

Table II-1. National Employment Matrix occupational directory, 2006

Matrix code	Matrix occupation title	Occupation type	Matrix code	Matrix occupation title	Occupation type
00-00001	Total, all occupations	Summary	13-1020	Buyers and purchasing agents	Summary
11-13001	Management, business, and financial occupations	Summary	13-1021	Purchasing agents and buyers, farm products	Line item
11-0000	Management occupations	Summary	13-1022	Wholesale and retail buyers, except farm products	Line item
11-1000	Top executives	Summary	13-1023	Purchasing agents, except wholesale, retail, and farm products	Line item
11-1011	Chief executives	Line item	13-1030	Claims adjusters, appraisers, examiners, and investigators	Summary
11-1021	General and operations managers	Line item	13-1031	Claims adjusters, examiners, and investigators	Line item
11-1031	Legislators	Line item	13-1032	Insurance appraisers, auto damage	Line item
11-2000	Advertising, marketing, promotions, public relations, and sales managers	Summary	13-1041	Compliance officers, except agriculture, construction, health and safety, and transportation	Line item
11-2011	Advertising and promotions managers	Line item	13-1051	Cost estimators	Line item
11-2020	Marketing and sales managers	Summary	13-1061	Emergency management specialists	Line item
11-2021	Marketing managers	Line item	13-1070	Human resources, training, and labor relations specialists	Summary
11-2022	Sales managers	Line item	13-1071	Employment, recruitment, and placement specialists	Line item
11-2031	Public relations managers	Line item	13-1072	Compensation, benefits, and job analysis specialists	Line item
11-3000	Operations specialties managers	Summary	13-1073	Training and development specialists	Line item
11-3011	Administrative services managers	Line item	13-1079	Human resources, training, and labor relations specialists, all other	Line item
11-3021	Computer and information systems managers	Line item	13-1081	Logisticians	Line item
11-3031	Financial managers	Line item	13-1111	Management analysts	Line item
11-3040	Human resources managers	Summary	13-1121	Meeting and convention planners	Line item
11-3041	Compensation and benefits managers	Line item	13-1199	Business operation specialists, all other	Line item
11-3042	Training and development managers	Line item	13-2000	Financial specialists	Summary
11-3049	Human resources managers, all other	Line item	13-2011	Accountants and auditors	Line item
11-3051	Industrial production managers	Line item	13-2021	Appraisers and assessors of real estate	Line item
11-3061	Purchasing managers	Line item	13-2031	Budget analysts	Line item
11-3071	Transportation, storage, and distribution managers	Line item	13-2041	Credit analysts	Line item
11-9000	Other management occupations	Summary	13-2050	Financial analysts and advisors	Summary
11-9010	Agricultural managers	Summary	13-2051	Financial analysts	Line item
11-9011	Farm, ranch, and other agricultural managers	Line item	13-2052	Personal financial advisors	Line item
11-9012	Farmers and ranchers	Line item	13-2053	Insurance underwriters	Line item
11-9021	Construction managers	Line item	13-2061	Financial examiners	Line item
11-9030	Education administrators	Summary	13-2070	Loan counselors and officers	Summary
11-9031	Education administrators, preschool and child care center/program	Line item	13-2071	Loan counselors	Line item
11-9032	Education administrators, elementary and secondary school	Line item	13-2072	Loan officers	Line item
11-9033	Education administrators, postsecondary	Line item	13-2080	Tax examiners, collectors, preparers, and revenue agents	Summary
11-9039	Education administrators, all other	Line item	13-2081	Tax examiners, collectors, and revenue agents	Line item
11-9041	Engineering managers	Line item	13-2082	Tax preparers	Line item
11-9051	Food service managers	Line item	13-2099	Financial specialists, all other	Line item
11-9061	Funeral directors	Line item	15-29001	Professional and related occupations	Summary
11-9071	Gaming managers	Line item	15-0000	Computer and mathematical science occupations	Summary
11-9081	Lodging managers	Line item	15-1000	Computer specialists	Summary
11-9111	Medical and health services managers	Line item	15-1011	Computer and information scientists, research	Line item
11-9121	Natural sciences managers	Line item	15-1021	Computer programmers	Line item
11-9131	Postmasters and mail superintendents	Line item	15-1030	Computer software engineers	Summary
11-9141	Property, real estate, and community association managers	Line item	15-1031	Computer software engineers, applications	Line item
11-9151	Social and community service managers	Line item	15-1032	Computer software engineers, systems software	Line item
11-9199	Managers, all other	Line item	15-1041	Computer support specialists	Line item
13-0000	Business and financial operations occupations	Summary			
13-1000	Business operations specialists	Summary			
13-1011	Agents and business managers of artists, performers, and athletes	Line item			

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15-1051	Computer systems analysts	Line item	17-3021	Aerospace engineering and operations technicians	Line item
15-1061	Database administrators	Line item	17-3022	Civil engineering technicians	Line item
15-1071	Network and computer systems administrators	Line item	17-3023	Electrical and electronic engineering technicians	Line item
15-1081	Network systems and data communications analysts	Line item	17-3024	Electro-mechanical technicians	Line item
15-1099	Computer specialists, all other	Line item	17-3025	Environmental engineering technicians	Line item
15-2000	Mathematical science occupations	Summary	17-3026	Industrial engineering technicians	Line item
15-2011	Actuaries	Line item	17-3027	Mechanical engineering technicians	Line item
15-2021	Mathematicians	Line item	17-3029	Engineering technicians, except drafters, all other	Line item
15-2031	Operations research analysts	Line item	17-3031	Surveying and mapping technicians	Line item
15-2041	Statisticians	Line item	19-0000	Life, physical, and social science occupations	Summary
15-2090	Miscellaneous mathematical science occupations	Summary	19-1000	Life scientists	Summary
15-2091	Mathematical technicians	Line item	19-1010	Agricultural and food scientists	Summary
15-2099	Mathematical scientists, all other	Line item	19-1011	Animal scientists	Line item
17-0000	Architecture and engineering occupations	Summary	19-1012	Food scientists and technologists	Line item
17-1000	Architects, surveyors, and cartographers	Summary	19-1013	Soil and plant Scientists	Line item
17-1010	Architects, except naval	Summary	19-1020	Biological scientists	Summary
17-1011	Architects, except landscape and naval	Line item	19-1021	Biochemists and biophysicists	Line item
17-1012	Landscape architects	Line item	19-1022	Microbiologists	Line item
17-1020	Surveyors, cartographers, and photogrammetrists	Summary	19-1023	Zoologists and wildlife biologists	Line item
17-1021	Cartographers and photogrammetrists	Line item	19-1029	Biological scientists, all other	Line item
17-1022	Surveyors	Line item	19-1030	Conservation scientists and foresters	Summary
17-2000	Engineers	Summary	19-1031	Conservation scientists	Line item
17-2011	Aerospace engineers	Line item	19-1032	Foresters	Line item
17-2021	Agricultural engineers	Line item	19-1040	Medical scientists	Summary
17-2031	Biomedical engineers	Line item	19-1041	Epidemiologists	Line item
17-2041	Chemical engineers	Line item	19-1042	Medical scientists, except epidemiologists	Line item
17-2051	Civil engineers	Line item	19-1099	Life scientists, all other	Line item
17-2061	Computer hardware engineers	Line item	19-2000	Physical scientists	Summary
17-2070	Electrical and electronics engineers	Summary	19-2010	Astronomers and physicists	Summary
17-2071	Electrical engineers	Line item	19-2011	Astronomers	Line item
17-2072	Electronics engineers, except computer	Line item	19-2012	Physicists	Line item
17-2081	Environmental engineers	Line item	19-2021	Atmospheric and space scientists	Line item
17-2110	Industrial engineers, including health and safety	Summary	19-2030	Chemists and materials scientists	Summary
17-2111	Health and safety engineers, except mining safety engineers and inspectors	Line item	19-2031	Chemists	Line item
17-2112	Industrial engineers	Line item	19-2032	Materials scientists	Line item
17-2121	Marine engineers and naval architects	Line item	19-2040	Environmental scientists and geoscientists	Summary
17-2131	Materials engineers	Line item	19-2041	Environmental scientists and specialists, including health	Line item
17-2141	Mechanical engineers	Line item	19-2042	Geoscientists, except hydrologists and geographers	Line item
17-2151	Mining and geological engineers, including mining safety engineers	Line item	19-2043	Hydrologists	Line item
17-2161	Nuclear engineers	Line item	19-2099	Physical scientists, all other	Line item
17-2171	Petroleum engineers	Line item	19-3000	Social scientists and related occupations	Summary
17-2199	Engineers, all other	Line item	19-3011	Economists	Line item
17-3000	Drafters, engineering, and mapping technicians	Summary	19-3020	Market and survey researchers	Summary
17-3010	Drafters	Summary	19-3021	Market research analysts	Line item
17-3011	Architectural and civil drafters	Line item	19-3022	Survey researchers	Line item
17-3012	Electrical and electronics drafters	Line item	19-3030	Psychologists	Summary
17-3013	Mechanical drafters	Line item	19-3031	Clinical, counseling, and school psychologists	Line item
17-3019	Drafters, all other	Line item	19-3032	Industrial-organizational psychologists	Line item
17-3020	Engineering technicians, except drafters	Summary	19-3039	Psychologists, all other	Line item

