drafters	Summary	19-4011	YES	Agricultural and food science technicians	Line item
17-3021	YES	Aerospace engineering and operations technicians	Line item	19-4021	YES	Biological technicians	Line item
17-3022	YES	Civil engineering technicians.....	Line item	19-4031	YES	Chemical technicians	Line item
17-3023	YES	Electrical and electronic engineering technicians.....	Line item	19-4041	YES	Geological and petroleum technicians	Line item
17-3024	YES	Electro-mechanical technicians.....	Line item	19-4051	YES	Nuclear technicians	Line item
17-3025	YES	Environmental engineering technicians.....	Line item	19-4090	YES	Other life, physical, and social science technicians.....	Summary
17-3026	YES	Industrial engineering technicians	Line item	19-4091	YES	Environmental science and protection technicians, including health.....	Line item
17-3027	YES	Mechanical engineering technicians	Line item	19-4092	YES	Forensic science technicians	Line item
17-3031	YES	Surveying and mapping technicians.....	Line item	19-4093	YES	Forest and conservation technicians.....	Line item
17-3099	NO	All other drafters, engineering, and mapping technicians	Line item	19-4098	NO	All other life, physical, and social science technicians.....	Line item
19-0000	YES	Life, physical, and social science occupations.....	Summary	21-0000	YES	Community and social services occupations.....	Summary
19-1000	YES	Life scientists.....	Summary	21-1000	YES	Counselors, social workers, and other community and social service specialists	Summary
19-1010	YES	Agricultural and food scientists.....	Line item	21-1010	YES	Counselors	Summary
19-1020	YES	Biological scientists	Summary	21-1011	YES	Substance abuse and behavioral disorder counselors	Line item
19-1021	YES	Biochemists and biophysicists.....	Line item	21-1012	YES	Educational, vocational, and school counselors	Line item
19-1022	YES	Microbiologists.....	Line item	21-1013	YES	Marriage and family therapists	Line item
19-1023	YES	Zoologists and wildlife biologists	Line item	21-1014	YES	Mental health counselors	Line item
19-1029	YES	Biological scientists, all other	Line item	21-1015	YES	Rehabilitation counselors	Line item
19-1030	YES	Conservation scientists and foresters	Summary	21-1020	YES	Social workers	Summary
19-1031	YES	Conservation scientists	Line item	21-1021	YES	Child, family, and school social workers	Line item
19-1032	YES	Foresters	Line item	21-1022	YES	Medical and public health social workers	Line item
19-1040	YES	Medical scientists	Summary				
19-1041	YES	Epidemiologists	Line item				
19-1042	YES	Medical scientists, except epidemiologists.....	Line item				

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
21-1023	YES	Mental health and substance abuse social workers	Line item	25-1081	YES	Education teachers, postsecondary	Collapse
21-1090	YES	Miscellaneous community and social service specialists	Summary	25-1082	YES	Library science teachers, postsecondary	Collapse
21-1091	YES	Health educators	Line item	25-1111	YES	Criminal justice and law enforcement teachers, postsecondary	Collapse
21-1092	YES	Probation officers and correctional treatment specialists	Line item	25-1112	YES	Law teachers, postsecondary	Collapse
21-1093	YES	Social and human service assistants	Line item	25-1113	YES	Social work teachers, postsecondary	Collapse
21-2000	YES	Religious workers	Summary	25-1121	YES	Art, drama, and music teachers, postsecondary	Collapse
21-2011	YES	Clergy	Line item	25-1122	YES	Communications teachers, postsecondary	Collapse
21-2021	YES	Directors, religious activities and education	Line item	25-1123	YES	English language and literature teachers, postsecondary	Collapse
21-9099	NO	All other counselors, social, and religious workers	Line item	25-1124	YES	Foreign language and literature teachers, postsecondary	Collapse
23-0000	YES	Legal occupations	Summary	25-1125	YES	History teachers, postsecondary	Collapse
23-1000	YES	Lawyers, judges, and related workers	Summary	25-1126	YES	Philosophy and religion teachers, postsecondary	Collapse
23-1011	YES	Lawyers	Line item	25-1191	YES	Graduate teaching assistants	Collapse
23-1020	YES	Judges, magistrates, and other judicial workers	Summary	25-1192	YES	Home economics teachers, postsecondary	Collapse
23-1021	YES	Administrative law judges, adjudicators, and hearing officers	Line item	25-1193	YES	Recreation and fitness studies teachers, postsecondary	Collapse
23-1022	YES	Arbitrators, mediators, and conciliators	Line item	25-1194	YES	Vocational education teachers, postsecondary	Collapse
23-1023	YES	Judges, magistrate judges, and magistrates	Line item	25-1198	NO	All other postsecondary teachers	Collapse
23-2000	YES	Legal support workers	Summary	25-2000	YES	Primary, secondary, and special education teachers	Summary
23-2011	YES	Paralegals and legal assistants	Line item	25-2010	YES	Preschool and kindergarten teachers	Summary
23-2090	YES	Miscellaneous legal support workers	Summary	25-2011	YES	Preschool teachers, except special education	Line item
23-2091	YES	Court reporters	Line item	25-2012	YES	Kindergarten teachers, except special education	Line item
23-2092	YES	Law clerks	Line item	25-2020	YES	Elementary and middle school teachers	Summary
23-2093	YES	Title examiners, abstractors, and searchers	Line item	25-2021	YES	Elementary school teachers, except special education	Line item
23-9099	NO	All other legal and related workers	Line item	25-2022	YES	Middle school teachers, except special and vocational education	Line item
25-0000	YES	Education, training, and library occupations	Summary	25-2023	YES	Vocational education teachers, middle school	Line item
25-1000	YES	Postsecondary teachers	Rollup	25-2030	YES	Secondary school teachers	Summary
25-1011	YES	Business teachers, postsecondary	Collapse	25-2031	YES	Secondary school teachers, except special and vocational education	Line item
25-1021	YES	Computer science teachers, postsecondary	Collapse	25-2032	YES	Vocational education teachers, secondary school	Line item
25-1022	YES	Mathematical science teachers, postsecondary	Collapse	25-2040	YES	Special education teachers	Rollup
25-1031	YES	Architecture teachers, postsecondary	Collapse	25-2041	YES	Special education teachers, preschool, kindergarten, and elementary school	Collapse
25-1032	YES	Engineering teachers, postsecondary	Collapse	25-2042	YES	Special education teachers, middle school	Collapse
25-1041	YES	Agricultural sciences teachers, postsecondary	Collapse	25-2043	YES	Special education teachers, secondary school	Collapse
25-1042	YES	Biological science teachers, postsecondary	Collapse	25-3000	YES	Other teachers and instructors	Summary
25-1043	YES	Forestry and conservation science teachers, postsecondary	Collapse	25-3011	YES	Adult literacy, remedial education, and GED teachers and instructors	Line item
