APPENDIX C  OCCUPATION CODES (1960)

1960 CENSUS OF POPULATION
OCCUPATIONAL CLASSIFICATION

(THE 3-DIGIT NUMBER IN THE LEFT MARGIN IS THE CODE SYMBOL FOR
THE OCCUPATION CATEGORY; 'N.E.C.' MEANS NOT ELSEWHERE CLASSIFIED.)

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS

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<td>PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS (N.E.C.)</td>
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FARMERS AND FARM MANAGERS

200 FARMERS (OWNERS AND TENANTS)
222 FARM MANAGERS

MANAGERS, OFFICIALS, AND PROPRIETORS, EXCEPT FARM

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251 BUYERS AND SHIPPERS, FARM PRODUCTS
252 CONDUCTORS, RAILROAD
253 CREDIT MEN
254 FLOOR MEN AND FLOOR MANAGERS, STORE
260 INSPECTORS, PUBLIC ADMINISTRATION
262 MANAGERS AND SUPERINTENDENTS, BUILDING
265 OFFICERS, PILOTS, PURSERS, AND ENGINEERS, SHIP
270 OFFICIALS AND ADMINISTRATORS (N.E.C.), PUBLIC ADMINISTRATION
275 OFFICIALS, LODGE, SOCIETY, UNION, ETC.
280 POSTMasters
285 PURCHASING AGENTS AND BUYERS (N.E.C.)
290 MANAGERS, OFFICIALS, AND PROPRIETORS (N.E.C.)

CLERICAL AND KINDRED WORKERS

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302 ATTENDANTS AND ASSISTANTS, LIBRARY
303 ATTENDANTS, PHYSICIAN'S AND DENTIST'S OFFICE
304 BAGGAGEMEN, TRANSPORTATION
305 BANK TELLERS
310 BOOKKEEPERS
312 CASHIERS
313 COLLECTORS, BILL AND ACCOUNT
314 DISPATCHERS AND STARTERS, VEHICLE
315 EXPRESS MESSENGERS AND RAILWAY MAIL CLERKS
320 FILE CLERKS
321 INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS
323 MAIL CARRIERS
324 MESSENGERS AND OFFICE BOYS
325 OFFICE MACHINE OPERATORS
333 PAYROLL AND TIMEKEEPING CLERKS
340 POSTAL CLERKS
341 RECEPTIONISTS
342 SECRETARIES
343 SHIPPING AND RECEIVING CLERKS
345 STENOGRAphERS
350 STOCK CLERKS AND STOREKEEPERS
351 TELEGRAPH MESSENGERS
352 TELEGRAPH OPERATORS
353 TELEPHONE OPERATORS
354 TICKET, STATION, AND EXPRESS AGENTS
360 TYPISTS
370 CLERICAL AND KINDRED WORKERS (N.E.C.)
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652 DYERS
653 FILEMEN, GRINDERS, AND POLISHERS, METAL
654 FRUIT, NUT, AND VEGETABLE GRADERS AND PACKERS, EXCEPT FACTORY
670 FURNACEMEN, SMELTERMEN, AND POLERS
671 GRADERS AND SORTERS, MANUFACTURING
672 HEATERS, METAL
673 KNITTERS, LOOPERS, AND TOPPERS, TEXTILE
674 LAUNDRY AND DRY CLEANING OPERATIVES
675 MEAT CUTTERS, EXCEPT SLAUGHTER AND PACKING HOUSE
680 MILLINERS
685 MINE OPERATIVES AND LABORERS (N.E.C.)
690 MOTORMAEN, MINE, FACTORY, LOGGING CAMP, ETC.
691 MOTORMAEN, STREET, SUBWAY, AND ELEVATED RAILWAY
692 OILERS AND GREASERS, EXCEPT AUTO
693 PACKERS AND WRAPPERS (N.E.C.)
694 PAINTERS, EXCEPT CONSTRUCTION AND MAINTENANCE
695 PHOTOGRAPHIC PROCESS WORKERS
701 POWER STATION OPERATORS
703 SAILORS AND DECK HANDS
704 SAWMEN
705 SEWERS AND STITCHERS, MANUFACTURING
710 SPINNERS, TEXTILE
712 STATIONARY FIREMEN
713 SWITCHMEN, RAILROAD
714 TAXICAB DRIVERS AND CHAUFFEURS
715 TRUCK AND TRACTOR DRIVERS
720 WEAVERS, TEXTILE
721 WELDERS AND FLAME-CUTTERS
775 OPERATIVES AND KINDRED WORKERS (N.E.C.)

PRIVATE HOUSEHOLD WORKERS

801 BABY SITTERS, PRIVATE HOUSEHOLD
802 HOUSEKEEPERS, PRIVATE HOUSEHOLD
803 LAUNDRESSES, PRIVATE HOUSEHOLD
804 PRIVATE HOUSEHOLD WORKERS (N.E.C.)

SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD

810 ATTENDANTS, HOSPITAL AND OTHER INSTITUTIONS
812 ATTENDANTS, PROFESSIONAL AND PERSONAL SERVICE (N.E.C.)
813 ATTENDANTS, RECREATION AND AMUSEMENT
814 BARBERS
815 BARTENDERS
820 BOSTROLLS
821 BOARDING AND LODGING HOUSE KEEPERS
823 CHAMBERMAIDS AND MAIDS, EXCEPT PRIVATE HOUSEHOLD
824 CHAUFFEURS AND CLEANERS
825 COOKS, EXCEPT PRIVATE HOUSEHOLD
830 COUNTER AND FOUNTAIN WORKERS
831 ELEVATOR OPERATORS
832 HOUSEKEEPERS AND STEWARDS, EXCEPT PRIVATE HOUSEHOLD
<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
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<tbody>
<tr>
<td>884</td>
<td>JANITORS AND SEXTONS</td>
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<tr>
<td>835</td>
<td>KITCHEN WORKERS (N.E.C.), EXCEPT PRIVATE HOUSEHOLD</td>
</tr>
<tr>
<td>840</td>
<td>MIDWIVES</td>
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<tr>
<td>841</td>
<td>PORTERS</td>
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<tr>
<td>842</td>
<td>PRACTICAL NURSES</td>
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<tr>
<td>843</td>
<td>HAIRDRESSERS AND COSMETOLOGISTS</td>
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<td></td>
<td>PROTECTIVE SERVICE WORKERS</td>
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<tr>
<td>850</td>
<td>FIREMEN, FIRE PROTECTION</td>
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<tr>
<td>851</td>
<td>GUARDS, WATCHMEN, AND DOORKEEPERS</td>
</tr>
<tr>
<td>852</td>
<td>MARSHALS AND CONSTABLES</td>
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<tr>
<td>853</td>
<td>POLICEMEN AND DETECTIVES</td>
</tr>
<tr>
<td>854</td>
<td>SHERIFFS AND BAILIFFS</td>
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<tr>
<td>860</td>
<td>WATCHMEN (CROSSING) AND BRIDGE TENDERS</td>
</tr>
<tr>
<td>874</td>
<td>USHERS, RECREATION AND AMUSEMENT</td>
</tr>
<tr>
<td>875</td>
<td>WAITERS AND WAITRESSES</td>
</tr>
<tr>
<td>890</td>
<td>SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD (N.E.C.)</td>
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</tbody>
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<tr>
<th>Code</th>
<th>Occupation Description</th>
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<tbody>
<tr>
<td></td>
<td>FARM LABORERS AND FOREMEN</td>
</tr>
<tr>
<td>901</td>
<td>FARM FOREMEN</td>
</tr>
<tr>
<td>902</td>
<td>FARM LABORERS, WAGE WORKERS</td>
</tr>
<tr>
<td>903</td>
<td>FARM LABORERS, UNPAID FAMILY WORKERS</td>
</tr>
<tr>
<td>905</td>
<td>FARM SERVICE LABORERS, SELF-EMPLOYED</td>
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<tr>
<th>Code</th>
<th>Occupation Description</th>
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<tr>
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<td>LABORERS, EXCEPT FARM AND MINE</td>
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<tr>
<td>960</td>
<td>CARPENTERS' HELPERS, EXCEPT LOGGING AND MINING</td>
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<tr>
<td>952</td>
<td>FISHERMEN AND OYSTERMEN</td>
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<tr>
<td>953</td>
<td>GARAGE LABORERS, AND CAR WASHERS AND GREASERS</td>
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<tr>
<td>964</td>
<td>GARDENERS, EXCEPT FARM, AND GROUNDKEEPERS</td>
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<td>965</td>
<td>LONGSHOREMEN AND STEVORES</td>
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<tr>
<td>970</td>
<td>LUMBERMEN, RAFTSMEN, AND WOODCHIPPERS</td>
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<tr>
<td>971</td>
<td>TEAMSTERS</td>
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<td>972</td>
<td>TRUCK DRIVERS' HELPERS</td>
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<td>973</td>
<td>WAREHOUSEMEN (N.E.C.)</td>
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<td>985</td>
<td>LABORERS (N.E.C.)</td>
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<td>OCCUPATION NOT REPORTED</td>
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1960 CENSUS OF POPULATION

INDUSTRIAL CLASSIFICATION

(THE 3-DIGIT NUMBER IN THE LEFT MARGIN IS THE CODE SYMBOL FOR THE INDUSTRY CATEGORY)

AGRICULTURE, FORESTRY, AND FISHERIES

016 AGRICULTURE
017 FORESTRY
018 FISHERIES

MINING

126 METAL MINING
136 COAL MINING
146 CRUDE PETROLEUM AND NATURAL GAS EXTRACTION
156 NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL

CONSTRUCTION

MANUFACTURING

DURABLE GOODS

LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE:

206 LOGGING
207 SAWMILLS, PLANING MILLS, AND MILL WORK
208 MISCELLANEOUS WOOD PRODUCTS
209 FURNITURE AND FIXTURES

STONE, CLAY, AND GLASS PRODUCTS

216 GLASS AND GLASS PRODUCTS
217 CEMENT AND CONCRETE, GYPSUM, AND PLASTER PRODUCTS
218 STRUCTURAL CLAY PRODUCTS
219 POTTERY AND RELATED PRODUCTS
236 MISCELLANEOUS NONMETALLIC MINERAL AND STONE PRODUCTS