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19-3041	Sociologists	Line item	23-1020	Judges, magistrates, and other judicial workers	Summary
19-3051	Urban and regional planners	Line item	23-1021	Administrative law judges, adjudicators, and hearing officers	Line item
19-3090	Miscellaneous social scientists and related workers	Summary	23-1022	Arbitrators, mediators, and conciliators	Line item
19-3091	Anthropologists and archeologists	Line item	23-1023	Judges, magistrate judges, and magistrates	Line item
19-3092	Geographers	Line item	23-2000	Legal support workers	Summary
19-3093	Historians	Line item	23-2011	Paralegals and legal assistants	Line item
19-3094	Political scientists	Line item	23-2090	Miscellaneous legal support workers	Summary
19-3099	Social scientists and related workers, all other	Line item	23-2091	Court reporters	Line item
19-4000	Life, physical, and social science technicians	Summary	23-2092	Law clerks	Line item
19-4011	Agricultural and food science technicians	Line item	23-2093	Title examiners, abstractors, and searchers	Line item
19-4021	Biological technicians	Line item	23-2099	Legal support workers, all other	Line item
19-4031	Chemical technicians	Line item	25-0000	Education, training, and library occupations	Summary
19-4041	Geological and petroleum technicians	Line item	25-1000	Postsecondary teachers	Line item
19-4051	Nuclear technicians	Line item	25-1011	Business teachers, postsecondary	Exclude
19-4061	Social science research assistants	Line item	25-1021	Computer science teachers, postsecondary	Exclude
19-4090	Other life, physical, and social science technicians	Summary	25-1022	Mathematical science teachers, postsecondary	Exclude
19-4091	Environmental science and protection technicians, including health	Line item	25-1031	Architecture teachers, postsecondary	Exclude
19-4092	Forensic science technicians	Line item	25-1032	Engineering teachers, postsecondary	Exclude
19-4093	Forest and conservation technicians	Line item	25-1041	Agricultural sciences teachers, postsecondary	Exclude
19-4099	Life, physical, and social science technicians, all other	Line item	25-1042	Biological science teachers, postsecondary	Exclude
21-0000	Community and social services occupations	Summary	25-1043	Forestry and conservation science teachers, postsecondary	Exclude
21-1000	Counselors, social workers, and other community and social service specialists	Summary	25-1051	Atmospheric, earth, marine, and space sciences teachers, postsecondary	Exclude
21-1010	Counselors	Summary	25-1052	Chemistry teachers, postsecondary	Exclude
21-1011	Substance abuse and behavioral disorder counselors	Line item	25-1053	Environmental science teachers, postsecondary	Exclude
21-1012	Educational, vocational, and school counselors	Line item	25-1054	Physics teachers, postsecondary	Exclude
21-1013	Marriage and family therapists	Line item	25-1061	Anthropology and archeology teachers, postsecondary	Exclude
21-1014	Mental health counselors	Line item	25-1062	Area, ethnic, and cultural studies teachers, postsecondary	Exclude
21-1015	Rehabilitation counselors	Line item	25-1063	Economics teachers, postsecondary	Exclude
21-1019	Counselors, all other	Line item	25-1064	Geography teachers, postsecondary	Exclude
21-1020	Social workers	Summary	25-1065	Political science teachers, postsecondary	Exclude
21-1021	Child, family, and school social workers	Line item	25-1066	Psychology teachers, postsecondary	Exclude
21-1022	Medical and public health social workers	Line item	25-1067	Sociology teachers, postsecondary	Exclude
21-1023	Mental health and substance abuse social workers	Line item	25-1069	Social sciences teachers, postsecondary, all other	Exclude
21-1029	Social workers, all other	Line item	25-1071	Health specialties teachers, postsecondary	Exclude
21-1090	Miscellaneous community and social service specialists	Summary	25-1072	Nursing instructors and teachers, postsecondary	Exclude
21-1091	Health educators	Line item	25-1081	Education teachers, postsecondary	Exclude
21-1092	Probation officers and correctional treatment specialists	Line item	25-1082	Library science teachers, postsecondary	Exclude
21-1093	Social and human service assistants	Line item	25-1111	Criminal justice and law enforcement teachers, postsecondary	Exclude
21-1099	Community and social service specialists, all other	Line item	25-1112	Law teachers, postsecondary	Exclude
21-2000	Religious workers	Summary	25-1113	Social work teachers, postsecondary	Exclude
21-2011	Clergy	Line item	25-1121	Art, drama, and music teachers, postsecondary	Exclude
21-2021	Directors, religious activities and education	Line item	25-1122	Communications teachers, postsecondary	Exclude
21-2099	Religious workers, all other	Line item	25-1123	English language and literature teachers, postsecondary	Exclude
23-0000	Legal occupations	Summary	25-1124	Foreign language and literature teachers, postsecondary	Exclude
23-1000	Lawyers, judges, and related workers	Summary	25-1125	History teachers, postsecondary	Exclude
23-1011	Lawyers	Line item			