25-1051	YES	Atmospheric, earth, marine, and space sciences teachers, postsecondary	Collapse	25-3021	YES	Self-enrichment education teachers	Line item
25-1052	YES	Chemistry teachers, postsecondary	Collapse	25-3999	NO	All other teachers, primary, secondary, and adult	Line item
25-1053	YES	Environmental science teachers, postsecondary	Collapse	25-4000	YES	Librarians, curators, and archivists	Summary
25-1054	YES	Physics teachers, postsecondary	Collapse	25-4010	YES	Archivists, curators, and museum technicians	Line item
25-1061	YES	Anthropology and archeology teachers, postsecondary	Collapse	25-4021	YES	Librarians	Line item
25-1062	YES	Area, ethnic, and cultural studies teachers, postsecondary	Collapse	25-4031	YES	Library technicians	Line item
25-1063	YES	Economics teachers, postsecondary	Collapse	25-9000	YES	Other education, training, and library occupations	Summary
25-1064	YES	Geography teachers, postsecondary	Collapse	25-9011	YES	Audio-visual collections specialists	Line item
25-1065	YES	Political science teachers, postsecondary	Collapse	25-9021	YES	Farm and home management advisors	Line item
25-1066	YES	Psychology teachers, postsecondary	Collapse	25-9031	YES	Instructional coordinators	Line item
25-1067	YES	Sociology teachers, postsecondary	Collapse	25-9041	YES	Teacher assistants	Line item
25-1071	YES	Health specialties teachers, postsecondary	Collapse				
25-1072	YES	Nursing instructors and teachers, postsecondary	Collapse				

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
25-9199	NO	All other library, museum, training, and other education workers.....	Line item	27-4099	YES	All other media and communication equipment workers.....	Line item
27-0000	YES	Arts, design, entertainment, sports, and media occupations.....	Summary	29-0000	YES	Healthcare practitioners and technical occupations.....	Summary
27-1000	YES	Art and design occupations.....	Summary	29-1000	YES	Health diagnosing and treating practitioners.....	Summary
27-1010	YES	Artists and related workers.....	Summary	29-1011	YES	Chiropractors.....	Line item
27-1011	YES	Art directors.....	Line item	29-1020	YES	Dentists.....	Line item
27-1013	YES	Fine artists, including painters, sculptors, and illustrators.....	Line item	29-1031	YES	Dietitians and nutritionists.....	Line item
27-1014	YES	Multi-media artists and animators.....	Line item	29-1041	YES	Optometrists.....	Line item
27-1020	YES	Designers.....	Summary	29-1051	YES	Pharmacists.....	Line item
27-1021	YES	Commercial and industrial designers.....	Line item	29-1060	YES	Physicians and surgeons.....	Rollup
27-1022	YES	Fashion designers.....	Line item	29-1061	YES	Anesthesiologists.....	Collapse
27-1023	YES	Floral designers.....	Line item	29-1062	YES	Family and general practitioners.....	Collapse
27-1024	YES	Graphic designers.....	Line item	29-1063	YES	Internists, general.....	Collapse
27-1025	YES	Interior designers.....	Line item	29-1064	YES	Obstetricians and gynecologists.....	Collapse
27-1026	YES	Merchandise displays and window trimmers.....	Line item	29-1065	YES	Pediatricians, general.....	Collapse
27-1027	YES	Set and exhibit designers.....	Line item	29-1066	YES	Psychiatrists.....	Collapse
27-1099	NO	All other art and design workers.....	Line item	29-1067	YES	Surgeons.....	Collapse
27-2000	YES	Entertainers and performers, sports and related occupations.....	Summary	29-1069	YES	Physicians and surgeons, all other.....	Collapse
27-2010	YES	Actors, producers, and directors.....	Summary	29-1071	YES	Physician assistants.....	Line item
27-2011	YES	Actors.....	Line item	29-1081	YES	Podiatrists.....	Line item
27-2012	YES	Producers and directors.....	Line item	29-1111	YES	Registered nurses.....	Line item
27-2020	YES	Athletes, coaches, umpires, and related workers.....	Summary	29-1120	YES	Therapists.....	Summary
27-2021	YES	Athletes and sports competitors.....	Line item	29-1121	YES	Audiologists.....	Line item
27-2022	YES	Coaches and scouts.....	Line item	29-1122	YES	Occupational therapists.....	Line item
27-2023	YES	Umpires, referees, and other sports officials.....	Line item	29-1123	YES	Physical therapists.....	Line item
27-2030	YES	Dancers and choreographers.....	Summary	29-1124	YES	Radiation therapists.....	Line item
27-2031	YES	Dancers.....	Line item	29-1125	YES	Recreational therapists.....	Line item
27-2032	YES	Choreographers.....	Line item	29-1126	YES	Respiratory therapists.....	Line item
27-2040	YES	Musicians, singers, and related workers.....	Summary	29-1127	YES	Speech-language pathologists.....	Line item
27-2041	YES	Music directors and composers.....	Line item	29-1131	YES	Veterinarians.....	Line item
27-2042	YES	Musicians and singers.....	Line item	29-1198	NO	All other health diagnosing and treating practitioners.....	Line item
27-2099	YES	All other entertainers and performers, sports and related workers.....	Line item	29-2000	YES	Health technologists and technicians.....	Summary
27-3000	YES	Media and communication occupations.....	Summary	29-2010	YES	Clinical laboratory technologists and technicians.....	Summary
27-3010	YES	Announcers.....	Line item	29-2011	YES	Medical and clinical laboratory technologists.....	Line item
27-3020	YES	News analysts, reporters, and correspondents.....	Line item	29-2012	YES	Medical and clinical laboratory technicians.....	Line item
27-3031	YES	Public relations specialists.....	Line item	29-2021	YES	Dental hygienists.....	Line item
27-3040	YES	Writers and editors.....	Summary	29-2030	YES	Diagnostic related technologists and technicians.....	Summary
27-3041	YES	Editors.....	Line item	29-2031	YES	Cardiovascular technologists and technicians.....	Line item
27-3042	YES	Technical writers.....	Line item	29-2032	YES	Diagnostic medical sonographers.....	Line item
27-3043	YES	Writers and authors.....	Line item	29-2033	YES	Nuclear medicine technologists.....	Line item
27-3090	YES	Miscellaneous media and communications workers.....	Summary	29-2034	YES	Radiologic technologists and technicians.....	Line item
27-3091	YES	Interpreters and translators.....	Line item	29-2041	YES	Emergency medical technicians and paramedics.....	Line item
27-3099	YES	All other media and communication workers.....	Line item	29-2050	YES	Health diagnosing and treating practitioner support technicians.....	Summary
27-4000	YES	Media and communication equipment occupations.....	Summary	29-2051	YES	Dietetic technicians.....	Line item
27-4010	YES	Broadcast and sound engineering technicians and radio operators.....	Summary	29-2052	YES	Pharmacy technicians.....	Line item
27-4011	YES	Audio and video equipment technicians.....	Line item	29-2053	YES	Psychiatric technicians.....	Line item
27-4012	YES	Broadcast technicians.....	Line item	29-2054	YES	Respiratory therapy technicians.....	Line item
27-4013	YES	Radio operators.....	Line item	29-2055	YES	Surgical technologists.....	Line item
27-4014	YES	Sound engineering technicians.....	Line item	29-2056	YES	Veterinary technologists and technicians.....	Line item