METAL INDUSTRIES

237 BLAST FURNACES, STEEL WORKS, ROLLING AND FINISHING MILLS
238 OTHER PRIMARY IRON AND STEEL INDUSTRIES
239 PRIMARY NONFERROUS INDUSTRIES
246 CUTLERY, HAND TOOLS, AND OTHER HARDWARE
247 FABRICATED STRUCTURAL METAL PRODUCTS
248 MISCELLANEOUS FABRICATED METAL PRODUCTS
249 NOT SPECIFIED METAL INDUSTRIES
<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>256</td>
<td>Farm Machinery and Equipment</td>
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<tr>
<td>257</td>
<td>Office, Computing and Accounting Machines</td>
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<tr>
<td>258</td>
<td>Miscellaneous Machinery</td>
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<tr>
<td>259</td>
<td>Electrical Machinery, Equipment, and Supplies</td>
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<tr>
<td>267</td>
<td>Transportation Equipment</td>
</tr>
<tr>
<td>268</td>
<td>Motor Vehicles and Motor Vehicle Equipment</td>
</tr>
<tr>
<td>269</td>
<td>Aircraft and Parts</td>
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<tr>
<td>276</td>
<td>Ship and Boat Building and Repairing</td>
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<tr>
<td>276</td>
<td>Railroad and Miscellaneous Transportation Equipment</td>
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<tr>
<td>286</td>
<td>Professional and Photographic Equipment, and Watches</td>
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<tr>
<td>287</td>
<td>Professional Equipment and Supplies</td>
</tr>
<tr>
<td>287</td>
<td>Photographic Equipment and Supplies</td>
</tr>
<tr>
<td>289</td>
<td>Watches, Clocks, and Clockwork-Operated Devices</td>
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<tr>
<td>296</td>
<td>Miscellaneous Manufacturing Industries</td>
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<tr>
<td>306</td>
<td>Nondurable Goods</td>
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<tr>
<td>306</td>
<td>Meat Products</td>
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<tr>
<td>307</td>
<td>Dairy Products</td>
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<tr>
<td>308</td>
<td>Canning and Preserving Fruits, Vegetables, and Sea Foods</td>
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<tr>
<td>309</td>
<td>Grain-Mill Products</td>
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<tr>
<td>316</td>
<td>Bakery Products</td>
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<td>317</td>
<td>Confectionery and Related Products</td>
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<tr>
<td>318</td>
<td>Beverage Industries</td>
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<tr>
<td>319</td>
<td>Miscellaneous Food Preparations and Kindred Products</td>
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<tr>
<td>326</td>
<td>Not Specified Food Industries</td>
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<tr>
<td>329</td>
<td>Tobacco Manufacturers</td>
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<td>345</td>
<td>Textile Mill Products</td>
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<tr>
<td>345</td>
<td>Knitting Mills</td>
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<tr>
<td>347</td>
<td>Dyeing and Finishing Textiles, Except Wool and Knit Goods</td>
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<td>348</td>
<td>Floor Covering, Except Hard Surface</td>
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<td>349</td>
<td>Yarn, Thread, and Fabric Mills</td>
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<td>350</td>
<td>Miscellaneous Textile Mill Products</td>
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<td>359</td>
<td>Apparel and Other Fabricated Textile Products</td>
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<tr>
<td>359</td>
<td>Apparel and Accessories</td>
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<tr>
<td>367</td>
<td>Miscellaneous Fabricated Textile Products</td>
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<td>367</td>
<td>Paper and Allied Products</td>
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</table>
PULP, PAPER, AND PAPERBOARD MILLS
PAPERBOARD CONTAINERS AND BOXES
MISCELLANEOUS PAPER AND PULP PRODUCTS
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES
NEWSPAPER PUBLISHING AND PRINTING
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES, EXC. NEWSPAPERS
CHEMICALS AND ALLIED PRODUCTS
SYNTHETIC FIBERS
DRUGS AND MEDICINES
PAINTS, VARNISHES, AND RELATED PRODUCTS
MISCELLANEOUS CHEMICALS AND ALLIED PRODUCTS
PETROLEUM AND COAL PRODUCTS
PETROLEUM REFINING
MISCELLANEOUS PETROLEUM AND COAL PRODUCTS
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS
RUBBER PRODUCTS
MISCELLANEOUS PLASTIC PRODUCTS
LEATHER AND LEATHER PRODUCTS
LEATHER: TANNED, CURRIED, AND FINISHED
FOOTWEAR, EXCEPT RUBBER
LEATHER PRODUCTS, EXCEPT FOOTWEAR
NOT SPECIFIED MANUFACTURING INDUSTRIES
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES
TRANSPORTATION
RAILROADS AND RAILWAY EXPRESS SERVICE
STREET RAILWAYS AND BUS LINES
TAXICAB SERVICE
TRUCKING SERVICE
WAREHOUSING AND STORAGE
WATER TRANSPORTATION
AIR TRANSPORTATION
PETROLEUM AND GASOLINE PIPE LINES
SERVICES INCIDENTAL TO TRANSPORTATION
COMMUNICATIONS
536 RADIO BROADCASTING AND TELEVISION
538 TELEPHONE (WIRE AND RADIO)
539 TELEGRAPH (WIRE AND RADIO)

UTILITIES AND SANITARY SERVICES
567 ELECTRIC LIGHT AND POWER
568 GAS AND STEAM SUPPLY SYSTEMS
569 ELECTRIC-GAS UTILITIES
576 WATER SUPPLY
578 SANITARY SERVICES
579 OTHER AND NOT SPECIFIED UTILITIES

WHOLESALE AND RETAIL TRADE

WHOLESALE TRADE
606 MOTOR VEHICLES AND EQUIPMENT
607 DRUGS, CHEMICALS, AND ALLIED PRODUCTS
608 DRY GOODS AND APPAREL
609 FOOD AND RELATED PRODUCTS
616 FARM PRODUCTS -- RAW MATERIALS
617 ELECTRICAL GOODS, HARDWARE, AND PLUMBING EQUIPMENT
618 MACHINERY, EQUIPMENT, AND SUPPLIES
619 PETROLEUM PRODUCTS
626 MISCELLANEOUS WHOLESALE TRADE
629 NOT SPECIFIED WHOLESALE TRADE