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25-1126	Philosophy and religion teachers, postsecondary	Exclude	27-1014	Multi-media artists and animators	Line item
25-1191	Graduate teaching assistants	Exclude	27-1019	Artists and related workers, all other	Line item
25-1192	Home economics teachers, postsecondary	Exclude	27-1020	Designers	Summary
25-1193	Recreation and fitness studies teachers, postsecondary	Exclude	27-1021	Commercial and industrial designers	Line item
25-1194	Vocational education teachers, postsecondary	Exclude	27-1022	Fashion designers	Line item
25-1199	Postsecondary teachers, all other	Exclude	27-1023	Floral designers	Line item
25-2000	Primary, secondary, and special education teachers	Summary	27-1024	Graphic designers	Line item
25-2010	Preschool and kindergarten teachers	Summary	27-1025	Interior designers	Line item
25-2011	Preschool teachers, except special education	Line item	27-1026	Merchandise displayers and window trimmers	Line item
25-2012	Kindergarten teachers, except special education	Line item	27-1027	Set and exhibit designers	Line item
25-2020	Elementary and middle school teachers	Summary	27-1029	Designers, all other	Line item
25-2021	Elementary school teachers, except special education	Line item	27-2000	Entertainers and performers, sports and related occupations	Summary
25-2022	Middle school teachers, except special and vocational education	Line item	27-2010	Actors, producers, and directors	Summary
25-2023	Vocational education teachers, middle school	Line item	27-2011	Actors	Line item
25-2030	Secondary school teachers	Summary	27-2012	Producers and directors	Line item
25-2031	Secondary school teachers, except special and vocational education	Line item	27-2020	Athletes, coaches, umpires, and related workers	Summary
25-2032	Vocational education teachers, secondary school	Line item	27-2021	Athletes and sports competitors	Line item
25-2040	Special education teachers	Summary	27-2022	Coaches and scouts	Line item
25-2041	Special education teachers, preschool, kindergarten, and elementary school	Line item	27-2023	Umpires, referees, and other sports officials	Line item
25-2042	Special education teachers, middle school	Line item	27-2030	Dancers and choreographers	Summary
25-2043	Special education teachers, secondary school	Line item	27-2031	Dancers	Line item
25-3000	Other teachers and instructors	Summary	27-2032	Choreographers	Line item
25-3011	Adult literacy, remedial education, and GED teachers and instructors	Line item	27-2040	Musicians, singers, and related workers	Summary
25-3021	Self-enrichment education teachers	Line item	27-2041	Music directors and composers	Line item
25-3099	Teachers and instructors, all other	Line item	27-2042	Musicians and singers	Line item
25-4000	Librarians, curators, and archivists	Summary	27-2099	Entertainers and performers, sports and related workers, all other	Line item
25-4010	Archivists, curators, and museum technicians	Summary	27-3000	Media and communication occupations	Summary
25-4011	Archivists	Line item	27-3010	Announcers	Summary
25-4012	Curators	Line item	27-3011	Radio and television announcers	Line item
25-4013	Museum Technicians and Conservators	Line item	27-3012	Public address system and other announcers	Line item
25-4021	Librarians	Line item	27-3020	News analysts, reporters and correspondents	Summary
25-4031	Library technicians	Line item	27-3021	Broadcast news analysts	Line item
25-9000	Other education, training, and library occupations	Summary	27-3022	Reporters and correspondents	Line item
25-9011	Audio-visual collections specialists	Line item	27-3031	Public relations specialists	Line item
25-9021	Farm and home management advisors	Line item	27-3040	Writers and editors	Summary
25-9031	Instructional coordinators	Line item	27-3041	Editors	Line item
25-9041	Teacher assistants	Line item	27-3042	Technical writers	Line item
25-9099	Education, training, and library workers, all other	Line item	27-3043	Writers and authors	Line item
27-0000	Arts, design, entertainment, sports, and media occupations	Summary	27-3090	Miscellaneous media and communications workers	Summary
27-1000	Art and design occupations	Summary	27-3091	Interpreters and translators	Line item
27-1010	Artists and related workers	Summary	27-3099	Media and communication workers, all other	Line item
27-1011	Art directors	Line item	27-4000	Media and communication equipment occupations	Summary
27-1012	Craft artists	Line item	27-4010	Broadcast and sound engineering technicians and radio operators	Summary
27-1013	Fine artists, including painters, sculptors, and illustrators	Line item	27-4011	Audio and video equipment technicians	Line item
			27-4012	Broadcast technicians	Line item
			27-4013	Radio operators	Line item
			27-4014	Sound engineering technicians	Line item
			27-4021	Photographers	Line item

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27-4030	Television, video, and motion picture camera operators and editors	Summary	29-2041	Emergency medical technicians and paramedics	Line item
27-4031	Camera operators, television, video, and motion picture	Line item	29-2050	Health diagnosing and treating practitioner support technicians	Summary
27-4032	Film and video editors	Line item	29-2051	Dietetic technicians	Line item
27-4099	Media and communication equipment workers, all other	Line item	29-2052	Pharmacy technicians	Line item
29-0000	Healthcare practitioners and technical occupations	Summary	29-2053	Psychiatric technicians	Line item
29-1000	Health diagnosing and treating practitioners	Summary	29-2054	Respiratory therapy technicians	Line item
29-1011	Chiropractors	Line item	29-2055	Surgical technologists	Line item
29-1020	Dentists	Summary	29-2056	Veterinary technologists and technicians	Line item
29-1021	Dentists, general	Line item	29-2061	Licensed practical and licensed vocational nurses	Line item
29-1022	Oral and maxillofacial surgeons	Line item	29-2071	Medical records and health information technicians	Line item
29-1023	Orthodontists	Line item	29-2081	Opticians, dispensing	Line item
29-1024	Prosthodontists	Line item	29-2090	Miscellaneous health technologists and technicians	Summary
29-1029	Dentists, all other specialists	Line item	29-2091	Orthotists and prosthetists	Line item
29-1031	Dietitians and nutritionists	Line item	29-2099	Healthcare technologists and technicians, all other	Line item
29-1041	Optometrists	Line item	29-9000	Other healthcare practitioners and technical occupations	Summary
29-1051	Pharmacists	Line item	29-9010	Occupational health and safety specialists and technicians	Summary
29-1060	Physicians and surgeons	Line item	29-9011	Occupational health and safety specialists	Line item
29-1061	Anesthesiologists	Exclude	29-9012	Occupational health and safety technicians	Line item
29-1062	Family and general practitioners	Exclude	29-9090	Miscellaneous health practitioners and technical workers	Summary
29-1063	Internists, general	Exclude	29-9091	Athletic trainers	Line item
29-1064	Obstetricians and gynecologists	Exclude	29-9099	Healthcare practitioners and technical workers, all other	Line item
29-1065	Pediatricians, general	Exclude	31-39001	Service occupations	Summary
29-1066	Psychiatrists	Exclude	31-0000	Healthcare support occupations	Summary
29-1067	Surgeons	Exclude	31-1000	Nursing, psychiatric, and home health aides	Summary
29-1069	Physicians and surgeons, all other	Exclude	31-1011	Home health aides	Line item
29-1071	Physician assistants	Line item	31-1012	Nursing aides, orderlies, and attendants	Line item
29-1081	Podiatrists	Line item	31-1013	Psychiatric aides	Line item
29-1111	Registered nurses	Line item	31-2000	Occupational and physical therapist assistants and aides	Summary
29-1120	Therapists	Summary	31-2010	Occupational therapist assistants and aides	Summary
29-1121	Audiologists	Line item	31-2011	Occupational therapist assistants	Line item
29-1122	Occupational therapists	Line item	31-2012	Occupational therapist aides	Line item
29-1123	Physical therapists	Line item	31-2020	Physical therapist assistants and aides	Summary
29-1124	Radiation therapists	Line item	31-2021	Physical therapist assistants	Line item
29-1125	Recreational therapists	Line item	31-2022	Physical therapist aides	Line item
29-1126	Respiratory therapists	Line item	31-9000	Other healthcare support occupations	Summary
29-1127	Speech-language pathologists	Line item	31-9011	Massage therapists	Line item
29-1129	Therapists, all other	Line item	31-9090	Miscellaneous healthcare support occupations	Summary
29-1131	Veterinarians	Line item	31-9091	Dental assistants	Line item
29-1199	Health diagnosing and treating practitioners, all other	Line item	31-9092	Medical assistants	Line item
29-2000	Health technologists and technicians	Summary	31-9093	Medical equipment preparers	Line item
29-2010	Clinical laboratory technologists and technicians	Summary	31-9094	Medical transcriptionists	Line item
29-2011	Medical and clinical laboratory technologists	Line item	31-9095	Pharmacy aides	Line item
29-2012	Medical and clinical laboratory technicians	Line item	31-9096	Veterinary assistants and laboratory animal caretakers	Line item
29-2021	Dental hygienists	Line item	31-9099	Healthcare support workers, all other	Line item
29-2030	Diagnostic related technologists and technicians	Summary	33-0000	Protective service occupations	Summary
29-2031	Cardiovascular technologists and technicians	Line item			
29-2032	Diagnostic medical sonographers	Line item			
29-2033	Nuclear medicine technologists	Line item			
29-2034	Radiologic technologists and technicians	Line item			