27-4021	YES	Photographers.....	Line item	29-2061	YES	Licensed practical and licensed vocational nurses.....	Line item
27-4030	YES	Television, video, and motion picture camera operators and editors.....	Summary	29-2071	YES	Medical records and health information technicians.....	Line item
27-4031	YES	Camera operators, television, video, and motion picture.....	Line item	29-2081	YES	Opticians, dispensing.....	Line item
27-4032	YES	Film and video editors.....	Line item	29-2090	YES	Miscellaneous health technologists and technicians.....	Summary

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
29-2091	YES	Orthotists and prosthetists.....	Line item	33-9011	YES	Animal control workers.....	Line item
29-9000	YES	Other healthcare practitioners and technical occupations.....	Summary	33-9021	YES	Private detectives and investigators.....	Line item
29-9010	YES	Occupational health and safety specialists and technicians.....	Line item	33-9030	YES	Security guards and gaming surveillance officers.....	Summary
29-9090	YES	Miscellaneous health practitioners and technical workers.....	Summary	33-9031	YES	Gaming surveillance officers and gaming investigators.....	Line item
29-9091	YES	Athletic trainers.....	Line item	33-9032	YES	Security guards.....	Line item
29-9199	NO	All other health practitioners and technical workers.....	Line item	33-9091	YES	Crossing guards.....	Line item
31-3900	NO	Service occupations.....	Summary	33-9095	NO	All other protective service workers.....	Line item
31-0000	YES	Healthcare support occupations.....	Summary	35-0000	YES	Food preparation and serving related occupations.....	Summary
31-1000	YES	Nursing, psychiatric, and home health aides.....	Summary	35-1000	YES	Supervisors, food preparation and serving workers.....	Summary
31-1011	YES	Home health aides.....	Line item	35-1011	YES	Chefs and head cooks.....	Line item
31-1012	YES	Nursing aides, orderlies, and attendants.....	Line item	35-1012	YES	First-line supervisors/managers of food preparation and serving workers.....	Line item
31-1013	YES	Psychiatric aides.....	Line item	35-2000	YES	Cooks and food preparation workers.....	Summary
31-2000	YES	Occupational and physical therapist assistants and aides.....	Summary	35-2010	YES	Cooks.....	Summary
31-2010	YES	Occupational therapist assistants and aides.....	Summary	35-2011	YES	Cooks, fast food.....	Line item
31-2011	YES	Occupational therapist assistants.....	Line item	35-2012	YES	Cooks, institution and cafeteria.....	Line item
31-2012	YES	Occupational therapist aides.....	Line item	35-2013	YES	Cooks, private household.....	Line item
31-2020	YES	Physical therapist assistants and aides.....	Summary	35-2014	YES	Cooks, restaurant.....	Line item
31-2021	YES	Physical therapist assistants.....	Line item	35-2015	YES	Cooks, short order.....	Line item
31-2022	YES	Physical therapist aides.....	Line item	35-2021	YES	Food preparation workers.....	Line item
31-9000	YES	Other healthcare support occupations.....	Summary	35-3000	YES	Food and beverage serving workers.....	Summary
31-9011	YES	Massage therapists.....	Line item	35-3011	YES	Bartenders.....	Line item
31-9090	YES	Miscellaneous healthcare support occupations.....	Summary	35-3020	YES	Fast food and counter workers.....	Summary
31-9091	YES	Dental assistants.....	Line item	35-3021	YES	Combined food preparation and serving workers, including fast food.....	Line item
31-9092	YES	Medical assistants.....	Line item	35-3022	YES	Counter attendants, cafeteria, food concession, and coffee shop.....	Line item
31-9093	YES	Medical equipment preparers.....	Line item	35-3031	YES	Waiters and waitresses.....	Line item
31-9094	YES	Medical transcriptionists.....	Line item	35-3041	YES	Food servers, nonrestaurant.....	Line item
31-9095	YES	Pharmacy aides.....	Line item	35-9000	YES	Other food preparation and serving related workers.....	Summary
31-9096	YES	Veterinary assistants and laboratory animal caretakers.....	Line item	35-9011	YES	Dining room and cafeteria attendants and bartender helpers.....	Line item
33-0000	YES	Protective service occupations.....	Summary	35-9021	YES	Dishwashers.....	Line item
33-1000	YES	First-line supervisors/managers, protective service workers.....	Summary	35-9031	YES	Hosts and hostesses, restaurant, lounge, and coffee shop.....	Line item
33-1010	YES	First-line supervisors/managers, law enforcement workers.....	Summary	35-9098	NO	All other food preparation and serving related workers.....	Line item
33-1011	YES	First-line supervisors/managers of correctional officers.....	Line item	37-0000	YES	Building and grounds cleaning and maintenance occupations.....	Summary
33-1012	YES	First-line supervisors/managers of police and detectives.....	Line item	37-1000	YES	Supervisors, building and grounds cleaning and maintenance workers.....	Summary
33-1021	YES	First-line supervisors/managers of fire fighting and prevention workers.....	Line item	37-1011	YES	First-line supervisors/managers of housekeeping and janitorial workers.....	Line item
33-1099	YES	All other first-line supervisors/managers, protective service workers.....	Line item	37-1012	YES	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers.....	Line item
33-2000	YES	Fire fighting and prevention workers.....	Summary	37-2000	YES	Building cleaning and pest control workers.....	Summary
33-2011	YES	Fire fighters.....	Line item	37-2010	YES	Building cleaning workers.....	Summary
33-2020	YES	Fire inspectors.....	Rollup	37-2011	YES	Janitors and cleaners, except maids and housekeeping cleaners.....	Line item
33-2021	YES	Fire inspectors and investigators.....	Collapse	37-2012	YES	Maids and housekeeping cleaners.....	Line item
33-2022	YES	Forest fire inspectors and prevention specialists.....	Collapse	37-2021	YES	Pest control workers.....	Line item
33-3000	YES	Law enforcement workers.....	Summary	37-3000	YES	Grounds maintenance workers.....	Summary
33-3010	YES	Bailiffs, correctional officers, and jailers.....	Summary	37-3010	YES	Grounds maintenance workers.....	Summary
33-3011	YES	Bailiffs.....	Line item	37-3011	YES	Landscaping and groundskeeping workers.....	Line item
33-3012	YES	Correctional officers and jailers.....	Line item	37-3012	YES	Pesticide handlers, sprayers, and applicators, vegetation.....	Line item
33-3021	YES	Detectives and criminal investigators.....	Line item	37-3013	YES	Tree trimmers and pruners.....	Line item
33-3031	YES	Fish and game wardens.....	Line item	37-9099	NO	All other building and grounds cleaning and maintenance workers.....	Line item
33-3041	YES	Parking enforcement workers.....	Line item	39-0000	YES	Personal care and service occupations.....	Summary
33-3050	YES	Police officers.....	Summary				
33-3051	YES	Police and sheriff's patrol officers.....	Line item				
