

NLSY79 Young Adult Attachments

**1970 & 1990 Census
Occupation and Industry Codes**

March 2000

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The Ohio State University
Columbus, Ohio**

This report was prepared under a contract with the Bureau of Labor Statistics, U.S. Department of Labor, with funds provided by an intergovernmental transfer from the National Institute of Child Health and Human Development (NICHD). Interpretations or viewpoints contained in this document do not necessarily represent the official position or policy of the Department of Labor or the NICHD.

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NLSY79 Young Adult Survey

ATTACHMENT 3:

1970 Census Occupational & Industrial Classification Codes

1970 CENSUS OF POPULATION: OCCUPATIONAL CLASSIFICATION SYSTEM

("n.e.c." means "not elsewhere classified.")

Occupation
Code Duncan
 SEI
 Score

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS

001 77 Accountants

002 85 Architects

Computer specialists

003 65 Computer programmers

004 65 Computer systems analysts

005 65 Computer specialists, n.e.c.

Engineers

006 87 Aeronautical and astronautical engineers

010 90 Chemical engineers

011 84 Civil engineers

012 84 Electrical and electronic engineers

013 86 Industrial engineers

014 80 Mechanical engineers

015 83 Metallurgical and materials engineers

020 85 Mining engineers

021 81 Petroleum engineers

022 87 Sales engineers

023 87 Engineers, n.e.c.

024 83 Farm management advisors

025 48 Foresters and conservationists

026 83 Home management advisors

Lawyers and judges

030 93 Judges

031 92 Lawyers

Librarians, archivists, and curators

032 60 Librarians

033 75 Archivists and curators

Mathematical specialists

034 81 Actuaries

035 80 Mathematicians

036 81 Statisticians

Life and physical scientists

| | | |
|-----|----|---|
| 042 | 80 | Agricultural scientists |
| 043 | 62 | Atmospheric and space scientists |
| 044 | 80 | Biological scientists |
| 045 | 79 | Chemists |
| 051 | 80 | Geologists |
| 052 | 80 | Marine scientists |
| 053 | 80 | Physicists and astronomers |
| 054 | 77 | Life and physical scientists, n.e.c. |
| 055 | 66 | Operations and systems researchers and analysts |
| 056 | 84 | Personnel and labor relations workers |

Physicians, dentists and related practitioners

| | | |
|-----|----|-------------------------------------|
| 061 | 75 | Chiropractors |
| 062 | 96 | Dentists |
| 063 | 79 | Optometrists |
| 064 | 81 | Pharmacists |
| 065 | 92 | Physicians, medical and osteopathic |
| 071 | 58 | Podiatrists |
| 072 | 78 | Veterinarians |
| 073 | 58 | Health practitioners, n.e.c. |

Nurses, dietitians, and therapists

| | | |
|-----|----|-------------------|
| 074 | 39 | Dietitians |
| 075 | 44 | Registered nurses |
| 076 | 60 | Therapists |

Health technologists and technicians

| | | |
|-----|----|---|
| 080 | 48 | Clinical laboratory technologists and technicians |
| 081 | 48 | Dental hygienists |
| 082 | 60 | Health record technologists and technicians |
| 083 | 48 | Radiologic technologists and technicians |
| 084 | 48 | Therapy assistants |
| 085 | 52 | Health technologists and technicians, n.e.c. |

Religious workers

| | | |
|-----|----|---------------------------|
| 086 | 52 | Clergymen |
| 090 | 57 | Religious workers, n.e.c. |

Social scientists

| | | |
|-----|----|-----------------------------|
| 091 | 74 | Economists |
| 092 | 81 | Political scientists |
| 093 | 81 | Psychologists |
| 094 | 81 | Sociologists |
| 095 | 65 | Urban and regional planners |
| 096 | 81 | Social scientists, n.e.c. |

Social and recreational workers

| | | |
|-----|----|--------------------|
| 100 | 64 | Social workers |
| 101 | 67 | Recreation workers |

Teachers, college and university

| | | |
|-----|----|---|
| 102 | 84 | Agriculture teachers |
| 103 | 84 | Atmospheric, earth, marine and space teachers |
| 104 | 84 | Biology teachers |
| 105 | 84 | Chemistry teachers |
| 110 | 84 | Physics teachers |
| 111 | 84 | Engineering teachers |
| 112 | 84 | Mathematics teachers |
| 113 | 84 | Health specialties teachers |
| 114 | 84 | Psychology teachers |
| 115 | 84 | Business and commerce teachers |
| 116 | 84 | Economics teachers |
| 120 | 84 | History teachers |
| 121 | 84 | Sociology teachers |
| 122 | 84 | Social science teachers, n.e.c. |
| 123 | 53 | Art, drama, and music teachers |
| 124 | 64 | Coaches and physical education teachers |
| 125 | 84 | Education teachers |
| 126 | 84 | English teachers |
| 130 | 84 | Foreign language teachers |
| 131 | 72 | Home economics teachers |
| 132 | 84 | Law teachers |
| 133 | 84 | Theology teachers |
| 134 | 84 | Trade, industrial, and technical teachers |
| 135 | 84 | Miscellaneous teachers, college and university |
| 140 | 84 | Teachers, college and university, subject not specified |

Teachers, except college and university

| | | |
|-----|----|---|
| 141 | 61 | Adult education teachers |
| 142 | 71 | Elementary school teachers |
| 143 | 72 | Prekindergarten and kindergarten teachers |
| 144 | 70 | Secondary school teachers |
| 145 | 62 | Teachers, except college and university, n.e.c. |

Engineering and science technicians

| | | |
|-----|----|---|
| 150 | 62 | Agriculture and biological technicians, except health |
| 151 | 62 | Chemical technicians |
| 152 | 67 | Draftsmen |
| 153 | 62 | Electrical and electronic engineering technicians |
| 154 | 64 | Industrial engineering technicians |
| 155 | 62 | Mechanical engineering technicians |

Engineering and science technicians - continued

| | | |
|-----|----|---|
| 156 | 53 | Mathematical technicians |
| 161 | 48 | Surveyors |
| 162 | 62 | Engineering and science technicians, n.e.c. |

Technicians, except health, and engineering and science

| | | |
|-----|----|---------------------------------------|
| 163 | 79 | Airplane pilots |
| 164 | 69 | Air traffic controllers |
| 165 | 61 | Embalmers |
| 170 | 48 | Flight engineers |
| 171 | 69 | Radio operators |
| 172 | 62 | Tool programmers, numerical control |
| 173 | 62 | Technicians, n.e.c. |
| 174 | 65 | Vocational and educational counselors |

Writers, artists, and entertainers

| | | |
|-----|----|--|
| 175 | 60 | Actors |
| 180 | 62 | Athletes and kindred workers |
| 181 | 76 | Authors |
| 182 | 45 | Dancers |
| 183 | 71 | Designers |
| 184 | 82 | Editors and reporters |
| 185 | 52 | Musicians and composers |
| 190 | 67 | Painters and sculptors |
| 191 | 50 | Photographers |
| 192 | 82 | Public relations men and publicity writers |
| 193 | 65 | Radio and television announcers |
| 194 | 40 | Writers, artists, and entertainers, n.e.c. |
| 195 | 65 | Research workers, not specified |

MANAGERS AND ADMINISTRATORS, EXCEPT FARM

| | | |
|-----|----|--|
| 201 | 61 | Assessors, controllers and treasurers; local public administration |
| 202 | 80 | Bank officers and financial managers |
| 203 | 51 | Buyers and shippers, farm products |
| 205 | 72 | Buyers, wholesale and retail trade |
| 210 | 74 | Credit men |
| 211 | 59 | Funeral directors |
| 212 | 74 | Health administrators |
| 213 | 58 | Construction inspectors, public administration |
| 215 | 55 | Inspectors, except construction, public administration |
| 216 | 32 | Managers and superintendent building |
| 220 | 74 | Office managers, n.e.c |
| 221 | 50 | Officers, pilots, and pursers; ship |
| 222 | 80 | Officials and administrators; public administration, n.e.c. |
| 223 | 60 | Officials of lodges, societies, and unions |
| 224 | 61 | Postmasters and mail superintendents |
| 225 | 75 | Purchasing agents and buyers, n.e.c |
| 226 | 59 | Railroad conductors |
| 230 | 38 | Restaurant, cafeteria, and bar managers |
| 231 | 72 | Sales managers and department heads, retail trade |
| 233 | 74 | Sales managers, except retail trade |
| 235 | 78 | School administrators, college |

| | | |
|-----|----|---|
| 240 | 72 | School administrators, elementary and secondary |
| 245 | 62 | Managers and administrators, n.e.c. |

SALES WORKERS

| | | |
|-----|----|---|
| 260 | 66 | Advertising agents and salesmen |
| 261 | 40 | Auctioneers |
| 262 | 35 | Demonstrators |
| 264 | 09 | Hucksters and peddlers |
| 265 | 66 | Insurance agents, brokers, and underwriters |
| 266 | 27 | Newsboys |
| 270 | 62 | Real estate agents and brokers |
| 271 | 72 | Stock and bond salesmen |
| 280 | 41 | Salesmen and sales clerks, n.e.c. |

CLERICAL AND UNSKILLED WORKERS

| | | |
|-----|----|---|
| 301 | 52 | Bank tellers |
| 303 | 44 | Billing clerks |
| 305 | 51 | Bookkeepers |
| 310 | 44 | Cashiers |
| 311 | 44 | Clerical assistants, social welfare |
| 312 | 44 | Clerical supervisors, n.e.c. |
| 313 | 43 | Collectors, bill and account |
| 314 | 44 | Counter clerks, except food |
| 315 | 40 | Dispatchers and starters, vehicle |
| 320 | 44 | Enumerators and interviewers |
| 321 | 59 | Estimators and investigators, n.e.c. |
| 323 | 44 | Expeditors and production controllers |
| 325 | 44 | File clerks |
| 326 | 62 | Insurance adjusters, examiners, and investigators |
| 330 | 44 | Library attendants, and assistants |
| 331 | 53 | Mail carriers, post office |
| 332 | 43 | Mail handlers, except post office |
| 333 | 28 | Messengers and office boys |
| 334 | 44 | Meter readers, utilities |

Office machine operators

| | | |
|-----|----|---|
| 341 | 45 | Bookkeeping and billing machine operators |
| 342 | 45 | Calculating machine operators |
| 343 | 45 | Computer and peripheral equipment operators |
| 344 | 45 | Duplicating machine operators |
| 345 | 45 | Key punch operators |
| 350 | 45 | Tabulating machine operators |
| 355 | 45 | Office machine operators, n.e.c. |
| 360 | 44 | Payroll and timekeeping clerks |
| 361 | 45 | Postal clerks |
| 362 | 44 | Proofreaders |
| 363 | 68 | Real estate appraisers |
| 364 | 44 | Receptionists |