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33-1000	First-line supervisors/managers, protective service workers	Summary	35-3011	Bartenders	Line item
33-1010	First-line supervisors/managers, law enforcement workers	Summary	35-3020	Fast food and counter workers	Summary
33-1011	First-line supervisors/managers of correctional officers	Line item	35-3021	Combined food preparation and serving workers, including fast food	Line item
33-1012	First-line supervisors/managers of police and detectives	Line item	35-3022	Counter attendants, cafeteria, food concession, and coffee shop	Line item
33-1021	First-line supervisors/managers of fire fighting and prevention workers	Line item	35-3031	Waiters and waitresses	Line item
33-1099	First-line supervisors/managers, protective service workers, all other	Line item	35-3041	Food servers, nonrestaurant	Line item
33-2000	Fire fighting and prevention workers	Summary	35-9000	Other food preparation and serving related workers	Summary
33-2011	Fire fighters	Line item	35-9011	Dining room and cafeteria attendants and bartender helpers	Line item
33-2020	Fire inspectors	Summary	35-9021	Dishwashers	Line item
33-2021	Fire inspectors and investigators	Line item	35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop	Line item
33-2022	Forest fire inspectors and prevention specialists	Line item	35-9099	Food preparation and serving related workers, all other	Line item
33-3000	Law enforcement workers	Summary	37-0000	Building and grounds cleaning and maintenance occupations	Summary
33-3010	Bailiffs, correctional officers, and jailers	Summary	37-1000	Supervisors, building and grounds cleaning and maintenance workers	Summary
33-3011	Bailiffs	Line item	37-1011	First-line supervisors/managers of housekeeping and janitorial workers	Line item
33-3012	Correctional officers and jailers	Line item	37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	Line item
33-3021	Detectives and criminal investigators	Line item	37-2000	Building cleaning and pest control workers	Summary
33-3031	Fish and game wardens	Line item	37-2010	Building cleaning workers	Summary
33-3041	Parking enforcement workers	Line item	37-2011	Janitors and cleaners, except maids and housekeeping cleaners	Line item
33-3050	Police officers	Summary	37-2012	Maids and housekeeping cleaners	Line item
33-3051	Police and sheriff's patrol officers	Line item	37-2019	Building cleaning workers, all other	Line item
33-3052	Transit and railroad police	Line item	37-2021	Pest control workers	Line item
33-9000	Other protective service workers	Summary	37-3000	Grounds maintenance workers	Summary
33-9011	Animal control workers	Line item	37-3010	Grounds maintenance workers	Summary
33-9021	Private detectives and investigators	Line item	37-3011	Landscaping and groundskeeping workers	Line item
33-9030	Security guards and gaming surveillance officers	Summary	37-3012	Pesticide handlers, sprayers, and applicators, vegetation	Line item
33-9031	Gaming surveillance officers and gaming investigators	Line item	37-3013	Tree trimmers and pruners	Line item
33-9032	Security guards	Line item	37-3019	Grounds maintenance workers, all other	Line item
33-9090	Miscellaneous protective service workers	Summary	39-0000	Personal care and service occupations	Summary
33-9091	Crossing guards	Line item	39-1000	Supervisors, personal care and service workers	Summary
33-9092	Lifeguards, ski patrol, and other recreational protective service workers	Line item	39-1010	First-line supervisors/managers of gaming workers	Summary
33-9099	Protective service workers, all other	Line item	39-1011	Gaming supervisors	Line item
35-0000	Food preparation and serving related occupations	Summary	39-1012	Slot key persons	Line item
35-1000	Supervisors, food preparation and serving workers	Summary	39-1021	First-line supervisors/managers of personal service workers	Line item
35-1011	Chefs and head cooks	Line item	39-2000	Animal care and service workers	Summary
35-1012	First-line supervisors/managers of food preparation and serving workers	Line item	39-2011	Animal trainers	Line item
35-2000	Cooks and food preparation workers	Summary	39-2021	Nonfarm animal caretakers	Line item
35-2010	Cooks	Summary	39-3000	Entertainment attendants and related workers	Summary
35-2011	Cooks, fast food	Line item	39-3010	Gaming services workers	Summary
35-2012	Cooks, institution and cafeteria	Line item	39-3011	Gaming dealers	Line item
35-2013	Cooks, private household	Line item	39-3012	Gaming and sports book writers and runners	Line item
35-2014	Cooks, restaurant	Line item	39-3019	Gaming service workers, all other	Line item
35-2015	Cooks, short order	Line item	39-3021	Motion picture projectionists	Line item
35-2019	Cooks, all other	Line item	39-3031	Ushers, lobby attendants, and ticket takers	Line item
35-2021	Food preparation workers	Line item			
35-3000	Food and beverage serving workers	Summary			