33-3052	YES	Transit and railroad police.....	Line item				
33-9000	YES	Other protective service workers.....	Summary				

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
39-1000	YES	Supervisors, personal care and service workers	Summary	41-1012	YES	First-line supervisors/managers of non-retail sales workers	Line item
39-1010	YES	First-line supervisors/managers of gaming workers	Summary	41-2000	YES	Retail sales workers	Summary
39-1011	YES	Gaming supervisors	Line item	41-2010	YES	Cashiers	Summary
39-1012	YES	Slot key persons	Line item	41-2011	YES	Cashiers, except gaming	Line item
39-1021	YES	First-line supervisors/managers of personal service workers	Line item	41-2012	YES	Gaming change persons and booth cashiers	Line item
39-2000	YES	Animal care and service workers	Summary	41-2020	YES	Counter and rental clerks and parts salespersons	Summary
39-2011	YES	Animal trainers	Line item	41-2021	YES	Counter and rental clerks	Line item
39-2021	YES	Nonfarm animal caretakers	Line item	41-2022	YES	Parts salespersons	Line item
39-3000	YES	Entertainment attendants and related workers	Summary	41-2031	YES	Retail salespersons	Line item
39-3010	YES	Gaming services workers	Summary	41-3000	YES	Sales representatives, services	Summary
39-3011	YES	Gaming dealers	Line item	41-3011	YES	Advertising sales agents	Line item
39-3012	YES	Gaming and sports book writers and runners	Line item	41-3021	YES	Insurance sales agents	Line item
39-3021	YES	Motion picture projectionists	Line item	41-3031	YES	Securities, commodities, and financial services sales agents	Line item
39-3031	YES	Ushers, lobby attendants, and ticket takers	Line item	41-3041	YES	Travel agents	Line item
39-3090	YES	Miscellaneous entertainment attendants and related workers	Summary	41-4000	YES	Sales representatives, wholesale and manufacturing	Summary
39-3091	YES	Amusement and recreation attendants	Line item	41-4011	YES	Sales representatives, wholesale and manufacturing, technical and scientific products	Line item
39-3092	YES	Costume attendants	Line item	41-4012	YES	Sales representatives, wholesale and manufacturing, except technical and scientific products	Line item
39-3093	YES	Locker room, coatroom, and dressing room attendants	Line item	41-9000	YES	Other sales and related workers	Summary
39-3199	NO	All other gaming service workers	Line item	41-9010	YES	Models, demonstrators, and product promoters	Summary
39-4000	YES	Funeral service workers	Summary	41-9011	YES	Demonstrators and product promoters	Line item
39-4011	YES	Embalmers	Line item	41-9012	YES	Models	Line item
39-4021	YES	Funeral attendants	Line item	41-9020	YES	Real estate brokers and sales agents	Summary
39-5000	YES	Personal appearance workers	Summary	41-9021	YES	Real estate brokers	Line item
39-5010	YES	Barbers and cosmetologists	Summary	41-9022	YES	Real estate sales agents	Line item
39-5011	YES	Barbers	Line item	41-9031	YES	Sales engineers	Line item
39-5012	YES	Hairdressers, hairstylists, and cosmetologists	Line item	41-9041	YES	Telemarketers	Line item
39-5090	YES	Miscellaneous personal appearance workers	Summary	41-9091	YES	Door-to-door sales workers, news and street vendors, and related workers	Line item
39-5091	YES	Makeup artists, theatrical and performance	Line item	41-9098	NO	All other sales and related workers	Line item
39-5092	YES	Manicurists and pedicurists	Line item	43-0000	YES	Office and administrative support occupations	Summary
39-5093	YES	Shampoos	Line item	43-1000	YES	Supervisors, office and administrative support workers	Summary
39-5094	YES	Skin care specialists	Line item	43-1011	YES	First-line supervisors/managers of office and administrative support workers	Line item
39-6000	YES	Transportation, tourism, and lodging attendants	Summary	43-2000	YES	Communications equipment operators	Summary
39-6010	YES	Baggage porters, bellhops, and concierges	Summary	43-2011	YES	Switchboard operators, including answering service	Line item
39-6011	YES	Baggage porters and bellhops	Line item	43-2021	YES	Telephone operators	Line item
39-6012	YES	Concierges	Line item	43-2099	YES	All other communications equipment operators	Line item
39-6020	YES	Tour and travel guides	Summary	43-3000	YES	Financial clerks	Summary
39-6021	YES	Tour guides and escorts	Line item	43-3011	YES	Bill and account collectors	Line item
39-6022	YES	Travel guides	Line item	43-3021	YES	Billing and posting clerks and machine operators	Line item
39-6030	YES	Transportation attendants	Summary	43-3031	YES	Bookkeeping, accounting, and auditing clerks	Line item
39-6031	YES	Flight attendants	Line item	43-3041	YES	Gaming cage workers	Line item
39-6032	YES	Transportation attendants, except flight attendants and baggage porters	Line item	43-3051	YES	Payroll and timekeeping clerks	Line item
39-9000	YES	Other personal care and service workers	Summary	43-3061	YES	Procurement clerks	Line item
39-9011	YES	Child care workers	Line item	43-3071	YES	Tellers	Line item
39-9021	YES	Personal and home care aides	Line item	43-4000	YES	Information and record clerks	Summary
39-9030	YES	Recreation and fitness workers	Summary	43-4011	YES	Brokerage clerks	Line item
39-9031	YES	Fitness trainers and aerobics instructors	Line item	43-4021	YES	Correspondence clerks	Line item
39-9032	YES	Recreation workers	Line item	43-4031	YES	Court, municipal, and license clerks	Line item
39-9041	YES	Residential advisors	Line item	43-4041	YES	Credit authorizers, checkers, and clerks	Line item
39-9099	YES	Personal care and service workers, all other	Line item	43-4051	YES	Customer service representatives	Line item
41-0000	YES	Sales and related occupations	Summary				
41-1000	YES	Supervisors, sales workers	Summary				
41-1011	YES	First-line supervisors/managers of retail sales workers	Line item				

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
43-4061	YES	Eligibility interviewers, government programs.....	Line item	45-1011	YES	First-line supervisors/managers of farming, fishing, and forestry workers.....	Collapse
43-4071	YES	File clerks.....	Line item	45-1012	YES	Farm labor contractors.....	Collapse
43-4081	YES	Hotel, motel, and resort desk clerks.....	Line item	45-2000	YES	Agricultural workers.....	Summary
43-4111	YES	Interviewers, except eligibility and loan.....	Line item	45-2011	YES	Agricultural inspectors.....	Line item
43-4121	YES	Library assistants, clerical.....	Line item	45-2021	YES	Animal breeders.....	Line item
43-4131	YES	Loan interviewers and clerks.....	Line item	45-2041	YES	Graders and sorters, agricultural products.....	Line item
43-4141	YES	New accounts clerks.....	Line item	45-2090	YES	Miscellaneous agricultural workers.....	Summary
43-4151	YES	Order clerks.....	Line item	45-2091	YES	Agricultural equipment operators.....	Line item
43-4161	YES	Human resources assistants, except payroll and timekeeping.....	Line item	45-2092	YES	Farmworkers and laborers, crop, nursery, and greenhouse.....	Line item