Secretaries

| | | |
|-----|----|-------------------------------------|
| 370 | 61 | Secretaries, legal |
| 371 | 61 | Secretaries, medical |
| 372 | 62 | Secretaries, n.e.c. |
| 374 | 24 | Shipping and receiving clerks |
| 375 | 44 | Statistical clerks |
| 376 | 61 | Stenographers |
| 381 | 44 | Stock clerks and storekeepers |
| 382 | 63 | Teacher aides, exc. school monitors |
| 383 | 22 | Telegraph messengers |
| 384 | 47 | Telegraph operators |
| 385 | 45 | Telephone operators |
| 390 | 60 | Ticket, station, and express agents |
| 391 | 61 | Typists |
| 392 | 42 | Weighers |
| 394 | 44 | Miscellaneous clerical workers |
| 395 | 44 | Not specified clerical workers |

CRAFTSMEN AND KINDRED WORKERS

| | | |
|-----|----|---|
| 401 | 22 | Automobile accessories installers |
| 402 | 22 | Bakers |
| 403 | 16 | Blacksmiths |
| 404 | 33 | Boilermakers |
| 405 | 39 | Bookbinders |
| 410 | 27 | Brickmasons and stonemasons |
| 411 | 32 | Brickmasons and stonemasons, apprentices |
| 412 | 20 | Bulldozer operators |
| 413 | 22 | Cabinetmakers |
| 415 | 19 | Carpenters |
| 416 | 31 | Carpenter apprentices |
| 420 | 12 | Carpet installers |
| 421 | 19 | Cement and concrete finishers |
| 422 | 52 | Compositors and typesetters |
| 423 | 40 | Printing trades apprentices, exc. pressmen |
| 424 | 21 | Cranemen, derrickmen, and hoistmen |
| 425 | 40 | Decorators and window dressers |
| 426 | 48 | Dental laboratory technicians |
| 430 | 44 | Electricians |
| 431 | 37 | Electrician apprentices |
| 433 | 49 | Electric power linemen and cablemen |
| 434 | 55 | Electrotypers and stereotypers |
| 435 | 47 | Engravers, exc. photoengravers |
| 436 | 23 | Excavating, grading, and road machine operators; exc. bulldozer |
| 440 | 17 | Floor layers, exc. tile setters |
| 441 | 49 | Foremen, n.e.c. |
| 442 | 23 | Forgemen and hammermen |
| 443 | 18 | Furniture and wood finishers |
| 444 | 40 | Furriers |
| 445 | 25 | Glaziers |
| 446 | 22 | Heat treaters, annealers, and temperers |
| 450 | 22 | Inspectors, scalers, and graders; log and lumber |
| 452 | 41 | Inspectors, n.e.c. |

| | | |
|--------------------------------|----|--|
| 453 | 36 | Jewelers and watchmakers |
| 454 | 34 | Job and die setters, metal |
| 455 | 58 | Locomotive engineers |
| 456 | 45 | Locomotive firemen |
| 461 | 33 | Machinists |
| 462 | 41 | Machinist apprentices |
| Mechanics and repairmen | | |
| 470 | 27 | Air conditioning, heating, and refrigeration |
| 471 | 48 | Aircraft |
| 472 | 19 | Automobile body repairmen |
| 473 | 19 | Automobile mechanics |
| 474 | 25 | Automobile mechanic apprentices |
| 475 | 27 | Data processing machine repairmen |
| 480 | 27 | Farm implement |
| 481 | 27 | Heavy equipment mechanics, incl. diesel |
| 482 | 27 | Household appliance and accessory installers and mechanics |
| 483 | 10 | Loom fixers |
| 484 | 36 | Office machine |
| 485 | 36 | Radio and television |
| 486 | 21 | Railroad and car shop |
| 491 | 34 | Mechanic, exc. auto. apprentices |
| 492 | 27 | Miscellaneous mechanics and repairmen |
| 495 | 27 | Not specified mechanics and repairmen |
| 501 | 19 | Millers; grain, flour, and feed |
| 502 | 31 | Millwrights |
| 503 | 12 | Molders, metal |
| 504 | 33 | Molder apprentices |
| 505 | 43 | Motion picture projectionists |
| 506 | 39 | Opticians, and lens grinders and polishers |
| 510 | 16 | Painters, construction and maintenance |
| 511 | 29 | Painter apprentices |
| 512 | 14 | Paperhangers |
| 514 | 43 | Pattern and model makers, exc. paper |
| 515 | 63 | Photoengravers and lithographer |
| 516 | 38 | Piano and organ turners and repairmen |
| 520 | 25 | Plasterers |
| 521 | 29 | Plasterer apprentices |
| 522 | 34 | Plumbers and pipe fitters |
| 523 | 33 | Plumber and pipe fitter apprentices |
| 525 | 50 | Power station operators |
| 530 | 46 | Pressmen and plate printers, printing |
| 531 | 40 | Pressman apprentices |
| 533 | 22 | Rollers and finishers, metal |
| 534 | 15 | Roofers and slaters |
| 535 | 33 | Sheetmetal workers and tinsmiths |
| 536 | 33 | Sheetmetal apprentices |
| 540 | 34 | Shipfitters |
| 542 | 12 | Shoe repairmen |
| 543 | 17 | Sign painters and letterers |
| 545 | 45 | Stationary engineers |
| 546 | 24 | Stone cutters and stone carvers |
| 550 | 34 | Structural metal craftsmen |
| 551 | 22 | Tailors |

| | | |
|-----|----|---------------------------------------|
| 552 | 49 | Telephone installers and repairmen |
| 554 | 49 | Telephone linemen and splicers |
| 560 | 28 | Tile setters |
| 561 | 49 | Tool and die makers |
| 562 | 41 | Tool and die maker apprentices |
| 563 | 21 | Upholsterers |
| 571 | 35 | Specified craft apprentices, n.e.c. |
| 572 | 39 | Not specified apprentices |
| 575 | 25 | Craftsmen and kindred workers, n.e.c. |
| 580 | -4 | Former members of the Armed Forces |

OPERATIVES, EXCEPT TRANSPORT

| | | |
|-----|----|--|
| 601 | 32 | Asbestos and insulation workers |
| 602 | 18 | Assemblers |
| 603 | 11 | Blasters and powdermen |
| 604 | 18 | Bottling and canning operatives |
| 605 | 25 | Chainmen, rodmen, and axmen; surveying |
| 610 | 19 | Checkers, examiners, and inspectors; manufacturing |
| 611 | 18 | Clothing ironers and pressers |
| 612 | 19 | Cutting operatives, n.e.c. |
| 613 | 23 | Dressmakers and seamstresses, except factory |
| 614 | 24 | Drillers, earth |
| 615 | 25 | Dry wall installers and lathers |
| 620 | 12 | Dyers |
| 621 | 20 | Filers, polishers, sanders, and buffers |
| 622 | 18 | Furnacemen, smeltermen, and pourers |
| 623 | 18 | Garage workers and gas station attendants |
| 624 | 17 | Graders and sorters, manufacturing |
| 625 | 12 | Produce graders and packers, except factory and farm |
| 626 | 29 | Heaters, metal |
| 630 | 15 | Laundry and dry cleaning operatives, n.e.c. |
| 631 | 29 | Meat cutters and butchers, exc. manufacturing |
| 633 | 16 | Meat cutters and butchers, manufacturing |
| 634 | 18 | Meat wrappers, retail trade |
| 635 | 20 | Metal platers |
| 636 | 46 | Milliners |
| 640 | 16 | Mine operatives, n.e.c. |
| 641 | 18 | Mixing operatives |
| 642 | 15 | Oilers and greasers, exc. auto |
| 643 | 18 | Packers and wrappers, except meat and product |
| 644 | 18 | Painters, manufactured articles |
| 645 | 42 | Photographic process workers |

Precision machine operatives

| | | |
|-----|----|--------------------------------------|
| 650 | 25 | Drill press operatives |
| 651 | 22 | Grinding machine operatives |
| 652 | 22 | Lathe and milling machine operatives |
| 653 | 21 | Precision machine operatives, n.e.c. |
| 656 | 19 | Punch and stamping press operatives |
| 660 | 20 | Riveters and fasteners |
| 661 | 16 | Sailors and deckhands |
| 662 | 05 | Sawyers |
| 663 | 18 | Sewers and stitchers |

| | | |
|-----|----|-------------------------------|
| 664 | 09 | Shoemaking machine operatives |
| 665 | 24 | Solderers |
| 666 | 17 | Stationary firemen |

Textile operatives

| | | |
|-----|----|---|
| 670 | 03 | Carding, lapping, and combing operatives |
| 671 | 21 | Knitters, loopers, and toppers |
| 672 | 04 | Spinners twisters, and winders |
| 673 | 06 | Weavers |
| 674 | 06 | Textile operatives, n.e.c. |
| 680 | 24 | Welders and flamecutters |
| 681 | 20 | Winding operatives, n.e.c. |
| 690 | 19 | Machine operatives, miscellaneous specified |
| 692 | 19 | Machine operatives, not specified |
| 694 | 19 | Miscellaneous operatives |
| 695 | 19 | Not specified operatives |

TRANSPORT EQUIPMENT OPERATIVES

| | | |
|-----|----|---|
| 701 | 24 | Boatmen and canalmen |
| 703 | 34 | Bus drivers |
| 704 | 33 | Conductors and motormen, urban rail transit |
| 705 | 31 | Deliverymen and routemen |
| 706 | 17 | Fork lift and tow motor operatives |
| 710 | 03 | Motormen; mine, factory, logging camp, etc. |
| 711 | 19 | Parking attendants |
| 712 | 42 | Railroad brakemen |
| 713 | 44 | Railroad switchmen |
| 714 | 10 | Taxicab drivers and chauffeurs |
| 715 | 15 | Truck drivers |

LABORERS, EXCEPT FARM

| | | |
|-----|----|--|
| 740 | 17 | Animal caretakers, exc. farm |
| 750 | 07 | Carpenters' helpers |
| 751 | 07 | Construction' laborers, exc. carpenter's helpers |
| 752 | 11 | Fishermen and oystermen |
| 753 | 09 | Freight and material handlers |
| 754 | 08 | Garbage collectors |
| 755 | 11 | Gardeners and groundskeepers, exc. farm |
| 760 | 11 | Longshoremen and stevedores |
| 761 | 04 | Lumbermen, raftsmen, and woodchoppers |
| 762 | 17 | Stock handlers |
| 763 | 08 | Teamsters |
| 764 | 08 | Vehicle washers and equipment cleaners |
| 770 | 08 | Warehousemen, n.e.c. |
| 780 | 08 | Miscellaneous laborers |
| 785 | 08 | Not specified laborers |