Table II-1. National Employment Matrix occupational directory, 2006 — Continued

Matrix code	Matrix occupation title	Occupation type	Matrix code	Matrix occupation title	Occupation type
39-3090	Miscellaneous entertainment attendants and related workers	Summary	41-3011	Advertising sales agents	Line item
39-3091	Amusement and recreation attendants	Line item	41-3021	Insurance sales agents	Line item
39-3092	Costume attendants	Line item	41-3031	Securities, commodities, and financial services sales agents	Line item
39-3093	Locker room, coatroom, and dressing room attendants	Line item	41-3041	Travel agents	Line item
39-3099	Entertainment attendants and related workers, all other	Exclude	41-3099	Sales representatives, services, all other	Line item
39-4000	Funeral service workers	Summary	41-4000	Sales representatives, wholesale and manufacturing	Summary
39-4011	Embalmers	Line item	41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	Line item
39-4021	Funeral attendants	Line item	41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	Line item
39-5000	Personal appearance workers	Summary	41-9000	Other sales and related workers	Summary
39-5010	Barbers and cosmetologists	Summary	41-9010	Models, demonstrators, and product promoters	Summary
39-5011	Barbers	Line item	41-9011	Demonstrators and product promoters	Line item
39-5012	Hairdressers, hairstylists, and cosmetologists	Line item	41-9012	Models	Line item
39-5090	Miscellaneous personal appearance workers	Summary	41-9020	Real estate brokers and sales agents	Summary
39-5091	Makeup artists, theatrical and performance	Line item	41-9021	Real estate brokers	Line item
39-5092	Manicurists and pedicurists	Line item	41-9022	Real estate sales agents	Line item
39-5093	Shampooers	Line item	41-9031	Sales engineers	Line item
39-5094	Skin care specialists	Line item	41-9041	Telemarketers	Line item
39-6000	Transportation, tourism, and lodging attendants	Summary	41-9090	Miscellaneous sales and related workers	Summary
39-6010	Baggage porters, bellhops, and concierges	Summary	41-9091	Door-to-door sales workers, news and street vendors, and related workers	Line item
39-6011	Baggage porters and bellhops	Line item	41-9099	Sales and related workers, all other	Line item
39-6012	Concierges	Line item	43-0000	Office and administrative support occupations	Summary
39-6020	Tour and travel guides	Summary	43-1000	Supervisors, office and administrative support workers	Summary
39-6021	Tour guides and escorts	Line item	43-1011	First-line supervisors/managers of office and administrative support workers	Line item
39-6022	Travel guides	Line item	43-2000	Communications equipment operators	Summary
39-6030	Transportation attendants	Summary	43-2011	Switchboard operators, including answering service	Line item
39-6031	Flight attendants	Line item	43-2021	Telephone operators	Line item
39-6032	Transportation attendants, except flight attendants and baggage porters	Line item	43-2099	Communications equipment operators, all other	Line item
39-9000	Other personal care and service workers	Summary	43-3000	Financial clerks	Summary
39-9011	Child care workers	Line item	43-3011	Bill and account collectors	Line item
39-9021	Personal and home care aides	Line item	43-3021	Billing and posting clerks and machine operators	Line item
39-9030	Recreation and fitness workers	Summary	43-3031	Bookkeeping, accounting, and auditing clerks	Line item
39-9031	Fitness trainers and aerobics instructors	Line item	43-3041	Gaming cage workers	Line item
39-9032	Recreation workers	Line item	43-3051	Payroll and timekeeping clerks	Line item
39-9041	Residential advisors	Line item	43-3061	Procurement clerks	Line item
39-9099	Personal care and service workers, all other	Line item	43-3071	Tellers	Line item
41-0000	Sales and related occupations	Summary	43-4000	Information and record clerks	Summary
41-1000	Supervisors, sales workers	Summary	43-4011	Brokerage clerks	Line item
41-1011	First-line supervisors/managers of retail sales workers	Line item	43-4021	Correspondence clerks	Line item
41-1012	First-line supervisors/managers of non-retail sales workers	Line item	43-4031	Court, municipal, and license clerks	Line item
41-2000	Retail sales workers	Summary	43-4041	Credit authorizers, checkers, and clerks	Line item
41-2010	Cashiers	Summary	43-4051	Customer service representatives	Line item
41-2011	Cashiers, except gaming	Line item	43-4061	Eligibility interviewers, government programs	Line item
41-2012	Gaming change persons and booth cashiers	Line item	43-4071	File clerks	Line item
41-2020	Counter and rental clerks and parts salespersons	Summary	43-4081	Hotel, motel, and resort desk clerks	Line item
41-2021	Counter and rental clerks	Line item	43-4111	Interviewers, except eligibility and loan	Line item
41-2022	Parts salespersons	Line item	43-4121	Library assistants, clerical	Line item
41-2031	Retail salespersons	Line item			
41-3000	Sales representatives, services	Summary			

Table II-1. National Employment Matrix occupational directory, 2006 — Continued

Matrix code	Matrix occupation title	Occupation type	Matrix code	Matrix occupation title	Occupation type
43-4131	Loan interviewers and clerks	Line item	45-2041	Graders and sorters, agricultural products	Line item
43-4141	New accounts clerks	Line item	45-2090	Miscellaneous agricultural workers	Summary
43-4151	Order clerks	Line item	45-2091	Agricultural equipment operators	Line item
43-4161	Human resources assistants, except payroll and timekeeping	Line item	45-2092	Farmworkers and laborers, crop, nursery, and greenhouse	Line item
43-4171	Receptionists and information clerks	Line item	45-2093	Farmworkers, farm and ranch animals	Line item
43-4181	Reservation and transportation ticket agents and travel clerks	Line item	45-2099	Agricultural workers, all other	Line item
43-4199	Information and record clerks, all other	Line item	45-3000	Fishing and hunting workers	Summary
43-5000	Material recording, scheduling, dispatching, and distributing occupations	Summary	45-3011	Fishers and related fishing workers	Line item
43-5011	Cargo and freight agents	Line item	45-3021	Hunters and trappers	Line item
43-5021	Couriers and messengers	Line item	45-4000	Forest, conservation, and logging workers	Summary
43-5030	Dispatchers	Summary	45-4011	Forest and conservation workers	Line item
43-5031	Police, fire, and ambulance dispatchers	Line item	45-4020	Logging workers	Summary
43-5032	Dispatchers, except police, fire, and ambulance	Line item	45-4021	Fallers	Line item
43-5041	Meter readers, utilities	Line item	45-4022	Logging equipment operators	Line item
43-5050	Postal service workers	Summary	45-4023	Log graders and scalers	Line item
43-5051	Postal service clerks	Line item	45-4029	Logging workers, all other	Line item
43-5052	Postal service mail carriers	Line item	47-0000	Construction and extraction occupations	Summary
43-5053	Postal service mail sorters, processors, and processing machine operators	Line item	47-1000	Supervisors, construction and extraction workers	Summary
43-5061	Production, planning, and expediting clerks	Line item	47-1011	First-line supervisors/managers of construction trades and extraction workers	Line item
43-5071	Shipping, receiving, and traffic clerks	Line item	47-2000	Construction trades and related workers	Summary
43-5081	Stock clerks and order fillers	Line item	47-2011	Boilermakers	Line item
43-5111	Weighers, measurers, checkers, and samplers, recordkeeping	Line item	47-2020	Brickmasons, blockmasons, and stonemasons	Summary
43-6000	Secretaries and administrative assistants	Summary	47-2021	Brickmasons and blockmasons	Line item
43-6011	Executive secretaries and administrative assistants	Line item	47-2022	Stonemasons	Line item
43-6012	Legal secretaries	Line item	47-2031	Carpenters	Line item
43-6013	Medical secretaries	Line item	47-2040	Carpet, floor, and tile installers and finishers	Summary
43-6014	Secretaries, except legal, medical, and executive	Line item	47-2041	Carpet installers	Line item
43-9000	Other office and administrative support workers	Summary	47-2042	Floor layers, except carpet, wood, and hard tiles	Line item
43-9011	Computer operators	Line item	47-2043	Floor sanders and finishers	Line item
43-9020	Data entry and information processing workers	Summary	47-2044	Tile and marble setters	Line item
43-9021	Data entry keyers	Line item	47-2050	Cement masons, concrete finishers, and terrazzo workers	Summary
43-9022	Word processors and typists	Line item	47-2051	Cement masons and concrete finishers	Line item
43-9031	Desktop publishers	Line item	47-2053	Terrazzo workers and finishers	Line item
43-9041	Insurance claims and policy processing clerks	Line item	47-2061	Construction laborers	Line item
43-9051	Mail clerks and mail machine operators, except postal service	Line item	47-2070	Construction equipment operators	Summary
43-9061	Office clerks, general	Line item	47-2071	Paving, surfacing, and tamping equipment operators	Line item
43-9071	Office machine operators, except computer	Line item	47-2072	Pile-driver operators	Line item
43-9081	Proofreaders and copy markers	Line item	47-2073	Operating engineers and other construction equipment operators	Line item
43-9111	Statistical assistants	Line item	47-2080	Drywall installers, ceiling tile installers, and tapers	Summary
43-9199	Office and administrative support workers, all other	Line item	47-2081	Drywall and ceiling tile installers	Line item
45-0000	Farming, fishing, and forestry occupations	Summary	47-2082	Tapers	Line item
45-1000	Supervisors, farming, fishing, and forestry workers	Line item	47-2111	Electricians	Line item
45-1011	First-line supervisors/managers of farming, fishing, and forestry workers	Exclude	47-2121	Glaziers	Line item
45-1012	Farm labor contractors	Exclude	47-2130	Insulation workers	Summary
45-2000	Agricultural workers	Summary	47-2131	Insulation workers, floor, ceiling, and wall	Line item
45-2011	Agricultural inspectors	Line item	47-2132	Insulation workers, mechanical	Line item
45-2021	Animal breeders	Line item	47-2140	Painters and paperhangers	Summary
			47-2141	Painters, construction and maintenance	Line item