43-4171	YES	Receptionists and information clerks.....	Line item	45-2093	YES	Farmworkers, farm and ranch animals.....	Line item
43-4181	YES	Reservation and transportation ticket agents and travel clerks.....	Line item	45-3000	YES	Fishing and hunting workers.....	Summary
43-4999	NO	All other financial, information, and record clerks.....	Line item	45-3011	YES	Fishers and related fishing workers.....	Line item
43-5000	YES	Material recording, scheduling, dispatching, and distributing occupations.....	Summary	45-3021	YES	Hunters and trappers.....	Line item
43-5011	YES	Cargo and freight agents.....	Line item	45-4000	YES	Forest, conservation, and logging workers.....	Summary
43-5021	YES	Couriers and messengers.....	Line item	45-4011	YES	Forest and conservation workers.....	Line item
43-5030	YES	Dispatchers.....	Summary	45-4020	YES	Logging workers.....	Summary
43-5031	YES	Police, fire, and ambulance dispatchers.....	Line item	45-4021	YES	Fallers.....	Line item
43-5032	YES	Dispatchers, except police, fire, and ambulance.....	Line item	45-4022	YES	Logging equipment operators.....	Line item
43-5041	YES	Meter readers, utilities.....	Line item	45-4023	YES	Log graders and scalers.....	Line item
43-5050	YES	Postal service workers.....	Summary	45-9099	NO	All other farming, fishing, and forestry workers.....	Line item
43-5051	YES	Postal service clerks.....	Line item	47-0000	YES	Construction and extraction occupations.....	Summary
43-5052	YES	Postal service mail carriers.....	Line item	47-1000	YES	Supervisors, construction and extraction workers.....	Summary
43-5053	YES	Postal service mail sorters, processors, and processing machine operators.....	Line item	47-1011	YES	First-line supervisors/managers of construction trades and extraction workers.....	Line item
43-5061	YES	Production, planning, and expediting clerks..	Line item	47-2000	YES	Construction trades and related workers.....	Summary
43-5071	YES	Shipping, receiving, and traffic clerks.....	Line item	47-2011	YES	Boilermakers.....	Line item
43-5081	YES	Stock clerks and order fillers.....	Line item	47-2020	YES	Brickmasons, blockmasons, and stonemasons.....	Summary
43-5111	YES	Weighers, measurers, checkers, and samplers, recordkeeping.....	Line item	47-2021	YES	Brickmasons and blockmasons.....	Line item
43-5199	NO	All other material recording, scheduling, dispatching, and distributing workers.....	Line item	47-2022	YES	Stonemasons.....	Line item
43-6000	YES	Secretaries and administrative assistants.....	Summary	47-2031	YES	Carpenters.....	Line item
43-6011	YES	Executive secretaries and administrative assistants.....	Line item	47-2040	YES	Carpet, floor, and tile installers and finishers.....	Summary
43-6012	YES	Legal secretaries.....	Line item	47-2041	YES	Carpet installers.....	Line item
43-6013	YES	Medical secretaries.....	Line item	47-2042	YES	Floor layers, except carpet, wood, and hard tiles.....	Line item
43-6014	YES	Secretaries, except legal, medical, and executive.....	Line item	47-2043	YES	Floor sanders and finishers.....	Line item
43-9000	YES	Other office and administrative support workers.....	Summary	47-2044	YES	Tile and marble setters.....	Line item
43-9011	YES	Computer operators.....	Line item	47-2050	YES	Cement masons, concrete finishers, and terrazzo workers.....	Summary
43-9020	YES	Data entry and information processing workers.....	Summary	47-2051	YES	Cement masons and concrete finishers.....	Line item
43-9021	YES	Data entry keyers.....	Line item	47-2053	YES	Terrazzo workers and finishers.....	Line item
43-9022	YES	Word processors and typists.....	Line item	47-2061	YES	Construction laborers.....	Line item
43-9031	YES	Desktop publishers.....	Line item	47-2070	YES	Construction equipment operators.....	Summary
43-9041	YES	Insurance claims and policy processing clerks.....	Line item	47-2071	YES	Paving, surfacing, and tamping equipment operators.....	Line item
43-9051	YES	Mail clerks and mail machine operators, except postal service.....	Line item	47-2072	YES	Pile-driver operators.....	Line item
43-9061	YES	Office clerks, general.....	Line item	47-2073	YES	Operating engineers and other construction equipment operators.....	Line item
43-9071	YES	Office machine operators, except computer.....	Line item	47-2080	YES	Drywall installers, ceiling tile installers, and tapers.....	Summary
43-9081	YES	Proofreaders and copy markers.....	Line item	47-2081	YES	Drywall and ceiling tile installers.....	Line item
43-9111	YES	Statistical assistants.....	Line item	47-2082	YES	Tapers.....	Line item
43-9999	NO	All other secretaries, administrative assistants, and other office support workers.....	Line item	47-2111	YES	Electricians.....	Line item
45-0000	YES	Farming, fishing, and forestry occupations.....	Summary	47-2121	YES	Glaziers.....	Line item
45-1000	YES	Supervisors, farming, fishing, and forestry workers.....	Rollup	47-2130	YES	Insulation workers.....	Line item
				47-2140	YES	Painters and paperhangers.....	Summary
				47-2141	YES	Painters, construction and maintenance.....	Line item
				47-2142	YES	Paperhangers.....	Line item
				47-2150	YES	Pipelayers, plumbers, pipefitters, and steamfitters.....	Summary
				47-2151	YES	Pipelayers.....	Line item

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
47-2152	YES	Plumbers, pipefitters, and steamfitters	Line item	49-2090	YES	Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	Summary
47-2161	YES	Plasterers and stucco masons	Line item	49-2091	YES	Avionics technicians	Line item
47-2171	YES	Reinforcing iron and rebar workers	Line item	49-2092	YES	Electric motor, power tool, and related repairers	Line item
47-2181	YES	Roofers	Line item	49-2093	YES	Electrical and electronics installers and repairers, transportation equipment	Line item
47-2211	YES	Sheet metal workers	Line item	49-2094	YES	Electrical and electronics repairers, commercial and industrial equipment	Line item
47-2221	YES	Structural iron and steel workers	Line item	49-2095	YES	Electrical and electronics repairers, powerhouse, substation, and relay	Line item
47-3000	YES	Helpers, construction trades	Summary	49-2096	YES	Electronic equipment installers and repairers, motor vehicles	Line item
47-3010	YES	Helpers, construction trades	Summary	49-2097	YES	Electronic home entertainment equipment installers and repairers	Line item
47-3011	YES	Helpers—brickmasons, blockmasons, stonemasons, and tile and marble setters	Line item	49-2098	YES	Security and fire alarm systems installers	Line item
47-3012	YES	Helpers—carpenters	Line item	49-2099	NO	All other electrical and electronic equipment mechanics, installers, and repairers	Line item
47-3013	YES	Helpers—electricians	Line item	49-3000	YES	Vehicle and mobile equipment mechanics, installers, and repairers	Summary