FARMERS AND FARM MANAGERS

| | | |
|-----|----|------------------------------|
| 801 | 14 | Farmers (owners and tenants) |
| 802 | 36 | Farm managers |

FARM LABORERS AND FARM FOREMEN

| | | |
|-----|----|--------------------------------------|
| 821 | 20 | Farm foremen |
| 822 | 06 | Farm laborers, wage workers |
| 823 | 17 | Farm laborers, unpaid family workers |
| 824 | 22 | Farm service laborers, self-employed |

SERVICE WORKERS, EXC. PRIVATE HOUSEHOLD**Cleaning service workers**

| | | |
|-----|----|--|
| 901 | 13 | Chambermaids and maids, except private household |
| 902 | 08 | Cleaners and charwomen |
| 903 | 13 | Janitors and sextons |

Food service workers

| | | |
|-----|----|--|
| 910 | 19 | Bartenders |
| 911 | 11 | Busboys |
| 912 | 15 | Cooks, except private household |
| 913 | 11 | Dishwashers |
| 914 | 17 | Food counter and fountain workers |
| 915 | 16 | Waiters |
| 916 | 11 | Food service workers, n.e.c., except private household |

Health service workers

| | | |
|-----|----|--|
| 921 | 38 | Dental assistants |
| 922 | 25 | Health aides, exc. nursing |
| 923 | 51 | Health trainees |
| 924 | 37 | Lay midwives |
| 925 | 14 | Nursing aides, orderlies, and attendants |
| 926 | 22 | Practical nurses |

Personal service workers

| | | |
|-----|----|--|
| 931 | 31 | Airline stewardesses |
| 932 | 19 | Attendants, recreation and amusement |
| 933 | 26 | Attendants, personal service, n.e.c. |
| 934 | 08 | Baggage porters and bellhops |
| 935 | 17 | Barbers |
| 940 | 30 | Boarding and lodging housekeepers |
| 941 | 08 | Bootblacks |
| 942 | 28 | Child care workers, exc. private household |
| 943 | 10 | Elevator operators |
| 944 | 17 | Hairdressers and cosmetologists |
| 945 | 31 | Personal service apprentices |
| 950 | 31 | Housekeepers, exc. private household |
| 952 | 26 | School monitors |
| 953 | 25 | Ushers, recreation and amusement |
| 954 | 11 | Welfare service aides |

Protective service workers

| | | |
|-----|----|------------------------------------|
| 960 | 18 | Crossing guards and bridge tenders |
| 961 | 37 | Firemen, fire protection |
| 962 | 18 | Guards and watchmen |
| 963 | 21 | Marshals and constables |
| 964 | 41 | Policemen and detectives |
| 965 | 34 | Sheriffs and bailiffs |

PRIVATE HOUSEHOLD WORKERS

| | | |
|-----|----|---------------------------------------|
| 980 | 07 | Child care workers, private household |
| 981 | 07 | Cooks, private household |
| 982 | 11 | Housekeepers, private household |
| 983 | 12 | Laundresses, private household |
| 984 | 07 | Maids and servants, private household |

SOURCES: Three-digit Industry and Occupation Codes - U.S. Bureau of the Census, 1970 Census of Population Classified Index of Industries and Occupations, U.S. Government Printing Office, Washington, D.C., 1971.

Two-digit Duncan socioeconomic index scores - Albert J. Reiss, Jr., et al., Occupations and Social Status, Free Press of Glencoe, New York, N.Y., 1961.

NOTE: The following occupation codes were used in addition to those of the 1970 Census of Population:

000 = None

590 = Current member of armed forces

990 = Same as present job

995 = Never worked/Did not work during that period

1970 CENSUS OF POPULATION: INDUSTRIAL CLASSIFICATION SYSTEM("n.e.c." means "not elsewhere classified.")

Industry
Code**AGRICULTURE, FORESTRY, AND FISHERIES**

| | |
|-----|---|
| 017 | Agricultural production |
| 018 | Agricultural services, except horticultural |
| 019 | Horticultural services |
| 027 | Forestry |
| 028 | Fisheries |

MINING

| | |
|-----|---|
| 047 | Metal mining |
| 048 | Coal mining |
| 049 | Crude petroleum and natural gas extraction |
| 057 | Nonmetallic mining and quarrying, except fuel |

CONSTRUCTION

| | |
|-----|--------------------------------------|
| 067 | General building contractors |
| 068 | General contractors, except building |
| 069 | Special trade contractors |
| 077 | Not specified construction |

MANUFACTURING**Durable goods**

| | |
|-----|--|
| | Lumber and wood products, except furniture |
| 107 | Logging |
| 108 | Sawmills, planing mills, and mill work |
| 109 | Miscellaneous wood products |
| 118 | Furniture and fixtures |
| | Stone, Clay, and glass products |
| 119 | Glass and glass products |
| 127 | Cement, Concrete, gypsum, and plaster products |
| 128 | Structural clay products |
| 137 | Pottery and related products |
| 138 | Miscellaneous nonmetallic mineral and stone products |

Durable goods - continued

Metal industries

| | |
|-----|--|
| 139 | Blast furnaces, steel works, rolling and finishing mills |
| 147 | Other primary iron and steel industries |
| 148 | Primary aluminum industries |
| 149 | Other primary nonferrous industries |
| 157 | Cutlery, hand tools, and other hardware |
| 158 | Fabricated structural metal products |
| 159 | Screw machine products |
| 167 | Metal stamping |
| 168 | Miscellaneous fabricated metal products |
| 169 | Not specified metal industries |

Machinery, except electrical

| | |
|-----|---|
| 177 | Engines and turbines |
| 178 | Farm machinery and equipment |
| 179 | Construction and material handling machines |
| 187 | Metalworking machinery |
| 188 | Office and accounting machines |
| 189 | Electronic computing equipment |
| 197 | Machinery, except electrical, n.e.c. |
| 198 | Not specified machinery |

Electrical machinery, equipment and supplies

| | |
|-----|---|
| 199 | Household appliances |
| 207 | Radio, T.V., and communication equipment |
| 208 | Electrical machinery, equipment, and supplies, n.e.c. |
| 209 | Not specified electrical machinery, equipment, and supplies |

Transportation equipment

| | |
|-----|---|
| 219 | Motor vehicles and motor vehicle equipment |
| 227 | Aircraft and parts |
| 228 | Ship and boat building and repairing |
| 229 | Railroad locomotives and equipment |
| 237 | Mobile dwellings and campers |
| 238 | Cycles and miscellaneous transportation equipment |

Professional and photographic equipment and watches

| | |
|-----|---|
| 239 | Scientific and controlling instruments |
| 247 | Optical and health services supplies |
| 248 | Photographic equipment and supplies |
| 249 | Watches, clocks, and clockwork-operated devices |
| 257 | Not specified professional equipment |
| 258 | Ordnance |
| 259 | Miscellaneous manufacturing industries |

Nondurable goods

| | |
|-----|--|
| | Food and kindred products |
| 268 | Meat products |
| 269 | Dairy products |
| 278 | Canning and preserving fruits, vegetables, and sea foods |
| 279 | Grain-mill products |
| 287 | Bakery products |
| 288 | Confectionery and related products |
| 289 | Beverage industries |
| 297 | Miscellaneous food preparation and kindred products |
| 298 | Not specified food industries |
| 299 | Tobacco manufactures |
| | Textile mill products |
| 307 | Knitting mills |
| 308 | Dyeing and finishing textiles, except wool and knit goods |
| 309 | Floor coverings, except hard surface |
| 317 | Yarn, thread, and fabric mills |
| 318 | Miscellaneous textile mill products |
| | Apparel and other fabricated textile products |
| 319 | Apparel and accessories |
| 327 | Miscellaneous fabricated textile products |
| | Paper and allied products |
| 328 | Pulp, paper, and paperboard mills |
| 329 | Miscellaneous paper and pulp products |
| 337 | Paperboard containers and boxes |
| | Printing, publishing, and allied industries |
| 338 | Newspaper publishing and printing |
| 339 | Printing, publishing, and allied industries, except newspapers |
| | Chemicals and allied products |
| 347 | Industrial chemicals |
| 348 | Plastics, synthetics and resins, except fibers |
| 349 | Synthetic fibers |
| 357 | Drugs and medicines |
| 358 | Soaps and cosmetics |
| 359 | Paints, varnishes, and related product |
| 367 | Agricultural chemicals |
| 368 | Miscellaneous chemicals |
| 369 | Not specified chemicals and allied products |
| | Petroleum and coal products |
| 377 | Petroleum refining |
| 378 | Miscellaneous petroleum and coal products |

| | |
|-----|---|
| | Rubber and miscellaneous plastic products |
| 379 | Rubber products |
| 387 | Miscellaneous plastic products |
| | Leather and leather products |
| 388 | Tanned, curried, and finished leather |
| 389 | Footwear, except rubber |
| 397 | Leather products, except footwear |
| 398 | Not specified manufacturing industries |

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

Transportation

| | |
|-----|---------------------------------------|
| 407 | Railroads and railway express service |
| 408 | Street railways and bus lines |
| 409 | Taxicab service |
| 417 | Trucking service |
| 418 | Warehousing and storage |
| 419 | Water transportation |
| 427 | Air transportation |
| 428 | Pipe lines, except natural gas |
| 429 | Services incidental to transportation |

Communications

| | |
|-----|--|
| 447 | Radio broadcasting and television |
| 448 | Telephone (wire and radio) |
| 449 | Telegraph and miscellaneous communication services |

Utilities and sanitary services

| | |
|-----|-----------------------------------|
| 467 | Electric light and power |
| 468 | Electric-gas utilities |
| 469 | Gas and steam supply systems |
| 477 | Water supply |
| 478 | Sanitary services |
| 479 | Other and not specified utilities |

WHOLESALE AND RETAIL TRADE

Wholesale trade

| | |
|-----|--|
| 507 | Motor vehicles and equipment |
| 508 | Drugs, chemicals, and allied products |
| 509 | Dry goods and apparel |
| 527 | Food and related products |
| 528 | Farm products--raw materials |
| 529 | Electrical goods |
| 537 | Hardware, plumbing, and heating supply |
| 538 | Not specified electrical and hardware products |
| 539 | Machinery equipment and supplies |

557 Metals and minerals, n.e.c.
558 Petroleum products
559 Scrap and waste materials
567 Alcoholic beverages
568 Paper and its products
569 Lumber and construction materials
587 Wholesalers, n.e.c.
588 Not specified wholesale trade