Table II-1. National Employment Matrix occupational directory, 2006 — Continued

Matrix code	Matrix occupation title	Occupation type	Matrix code	Matrix occupation title	Occupation type
47-2142	Paperhangers	Line item	49-1011	First-line supervisors/managers of mechanics, installers, and repairers	Line item
47-2150	Pipelayers, plumbers, pipefitters, and steamfitters	Summary	49-2000	Electrical and electronic equipment mechanics, installers, and repairers	Summary
47-2151	Pipelayers	Line item	49-2011	Computer, automated teller, and office machine repairers	Line item
47-2152	Plumbers, pipefitters, and steamfitters	Line item	49-2020	Radio and telecommunications equipment installers and repairers	Summary
47-2161	Plasterers and stucco masons	Line item	49-2021	Radio mechanics	Line item
47-2171	Reinforcing iron and rebar workers	Line item	49-2022	Telecommunications equipment installers and repairers, except line installers	Line item
47-2181	Roofers	Line item	49-2090	Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	Summary
47-2211	Sheet metal workers	Line item	49-2091	Avionics technicians	Line item
47-2221	Structural iron and steel workers	Line item	49-2092	Electric motor, power tool, and related repairers	Line item
47-3000	Helpers, construction trades	Summary	49-2093	Electrical and electronics installers and repairers, transportation equipment	Line item
47-3010	Helpers, construction trades	Summary	49-2094	Electrical and electronics repairers, commercial and industrial equipment	Line item
47-3011	Helpers—Brickmasons, blockmasons, stonemasons, and tile and marble setters	Line item	49-2095	Electrical and electronics repairers, powerhouse, substation, and relay	Line item
47-3012	Helpers—Carpenters	Line item	49-2096	Electronic equipment installers and repairers, motor vehicles	Line item
47-3013	Helpers—Electricians	Line item	49-2097	Electronic home entertainment equipment installers and repairers	Line item
47-3014	Helpers—Painters, paperhangers, plasterers, and stucco masons	Line item	49-2098	Security and fire alarm systems installers	Line item
47-3015	Helpers—Pipelayers, plumbers, pipefitters, and steamfitters	Line item	49-3000	Vehicle and mobile equipment mechanics, installers, and repairers	Summary
47-3016	Helpers—Roofers	Line item	49-3011	Aircraft mechanics and service technicians	Line item
47-3019	Helpers, construction trades, all other	Line item	49-3020	Automotive technicians and repairers	Summary
47-4000	Other construction and related workers	Summary	49-3021	Automotive body and related repairers	Line item
47-4011	Construction and building inspectors	Line item	49-3022	Automotive glass installers and repairers	Line item
47-4021	Elevator installers and repairers	Line item	49-3023	Automotive service technicians and mechanics	Line item
47-4031	Fence erectors	Line item	49-3031	Bus and truck mechanics and diesel engine specialists	Line item
47-4041	Hazardous materials removal workers	Line item	49-3040	Heavy vehicle and mobile equipment service technicians and mechanics	Summary
47-4051	Highway maintenance workers	Line item	49-3041	Farm equipment mechanics	Line item
47-4061	Rail-track laying and maintenance equipment operators	Line item	49-3042	Mobile heavy equipment mechanics, except engines	Line item
47-4071	Septic tank servicers and sewer pipe cleaners	Line item	49-3043	Rail car repairers	Line item
47-4090	Miscellaneous construction and related workers	Summary	49-3050	Small engine mechanics	Summary
47-4091	Segmental pavers	Line item	49-3051	Motorboat mechanics	Line item
47-4099	Construction and related workers, all other	Line item	49-3052	Motorcycle mechanics	Line item
47-5000	Extraction workers	Summary	49-3053	Outdoor power equipment and other small engine mechanics	Line item
47-5010	Derrick, rotary drill, and service unit operators, oil, gas, and mining	Summary	49-3090	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	Summary
47-5011	Derrick operators, oil and gas	Line item	49-3091	Bicycle repairers	Line item
47-5012	Rotary drill operators, oil and gas	Line item	49-3092	Recreational vehicle service technicians	Line item
47-5013	Service unit operators, oil, gas, and mining	Line item	49-3093	Tire repairers and changers	Line item
47-5021	Earth drillers, except oil and gas	Line item	49-9000	Other installation, maintenance, and repair occupations	Summary
47-5031	Explosives workers, ordnance handling experts, and blasters	Line item	49-9010	Control and valve installers and repairers	Summary
47-5040	Mining machine operators	Summary	49-9011	Mechanical door repairers	Line item
47-5041	Continuous mining machine operators	Line item	49-9012	Control and valve installers and repairers, except mechanical door	Line item
47-5042	Mine cutting and channeling machine operators	Line item	49-9021	Heating, air conditioning, and refrigeration mechanics and installers	Line item
47-5049	Mining machine operators, all other	Line item			
47-5051	Rock splitters, quarry	Line item			
47-5061	Roof bolters, mining	Line item			
47-5071	Roustabouts, oil and gas	Line item			
47-5081	Helpers—Extraction workers	Line item			
47-5099	Extraction workers, all other	Line item			
49-0000	Installation, maintenance, and repair occupations	Summary			
49-1000	Supervisors of installation, maintenance, and repair workers	Summary			