47-3014	YES	Helpers—painters, paperhangers, plasterers, and stucco masons	Line item	49-3011	YES	Aircraft mechanics and service technicians	Line item
47-3015	YES	Helpers—pipelayers, plumbers, pipefitters, and steamfitters	Line item	49-3020	YES	Automotive technicians and repairers	Summary
47-3016	YES	Helpers—roofers	Line item	49-3021	YES	Automotive body and related repairers	Line item
47-3019	YES	All other helpers, construction trades	Line item	49-3022	YES	Automotive glass installers and repairers	Line item
47-4000	YES	Other construction and related workers	Summary	49-3023	YES	Automotive service technicians and mechanics	Line item
47-4011	YES	Construction and building inspectors	Line item	49-3031	YES	Bus and truck mechanics and diesel engine specialists	Line item
47-4021	YES	Elevator installers and repairers	Line item	49-3040	YES	Heavy vehicle and mobile equipment service technicians and mechanics	Summary
47-4031	YES	Fence erectors	Line item	49-3041	YES	Farm equipment mechanics	Line item
47-4041	YES	Hazardous materials removal workers	Line item	49-3042	YES	Mobile heavy equipment mechanics, except engines	Line item
47-4051	YES	Highway maintenance workers	Line item	49-3043	YES	Rail car repairers	Line item
47-4061	YES	Rail-track laying and maintenance equipment operators	Line item	49-3050	YES	Small engine mechanics	Summary
47-4071	YES	Septic tank servicers and sewer pipe cleaners	Line item	49-3051	YES	Motorboat mechanics	Line item
47-4090	YES	Miscellaneous construction and related workers	Summary	49-3052	YES	Motorcycle mechanics	Line item
47-4091	YES	Segmental pavers	Line item	49-3053	YES	Outdoor power equipment and other small engine mechanics	Line item
47-4999	NO	All other construction trades and related workers	Line item	49-3090	YES	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	Summary
47-5000	YES	Extraction workers	Summary	49-3091	YES	Bicycle repairers	Line item
47-5010	YES	Derrick, rotary drill, and service unit operators, oil, gas, and mining	Summary	49-3092	YES	Recreational vehicle service technicians	Line item
47-5011	YES	Derrick operators, oil and gas	Line item	49-3093	YES	Tire repairers and changers	Line item
47-5012	YES	Rotary drill operators, oil and gas	Line item	49-3099	NO	All other vehicle and mobile equipment mechanics, installers, and repairers	Line item
47-5013	YES	Service unit operators, oil, gas, and mining	Line item	49-9000	YES	Other installation, maintenance, and repair occupations	Summary
47-5021	YES	Earth drillers, except oil and gas	Line item	49-9010	YES	Control and valve installers and repairers	Summary
47-5031	YES	Explosives workers, ordnance handling experts, and blasters	Line item	49-9011	YES	Mechanical door repairers	Line item
47-5040	YES	Mining machine operators	Summary	49-9012	YES	Control and valve installers and repairers, except mechanical door	Line item
47-5041	YES	Continuous mining machine operators	Line item	49-9021	YES	Heating, air conditioning, and refrigeration mechanics and installers	Line item
47-5042	YES	Mine cutting and channeling machine operators	Line item	49-9031	YES	Home appliance repairers	Line item
47-5049	YES	All other mining machine operators	Line item	49-9040	YES	Industrial machinery installation, repair, and maintenance workers	Summary
47-5051	YES	Rock splitters, quarry	Line item	49-9041	YES	Industrial machinery mechanics	Line item
47-5061	YES	Roof bolters, mining	Line item				
47-5071	YES	Roustabouts, oil and gas	Line item				
47-5081	YES	Helpers—extraction workers	Line item				
47-5099	YES	Extraction workers, all other	Line item				
49-0000	YES	Installation, maintenance, and repair occupations	Summary				
49-1000	YES	Supervisors of installation, maintenance, and repair workers	Summary				
49-1011	YES	First-line supervisors/managers of mechanics, installers, and repairers	Line item				
49-2000	YES	Electrical and electronic equipment mechanics, installers, and repairers	Summary				
49-2011	YES	Computer, automated teller, and office machine repairers	Line item				
49-2020	YES	Radio and telecommunications equipment installers and repairers	Summary				
49-2021	YES	Radio mechanics	Line item				
49-2022	YES	Telecommunications equipment installers and repairers, except line installers	Line item				

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
49-9042	YES	Maintenance and repair workers, general ...	Line item	51-3093	YES	Food cooking machine operators and tenders.....	Line item
49-9043	YES	Maintenance workers, machinery.....	Line item	51-3099	NO	All other food processing workers.....	Line item
49-9044	YES	Millwrights.....	Line item	51-4000	YES	Metal workers and plastic workers.....	Summary
49-9045	YES	Refractory materials repairers, except brickmasons.....	Line item	51-4010	YES	Computer control programmers and operators.....	Summary
49-9050	YES	Line installers and repairers.....	Summary	51-4011	YES	Computer-controlled machine tool operators, metal and plastic.....	Line item
49-9051	YES	Electrical power-line installers and repairers.....	Line item	51-4012	YES	Numerical tool and process control programmers.....	Line item
49-9052	YES	Telecommunications line installers and repairers.....	Line item	51-4020	YES	Forming machine setters, operators, and tenders, metal and plastic.....	Summary
49-9060	YES	Precision instrument and equipment repairers.....	Summary	51-4021	YES	Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	Line item
49-9061	YES	Camera and photographic equipment repairers.....	Line item	51-4022	YES	Forging machine setters, operators, and tenders, metal and plastic.....	Line item
49-9062	YES	Medical equipment repairers.....	Line item	51-4023	YES	Rolling machine setters, operators, and tenders, metal and plastic.....	Line item
49-9063	YES	Musical instrument repairers and tuners.....	Line item	51-4030	YES	Machine tool cutting setters, operators, and tenders, metal and plastic.....	Summary
49-9064	YES	Watch repairers.....	Line item	51-4031	YES	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	Line item
49-9069	YES	All other precision instrument and equipment repairers.....	Line item	51-4032	YES	Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	Line item
49-9090	YES	Miscellaneous installation, maintenance, and repair workers.....	Summary	51-4033	YES	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	Line item
49-9091	YES	Coin, vending, and amusement machine servicers and repairers.....	Line item	51-4034	YES	Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	Line item
49-9092	YES	Commercial divers.....	Line item	51-4035	YES	Milling and planing machine setters, operators, and tenders, metal and plastic.....	Line item
49-9093	YES	Fabric menders, except garment.....	Line item	51-4041	YES	Machinists.....	Line item
49-9094	YES	Locksmiths and safe repairers.....	Line item	51-4050	YES	Metal furnace and kiln operators and tenders.....	Summary