Retail trade

607 Lumber and building material retailing
608 Hardware and farm equipment stores
609 Department and mail order establishments
617 Limited price variety stores
618 Vending machine operators
619 Direct selling establishments
627 Miscellaneous general merchandise stores
628 Grocery stores
629 Dairy products stores
637 Retail bakeries
638 Food stores, n.e.c.
639 Motor vehicle dealers
647 Tire, battery, and accessory dealers
648 Gasoline service stations
649 Miscellaneous vehicle dealers
657 Apparel and accessories stores, except shoe stores
658 Shoe stores
667 Furniture and home furnishings stores
668 Household appliances, T.V., and radio stores
669 Eating and drinking places
677 Drug stores
678 Liquor stores
679 Farm and garden supply stores
687 Jewelry stores
688 Fuel and ice dealers
689 Retail florists
697 Miscellaneous retail stores
698 Not specified retail trade

FINANCE, INSURANCE, and REAL ESTATE

707 Banking
708 Credit agencies
709 Security, commodity brokerage, and investment companies
717 Insurance
718 Real estate, incl. real estate-insurance-law offices

BUSINESS AND REPAIR SERVICES

| | |
|-----|--|
| 727 | Advertising |
| 728 | Services to dwellings and other buildings |
| 729 | Commercial research, development, and testing labs |
| 737 | Employment and temporary help agencies |
| 738 | Business management and consulting services |
| 739 | Computer programming services |
| 747 | Detective and protective services |
| 748 | Business services, n.e.c. |
| 749 | Automobile services, except repair |
| 757 | Automobile repair and related services |
| 758 | Electrical repair shops |
| 759 | Miscellaneous repair services |

PERSONAL SERVICES

| | |
|-----|--|
| 769 | Private households |
| 777 | Hotels and motels |
| 778 | Lodging places, except hotels and motels |
| 779 | Laundrying, cleaning, and other garment services |
| 787 | Beauty shops |
| 788 | Barber shops |
| 789 | Shoe repair shops |
| 797 | Dressmaking shops |
| 798 | Miscellaneous personal services |

ENTERTAINMENT AND RECREATION SERVICES

| | |
|-----|---|
| 807 | Theaters and motion pictures |
| 808 | Bowling alleys, billiard and pool parlors |
| 809 | Miscellaneous entertainment and recreation services |

PROFESSIONAL AND RELATED SERVICES

| | |
|-----|---|
| 828 | Offices of physicians |
| 829 | Offices of dentists |
| 837 | Offices of chiropractors |
| 838 | Hospitals |
| 839 | Convalescent institutions |
| 847 | Offices of health practitioners, n.e.c. |
| 848 | Health services, n.e.c. |
| 849 | Legal services |
| 857 | Elementary and secondary schools |
| 858 | Colleges and universities |
| 859 | Libraries |
| 867 | Educational services, n.e.c. |
| 868 | Not specified educational services |
| 869 | Museums, art galleries, and zoos |

| | |
|-----|---|
| 877 | Religious organizations |
| 878 | Welfare services |
| 879 | Residential welfare services |
| 887 | Nonprofit membership organizations |
| 888 | Engineering and architectural services |
| 889 | Accounting, auditing, and bookkeeping services |
| 897 | Miscellaneous professional and related services |

PUBLIC ADMINISTRATION

| | |
|-----|-------------------------------|
| 907 | Postal service |
| 917 | Federal public administration |
| 927 | State public administration |
| 937 | Local public administration |

NLSY79 Young Adult Survey

ATTACHMENT 4:

1990 Census Occupation and Industry Codes

**U.S. DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233**

**1990 CENSUS OF POPULATION
OCCUPATIONAL CLASSIFICATION SYSTEM**

(The numbers in parentheses refer to the 1980 Standard Occupational Classification codes. "pt" means part. "n.e.c." means not elsewhere classified.)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

1990
CENSUS
CODE

Executive, Administrative, and Managerial Occupations

| | |
|-----|--|
| 003 | Legislators (111) |
| 004 | Chief executives and general administrators, public administration (112) |
| 005 | Administrators and officials, public administration (1132-1139) |
| 006 | Administrators, protective services (1131) |
| 007 | Financial managers (122) |
| 008 | Personnel and labor relations managers (123) |
| 009 | Purchasing managers (124) |
| 013 | Managers, marketing, advertising, and public relations (125) |
| 014 | Administrators, education and related fields (128) |
| 015 | Managers, medicine and health (131) |
| 016 | Postmasters and mail superintendents (1344) |
| 017 | Managers, food serving and lodging establishments (1351) |
| 018 | Managers, properties and real estate (1353) |
| 019 | Funeral directors (pt 1359) |
| 021 | Managers, service organizations, n.e.c. (127, 1352, 1354, pt 1359) |
| 022 | Managers and administrators n.e.c. (121, 126, 132-1343, 136-139) |

Management Related Occupations

| | |
|-----|--|
| 023 | Accountants and auditors (1412) |
| 024 | Underwriters (1414) |
| 025 | Other financial officers (1415, 1419) |
| 026 | Management analysts (142) |
| 027 | Personnel, training, and labor relations specialists (143) |
| 028 | Purchasing agents and buyers, farm products (1443) |
| 029 | Buyers, wholesale and retail trade except farm products (1442) |
| 033 | Purchasing agents and buyers, n.e.c. (1449) |
| 034 | Business and promotion agents (145) |
| 035 | Construction inspectors (1472) |
| 036 | Inspectors and compliance officers, except construction (1473) |
| 037 | Management related occupations, n.e.c. (149) |

PROFESSIONAL SPECIALTY OCCUPATIONS**Engineers, Architects, and Surveyors**

| | |
|-----|--|
| 043 | Architects (161) |
| | Engineers |
| 044 | Aerospace (1622) |
| 045 | Metallurgical and materials (1623) |
| 046 | Mining (1624) |
| 047 | Petroleum (1625) |
| 048 | Chemical (1626) |
| 049 | Nuclear (1627) |
| 053 | Civil (1628) |
| 054 | Agricultural (1632) |
| 055 | Electrical and electronic (1633, 1636) |
| 056 | Industrial (1634) |
| 057 | Mechanical (1635) |
| 058 | Marine and naval architects (1637) |
| 059 | Engineers, n.e.c. (1639) |
| 063 | Surveyors and mapping scientists (164) |

Mathematical and Computer Scientists

| | |
|-----|---|
| 064 | Computer systems analysts and scientists (171) |
| 065 | Operations and systems researchers and analysts (172) |
| 066 | Actuaries (1732) |
| 067 | Statisticians (1733) |
| 068 | Mathematical scientists, n.e.c. (1739) |

Natural Scientists

| | |
|-----|---|
| 069 | Physicists and astronomers (1842, 1843) |
| 073 | Chemists, except biochemists (1845) |
| 074 | Atmospheric and space scientists (1846) |
| 075 | Geologists and geodesists (1847) |
| 076 | Physical scientists, n.e.c. (1849) |
| 077 | Agricultural and food scientists (1853) |
| 078 | Biological and life scientists (1854) |
| 079 | Forestry and conservation scientists (1852) |
| 083 | Medical scientists (1855) |

Health Diagnosing Occupations

| | |
|-----|---|
| 084 | Physicians (261) |
| 085 | Dentists (262) |
| 086 | Veterinarians (27) |
| 087 | Optometrists (281) |
| 088 | Podiatrists (283) |
| 089 | Health diagnosing practitioners, n.e.c. (289) |

Health Assessment and Treating Occupations

| | |
|-----|--------------------------------|
| 095 | Registered nurses (29) |
| 096 | Pharmacists (301) |
| 097 | Dietitians (302) |
| | Therapists |
| 098 | Respiratory therapists (3031) |
| 099 | Occupational therapists (3032) |
| 103 | Physical therapists (3033) |
| 104 | Speech therapists (3034) |
| 105 | Therapists, n.e.c. (3039) |
| 106 | Physicians' assistants (304) |

Teachers, Postsecondary

| | |
|-----|--|
| 113 | Earth, environmental, and marine science teachers (2212) |
| 114 | Biological science teachers (2213) |
| 115 | Chemistry teachers (2214) |
| 116 | Physics teachers (2215) |
| 117 | Natural science teachers, n.e.c. (2216) |
| 118 | Psychology teachers (2217) |
| 119 | Economics teachers (2218) |
| 123 | History teachers (2222) |
| 124 | Political science teachers (2223) |
| 125 | Sociology teachers (2224) |
| 126 | Social science teachers, n.e.c. (2225) |
| 127 | Engineering teachers (2226) |
| 128 | Mathematical science teachers (2227) |
| 129 | Computer science teachers (2228) |
| 133 | Medical science teachers (2231) |
| 134 | Health specialties teachers (2232) |
| 135 | Business, commerce, and marketing teachers (2233) |
| 136 | Agriculture and forestry teachers (2234) |
| 137 | Art, drama, and music teachers (2235) |
| 138 | Physical education teachers (2236) |
| 139 | Education teachers (2237) |
| 143 | English teachers (2238) |
| 144 | Foreign language teachers (2242) |
| 145 | Law teachers (2243) |
| 146 | Social work teachers (2244) |
| 147 | Theology teachers (2245) |
| 148 | Trade and industrial teachers (2246) |
| 149 | Home economics teachers (2247) |
| 153 | Teachers, postsecondary, n.e.c. (2249) |
| 154 | Postsecondary teachers, subject not specified |
| | Teachers, Except Postsecondary |
| 155 | Teachers, prekindergarten and kindergarten (231) |
| 156 | Teachers, elementary school (232) |
| 157 | Teachers, secondary school (233) |
| 158 | Teachers, special education (235) |
| 159 | Teachers, n.e.c. (236, 239) |

163 Counselors, educational and vocational (24)

Librarians, Archivists, and Curators

164 Librarians (251)

165 Archivists and curators (252)

Social Scientists and Urban Planners

166 Economists (1912)

167 Psychologists (1915)

168 Sociologists (1916)

169 Social scientists, n.e.c. (1913, 1914, 1919)

173 Urban planners (192)

Social, Recreation, and Religious Workers

174 Social workers (2032)

175 Recreation workers (2033)

176 Clergy (2042)

177 Religious workers, n.e.c. (2049)

Lawyers and Judges

178 Lawyers (211)

179 Judges (212)

Writers, Artists, Entertainers, and Athletes

183 Authors (321)

184 Technical writers (398)

185 Designers (322)

186 Musicians and composers (323)

187 Actors and directors (324)

188 Painters, sculptors, craft-artists, and artist printmakers (325)

189 Photographers (326)

193 Dancers (327)

194 Artists, performers, and related workers, n.e.c. (328, 329)

195 Editors and reporters (331)

197 Public relations specialists (332)

198 Announcers (333)

199 Athletes (34)

TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS

Technicians and Related Support occupations

Health Technologists and Technicians

203 Clinical laboratory technologists and technicians (362)

204 Dental hygienists (363)

205 Health record technologists and technicians (364)

206 Radiologic technicians (365)

207 Licensed practical nurses (366)

208 Health technologists and technicians, n.e.c. (369)

Technologists and Technicians, Except Health

Engineering and Related Technologists and Technicians

- 213 Electrical and electronic technicians (3711)
- 214 Industrial engineering technicians (3712)
- 215 Mechanical engineering technicians (3713)
- 216 Engineering technicians, n.e.c. (3719)
- 217 Drafting occupations (372)
- 218 Surveying and mapping technicians (373)