RETAIL TRADE
636 FOOD STORES, EXCEPT DAIRY PRODUCTS
637 DAIRY PRODUCTS STORES AND MILK RETAILING
638 GENERAL MERCHANDISE RETAILING
639 LIMITED PRICE VARIETY STORES
646 APPAREL AND ACCESSORIES STORES, EXCEPT SHOE STORES
647 SHOE STORES
648 FURNITURE AND HOUSEFURNISHINGS STORES
649 HOUSEHOLD APPLIANCES, TV, AND RADIO STORES
656 MOTOR VEHICLES AND ACCESSORIES RETAILING
657 GASOLINE SERVICE STATIONS
658 DRUG STORES
659 EATING AND DRINKING PLACES
666 HARDWARE AND FARM EQUIPMENT STORES
676 LUMBER AND BUILDING MATERIAL RETAILING
678 LIQUOR STORES
679 RETAIL FLORISTS
686 JEWELRY STORES
687 FUEL AND ICE DEALERS
689 MISCELLANEOUS RETAIL STORES
696 NOT SPECIFIED RETAIL TRADE
FINANCE, INSURANCE, AND REAL ESTATE

706  BANKING AND CREDIT AGENCIES
716  SECURITY AND COMMODITY BROKERAGE AND INVESTMENT COMPANIES
726  INSURANCE
736  REAL ESTATE (INC. REAL ESTATE-INSURANCE-LAW OFFICES)

BUSINESS AND REPAIR SERVICES

806  ADVERTISING
807  MISCELLANEOUS BUSINESS SERVICES
808  AUTOMOBILE REPAIR SERVICES AND GARAGES
809  MISCELLANEOUS REPAIR SERVICES

PERSONAL SERVICES

816  PRIVATE HOUSEHOLDS
826  HOTELS AND LODGING PLACES
828  LAUNDERING, CLEANING, AND DYEING SERVICES
829  DRESSMAKING SHOPS
836  SHOE REPAIR SHOPS
838  BARBER AND BEAUTY SHOPS
839  MISCELLANEOUS PERSONAL SERVICES

ENTERTAINMENT AND RECREATION SERVICES

846  THEATERS AND MOTION PICTURES
848  BOWLING ALLEYS, AND BILLIARD AND POOL PARLORS
849  MISCELLANEOUS ENTERTAINMENT AND RECREATION SERVICES

PROFESSIONAL AND RELATED SERVICES

867  MEDICAL AND OTHER HEALTH SERVICES, EXCEPT HOSPITALS
868  HOSPITALS
869  LEGAL SERVICES
876  EDUCATIONAL SERVICES
879  WELFARE AND RELIGIOUS SERVICES
888  NONPROFIT MEMBERSHIP ORGANIZATIONS
896  ENGINEERING AND ARCHITECTURAL SERVICES
897  ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES
898  MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES

PUBLIC ADMINISTRATION

906  POSTAL SERVICE
916  FEDERAL PUBLIC ADMINISTRATION
926  STATE PUBLIC ADMINISTRATION
936  LOCAL PUBLIC ADMINISTRATION
999  INDUSTRY NOT REPORTED
1980 CENSUS OF POPULATION
INDUSTRY CLASSIFICATIONS
(THE 3 DIGIT NUMBER IN THE LEFT MARGIN IS THE CODE SYMBOL FOR THE
OCCUPATION CATEGORY. THE NUMBER IN PARENTHESES TO THE RIGHT OF THE
DESCRIPTION IS THE SIC DEFINITION.)

AGRICULTURE, FORESTRY, AND FISHERIES

010 AGRICULTURAL PRODUCTION, CROPS (01)
011 AGRICULTURAL PRODUCTION, LIVESTOCK (02)
020 AGRICULTURAL SERVICES, EXCEPT HORTICULTURAL (07, EXCEPT 078)
021 HORTICULTURAL SERVICES (078)
030 FORESTRY (08)
031 FISHING HUNTING, AND TRAPPING (09)

MINING

040 METAL MINING (10)
041 COAL MINING (11, 12)
042 CRUDE PETROLEUM AND NATURAL GAS EXTRACTION (13)
050 NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL (14)

080 CONSTRUCTION (15, 16, 17)

MANUFACTURING

NONDURABLE GOODS

FOOD AND KINDRED PRODUCTS

100 MEAT PRODUCTS (201)
101 DAIRY PRODUCTS (202)
102 CANNED 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 FLOOR COVERINGS, EXCEPT HARD SURFACE (227)
142 YARN, THREAD, AND FABRIC MILLS (228, 221-224)
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 MILL (261-263, 266)
161 MISCELLANEOUS PAPER AND PULP PRODUCTS (264)
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 (302-304, 306)
212 MISCELLANEOUS PLASTICS PRODUCTS (307)

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, PLANNING 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 PLASTER 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, 334, 3353-55, 3361)
280 OTHER PRIMARY METAL INDUSTRIES (331-333, 3339, 334, 3351, 3356, 3357, 3362, 3369, 339)
281 CUTLERY, HAND TOOLS, AND OTHER HARDWARE (342)
282 FABRICATED STRUCTURAL METAL PRODUCTS (344)
290 SCREW MACHINE PRODUCTS (345)
291 METAL FORGINGS AND STAMPINGS (346)
292 ORDINANCE (348)
300 MISCELLANEOUS FABRICATED METAL PRODUCTS (341, 343, 349)
301 NOT SPECIFIED METAL INDUSTRIES