Table II-1. National Employment Matrix occupational directory, 2006 — Continued

Matrix code	Matrix occupation title	Occupation type	Matrix code	Matrix occupation title	Occupation type
49-9031	Home appliance repairers	Line item	51-3020	Butchers and other meat, poultry, and fish processing workers	Summary
49-9040	Industrial machinery installation, repair, and maintenance workers	Summary	51-3021	Butchers and meat cutters	Line item
49-9041	Industrial machinery mechanics	Line item	51-3022	Meat, poultry, and fish cutters and trimmers	Line item
49-9042	Maintenance and repair workers, general	Line item	51-3023	Slaughterers and meat packers	Line item
49-9043	Maintenance workers, machinery	Line item	51-3090	Miscellaneous food processing workers	Summary
49-9044	Millwrights	Line item	51-3091	Food and tobacco roasting, baking, and drying machine operators and tenders	Line item
49-9045	Refractory materials repairers, except brickmasons	Line item	51-3092	Food batchmakers	Line item
49-9050	Line installers and repairers	Summary	51-3093	Food cooking machine operators and tenders	Line item
49-9051	Electrical power-line installers and repairers	Line item	51-4000	Metal workers and plastic workers	Summary
49-9052	Telecommunications line installers and repairers	Line item	51-4010	Computer control programmers and operators	Summary
49-9060	Precision instrument and equipment repairers	Summary	51-4011	Computer-controlled machine tool operators, metal and plastic	Line item
49-9061	Camera and photographic equipment repairers	Line item	51-4012	Numerical tool and process control programmers	Line item
49-9062	Medical equipment repairers	Line item	51-4020	Forming machine setters, operators, and tenders, metal and plastic	Summary
49-9063	Musical instrument repairers and tuners	Line item	51-4021	Extruding and drawing machine setters, operators, and tenders, metal and plastic	Line item
49-9064	Watch repairers	Line item	51-4022	Forging machine setters, operators, and tenders, metal and plastic	Line item
49-9069	Precision instrument and equipment repairers, all other	Line item	51-4023	Rolling machine setters, operators, and tenders, metal and plastic	Line item
49-9090	Miscellaneous installation, maintenance, and repair workers	Summary	51-4030	Machine tool cutting setters, operators, and tenders, metal and plastic	Summary
49-9091	Coin, vending, and amusement machine servicers and repairers	Line item	51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	Line item
49-9092	Commercial divers	Line item	51-4032	Drilling and boring machine tool setters, operators, and tenders, metal and plastic	Line item
49-9093	Fabric menders, except garment	Line item	51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	Line item
49-9094	Locksmiths and safe repairers	Line item	51-4034	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	Line item
49-9095	Manufactured building and mobile home installers	Line item	51-4035	Milling and planing machine setters, operators, and tenders, metal and plastic	Line item
49-9096	Riggers	Line item	51-4041	Machinists	Line item
49-9097	Signal and track switch repairers	Line item	51-4050	Metal furnace and kiln operators and tenders	Summary
49-9098	Helpers--Installation, maintenance, and repair workers	Line item	51-4051	Metal-refining furnace operators and tenders	Line item
49-9099	Installation, maintenance, and repair workers, all other	Line item	51-4052	Pourers and casters, metal	Line item
51-0000	Production occupations	Summary	51-4060	Model makers and patternmakers, metal and plastic	Summary
51-1000	Supervisors, production workers	Summary	51-4061	Model makers, metal and plastic	Line item
51-1011	First-line supervisors/managers of production and operating workers	Line item	51-4062	Patternmakers, metal and plastic	Line item
51-2000	Assemblers and fabricators	Summary	51-4070	Molders and molding machine setters, operators, and tenders, metal and plastic	Summary
51-2011	Aircraft structure, surfaces, rigging, and systems assemblers	Line item	51-4071	Foundry mold and coremakers	Line item
51-2020	Electrical, electronics, and electromechanical assemblers	Summary	51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	Line item
51-2021	Coil winders, tapers, and finishers	Line item	51-4081	Multiple machine tool setters, operators, and tenders, metal and plastic	Line item
51-2022	Electrical and electronic equipment assemblers	Line item	51-4111	Tool and die makers	Line item
51-2023	Electromechanical equipment assemblers	Line item	51-4120	Welding, soldering, and brazing workers	Summary
51-2031	Engine and other machine assemblers	Line item	51-4121	Welders, cutters, solderers, and brazers	Line item
51-2041	Structural metal fabricators and fitters	Line item			
51-2090	Miscellaneous assemblers and fabricators	Summary			
51-2091	Fiberglass laminators and fabricators	Line item			
51-2092	Team assemblers	Line item			
51-2093	Timing device assemblers, adjusters, and calibrators	Line item			
51-2099	Assemblers and fabricators, all other	Line item			
51-3000	Food processing occupations	Summary			
51-3011	Bakers	Line item			