Science Technicians

- 223 Biological technicians (382)
- 224 Chemical technicians (3831)
- 225 Science technicians, n.e.c. (3832, 3833, 384, 389)

Technicians: Except Health, Engineering and Science

- 226 Airplane pilots and navigators (825)
- 227 Air traffic controllers (392)
- 228 Broadcast equipment operators (393)
- 229 Computer programmers (3971, 3972)
- 233 Tool programmers, numerical control (3974)
- 234 Legal assistants (396)
- 235 Technicians, n.e.c. (399)

Sales Occupations

- 243 Supervisors and proprietors, sales occupations (40)
- Sales Representatives, Finance and Business Services
- 253 Insurance sales occupations (4122)
- 254 Real estate sales occupations (4123)
- 255 Securities and financial services sales occupations (4124)
- 256 Advertising and related sales occupations (4153)
- 257 Sales occupations, other business services (4152)
- Sales Representatives, Commodities Except Retail
- 258 Sales engineers (421)
- 259 Sales representatives, mining, manufacturing, and wholesale (423, 424)

Sales Workers, Retail and Personal Services

- 263 Sales workers, motor vehicles and boats (4342, 4344)
- 264 Sales workers, apparel (4346)
- 265 Sales workers, shoes (4351)
- 266 Sales workers, furniture and home furnishings (4348)
- 267 Sales workers; radio, TV, hi-fi, and appliances (4343, 4352)
- 268 Sales workers, hardware and building supplies (4353)
- 269 Sales workers, parts (4367)
- 274 Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
- 275 Sales counter clerks (4363)
- 276 Cashiers (4364)
- 277 Street and door-to-door sales workers (4366)
- 278 News vendors (4365)

Sales Related Occupations

- 283 Demonstrators, promoters and models, sales (445)
- 284 Auctioneers (447)
- 285 Sales support occupations, n.e.c. (444, 446, 449)

Administrative Support Occupations, Including Clerical

Supervisors, Administrative Support Occupations

- 303 Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
- 304 Supervisors, computer equipment operators (4512)
- 305 Supervisors, financial records processing (4521)
- 306 Chief communications operators (4523)
- 307 Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)

Computer Equipment Operators

- 308 Computer operators (4612)
- 309 Peripheral equipment operators (4613)

Secretaries, Stenographers, and Typists

- 313 Secretaries (4622)
- 314 Stenographers (4623)
- 315 Typists (4624)

Information Clerks

- 316 Interviewers (4642)
- 317 Hotel clerks (4643)
- 318 Transportation ticket and reservation agents (4644)
- 319 Receptionists (4645)
- 323 Information clerks, n.e.c. (4649)

Records Processing Occupations, Except Financial

- 325 Classified-ad clerks (4662)
- 326 Correspondence clerks (4663)
- 327 Order clerks (4664)
- 328 Personnel clerks, except payroll and timekeeping (4692)
- 329 Library clerks (4694)
- 335 File clerks (4696)
- 336 Records clerks (4699)

Financial Records Processing Occupations

- 337 Bookkeepers, accounting, and auditing clerks (4712)
- 338 Payroll and timekeeping clerks (4713)
- 339 Billing clerks (4715)
- 343 Cost and rate clerks (4716)
- 344 Billing, posting, and calculating machine operators (4718)

Duplicating, Mail and Other Office Machine Operators

- 345 Duplicating machine operators (4722)
- 346 Mail preparing and paper handling machine operators (4723)
- 347 office machine operators, n.e.c. (4729)

Communications Equipment Operators

- 348 Telephone operators (4732)
- 353 Communications equipment operators, n.e.c. (4733, 4739)

| | |
|-----|--|
| | Mail and Message Distributing Occupations |
| 354 | Postal clerks, exc. mail carriers (4742) |
| 355 | Mail carriers, postal service (4743) |
| 356 | Mail clerks, exc. postal service (4744) |
| 357 | Messengers (4745) |
| | Material Recording, Scheduling, and Distributing Clerks |
| 359 | Dispatchers (4751) |
| 363 | Production coordinators (4752) |
| 364 | Traffic, shipping, and receiving clerks (4753) |
| 365 | Stock and inventory clerks (4754) |
| 366 | Motor readers (4755) |
| 368 | Weighers, measurers, checkers and samplers (4756, 4757) |
| 373 | Expeditors (4758) |
| 374 | Material recording, scheduling, and distributing clerks, n.e.c. (4759) |
| | Adjusters and Investigators |
| 375 | Insurance adjusters, examiners, and investigators (4782) |
| 376 | Investigators and adjusters except insurance (4783) |
| 377 | Eligibility clerks, social welfare (4784) |
| 378 | Bill and account collectors (4786) |
| | Miscellaneous Administrative Support Occupations |
| 379 | General office clerks (463) |
| 383 | Bank tellers (4791) |
| 384 | Proofreaders (4792) |
| 385 | Data-entry keyers (4793) |
| 386 | Statistical clerks (4794) |
| 387 | Teachers' aides (4795) |
| 389 | Administrative support occupations, n.e.c. (4787, 4799) |

SERVICE OCCUPATIONS

Private Household Occupations

| | |
|-----|---|
| 403 | Launderers and ironers (503) |
| 404 | Cooks, private household (504) |
| 405 | Housekeepers and butlers (505) |
| 406 | Child care workers, private household (506) |
| 407 | Private household cleaners and servants (502, 507, 509) |

Protective Service Occupations

| | |
|-----|--|
| | Supervisors Protective Service Occupations |
| 413 | Supervisors, firefighting and fire prevention occupations (5111) |
| 414 | Supervisors, police and detectives (5112) |
| 415 | Supervisors, guards (5113) |
| | Firefighting and Fire Prevention Occupations |
| 416 | Fire inspection and fire prevention occupations (5122) |
| 417 | Firefighting occupations (5123) |
| | Police and Detectives |
| 418 | Police and detectives, public service (5132) |

- 423 Sheriffs, bailiffs, and other law enforcement officers (5134)
- 424 Correctional institution officers (5133)
- Guards
- 425 Crossing guards (5142)
- 426 Guards and police, exc. public service (5144)
- 427 Protective service occupations, n.e.c. (5149)

Service Occupations, Except Protective and Household

Food Preparation and Service Occupations

- 433 Supervisors, food preparation and service occupations (5211)
- 434 Bartenders (5212)
- 435 Waiters and waitresses (5213)
- 436 Cooks (5214, 5215)
- 438 Food counter, fountain and related occupations (5216)
- 439 Kitchen workers, food preparation (5217)
- 443 Waiters'/waitresses' assistants (5218)
- 444 Miscellaneous food preparation occupations (5219)

Health service Occupations

- 445 Dental assistants (5232)
- 446 Health aides, except nursing (5233)
- 447 Nursing aides, orderlies, and attendants (5236)

Cleaning and Building Service Occupations, except Household

- 448 Supervisors cleaning and building service workers (5241)
- 449 Maids and houseman (5242, 5249)
- 453 Janitors and cleaners (5244)
- 454 Elevator operators (5245)
- 455 Post control occupations (5246)

Personal Service Occupations

- 456 Supervisors, personal service occupations (5251)
- 457 Barbers (5252)
- 458 Hairdressers and cosmetologists (5253)
- 459 Attendants, amusement and recreation facilities (5254)
- 461 Guides (5255)
- 462 Ushers (5256)
- 463 Public transportation attendants (5257)
- 464 Baggage porters and bellhops (5262)
- 465 Welfare service aides (5263)
- 466 Family child care providers (pt 5264)
- 467 Early childhood teacher's assistants (pt 5264)
- 468 Child care workers, n.e.c. (pt 5264)
- 469 Personal service occupations, n.e.c. (52, 58,5269)

FARMING, FORESTRY AND FISHING OCCUPATIONS

Farm Operators and Managers

| | |
|-----|---|
| 473 | Farmers, except horticultural (5512-5514) |
| 474 | Horticultural specialty farmers (5515) |
| 475 | Managers, farms, except horticultural (5522-5524) |
| 476 | Managers, horticultural specialty farms (5525) |

Other Agricultural and Related Occupations

| | |
|-----|---|
| | Farm Occupations Except Managerial |
| 477 | Supervisors, farm workers (5611) |
| 479 | Farm workers (5612-5617) |
| 483 | Marine life cultivation workers (5618) |
| 484 | Nursery workers (5619) |
| | Related Agricultural Occupations |
| 485 | Supervisors related agricultural occupations (5621) |
| 486 | Groundskeepers and gardeners, except farm (5622) |
| 487 | Animal caretakers, except farm (5624) |
| 488 | Graders and sorters, agricultural products (5625) |
| 489 | Inspectors, agricultural products (5627) |

Forestry and Logging Occupations

| | |
|-----|---|
| 494 | Supervisors, forestry, and logging workers (571) |
| 495 | Forestry workers, except logging (572) |
| 496 | Timber cutting and logging occupations (573, 579) |

Fishers, Hunters, and Trappers

| | |
|-----|--|
| 497 | Captains and other officers, fishing vessels (pt 8241) |
| 498 | Fishers (583) |
| 499 | Hunters and trappers (584) |

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

Mechanics and Repairers

| | |
|-----|---|
| 503 | Supervisors, mechanics and repairers (60) |
| | Mechanics and Repairers, Except Supervisors |
| | Vehicle and Mobil Equipment Mechanics and Repairers |
| 505 | Automobile mechanics (pt 6111) |
| 506 | Automobile mechanic apprentices (pt 6111) |
| 507 | Bus, truck, and stationary engine mechanics (6112) |
| 508 | Aircraft engine mechanics (6113) |
| 509 | Small engine repairers (6114) |
| 514 | Automobile body and related repairers (6115) |
| 515 | Aircraft mechanics, exc. engine (6116) |
| 516 | Heavy equipment mechanics (6117) |
| 517 | Farm equipment mechanics |
| 518 | Industrial machinery repairers (613) |
| 519 | Machinery maintenance occupations (614) |