MACHINERY, EXCEPT ELECTRICAL

310 ENGINES AND TURBINES (351)
311 FARM MACHINERY AND EQUIPMENT (352)
312 CONSTRUCTION AND MATERIAL HANDLING MACHINES (353)
320 METAL WORKING MACHINERY (354)
321 OFFICE AND ACCOUNTING MACHINES (357, EXCEPT 3573)
322 ELECTRONIC COMPUTING EQUIPMENT (3573)
331 MACHINERY, EXCEPT ELECTRICAL, N.E.C. (355, 356, 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 YARD 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 (379)

PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES

371 SCIENTIFIC AND CONTROLLING INSTRUMENTS (381, 382)
372 OPTICAL AND HEALTH SERVICES SUPPLIES (383, 384, 385)
380 PHOTOGRAPHIC EQUIPMENT AND SUPPLIES (386)
381 WATCHES, CLOCKS, AND CLOCKWORK OPERATED DEVICES
382 NOT SPECIFIED PROFESSIONAL EQUIPMENT
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 PIPE LINES, EXCEPT NATURAL GAS (46)
432 SERVICES INCIDENTAL TO TRANSPORTATION (47)

COMMUNICATIONS

440 RADIO AND TELEVISION BROADCASTING (483)
441 TELEPHONE (WIRE AND RADIO) (481)
442 TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES (482, 489)
UTILITIES AND SANITARY SERVICES

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<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>460</td>
<td>ELECTRIC LIGHT AND POWER (491)</td>
</tr>
<tr>
<td>461</td>
<td>GAS AND STEAM SUPPLY SYSTEMS (492, 496)</td>
</tr>
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<td>462</td>
<td>ELECTRIC AND GAS, AND OTHER COMBINATION (493)</td>
</tr>
<tr>
<td>470</td>
<td>WATER SUPPLY AND IRRIGATION (494, 497)</td>
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<tr>
<td>471</td>
<td>SANITARY SERVICES (495)</td>
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<tr>
<td>472</td>
<td>NOT SPECIFIED UTILITIES</td>
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WHOLESALE TRADE

DURABLE GOODS

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<td>MOTOR VEHICLES AND EQUIPMENT (501)</td>
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<td>501</td>
<td>FURNITURE AND HOME FURNISHINGS (502)</td>
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<tr>
<td>502</td>
<td>LUMBER AND CONSTRUCTION MATERIALS (503)</td>
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<tr>
<td>510</td>
<td>SPORTING GOODS, TOYS, AND HOBBY GOODS (504)</td>
</tr>
<tr>
<td>511</td>
<td>METALS AND MINERALS, EXCEPT PETROLEUM (505)</td>
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<tr>
<td>512</td>
<td>ELECTRICAL GOODS (506)</td>
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<tr>
<td>521</td>
<td>HARDWARE, PLUMBING AND HEATING SUPPLIES (507)</td>
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<tr>
<td>522</td>
<td>NOT SPECIFIED ELECTRICAL AND HARDWARE PRODUCTS</td>
</tr>
<tr>
<td>530</td>
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620 AUTO AND HOME SUPPLY STORES (553)
621 GASOLINE SERVICE STATIONS (554)
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630 APPAREL AND ACCESSORY STORES, EXCEPT SHOE (56, EXCEPT 566)
631 SHOE STORES (566)
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652 BOOK AND STATIONERY STORES (5942,5943)
660 JEWELRY STORES (5944)
661 SEWING, NEEDLEWORK, AND PIECE GOODS STORES (5949)
662 MAIL ORDER HOUSES (5961)
670 VENDING MACHINE OPERATORS (5962)
671 DIRECT SELLING ESTABLISHMENTS (5963)
672 FUEL AND ICE DEALERS (598)
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702 CREDIT AGENCIES, N.E.C. (61,EXCEPT 612)
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711 INSURANCE (63,64)
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732 BUSINESS MANAGEMENT AND CONSULTING SERVICES (7392)
740 COMPUTER AND DATA PROCESSING SERVICES (737)
741 DETECTIVE AND PROTECTIVE SERVICES (7393)
742 BUSINESS SERVICES, N.E.C. (732,733,735,7394,7395,7396,7399)
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850 COLLEGES AND UNIVERSITIES (822)
851 BUSINESS, TRADE, AND 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 (835)
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881 MEMBERSHIP ORGANIZATIONS (861-865, 869)
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892 MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES (899)
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1980 CENSUS OF POPULATION
OCCUPATIONAL CLASSIFICATION
(The 3 digit number in the left margin is the code symbol for the
industry category. Number in the parentheses to the right of the
description is the sic definition.)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

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003 LEGISLATORS (112)
004 CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS,
   PUBLIC ADMINISTRATION (111)
005 ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION
   (PT 113 AND 119, EXCEPT 1136)
006 ADMINISTRATORS, PROTECTIVE SERVICES (PT 113)
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 (126)
015 MANAGERS, MEDICINE AND HEALTH (131)
016 MANAGERS, PROPERTIES AND REAL ESTATE (1353)
017 POSTMASTERS AND MAIL SUPERINTENDENTS (1344)
018 FUNERAL DIRECTORS (PT 1359)
019 MANAGERS AND ADMINISTRATORS, N.E.C. (1136,121,126,127,
   132-139, EXCEPT 1344,1353, PT 1359)