49-9095	YES	Manufactured building and mobile home installers.....	Line item	51-4051	YES	Metal-refining furnace operators and tenders.....	Line item
49-9096	YES	Riggers.....	Line item	51-4052	YES	Pourers and casters, metal.....	Line item
49-9097	YES	Signal and track switch repairers.....	Line item	51-4060	YES	Model makers and patternmakers, metal and plastic.....	Summary
49-9098	YES	Helpers—Installation, maintenance, and repair workers.....	Line item	51-4061	YES	Model makers, metal and plastic.....	Line item
49-9099	YES	Installation, maintenance, and repair workers, all other.....	Line item	51-4062	YES	Patternmakers, metal and plastic.....	Line item
51-0000	YES	Production occupations.....	Summary	51-4070	YES	Molders and molding machine setters, operators, and tenders, metal and plastic.....	Summary
51-1000	YES	Supervisors, production workers.....	Summary	51-4071	YES	Foundry mold and coremakers.....	Line item
51-1011	YES	First-line supervisors/managers of production and operating workers.....	Line item	51-4072	YES	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	Line item
51-2000	YES	Assemblers and fabricators.....	Summary	51-4081	YES	Multiple machine tool setters, operators, and tenders, metal and plastic.....	Line item
51-2011	YES	Aircraft structure, surfaces, rigging, and systems assemblers.....	Line item	51-4111	YES	Tool and die makers.....	Line item
51-2020	YES	Electrical, electronics, and electromechanical assemblers.....	Summary	51-4120	YES	Welding, soldering, and brazing workers.....	Summary
51-2021	YES	Coil winders, tapers, and finishers.....	Line item	51-4121	YES	Welders, cutters, solderers, and brazers.....	Line item
51-2022	YES	Electrical and electronic equipment assemblers.....	Line item	51-4122	YES	Welding, soldering, and brazing machine setters, operators, and tenders.....	Line item
51-2023	YES	Electromechanical equipment assemblers.....	Line item	51-4190	YES	Miscellaneous metalworkers and plastic workers.....	Summary
51-2031	YES	Engine and other machine assemblers.....	Line item	51-4191	YES	Heat treating equipment setters, operators, and tenders, metal and plastic.....	Line item
51-2041	YES	Structural metal fabricators and fitters.....	Line item	51-4192	YES	Lay-out workers, metal and plastic.....	Line item
51-2090	YES	Miscellaneous assemblers and fabricators ...	Summary				
51-2091	YES	Fiberglass laminators and fabricators.....	Line item				
51-2092	YES	Team assemblers.....	Line item				
51-2093	YES	Timing device assemblers, adjusters, and calibrators.....	Line item				
51-2099	YES	All other assemblers and fabricators.....	Line item				
51-3000	YES	Food processing occupations.....	Summary				
51-3011	YES	Bakers.....	Line item				
51-3020	YES	Butchers and other meat, poultry, and fish processing workers.....	Summary				
51-3021	YES	Butchers and meat cutters.....	Line item				
51-3022	YES	Meat, poultry, and fish cutters and trimmers.....	Line item				
51-3023	YES	Slaughterers and meat packers.....	Line item				
51-3090	YES	Miscellaneous food processing workers.....	Summary				
51-3091	YES	Food and tobacco roasting, baking, and drying machine operators and tenders.....	Line item				
51-3092	YES	Food batchmakers.....	Line item				

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
51-4193	YES	Plating and coating machine setters, operators, and tenders, metal and plastic.....	Line item	51-8031	YES	Water and liquid waste treatment plant and system operators	Line item
51-4194	YES	Tool grinders, filers, and sharpeners	Line item	51-8090	YES	Miscellaneous plant and system operators	Summary
51-4199	YES	All other metal workers and plastic workers	Line item	51-8091	YES	Chemical plant and system operators	Line item
51-5000	YES	Printing occupations	Summary	51-8092	YES	Gas plant operators	Line item
51-5010	YES	Bookbinders and bindery workers	Summary	51-8093	YES	Petroleum pump system operators, refinery operators, and gaugers	Line item
51-5011	YES	Bindery workers	Line item	51-8099	YES	All other plant and system operators	Line item
51-5012	YES	Bookbinders	Line item	51-9000	YES	Other production occupations	Summary
51-5020	YES	Printers	Summary	51-9010	YES	Chemical processing machine setters, operators, and tenders.....	Summary
51-5021	YES	Job printers.....	Line item	51-9011	YES	Chemical equipment operators and tenders.....	Line item
51-5022	YES	Prepress technicians and workers	Line item	51-9012	YES	Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	Line item
51-5023	YES	Printing machine operators	Line item	51-9020	YES	Crushing, grinding, polishing, mixing, and blending workers.....	Summary
51-5099	NO	All other printing workers.....	Line item	51-9021	YES	Crushing, grinding, and polishing machine setters, operators, and tenders.....	Line item
51-6000	YES	Textile, apparel, and furnishings occupations.....	Summary	51-9022	YES	Grinding and polishing workers, hand.....	Line item
51-6011	YES	Laundry and dry-cleaning workers	Line item	51-9023	YES	Mixing and blending machine setters, operators, and tenders.....	Line item
51-6021	YES	Pressers, textile, garment, and related materials	Line item	51-9030	YES	Cutting workers	Summary
51-6031	YES	Sewing machine operators.....	Line item	51-9031	YES	Cutters and trimmers, hand.....	Line item
51-6040	YES	Shoe and leather workers	Summary	51-9032	YES	Cutting and slicing machine setters, operators, and tenders.....	Line item
51-6041	YES	Shoe and leather workers and repairers	Line item	51-9041	YES	Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	Line item
51-6042	YES	Shoe machine operators and tenders	Line item	51-9051	YES	Furnace, kiln, oven, drier, and kettle operators and tenders.....	Line item
51-6050	YES	Tailors, dressmakers, and sewers.....	Summary	51-9061	YES	Inspectors, testers, sorters, samplers, and weighers.....	Line item
51-6051	YES	Sewers, hand.....	Line item	51-9071	YES	Jewelers and precious stone and metal workers	Line item
51-6052	YES	Tailors, dressmakers, and custom sewers.....	Line item	51-9080	YES	Medical, dental, and ophthalmic laboratory technicians	Summary
51-6060	YES	Textile machine setters, operators, and tenders	Summary	51-9081	YES	Dental laboratory technicians	Line item
51-6061	YES	Textile bleaching and dyeing machine operators and tenders.....	Line item	51-9082	YES	Medical appliance technicians.....	Line item
51-6062	YES	Textile cutting machine setters, operators, and tenders.....	Line item	51-9083	YES	Ophthalmic laboratory technicians	Line item
51-6063	YES	Textile knitting and weaving machine setters, operators, and tenders	Line item	51-9111	YES	Packaging and filling machine operators and tenders	Line item
51-6064	YES	Textile winding, twisting, and drawing out machine setters, operators, and tenders	Line item	51-9120	YES	Painting workers.....	Summary