Electrical and Electronic Equipment Repairers

| | |
|-----|--|
| 523 | Electronic repairers, communications and industrial equipment (6151, 6153, 6155) |
| 525 | Data processing equipment repairers (6154) |
| 526 | Household appliance and power tool repairers (6156) |
| 527 | Telephone line installers and repairers (6157) |
| 529 | Telephone installers and repairers (6158) |
| 533 | Miscellaneous electrical and electronic equipment repairers (6152, 6159) |
| 534 | Heating, air conditioning, and refrigeration mechanics (616) |
| | Miscellaneous Mechanics and Repairers |
| 535 | Camera, watch, and musical instrument repairers (6171, 6172) |
| 536 | Locksmiths and safe repairers (6173) |
| 538 | Office machine repairers (6174) |
| 539 | Mechanical controls and valve repairers (6175) |
| 543 | Elevator installers and repairers (6176) |
| 544 | Millwrights (6178) |
| 547 | Specified mechanics and repairers, n.e.c. (6177, 6179) |
| 549 | Not specified mechanics and repairers |

Construction Trades

Supervisors, Construction Occupations

| | |
|-----|--|
| 553 | Supervisors; brickmasons, stonemasons, and tile setters (6312) |
| 554 | Supervisors; carpenters and related workers (6313) |
| 555 | Supervisors; electricians and power transmission installers (6314) |
| 556 | Supervisors; painters, paperhangers, and plasterers (6315) |
| 557 | Supervisors; plumbers, pipefitters, and steamfitters (6316) |
| 558 | Supervisors; n.e.c. (6311, 6318) |

Construction Trades Except Supervisors

| | |
|-----|---|
| 563 | Brickmasons and stonemasons (pt 6412, pt 6413) |
| 564 | Brickmason and stonemason apprentices (pt 6412, pt 6413) |
| 565 | Tile setters, hard and soft (pt 6414, pt 6462) |
| 566 | Carpet installers (pt 6462) |
| 567 | Carpenters (pt 6422) |
| 569 | Carpenter apprentices (pt 6422) |
| 573 | Drywall installers (6424) |
| 575 | Electricians (pt 6432) |
| 576 | Electrician apprentices (pt 6432) |
| 577 | Electrical power installers and repairers (6433) |
| 579 | Painters, construction and maintenance (6442) |
| 583 | Paperhangers (6443) |
| 584 | Plasterers (6444) |
| 585 | Plumbers, pipefitters, and steamfitters (pt 645) |
| 587 | Plumber, pipefitter, and steamfitter apprentices (pt 645) |
| 588 | Concrete and terrazzo finishers (6463) |
| 589 | Glaziers (6464) |
| 593 | Insulation workers (6465) |
| 594 | Paving, surfacing, and tamping equipment operators (6466) |
| 595 | Roofers (6468) |
| 596 | Sheetmetal duct installers (6472) |

| | |
|-----|--|
| 597 | Structural metal workers (6473) |
| 598 | Drillers, earth (6474) |
| 599 | Construction trades, n.e.c. (6467, 6475, 6476, 6479) |

Extractive Occupations

| | |
|-----|---|
| 613 | Supervisors, extractive occupations (632) |
| 614 | Drillers, oil well (652) |
| 615 | Explosives workers (653) |
| 616 | Mining machine operators (654) |
| 617 | Mining occupations, n.e.c. (656) |

Precision Production Occupations

| | |
|-----|--|
| 628 | Supervisors, production occupations (67, 71) |
| | Precision Metal Working Occupations |
| 634 | Tool and die makers (pt 6811) |
| 635 | Tool and die maker apprentices (pt 6811) |
| 636 | Precision assemblers, metal (6812) |
| 637 | Machinists (pt 6813) |
| 639 | Machinist apprentices (pt 6813) |
| 643 | Boilermakers (6814) |
| 644 | Precision grinders, filers, and tool sharpeners (6816) |
| 645 | Patternmakers and model makers, metal (6817) |
| 646 | Lay-out workers (6821) |
| 647 | Precious stones and metals workers (Jewelers) (6822, 6866) |
| 649 | Engravers, metal (6823) |
| 653 | Sheet metal workers (pt 6824) |
| 654 | Sheet metal worker apprentices (pt 6824) |
| 655 | Miscellaneous precision metal workers (6829) |
| | Precision Woodworking Occupations |
| 656 | Patternmakers and model makers, wood (6831) |
| 657 | Cabinet makers and bench carpenters (6832) |
| 658 | Furniture and wood finishers (6835) |
| 659 | Miscellaneous precision woodworkers (6839) |
| | Precision Textile, Apparel, and Furnishings Machine Workers |
| 666 | Dressmakers (pt 6852, pt 7752) |
| 667 | Tailors (pt 6852) |
| 668 | Upholsterers (6853) |
| 669 | Shoe repairers (6854) |
| 674 | Miscellaneous precision apparel and fabric workers (6856, 6859, pt 7752) |
| | Precision Workers, Assorted Materials |
| 675 | Hand molders and shapers, except jewelers (6861) |
| 676 | Patternmakers, lay-out workers, and cutters (6862) |
| 677 | Optical goods workers (6864, pt 7477, pt 7677) |
| 678 | Dental laboratory and medical appliance technicians (6865) |
| 679 | Bookbinders (6844) |
| 683 | Electrical and electronic equipment assemblers (6867) |
| 684 | Miscellaneous precision workers, n.e.c. (6869) |

Precision Food Production Occupations

- 686 Butchers and meat cutters (6871)
- 687 Bakers (6872)
- 688 Food batchmakers (6873, 6879)

Precision Inspectors, Testers, and Related Workers

- 689 Inspectors, testers, and graders (6881, 828)
- 693 Adjusters and calibrators (6882)
- Plant and System Operators
- 694 Water and sewage treatment plant operators (691)
- 695 Power plant operators (pt 693)
- 696 Stationary engineers (pt 693, 7668)
- 699 Miscellaneous plant and system operators (692, 694, 695, 696)

OPERATORS, FABRICATORS, AND LABORERS**Machine Operators, Assemblers, and Inspectors****Machine Operators and Tenders, except Precision Metal Working and Plastic Working Machine Operators**

- 703 Lathe and turning machine set-up operators (7312)
- 704 Lathe and turning machine operators (7512)
- 705 Milling and planing machine operators (7313, 7513)
- 706 Punching and stamping press machine operators (7314, 7317, 7514, 7517)
- 707 Rolling machine operators (7316, 7516)
- 708 Drilling and boring machine operators (7318, 7518)
- 709 Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
- 713 Forging machine operators (7319, 7519)
- 714 Numerical control machine operators (7326)
- 715 Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
- 717 Fabricating machine operators, n.e.c. (7339, 7539)
- Metal and Plastic Processing Machine Operators**
- 719 Molding and canting machine operators (7315, 7342, 7515, 7542)
- 723 Metal plating machine operators (7343, 7543)
- 724 Heat treating equipment operators (7344, 7544)
- 725 Miscellaneous metal and plastic processing machine operators (7349, 7549)
- Woodworking Machine Operators**
- 726 Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
- 727 Sawing machine operators (7433, 7633)
- 728 Shaping and joining machine operators (7435, 7635)
- 729 Nailing and tacking machine operators (7636)
- 733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)
- Printing Machine Operators**
- 734 Printing press operators (7443, 7643)
- 735 Photoengravers and lithographers (6842, 7444, 7644)
- 736 Typesetters and compositors (6841, 7642)
- 737 Miscellaneous printing machine operators (6849, 7449, 7649)

Textile, Apparel, and Furnishings Machine Operators

| | |
|-----|---|
| 738 | Winding and twisting machine operators (7451, 7651) |
| 739 | Knitting, looping, taping, and weaving machine operators (7452, 7652) |
| 743 | Textile cutting machine operators (7654) |
| 744 | Textile serving machine operators (7655) |
| 745 | Shoe machine operators (7656) |
| 747 | Pressing machine operators (7657) |
| 748 | Laundering and dry cleaning machine operators (6855, 7658) |
| 749 | Miscellaneous textile machine operators (7459, 7659) |

Machine Operators, Assorted Materials

| | |
|-----|--|
| 753 | Cementing and gluing machine operators (7661) |
| 754 | Packaging and filling machine operators (7462, 7662) |
| 755 | Extruding and forming machine operators (7463, 7663) |
| 756 | Mixing and blending machine operators (7664) |
| 757 | Separating, filtering, and clarifying machine operators (7476, 7666, 7676) |
| 758 | Compressing and compacting machine operators (7467, 7667) |
| 759 | Painting and paint spraying machine operators (7669) |
| 763 | Roasting and baking machine operators, food (7472, 7672) |
| 764 | Washing, cleaning, and pickling machine operators (7673) |
| 765 | Folding machine operators (7474, 7674) |
| 766 | Furnace, kiln, and oven operators, exc. food (7675) |
| 768 | Crushing and grinding machine operators (pt 7477, pt 7677) |
| 769 | Slicing and cutting machine operators (7478, 7678) |
| 773 | Motion picture projectionists (pt 7479) |
| 774 | Photographic process machine operators (6863, 6868, 7671) |
| 777 | Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679) |
| 779 | Machine operators, not specified |

Fabricators, Assemblers, and Hand Working Occupations

| | |
|-----|---|
| 783 | Welders and cutters (7332, 7532, 7714) |
| 784 | Solderers and brazers (7333, 7533, 7717) |
| 785 | Assemblers (772, 774) |
| 786 | Hand cutting and trimming occupations (7753) |
| 787 | Hand molding, casting, and forming occupations (7754, 7755) |
| 789 | Hand painting, coating, and decorating occupations (7756) |
| 793 | Hand engraving and printing occupations (7757) |
| 795 | Miscellaneous hand working occupations (7758, 7759) |

Production Inspectors, Testers, Samplers, and Weighers

| | |
|-----|---|
| 796 | Production inspectors, checkers, and examiners (782, 787) |
| 797 | Production testers (783) |
| 798 | Production samplers and weighers (784) |
| 799 | Graders and sorters, exc. agricultural (785) |

Transportation and Material Moving Occupations

Motor Vehicle Operators

- 803 Supervisors, motor vehicle operators (8111)
- 804 Truck drivers (8212-8214)
- 806 Driver-sales workers (8218)
- 808 Bus drivers (8215)
- 809 Taxicab drivers and chauffeurs (8216)
- 813 Parking lot attendants (874)
- 814 Motor transportation occupations, n.e.c. (8219)

Transportation Occupations, Except Motor Vehicles

Rail Transportation Occupations

- 823 Railroad conductors and yardmasters (8113)
- 824 Locomotive operating occupations (8232)
- 825 Railroad brake, signal, and switch operators (8233)
- 826 Rail vehicle operators, n.e.c. (8239)

Water Transportation Occupations

- 828 Ship captains and mates, except fishing boats (pt 8241, 8242)
- 829 Sailors and deckhands (8243)
- 833 Marine engineers (8244)
- 834 Bridge, lock, and lighthouse tenders (8245)