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024 UNDERWRITERS (PT 1419)
025 OTHER FINANCIAL OFFICERS (PT 1419)
026 MANAGEMENT ANALYSTS (1422)
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028 PURCHASING AGENTS AND BUYERS, FARM PRODUCTS (PT 144)
029 BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS (1432)
033 PURCHASING AGENTS AND BUYERS, N.E.C. (PT 144)
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036 INSPECTORS AND COMPLIANCE OFFICERS, EXC. CONSTRUCTION
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044 AEROSPACE ENGINEERS (1622)
045 METALLURGICAL AND MATERIALS ENGINEERS (1623)
046 MINING ENGINEERS (1624)
047 PETROLEUM ENGINEERS (1625)
048 CHEMICAL ENGINEERS (1626)
049 NUCLEAR ENGINEERS (1627)
053 CIVIL ENGINEERS (1628)
054 AGRICULTURAL ENGINEERS (1632)
055 ELECTRICAL AND ELECTRONIC ENGINEERS (1633, 1636)
056 INDUSTRIAL ENGINEERS (1634)
057 MECHANICAL ENGINEERS (1635)
058 MARINE ENGINEERS AND NAVAL ARCHITECTS (1637)
059 ENGINEERS, N.E.C. (1639)
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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, 1859)
079 FORESTRY AND CONSERVATION SCIENTISTS (1852)
083 MEDICAL SCIENTISTS (1855)

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088 PODIATRISTS (283)
089 HEALTH DIAGNOSING PRACTITIONERS, N.E.C. (289)

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096 PHARMACISTS (301)
097 DIETITIANS (302)
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098  INHALATION THERAPISTS (PT 303)
099  OCCUPATIONAL THERAPISTS (PT 303)
103  PHYSICAL THERAPISTS (PT 303)
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105  THERAPISTS, N.E.C. (PT 303)
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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)
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126  SOCIAL SCIENCE TEACHERS, N.E.C. (2225)
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128  MATHEMATICAL SCIENCE TEACHERS (2227)
129  COMPUTER SCIENCE TEACHERS (2228)
133  MEDICAL SCIENCE TEACHERS (PT 2232)
134  HEALTH SPECIALTIES TEACHERS (PT 2232)
135  BUSINESS, COMMERCE, AND MARKETING TEACHERS (2233)
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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)
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153  TEACHERS, POSTSECONDARY, N.E.C. (PT 2249)
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156  TEACHERS, ELEMENTARY SCHOOL (232)
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159  TEACHERS, N.E.C. (234,239)
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205 HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS (364)
206 RADIOLOGIC TECHNICIANS (365)
207 LICENSED PRACTICAL NURSES (366)
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214 INDUSTRIAL ENGINEERING TECHNICIANS (3712)
215 MECHANICAL ENGINEERING TECHNICIANS (3713)
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224 CHEMICAL TECHNICIANS (3831)
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U.S. DEPARTMENT OF COMMERCE  
Bureau of the Census  
Washington, D.C. 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.)  

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Teachers, postsecondary, n.e.c. (2249)
Postsecondary teachers, subject not specified

Teachers, Except Postsecondary

Teachers, prekindergarten and kindergarten (231)
Teachers, elementary school (232)
Teachers, secondary school (233)
Teachers, special education (235)
Teachers, n.e.c. (236, 239)

Counselors, educational and vocational (24)

Librarians, Archivists, and Curators

Librarians (251)
Archivists and curators (252)

Social Scientists and Urban Planners

Economists (1912)
Psychologists (1915)
Sociologists (1916)
Social scientists, n.e.c. (1913, 1914, 1919)
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

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Sales Occupations

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Sales Representatives, Commodities Except Retail

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Sales Workers, Retail and Personal Services

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Sales Related Occupations

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Administrative Support Occupations, Including Clerical

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Computer Equipment Operators

Computer operators (4612)
Peripheral equipment operators (4613)

Secretaries, Stenographers, and Typists

Secretaries (4622)
Stenographers (4623)
Typists (4624)

Information Clerks

Interviewers (4642)
Hotel clerks (4643)
Transportation ticket and reservation agents (4644)
Receptionists (4645)
Information clerks, n.e.c. (4649)

Records Processing Occupations, Except Financial

Classified-ad clerks (4662)
Correspondence clerks (4663)
Order clerks (4664)
Personnel clerks, except payroll and timekeeping (4692)
Library clerks (4694)
File clerks (4695)
Records clerks (4699)

Financial Records Processing Occupations

Bookkeepers, accounting, and auditing clerks (4712)
Payroll and timekeeping clerks (4713)
Billing clerks (4715)
Cost and rate clerks (4716)
Billing, posting, and calculating machine operators (4718)

Duplicating, Mail and Other Office Machine Operators

Duplicating machine operators (4722)
Mail preparing and paper handling machine operators (4723)
Office machine operators, n.e.c. (4729)

Communications Equipment Operators

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

Mail and Message Distributing Occupations

Postal clerks, exc. mail carriers (4742)
Mail carriers, postal service (4743)
Mail clerks, exc. postal service (4744)
Messengers (4745)