51-6090	YES	Miscellaneous textile, apparel, and furnishings workers	Summary	51-9121	YES	Coating, painting, and spraying machine setters, operators, and tenders.....	Line item
51-6091	YES	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	Line item	51-9122	YES	Painters, transportation equipment	Line item
51-6092	YES	Fabric and apparel patternmakers	Line item	51-9123	YES	Painting, coating, and decorating workers	Line item
51-6093	YES	Upholsterers	Line item	51-9130	YES	Photographic process workers and processing machine operators.....	Summary
51-6099	YES	All other textile, apparel, and furnishings workers.....	Line item	51-9131	YES	Photographic process workers.....	Line item
51-7000	YES	Woodworkers	Summary	51-9132	YES	Photographic processing machine operators.....	Line item
51-7011	YES	Cabinetmakers and bench carpenters	Line item	51-9141	YES	Semiconductor processors.....	Line item
51-7021	YES	Furniture finishers.....	Line item	51-9190	YES	Miscellaneous production workers	Summary
51-7030	YES	Model makers and patternmakers, wood	Summary	51-9191	YES	Cementing and gluing machine operators and tenders.....	Line item
51-7031	YES	Model makers, wood	Line item	51-9192	YES	Cleaning, washing, and metal pickling equipment operators and tenders.....	Line item
51-7032	YES	Patternmakers, wood	Line item	51-9193	YES	Cooling and freezing equipment operators and tenders.....	Line item
51-7040	YES	Woodworking machine setters, operators, and tenders.....	Summary	51-9194	YES	Etchers and engravers	Line item
51-7041	YES	Sawing machine setters, operators, and tenders, wood	Line item	51-9195	YES	Molders, shapers, and casters, except metal and plastic.....	Line item
51-7042	YES	Woodworking machine setters, operators, operators, and tenders, except sawing	Line item	51-9196	YES	Paper goods machine setters, operators, and tenders.....	Line item
51-7099	YES	All other woodworkers	Line item	51-9197	YES	Tire builders.....	Line item
51-8000	YES	Plant and system operators.....	Summary				
51-8010	YES	Power plant operators, distributors, and dispatchers.....	Summary				
51-8011	YES	Nuclear power reactor operators	Line item				
51-8012	YES	Power distributors and dispatchers	Line item				
51-8013	YES	Power plant operators	Line item				
51-8021	YES	Stationary engineers and boiler operators.....	Line item				

Table II-1. National employment matrix occupational directory, 2002—Continued

Matrix code	Valid SOC code?	Matrix occupation title	Occupation type	Matrix code	Valid SOC code?	Matrix occupation title	Occupation type
51-9198	YES	Helpers—production workers	Line item	53-4041	YES	Subway and streetcar operators.....	Collapse
51-9199	YES	All other production workers	Line item	53-4099	YES	Rail transportation workers, all other.....	Collapse
53-0000	YES	Transportation and material moving occupations.....	Summary	53-5000	YES	Water transportation occupations	Summary
53-1000	YES	Supervisors, transportation and material moving workers.....	Summary	53-5011	YES	Sailors and marine oilers.....	Line item
53-1011	YES	Aircraft cargo handling supervisors	Line item	53-5020	YES	Ship and boat captains and operators.....	Summary
53-1021	YES	First-line supervisors/managers of helpers, laborers, and material movers, hand	Line item	53-5021	YES	Captains, mates, and pilots of water vessels.....	Line item
53-1031	YES	First-line supervisors/managers of transportation and material-moving machine and vehicle operators.....	Line item	53-5022	YES	Motorboat operators	Line item
53-2000	YES	Air transportation occupations	Summary	53-5031	YES	Ship engineers	Line item
53-2010	YES	Aircraft pilots and flight engineers	Summary	53-5099	NO	All other water transportation workers.....	Line item
53-2011	YES	Airline pilots, copilots, and flight engineers	Line item	53-6000	YES	Other transportation workers.....	Summary
53-2012	YES	Commercial pilots.....	Line item	53-6011	YES	Bridge and lock tenders.....	Line item
53-2020	YES	Air traffic controllers and airfield operations specialists	Summary	53-6021	YES	Parking lot attendants.....	Line item
53-2021	YES	Air traffic controllers.....	Line item	53-6031	YES	Service station attendants	Line item
53-2022	YES	Airfield operations specialists	Line item	53-6041	YES	Traffic technicians	Line item
53-2099	NO	All other air transportation workers	Line item	53-6051	YES	Transportation inspectors.....	Line item
53-3000	YES	Motor vehicle operators.....	Summary	53-6099	YES	All other related transportation workers.....	Line item
53-3011	YES	Ambulance drivers and attendants, except emergency medical technicians.....	Line item	53-7000	YES	Material moving occupations.....	Summary
53-3020	YES	Bus drivers	Summary	53-7011	YES	Conveyor operators and tenders.....	Line item
53-3021	YES	Bus drivers, transit and intercity	Line item	53-7021	YES	Crane and tower operators.....	Line item
53-3022	YES	Bus drivers, school.....	Line item	53-7030	YES	Dredge, excavating, and loading machine operators	Summary
53-3030	YES	Driver/sales workers and truck drivers	Summary	53-7031	YES	Dredge operators	Line item
53-3031	YES	Driver/sales workers.....	Line item	53-7032	YES	Excavating and loading machine and dragline operators	Line item
53-3032	YES	Truck drivers, heavy and tractor-trailer.....	Line item	53-7033	YES	Loading machine operators, underground mining.....	Line item
53-3033	YES	Truck drivers, light or delivery services	Line item	53-7041	YES	Hoist and winch operators.....	Line item
53-3041	YES	Taxi drivers and chauffeurs	Line item	53-7051	YES	Industrial truck and tractor operators.....	Line item
53-3099	YES	All other motor vehicle operators.....	Line item	53-7060	YES	Laborers and material movers, hand.....	Summary
53-4000	YES	Rail transportation occupations	Summary	53-7061	YES	Cleaners of vehicles and equipment	Line item
53-4010	YES	Locomotive engineers and operators	Rollup	53-7062	YES	Laborers and freight, stock, and material movers, hand	Line item
53-4011	YES	Locomotive engineers	Collapse	53-7063	YES	Machine feeders and offbearers.....	Line item
53-4012	YES	Locomotive firers	Collapse	53-7064	YES	Packers and packagers, hand.....	Line item
53-4013	YES	Rail yard engineers, dinkey operators, and hostlers	Collapse	53-7070	YES	Pumping station operators	Summary
53-4021	YES	Railroad brake, signal, and switch operators.....	Line item	53-7071	YES	Gas compressor and gas pumping station operators	Line item
53-4031	YES	Railroad conductors and yardmasters.....	Line item	53-7072	YES	Pump operators, except wellhead pumpers.....	Line item
53-4039	NO	Subway, streetcar operators, and all other rail transportation workers	Rollup	53-7073	YES	Wellhead pumpers	Line item
				53-7081	YES	Refuse and recyclable material collectors.....	Line item
				53-7111	YES	Shuttle car operators	Line item
				53-7121	YES	Tank car, truck, and ship loaders.....	Line item
				53-7199	YES	Material moving workers, all other.....	Line item