Table II-1. National Employment Matrix occupational directory, 2006 — Continued

Matrix code	Matrix occupation title	Occupation type	Matrix code	Matrix occupation title	Occupation type
51-4122	Welding, soldering, and brazing machine setters, operators, and tenders	Line item	51-7042	Woodworking machine setters, operators, and tenders, except sawing	Line item
51-4190	Miscellaneous metalworkers and plastic workers	Summary	51-7099	Woodworkers, all other	Line item
51-4191	Heat treating equipment setters, operators, and tenders, metal and plastic	Line item	51-8000	Plant and system operators	Summary
51-4192	Lay-out workers, metal and plastic	Line item	51-8010	Power plant operators, distributors, and dispatchers	Summary
51-4193	Plating and coating machine setters, operators, and tenders, metal and plastic	Line item	51-8011	Nuclear power reactor operators	Line item
51-4194	Tool grinders, filers, and sharpeners	Line item	51-8012	Power distributors and dispatchers	Line item
51-4199	Metal workers and plastic workers, all other	Line item	51-8013	Power plant operators	Line item
51-5000	Printing occupations	Summary	51-8021	Stationary engineers and boiler operators	Line item
51-5010	Bookbinders and bindery workers	Summary	51-8031	Water and liquid waste treatment plant and system operators	Line item
51-5011	Bindery workers	Line item	51-8090	Miscellaneous plant and system operators	Summary
51-5012	Bookbinders	Line item	51-8091	Chemical plant and system operators	Line item
51-5020	Printers	Summary	51-8092	Gas plant operators	Line item
51-5021	Job printers	Line item	51-8093	Petroleum pump system operators, refinery operators, and gaugers	Line item
51-5022	Prepress technicians and workers	Line item	51-8099	Plant and system operators, all other	Line item
51-5023	Printing machine operators	Line item	51-9000	Other production occupations	Summary
51-6000	Textile, apparel, and furnishings occupations	Summary	51-9010	Chemical processing machine setters, operators, and tenders	Summary
51-6011	Laundry and dry-cleaning workers	Line item	51-9011	Chemical equipment operators and tenders	Line item
51-6021	Pressers, textile, garment, and related materials	Line item	51-9012	Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	Line item
51-6031	Sewing machine operators	Line item	51-9020	Crushing, grinding, polishing, mixing, and blending workers	Summary
51-6040	Shoe and leather workers	Summary	51-9021	Crushing, grinding, and polishing machine setters, operators, and tenders	Line item
51-6041	Shoe and leather workers and repairers	Line item	51-9022	Grinding and polishing workers, hand	Line item
51-6042	Shoe machine operators and tenders	Line item	51-9023	Mixing and blending machine setters, operators, and tenders	Line item
51-6050	Tailors, dressmakers, and sewers	Summary	51-9030	Cutting workers	Summary
51-6051	Sewers, hand	Line item	51-9031	Cutters and trimmers, hand	Line item
51-6052	Tailors, dressmakers, and custom sewers	Line item	51-9032	Cutting and slicing machine setters, operators, and tenders	Line item
51-6060	Textile machine setters, operators, and tenders	Summary	51-9041	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	Line item
51-6061	Textile bleaching and dyeing machine operators and tenders	Line item	51-9051	Furnace, kiln, oven, drier, and kettle operators and tenders	Line item
51-6062	Textile cutting machine setters, operators, and tenders	Line item	51-9061	Inspectors, testers, sorters, samplers, and weighers	Line item
51-6063	Textile knitting and weaving machine setters, operators, and tenders	Line item	51-9071	Jewelers and precious stone and metal workers	Line item
51-6064	Textile winding, twisting, and drawing out machine setters, operators, and tenders	Line item	51-9080	Medical, dental, and ophthalmic laboratory technicians	Summary
51-6090	Miscellaneous textile, apparel, and furnishings workers	Summary	51-9081	Dental laboratory technicians	Line item
51-6091	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	Line item	51-9082	Medical appliance technicians	Line item
51-6092	Fabric and apparel patternmakers	Line item	51-9083	Ophthalmic laboratory technicians	Line item
51-6093	Upholsterers	Line item	51-9111	Packaging and filling machine operators and tenders	Line item
51-6099	Textile, apparel, and furnishings workers, all other	Line item	51-9120	Painting workers	Summary
51-7000	Woodworkers	Summary	51-9121	Coating, painting, and spraying machine setters, operators, and tenders	Line item
51-7011	Cabinetmakers and bench carpenters	Line item	51-9122	Painters, transportation equipment	Line item
51-7021	Furniture finishers	Line item	51-9123	Painting, coating, and decorating workers	Line item
51-7030	Model makers and patternmakers, wood	Summary	51-9130	Photographic process workers and processing machine operators	Summary
51-7031	Model makers, wood	Line item	51-9131	Photographic process workers	Line item
51-7032	Patternmakers, wood	Line item	51-9132	Photographic processing machine operators	Line item
51-7040	Woodworking machine setters, operators, and tenders	Summary			
51-7041	Sawing machine setters, operators, and tenders, wood	Line item			

Table II-1. National Employment Matrix occupational directory, 2006 — Continued

Matrix code	Matrix occupation title	Occupation type	Matrix code	Matrix occupation title	Occupation type
51-9141	Semiconductor processors	Line item	53-4012	Locomotive firers	Exclude
51-9190	Miscellaneous production workers	Summary	53-4013	Rail yard engineers, dinkey operators, and hostlers	Exclude
51-9191	Cementing and gluing machine operators and tenders	Line item	53-4021	Railroad brake, signal, and switch operators	Line item
51-9192	Cleaning, washing, and metal pickling equipment operators and tenders	Line item	53-4031	Railroad conductors and yardmasters	Line item
51-9193	Cooling and freezing equipment operators and tenders	Line item	53-4041	Subway and streetcar operators	Line item
51-9194	Etchers and engravers	Line item	53-4099	Rail transportation workers, all other	Line item
51-9195	Molders, shapers, and casters, except metal and plastic	Line item	53-5000	Water transportation occupations	Summary
51-9196	Paper goods machine setters, operators, and tenders	Line item	53-5011	Sailors and marine oilers	Line item
51-9197	Tire builders	Line item	53-5020	Ship and boat captains and operators	Summary
51-9198	Helpers--Production workers	Line item	53-5021	Captains, mates, and pilots of water vessels	Line item
51-9199	Production workers, all other	Line item	53-5022	Motorboat operators	Line item
53-0000	Transportation and material moving occupations	Summary	53-5031	Ship engineers	Line item
53-1000	Supervisors, transportation and material moving workers	Summary	53-6000	Other transportation workers	Summary
53-1011	Aircraft cargo handling supervisors	Line item	53-6011	Bridge and lock tenders	Line item
53-1021	First-line supervisors/managers of helpers, laborers, and material movers, hand	Line item	53-6021	Parking lot attendants	Line item
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	Line item	53-6031	Service station attendants	Line item
53-2000	Air transportation occupations	Summary	53-6041	Traffic technicians	Line item
53-2010	Aircraft pilots and flight engineers	Summary	53-6051	Transportation inspectors	Line item
53-2011	Airline pilots, copilots, and flight engineers	Line item	53-6099	Transportation workers, all other	Line item
53-2012	Commercial pilots	Line item	53-7000	Material moving occupations	Summary
53-2020	Air traffic controllers and airfield operations specialists	Summary	53-7011	Conveyor operators and tenders	Line item
53-2021	Air traffic controllers	Line item	53-7021	Crane and tower operators	Line item
53-2022	Airfield operations specialists	Line item	53-7030	Dredge, excavating, and loading machine operators	Summary
53-3000	Motor vehicle operators	Summary	53-7031	Dredge operators	Line item
53-3011	Ambulance drivers and attendants, except emergency medical technicians	Line item	53-7032	Excavating and loading machine and dragline operators	Line item
53-3020	Bus drivers	Summary	53-7033	Loading machine operators, underground mining	Line item
53-3021	Bus drivers, transit and intercity	Line item	53-7041	Hoist and winch operators	Line item
53-3022	Bus drivers, school	Line item	53-7051	Industrial truck and tractor operators	Line item
53-3030	Driver/sales workers and truck drivers	Summary	53-7060	Laborers and material movers, hand	Summary
53-3031	Driver/sales workers	Line item	53-7061	Cleaners of vehicles and equipment	Line item
53-3032	Truck drivers, heavy and tractor-trailer	Line item	53-7062	Laborers and freight, stock, and material movers, hand	Line item
53-3033	Truck drivers, light or delivery services	Line item	53-7063	Machine feeders and offbearers	Line item
53-3041	Taxi drivers and chauffeurs	Line item	53-7064	Packers and packagers, hand	Line item
53-3099	Motor vehicle operators, all other	Line item	53-7070	Pumping station operators	Summary
53-4000	Rail transportation occupations	Summary	53-7071	Gas compressor and gas pumping station operators	Line item
53-4010	Locomotive engineers and operators	Line item	53-7072	Pump operators, except wellhead pumpers	Line item
53-4011	Locomotive engineers	Exclude	53-7073	Wellhead pumpers	Line item
			53-7081	Refuse and recyclable material collectors	Line item
			53-7111	Shuttle car operators	Line item
			53-7121	Tank car, truck, and ship loaders	Line item
			53-7199	Material moving workers, all other	Line item

¹ Non-SOC codes used for these combinations of major occupational groups.