Material Moving Equipment Operators

- 843 Supervisors, material moving equipment operators (812)
- 844 Operating engineers (8312)
- 845 Longshore equipment operators (8313)
- 848 Hoist and winch operators (8314)
- 849 Crane and tower operators (8315)
- 853 Excavating and loading machine operators (8316)
- 855 Grader, dozer, and scraper operators (8317)
- 856 Industrial truck and tractor equipment operators (8318)
- 859 Miscellaneous material moving equipment operators (8319)

Handlers, Equipment Cleaners, Helpers, and Laborers

- 864 Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
- 865 Helpers, mechanics and repairers (863)

Helpers, Construction and Extractive Occupations

- 866 Helpers, construction trades (8641-8645, 8648)
- 867 Helpers, surveyor (8646)
- 868 Helpers, extractive occupations (865)
- 869 Construction laborers (871)
- 874 Production helpers (861, 862)

Freight, Stock, and Material Handlers

- 875 Garbage collectors (8722)
- 876 Stevedores (8723)
- 877 Stock handlers and baggers (8724)
- 878 Machine feeders and offbearers (8725)
- 883 Freight, stock, and material handlers, n.e.c. (8726)
- 885 Garage and service station related occupations (873)

887 Vehicle washers and equipment cleaners (875)
888 Hand packers and packagers (8761)
889 Laborers, except construction (8769)

MILITARY OCCUPATIONS

905 Military Occupation

**U.S. DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233**

**1990 CENSUS OF POPULATION
INDUSTRIAL CLASSIFICATION SYSTEM**

(Numbers in parenthesis are the 1987 SIC codes)

1990
CENSUS
CODE

AGRICULTURE, FORESTRY, AND FISHERIES

| | |
|-----|--|
| 010 | Agricultural production, crops (01) |
| 011 | Agricultural production livestock (02) |
| 012 | Veterinary services (074) |
| 020 | Landscape and horticultural services (078) |
| 030 | Agricultural services, n.e.c. (071, 072, 075, 076) |
| 031 | Forestry (08) |
| 032 | Fishing, hunting, and trapping (09) |

MINING

| | |
|-----|--|
| 040 | Metal mining (10) |
| 041 | Coal mining (12) |
| 042 | Oil and gas extraction (13) |
| 050 | Nonmetallic mining and quarrying, except fuel (14) |

| | |
|-----|----------------------------------|
| 060 | CONSTRUCTION (15, 16, 17) |
|-----|----------------------------------|

MANUFACTURING

Nondurable Goods

| | |
|-----|---|
| | Food and kindred products |
| 100 | Meat products (201) |
| 101 | Dairy products (202) |
| 102 | Canned, frozen, and preserved fruits and vegetables (203) |
| 110 | Grain mill products (204) |
| 111 | Bakery products (205) |
| 112 | Sugar and confectionery products (206) |
| 120 | Beverage industries (208) |
| 121 | Miscellaneous food preparations and kindred products (207, 209) |
| 122 | Not specified food industries |
| 130 | Tobacco manufactures (21) |

| | |
|-----|---|
| | Textile mill products |
| 132 | Knitting mills (225) |
| 140 | Dyeing and finishing textiles, except wool and knit goods (226) |
| 141 | Carpets and rugs (227) |
| 142 | Yarn, thread, and fabric mills (221-224, 228) |
| 150 | Miscellaneous textile mill products (229) |
| | Apparel and other finished textile products |
| 151 | Apparel and accessories, except knit (231-238) |
| 152 | Miscellaneous fabricated textile products (239) |
| | Paper and allied products |
| 160 | Pulp, paper, and paperboard mills (261-263) |
| 161 | Miscellaneous paper and pulp products (267) |
| 162 | Paperboard containers and boxes (265) |
| | Printing, publishing, and allied industries |
| 171 | Newspaper publishing and printing (271) |
| 172 | Printing, publishing and allied industries, except newspapers (272-279) |
| | Chemicals and allied products |
| 180 | Plastics, synthetics, and resins (282) |
| 181 | Drugs (283) |
| 182 | Soaps and cosmetics (284) |
| 190 | Paints, varnishes, and related products (285) |
| 191 | Agricultural chemicals (287) |
| 192 | Industrial and miscellaneous chemicals (281, 286, 289) |
| | Petroleum and coal products |
| 200 | Petroleum refining (291) |
| 201 | Miscellaneous petroleum and coal products (295, 299) |
| | Rubber and miscellaneous plastics products |
| 210 | Tires and inner tubes (301) |
| 211 | Other rubber products, and plastics footwear and belting (302-306) |
| 212 | Miscellaneous plastics products (308) |
| | Leather and leather products |
| 220 | Leather tanning and finishing (311) |
| 221 | Footwear, except rubber and plastic (313, 314) |
| 222 | Leather products, except footwear (315-317, 319) |
| | Durable Goods |
| | Lumber and wood products, except furniture |
| 230 | Logging (241) |
| 231 | Sawmills, planing mills, and millwork (242, 243) |
| 232 | Wood buildings and mobile homes (245) |
| 241 | Miscellaneous wood products (244, 249) |
| 242 | Furniture and fixtures (25) |
| | Stone, clay, glass, and concrete products |
| 250 | Glass and glass products (321-323) |
| 251 | Cement, concrete, gypsum, and planter products (324, 327) |
| 252 | Structural clay products (325) |

- 261 Pottery and related products (326)
- 262 Miscellaneous nonmetallic mineral and stone products (328, 329)
- Metal industries
 - 270 Blast furnaces, steelworks, rolling and finishing mills (331)
 - 271 Iron and steel foundries (332)
 - 272 Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365)
 - 280 Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339)
 - 281 Cutlery, handtools, and general hardware (342)
 - 282 Fabricated structural metal products (344)
 - 290 Screw machine products (345)
 - 291 Metal forgings and Stampings (346)
 - 292 Ordnance (348)
 - 300 Miscellaneous fabricated metal products (341, 343, 347, 349)
 - 301 Not specified metal industries
- Machinery and computing equipment
 - 310 Engines and turbines (351)
 - 311 Farm machinery and equipment (352)
 - 312 Construction and material handling machines (353)
 - 320 Metalworking machinery (354)
 - 321 Office and accounting machines (3578, 3579)
 - 322 Computers and related equipment (3571-3577)
 - 331 Machine, except electrical, n.e.c. (355, 356, 358, 359)
 - 332 Not specified machinery
- Electrical machinery, equipment, and supplies
 - 340 Household appliances (363)
 - 341 Radio, TV, and communication equipment (365, 366)
 - 342 Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
 - 350 Not specified electrical machinery, equipment, and supplies
- Transportation equipment
 - 351 Motor vehicles and motor vehicle equipment (371)
 - 352 Aircraft and parts (372)
 - 360 Ship and boat building and repairing (373)
 - 361 Railroad locomotives and equipment (374)
 - 362 Guided missiles, space vehicles, and parts (376)
 - 370 Cycles and miscellaneous transportation equipment (375, 379)
- Professional and photographic equipment, and watches
 - 371 Scientific and controlling instruments (381, 382 exc. 3827)
 - 372 Medical, dental, and optical instruments and supplies (3827, 384, 385)
 - 380 Photographic equipment and supplies (386)
 - 381 Watches, clocks, and clockwork operated devices (387)
 - 390 Toys, amusement, and sporting goods (394)
 - 391 Miscellaneous manufacturing industries (39 exc. 394)
- 392 Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES**Transportation**

| | |
|-----|--|
| 400 | Railroads (40) |
| 401 | Bus service and urban transit (41, except 412) |
| 402 | Taxicab service (412) |
| 410 | Trucking service (421, 423) |
| 411 | Warehousing and storage (422) |
| 412 | U.S. Postal Service (43) |
| 420 | Water transportation (44) |
| 421 | Air transportation (45) |
| 422 | Pipelines, except natural gas (46) |
| 432 | Services incidental to transportation (47) |

Communications

| | |
|-----|--|
| 440 | Radio and television broadcasting and cable (483, 484) |
| 441 | Telephone communications (481) |
| 442 | Telegraph and miscellaneous communications services (482, 489) |

Utilities and sanitary services

| | |
|-----|--|
| 450 | Electric light and power (491) |
| 451 | Gas and steam supply systems (492, 496) |
| 452 | Electric and gas, and other combinations (493) |
| 470 | Water supply and irrigation (494, 497) |
| 471 | Sanitary services (495) |
| 472 | Not specified utilities |

WHOLESALE TRADE**Durable Goods**

| | |
|-----|--|
| 500 | Motor vehicles and equipment (501) |
| 501 | Furniture and home furnishings (502) |
| 502 | Lumber and construction materials (503) |
| 510 | Professional and commercial equipment and supplies (504) |
| 511 | Metals and minerals, except petroleum (505) |
| 512 | Electrical goods (506) |
| 521 | Hardware, plumbing and heating supplies (507) |
| 530 | Machinery, equipment, and supplies (508) |
| 531 | Scrap and waste materials (5093) |
| 532 | Miscellaneous wholesale, durable goods (509 exc. 5093) |

Nondurable Goods

| | |
|-----|---|
| 540 | Paper and paper products (511) |
| 541 | Drugs, chemicals and allied products (512, 516) |
| 542 | Apparel, fabrics, and notions (513) |
| 550 | Groceries and related products (514) |
| 551 | Farm-product raw materials (515) |
| 552 | Petroleum products (517) |
| 560 | Alcoholic beverages (518) |

| | |
|-----|---|
| 561 | Farm supplies (5191) |
| 562 | Miscellaneous wholesale, nondurable goods (5192-5199) |
| 571 | Not specified wholesale trade |

RETAIL TRADE

| | |
|-----|---|
| 580 | Lumber and building material retailing (521, 523) |
| 581 | Hardware stores (525) |
| 582 | Retail nurseries and garden stores (526) |
| 590 | Mobile home dealers (527) |
| 591 | Department stores (531) |
| 592 | Variety stores (533) |
| 600 | Miscellaneous general merchandise stores (539) |
| 601 | Grocery stores (541) |
| 602 | Dairy products stores (545) |
| 610 | Retail bakeries (546) |
| 611 | Food stores, n.e.c. (542, 543, 544, 549) |
| 612 | Motor vehicle dealers (551, 552) |
| 620 | Auto and home supply stores (553) |
| 621 | Gasoline service stations (554) |
| 622 | Miscellaneous vehicle dealers (555, 556, 557, 559) |
| 623 | Apparel and accessory stores, except shoe (56, except 566) |
| 630 | Shoe stores (566) |
| 631 | Furniture and home furnishings stores (571) |
| 632 | Household appliance stores (572) |
| 633 | Radio, TV, and computer stores (5731, 5734) |
| 640 | Music stores (5735, 5736) |
| 641 | Eating and drinking places (58) |
| 642 | Drug stores (591) |
| 650 | Liquor stores (592) |
| 651 | Sporting goods, bicycles, and hobby stores (5941, 5945, 5946) |
| 652 | Book and stationary stores (5942, 5943) |
| 660 | Jewelry stores (5944) |
| 661 | Gift, novelty, and souvenir shops (5947) |
| 662 | Sewing, needlework and piece goods stores (5949) |
| 663 | Catalog and mail order houses (5961) |
| 670 | Vending machine operators (5962) |
| 671 | Direct selling establishments (5963) |
| 672 | Fuel dealers (598) |
| 681 | Retail florists (5992) |
| 682 | Miscellaneous retail stores (593, 5948, 5993-5995, 5999) |
| 691 | Not specified retail trade |