Material Recording, Scheduling, and Distributing Clerks

Dispatchers (4751)
Production coordinators (4752)
Traffic, shipping, and receiving clerks (4753)
Stock and inventory clerks (4754)
Meter readers (4755)
Weighers, measurers, checkers and samplers (4756, 4757)
Expediters (4758)
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
Dental assistants (5232)
Health aides, except nursing (5233)
Nursing aides, orderlies, and attendants (5236)

Cleaning and Building Service Occupations, except Household
Supervisors, cleaning and building service workers (5241)
Maids and housemen (5242, 5249)
Janitors and cleaners (5244)
Elevator operators (5245)
Pest control occupations (5246)

Personal Service Occupations
Supervisors, personal service occupations (5251)
Barbers (5252)
Hairdressers and cosmetologists (5253)
Attendants, amusement and recreation facilities (5254)
Guides (5255)
Ushers (5256)
Public transportation attendants (5257)
Baggage porters and bellhops (5262)
Welfare service aides (5263)
Family child care providers (pt 5264)
Early childhood teacher's assistants (pt 5264)
Child care workers, n.e.c. (pt 5264)
Personal service occupations, n.e.c. (5258, 5269)

FARMING, FORESTRY, AND FISHING OCCUPATIONS

Farm Operators and Managers
Farmers, except horticultural (5512-5514)
Horticultural specialty farmers (5515)
Managers, farms, except horticultural (5522-5524)
Managers, horticultural specialty farms (5525)

Other Agricultural and Related Occupations
Farm Occupations, Except Managerial
Supervisors, farm workers (5611)
Farm workers (5612-5617)
Marine life cultivation workers (5618)
Nursery workers (5619)

Related Agricultural Occupations
Supervisors, related agricultural occupations (5621)
Groundskeepers and gardeners, except farm (5622)
Animal caretakers, except farm (5624)
Graders and sorters, agricultural products (5625)
Inspectors, agricultural products (5627)

Forestry and Logging Occupations
Supervisors, forestry, and logging workers (571)
Forestry workers, except logging (572)
Timber cutting and logging occupations (573, 579)

Fishers, Hunters, and Trappers
Captains and other officers, fishing vessels (pt 8241)
Fishers (583)
Hunters and trappers (584)
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

Mechanics and Repairers

Supervisors, mechanics and repairers (60)

Mechanics and Repairers, Except Supervisors

Vehicle and Mobile Equipment Mechanics and Repairers

- Automobile mechanics (pt 6111)
- Automobile mechanic apprentices (pt 6111)
- Bus, truck, and stationary engine mechanics (6112)
- Aircraft engine mechanics (6113)
- Small engine repairers (6114)
- Automobile body and related repairers (6115)
- Aircraft mechanics, exc. engine (6116)
- Heavy equipment mechanics (6117)
- Farm equipment mechanics (6118)

Industrial machinery repairers (613)

Machinery maintenance occupations (614)

Electrical and Electronic Equipment Repairers

- Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
- Data processing equipment repairers (6154)
- Household appliance and power tool repairers (6156)
- Telephone line installers and repairers (6157)
- Telephone installers and repairers (6158)
- Miscellaneous electrical and electronic equipment repairers (6152, 6159)

Heating, air conditioning, and refrigeration mechanics (616)

Miscellaneous Mechanics and Repairers

- Camera, watch, and musical instrument repairers (6171, 6172)
- Locksmiths and safe repairers (6173)
- Office machine repairers (6174)
- Mechanical controls and valve repairers (6175)
- Elevator installers and repairers (6176)
- Millwrights (6178)
- Specified mechanics and repairers, n.e.c. (6177, 6179)
- Not specified mechanics and repairers

Construction Trades

Supervisors, Construction Occupations

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

Construction Trades, Except Supervisors

- Brickmasons and stonemasons (pt 6412, pt 6413)
- Brickmason and stonemason apprentices (pt 6412, pt 6413)
- Tile setters, hard and soft (pt 6414, pt 6462)
- Carpet installers (pt 6462)
- Carpenters (pt 6422)
- Carpenter apprentices (pt 6422)
- Drywall installers (6424)
Construction Trades, Except Supervisors (Continued)

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)
634  Precision Metal Working Occupations
635  Tool and die makers (pt 6811)
636  Tool and die maker apprentices (pt 6811)
637  Precision assemblers, metal (6812)
639  Machinists (pt 6813)
643  Machinist apprentices (pt 6813)
644  Boilermakers (6814)
645  Precision grinders, filers, and tool sharpeners (6816)
646  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 casting 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 sewing 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 (8112)
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 occupation
U.S. DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, D.C. 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)
CENSUS CODE

MANUFACTURING - Continued

Nondurable goods - Continued

151 Apparel and other finished textile products
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

230 Lumber and wood products, except furniture
231 Logging (241)
232 Sawmills, planing mills, and millwork (242, 243)
233 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 plaster products (324, 327)
252 Structural clay products (325)
261 Pottery and related products (326)
262 Miscellaneous nonmetallic mineral and stone products (328, 329)
MANUFACTURING - Continued

