

APPENDIXES

APPENDIX I

SCORES FOR CATEGORIES OF OCCUPATION COMPONENT

(These scores for occupations were based on the combined average levels of education and income for males in all occupations in 1950. See text for further description of procedures)

Score	Category	Score	Category
	Professional, technical, and kindred workers		Managers, officials, and proprietors, except farm
92	Accountants and auditors	92	Buyers and department heads, store
84	Actors	51	Buyers and shippers, farm products
96	Airplane pilots and navigators	73	Conductors, railroad
98	Architects	92	Credit men
88	Artists and art teachers	79	Floormen and floor managers, store
60	Athletes		Inspectors, public administration
93	Authors	89	Federal public administration and postal service
89	Chiropractors	81	State public administration
67	Clergymen	82	Local public administration
96	College presidents, professors, and instructors (n.e.c.)	41	Managers and superintendents, building
61	Dancers and dancing teachers	79	Officers, pilots, pursers, and engineers, ship
99	Dentists		Officials & administrators (n.e.c.), public administration
91	Designers	94	Federal public administration
65	Dietitians and nutritionists	90	State public administration
87	Draftsmen	79	Local public administration
95	Editors and reporters	82	Officials, lodge, society, union, etc.
	Engineers, technical	82	Postmasters
97	Aeronautical	92	Purchasing agents and buyers (n.e.c.)
98	Chemical		Managers, officials, and proprietors (n.e.c.)—Salaried
96	Civil	84	Construction
97	Electrical	95	Manufacturing
95	Industrial	87	Transportation
96	Mechanical	93	Communications, and utilities and sanitary services
97	Metallurgical, and metallurgists	90	Wholesale trade
97	Mining		Retail trade
96	Not elsewhere classified	78	Food and dairy products stores
48	Entertainers (n.e.c.)	70	Eating and drinking places
94	Farm and home management advisors	90	General merchandise and limited price variety stores
78	Foresters and conservationists	89	Apparel and accessories stores
83	Funeral directors and embalmers	89	Furniture, housefurnishings, and equipment stores
98	Lawyers and judges	88	Motor vehicles and accessories retailing
64	Librarians	63	Gasoline service stations
72	Musicians and music teachers	87	Hardware, farm implement, & building material retailing
	Natural scientists	84	Other retail trade
94	Chemists	96	Banking and other finance
95	Other natural scientists	96	Insurance and real estate
71	Nurses, professional	96	Business services
50	Nurses, student professional	76	Automobile repair services and garages
96	Optometrists	81	Miscellaneous repair services
99	Osteopaths	78	Personal services
96	Personnel and labor relations workers	89	All other industries (incl. not reported)
95	Pharmacists		Managers, officials, & proprietors (n.e.c.)—Self-employed
73	Photographers	79	Construction
99	Physicians and surgeons	88	Manufacturing
95	Public relations men and publicity writers	73	Transportation
90	Radio operators	72	Communications, and utilities and sanitary services
84	Recreation and group workers	85	Wholesale trade
63	Religious workers		Retail trade
85	Social and welfare workers, except group	54	Food and dairy products stores
96	Social scientists	71	Eating and drinking places
87	Sports instructors and officials	72	General merchandise and limited price variety stores
71	Surveyors	88	Apparel and accessories stores
89	Teachers (n.e.c.)	86	Furniture, housefurnishings, and equipment stores
73	Technicians, medical and dental	89	Motor vehicles and accessories retailing
80	Technicians, electrical and electronic	63	Gasoline service stations
80	Technicians, other engineering and physical sciences	90	Hardware, farm implement, & building material retailing
85	Technicians (n.e.c.)	75	Other retail trade
81	Therapists and healers (n.e.c.)	97	Banking and other finance
95	Veterinarians	95	Insurance and real estate
86	Professional, technical, and kindred workers (n.e.c.)	91	Business services
	Farmers and farm managers	68	Automobile repair services and garages
16	Farmers (owners and tenants)	60	Miscellaneous repair services
55	Farm managers	68	Personal services
		76	All other industries (incl. not reported)

SCORES FOR CATEGORIES OF OCCUPATION COMPONENT--Con.