FINANCE, INSURANCE, AND REAL ESTATE

| | |
|-----|--|
| 700 | Banking (60 exc. 603 and 606) |
| 701 | Savings institutions, including credit unions (603, 606) |
| 702 | Credit agencies, n.e.c. (61) |
| 710 | Security, commodity brokerage, and investment companies (62, 67) |
| 711 | Insurance (63, 64) |
| 712 | Real estate, including real estate-insurance offices (65) |

BUSINESS AND REPAIR SERVICES

| | |
|-----|--|
| 721 | Advertising (731) |
| 722 | Services to dwellings and other buildings (734) |
| 731 | Personnel supply services (736) |
| 732 | Computer and data processing services (737) |
| 740 | Detective and protective services (7381, 7382) |
| 741 | Business services, n.e.c. (732, 733, 735, 7383-7389) |
| 742 | Automotive rental and leasing, without drivers (751) |
| 750 | Automobile parking and carwashes (732, 7542) |
| 751 | Automotive repair and related services (753, 7549) |
| 752 | Electrical repair shops (762, 7694) |
| 760 | Miscellaneous repair services (763, 764, 7692, 7699) |

PERSONAL SERVICES

| | |
|-----|--|
| 761 | Private households (88) |
| 762 | Hotels and motels (701) |
| 770 | Lodging places, except hotels and motels (702, 703, 704) |
| 771 | Laundry, cleaning, and garment services (721 exc. part 7219) |
| 772 | Beauty shops (723) |
| 780 | Barber shops (724) |
| 781 | Funeral service and crematories (726) |
| 782 | Shoe repair shops (725) |
| 790 | Dressmaking shops (part 7219) |
| 791 | Miscellaneous personal services (722, 729) |

ENTERTAINMENT AND RECREATION SERVICES

| | |
|-----|---|
| 800 | Theaters and motion pictures (781-783, 792) |
| 801 | Video tape rental (784) |
| 802 | Bowling centers (793) |
| 810 | Miscellaneous entertainment and recreation services (791, 794, 799) |

PROFESSIONAL AND RELATED SERVICES

| | |
|-----|--|
| 812 | Offices and clinics of physicians (801, 803) |
| 820 | Offices and clinics of dentists (802) |
| 821 | Offices and clinics of chiropractors (8041) |
| 822 | Offices and clinics of optometrists (8042) |
| 830 | Offices and clinics of health practitioners, n.e.c. (8043, 8049) |
| 831 | Hospitals (806) |
| 832 | Nursing and personal care facilities (805) |
| 840 | Health services, n.e.c. (807, 808, 809) |
| | |
| 841 | Legal services (81) |
| 842 | Elementary and secondary schools (821) |
| 850 | Colleges and universities (822) |
| 851 | Vocational schools (824) |
| 852 | Libraries (823) |
| 860 | Educational services, n.e.c. (829) |
| 861 | Job training and vocational rehabilitation services (833) |
| 862 | Child day care services (part 835) |
| 863 | Family child care homes (part 835) |
| 870 | Residential care facilities, without nursing (836) |
| 871 | Social services, n.e.c. (832, 839) |
| 872 | Museums, art galleries and zoos (84) |
| 873 | Labor unions (863) |
| 880 | Religious organizations (866) |
| 881 | Membership organizations, n.e.c. (861, 862, 864, 865, 869) |
| | |
| 882 | Engineering architectural and surveying services (871) |
| 890 | Accounting, auditing, and bookkeeping services (872) |
| 891 | Research, development, and testing services (873) |
| 892 | Management and public relations services (874) |
| 893 | Miscellaneous professional and related services (899) |

PUBLIC ADMINISTRATION

| | |
|-----|---|
| 900 | Executive and legislative offices (911-913) |
| 901 | General government, n.e.c. (919) |
| 910 | Justice, public order, and safety (92) |
| 921 | Public finance, taxation, and monetary policy (93) |
| 922 | Administration of human resources programs (94) |
| 930 | Administration of environmental quality and housing programs (95) |
| 931 | Administration of economic programs (96) |
| 932 | National security and international affairs (97) |
| 991 | Military |

CHANGES BETWEEN 1980 AND 1990 INDUSTRY CLASSIFICATION SYSTEMS

| CODE | TITLE CHANGED | 1990 TITLE |
|-----------|---------------|----------------------|
| 1980 1990 | '80 TO '90 | (Except where noted) |

| | | | |
|-----|-----|---------|---|
| -- | 012 | New | Veterinary services |
| 021 | 020 | X | Landscape and horticultural services |
| 020 | 030 | X | Agricultural services, n.e.c. |
| 030 | 031 | S | Forestry |
| 031 | 032 | S | Fishing, hunting, and trapping |
| S | 042 | X | Oil and gas extraction |
| S | 102 | X | Canned, frozen, and preserved fruits and vegetables |
| S | 141 | X | Carpets and rugs |
| S | 281 | X | Cutlery, handtools, and general hardware |
| S | 322 | X | Computers and related equipment |
| S | 372 | X | Medical, dental, and optical instruments and supplies |
| 382 | -- | Deleted | (Old) Not specified professional equipment |
| S | 440 | X | Radio and television broadcasting and cable |
| S | 441 | X | Telephone communications |
| 460 | 450 | S | Electric light and power |
| 461 | 451 | S | Gas and steam supply systems |
| 462 | 452 | S | Electric and gas, and other combinations |
| S | 510 | X | Professional and commercial equipment and supplies |
| 522 | -- | Deleted | (Old) Not specified electrical and hardware products |
| 630 | 623 | S | Apparel and accessory stores, except shoe |
| 631 | 630 | S | Shoe stores |
| 632 | 631 | S | Furniture and home furnishings stores |
| -- | 632 | New | Household appliance stores |
| 640 | 633 | X | Radio, TV, and computer stores |
| -- | 640 | New | Music stores |
| -- | 661 | New | Gift, novelty, and souvenir shops |
| 661 | 662 | S | Sewing, needlework, and piece goods stores |
| 662 | 663 | X | Catalog and mail order houses |
| S | 672 | X | Fuel dealers |
| S | 701 | X | Savings institutions, including credit unions |
| S | 712 | X | Real estate, including real estate-insurance offices |
| 730 | 891 | XX | Combined with category 891 |
| 740 | 732 | S | Computer and data processing services |
| 741 | 740 | S | Detective and protective services |
| 742 | 741 | S | Business services, n.e.c. |
| -- | 742 | New | Automotive rental and leasing, without drivers |
| S | 750 | X | Automobile parking and carwashes |
| S | 751 | X | Automotive repair and related services |
| -- | 801 | New | Video tape rental |
| 801 | 802 | X | Bowling centers |
| 802 | 810 | S | Miscellaneous entertainment and recreation services |
| S | 812 | X | Offices and clinics of physicians |
| S | 820 | X | Offices and clinics of dentists |
| S | 821 | X | Offices and clinics of chiropractors |
| S | 822 | X | Offices and clinics of optometrists |
| S | 830 | X | Offices and clinics of health practitioners, n.e.c. |
| S | 851 | X | Vocational schools |
| -- | 863 | New | Family child care homes |
| -- | 873 | New | Labor unions |

| | | | |
|-----|-----|---|---|
| S | 881 | X | Membership organizations, n.e.c. |
| S | 891 | X | Research, development, and testing services |
| 732 | 892 | X | Management and public relations services |
| 892 | 893 | S | Miscellaneous professional and related services |

Deleted - Category not in 1990 system.
New - New category for 1990.
S - 1980 code same as 1990 or 1980 title same as 1990.
X - Title changed for this industry.
XX - Category consolidated with another industry in 1990.
-- - No code.

**CHANGES BETWEEN 1980 AND 1990
OCCUPATIONAL CLASSIFICATION SYSTEM**

| CODE | | TITLE CHANGE | 1990 TITLE |
|------|------|--------------|---|
| 1980 | 1990 | '80 TO '90 | (Except Where Noted) |
| 017 | 016 | S | Postmasters and mail superintendents |
| * | 017 | New | Managers, food serving and lodging establishments |
| 016 | 018 | S | Managers, properties and real estate |
| 018 | 019 | S | Funeral directors |
| * | 021 | New | Managers, service organizations, n.e.c. |
| 019 | 022 | S | Managers and administrators, n.e.c. |
| S | 098 | X | Respiratory therapists |
| 349 | 353 | XX | (Old) Telegraphers |
| S | 353 | S | Communications equipment operators, n.e.c. |
| S | 368 | X | Weighers, measurers, checkers and samplers |
| 369 | 368 | XX | (Old) Samplers |
| S | 436 | X | Cooks |
| 437 | 436 | XX | (Old) Short order cooks |
| 463 | 461 | S | Guides |
| 464 | 462 | S | Ushers |
| 465 | 463 | S | Public transportation attendants |
| 466 | 464 | S | Baggage porters and bellhops |
| 467 | 465 | S | Welfare service aides |
| ** | 466 | New | Family child care providers |
| ** | 467 | New | Early childhood teacher's assistants |
| S | 468 | X | Child care workers, n.e.c. |
| 633 | 628 | S | Supervisors, production occupations |
| 673 | 674 | XX | (Old) Apparel and fabric patternmakers |
| S | 674 | S | Miscellaneous precision apparel and fabric workers |
| S | 734 | X | Printing press operators |
| 794 | 795 | XX | (Old) Hand grinding and polishing occupations |
| S | 795 | S | Miscellaneous hand working occupations |
| S | 804 | X | Truck drivers |
| 805 | 804 | XX | (Old) Truck drivers, light |
| 863 | 864 | S | Supervisors, handlers, equipment cleaners, and laborers |
| 864 | 865 | S | Helpers, mechanics and repairers |
| 865 | 866 | S | Helpers, construction trades |
| 866 | 867 | S | Helpers, surveyor |
| 867 | 868 | S | Helpers, extractive occupations |
| 873 | 874 | S | Production helpers |

| | | |
|-----|---|---|
| -- | - | No code |
| New | - | New category for 1990 |
| S | - | 1990 code same as 1980 or 1990 title same as 1980 |
| XX | - | Category consolidated with another |
| x | - | Title change for this occupation |
| * | - | Part of 019 in 1980 |
| ** | - | Part of 468 in 1980 |