Durable Goods - Continued

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 Machinery, 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 Pipe lines, 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
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<td>Hardware stores (525)</td>
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<td>Retail nurseries and garden stores (526)</td>
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<td>Department stores (531)</td>
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<td>Miscellaneous general merchandise stores (539)</td>
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<td>Dairy products stores (545)</td>
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<td>Retail bakeries (546)</td>
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<td>Food stores, n.e.c. (542, 543, 544, 549)</td>
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<td>Motor vehicle dealers (551, 552)</td>
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<td>620</td>
<td>Auto and home supply stores (553)</td>
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<td>Gasoline service stations (554)</td>
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<td>Miscellaneous vehicle dealers (555, 556, 557, 559)</td>
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<td>Apparel and accessory stores, except shoe (56, except 566)</td>
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<td>Shoe stores (566)</td>
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<td>Furniture and home furnishings stores (571)</td>
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<td>Radio, TV, and computer stores (573, 5734)</td>
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<td>Music stores (5735, 5736)</td>
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<td>641</td>
<td>Eating and drinking places (58)</td>
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<td>Drug stores (591)</td>
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<td>Liquor stores (592)</td>
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<td>Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)</td>
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<td>Book and stationery stores (5942, 5943)</td>
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<td>670</td>
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<td>Direct selling establishments (5963)</td>
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<td>Fuel dealers (598)</td>
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<td>681</td>
<td>Retail florists (5992)</td>
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<td>690</td>
<td>Miscellaneous retail stores (593, 5948, 5993-5995, 5999)</td>
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<td>Not specified retail trade</td>
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**FINANCE, INSURANCE, AND REAL ESTATE**

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<td>Savings institutions, including credit unions (603, 606)</td>
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<td>702</td>
<td>Credit agencies, n.e.c. (61)</td>
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<td>710</td>
<td>Security, commodity brokerage, and investment companies (62, 67)</td>
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<tr>
<td>711</td>
<td>Insurance (63, 64)</td>
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<td>712</td>
<td>Real estate, including real estate-insurance offices (65)</td>
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<tr>
<td>721</td>
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<td>722</td>
<td>Services to dwellings and other buildings (734)</td>
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<td>Personnel supply services (736)</td>
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<td>Computer and data processing services (737)</td>
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<td>740</td>
<td>Detective and protective services (7381, 7382)</td>
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<td>Business services, n.e.c. (732, 733, 735, 7383-7389)</td>
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<td>Automotive rental and leasing, without drivers (751)</td>
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<td>760</td>
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<td>Lodging places, except hotels and motels (702, 703, 704)</td>
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<td>Laundry, cleaning, and garment services (721 exc. part 7219)</td>
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<td>Funeral service and crematories (726)</td>
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<td>782</td>
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<td>790</td>
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<td>Video tape rental (784)</td>
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<td>812</td>
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<td>Offices and clinics of chiropractors (8041)</td>
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<td>Offices and clinics of optometrists (8042)</td>
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<td>Offices and clinics of health practitioners, n.e.c. (8043, 8049)</td>
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<td>Health services, n.e.c. (807, 808, 809)</td>
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<td>Elementary and secondary schools (821)</td>
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<td>Colleges and universities (822)</td>
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<td>Vocational schools (824)</td>
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<td>852</td>
<td>Libraries (823)</td>
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<td>Educational services, n.e.c. (829)</td>
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</table>
PROFESSIONAL AND RELATED SERVICES - Continued

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

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<td>021</td>
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<tr>
<td>020</td>
<td>020 X</td>
<td>Landscape and horticultural services</td>
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<td>030</td>
<td>031 S</td>
<td>Forestry</td>
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<td>031</td>
<td>032 S</td>
<td>Agricultural services, n.e.c.</td>
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<tr>
<td>S</td>
<td>042 X</td>
<td>Fishing, hunting, and trapping</td>
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<tr>
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<td>102 X</td>
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<td>141 X</td>
<td>Canned, frozen, and preserved fruits and vegetable</td>
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<td>281 X</td>
<td>Carpets and rugs</td>
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<td>322 X</td>
<td>Cutlery, handtools, and general hardware</td>
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<td>372 X</td>
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<td>Medical, dental, and optical instruments and supplies</td>
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<td>440 X</td>
<td>(Old) Not specified professional equipment</td>
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<tr>
<td>S</td>
<td>441 X</td>
<td>Radio and television broadcasting and cable</td>
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<td>S</td>
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<td>S</td>
<td>451 S</td>
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<td>452 S</td>
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<td>Shoe stores</td>
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<td>632 S</td>
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<td>Radio, TV, and computer stores</td>
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<td>S</td>
<td>640 S</td>
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<td>661 S</td>
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<tr>
<td>S</td>
<td>701 X</td>
<td>Savings institutions, including credit unions</td>
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<td>730 891 XX</td>
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<td>801</td>
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<td>Bowling centers</td>
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<td>804</td>
<td>Miscellaneous entertainment and recreation services</td>
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**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

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<td>018</td>
<td>S</td>
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<td>Managers, properties and real estate</td>
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<td>368</td>
<td>X</td>
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<td>368</td>
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<td>Supervisors, production occupations</td>
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<td>674</td>
<td>XX</td>
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<td>(Old) Apparel and fabric patternmakers</td>
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<td>674</td>
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<tr>
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<td>Printing press operators</td>
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<td>(Old) Hand grinding and polishing occupations</td>
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<td>Miscellaneous hand working occupations</td>
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<td>804</td>
<td>X</td>
<td></td>
<td>Truck drivers</td>
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<td>804</td>
<td>XX</td>
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<td>(Old) Truck drivers, light</td>
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<td>864</td>
<td>S</td>
<td></td>
<td>Supervisors, handlers, equipment cleaners, and laborers</td>
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<td>865</td>
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<td>Helpers, mechanics and repairers</td>
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<td>Helpers, extractive occupations</td>
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<td>874</td>
<td>S</td>
<td></td>
<td>Production helpers</td>
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</tbody>
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- **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