Score	Category	Score	Category
	Clerical and kindred workers		Craftsmen, foremen, and kindred workers--Con.
90	Agents (n.e.c.)	51	Forgemen and hammermen
50	Attendants and assistants, library	66	Furriers
56	Attendants, physician's and dentist's office	57	Glaziers
54	Baggagemen, transportation	58	Heat treaters, annealers, and temperers
75	Bank tellers	48	Inspectors, scalers, and graders, log and lumber
73	Bookkeepers		Inspectors (n.e.c.)
69	Cashiers	76	Construction
66	Collectors, bill and account	65	Railroads and railway express service
73	Dispatchers and starters, vehicle	74	Transportation, exc. RR., commun. & other public util.
85	Express messengers and railway mail clerks	71	Other industries (incl. not reported)
73	File clerks	63	Jewelers, watchmakers, goldsmiths, and silversmiths
89	Insurance adjusters, examiners, and investigators	64	Job setters, metal
80	Mail carriers	76	Linemen and servicemen, telegraph, telephone, and power
43	Messengers and office boys	68	Locomotive engineers
69	Office machine operators	76	Locomotive firemen
73	Payroll and timekeeping clerks	32	Loom fixers
73	Postal clerks	68	Machinists
73	Receptionists		Mechanics and repairmen
82	Secretaries	61	Air conditioning, heating, and refrigeration
58	Shipping and receiving clerks	79	Airplane
82	Stenographers	52	Automobile
73	Stock clerks and storekeepers	66	Office machine
33	Telegraph messengers	62	Radio and television
75	Telegraph operators	52	Railroad and car shop
72	Telephone operators	61	Not elsewhere classified
82	Ticket, station, and express agents	39	Millers, grain, flour, feed, etc.
82	Typists	62	Millwrights
73	Clerical and kindred workers (n.e.c.)	41	Molders, metal
	Sales workers	73	Motion picture projectionists
90	Advertising agents and salesmen	72	Opticians, and lens grinders and polishers
67	Auctioneers	37	Painters, construction and maintenance
62	Demonstrators	22	Paperhangers
08	Hucksters and peddlers	74	Pattern and model makers, except paper
89	Insurance agents, brokers, and underwriters	84	Photoengravers and lithographers
20	Newsboys	54	Piano and organ tuners and repairmen
86	Real estate agents and brokers	46	Plasterers
94	Stock and bond salesmen	64	Plumbers and pipe fitters
	Salesmen and sales clerks (n.e.c.)	77	Pressmen and plate printers, printing
88	Manufacturing	54	Rollers and roll hands, metal
85	Wholesale trade	34	Roofers and slaters
61	Retail trade	22	Shoemakers and repairers, except factory
77	Other industries (incl. not reported)	72	Stationary engineers
	Craftsmen, foremen, and kindred workers	44	Stone cutters and stone carvers
50	Bakers	66	Structural metal workers
31	Blacksmiths	40	Tailors
59	Boilermakers	68	Tinsmiths, coppersmiths, and sheet metal workers
69	Bookbinders	77	Toolmakers, and die makers and setters
50	Brickmasons, stonemasons, and tile setters	53	Upholsterers
48	Cabinetmakers	62	Craftsmen and kindred workers (n.e.c.)
35	Carpenters	36	Former members of the Armed Forces
34	Cement and concrete finishers		Operatives and kindred workers
79	Compositors and typesetters		Apprentices
52	Cranemen, derrickmen, and hoistmen	46	Auto mechanics
67	Decorators and window dressers	57	Bricklayers and masons
74	Electricians	50	Carpenters
81	Electrotypers and stereotypers	61	Electricians
75	Engravers, except photoengravers	59	Machinists and toolmakers
57	Excavating, grading, and road machinery operators	60	Mechanics, except auto
	Foremen (n.e.c.)	60	Plumbers and pipe fitters
65	Construction	49	Building trades (n.e.c.)
	Manufacturing	55	Metalworking trades (n.e.c.)
76	Metal industries	57	Printing trades
82	Machinery, except electrical	51	Other specified trades
82	Electrical machinery, equipment, and supplies	55	Trade not specified
84	Transportation equipment	63	Asbestos and insulation workers
71	Other durable goods	61	Assemblers
66	Textiles, textile products, and apparel	44	Attendants, auto service and parking
79	Other nondurable goods (incl. not specified mfg.)	33	Blasters and powdermen
61	Railroads and railway express service	50	Boatmen, canalmen, and lock keepers
74	Transportation, except railroad	71	Brakemen, railroad
79	Communications, and utilities and sanitary services	65	Bus drivers
73	Other industries (incl. not reported)	47	Chainmen, rodmen, and axmen, surveying
		61	Checkers, examiners, and inspectors, mfg.

SCORES FOR CATEGORIES OF OCCUPATION COMPONENT--Con.

Score	Category	Score	Category
61	Operatives and kindred workers--Con. Conductors, bus and street railway		Operatives and kindred workers--Con. Operatives and kindred workers (n.e.c.)--Con.
59	Deliverymen and routemen		Manufacturing--Con.
35	Dressmakers and seamstresses, except factory		Nondurable goods
36	Dyers		Food and kindred products
57	Filers, grinders, and polishers, metal	43	Meat products
19	Fruit, nut, and vegetable graders and packers, exc. factory	53	Dairy products
45	Furnacemen, smeltermen, and pourers	26	Canning and preserving fruits, vegetables, and sea foods
14	Graders and sorters, mfg.		Grain-mill products
56	Heaters, metal	36	Bakery products
47	Knitters, loopers, and toppers, textile	38	Confectionery and related products
37	Laundry and dry cleaning operatives	34	Beverage industries
60	Meat cutters, except slaughter and packing house	48	Misc. food preparations and kindred products
73	Milliners	32	Not specified food industries
	Mine operatives and laborers (n.e.c.)	46	
18	Coal mining	13	Tobacco manufactures
70	Crude petroleum and natural gas extraction		Textile mill products
36	Mining and quarrying, except fuel	47	Knitting mills
28	Motormen, mine, factory, logging camp, etc.	38	Dyeing & finishing textiles, exc. wool & knit goods
64	Motormen, street, subway, and elevated railway	44	Floor coverings, except hard surface
		14	Yarn, thread, and fabric mills
44	Oilers and greasers, except auto	33	Miscellaneous textile mill products
38	Packers and wrappers (n.e.c.)		Apparel and other fabricated textile products
47	Painters, except construction and maintenance	39	Apparel and accessories
65	Photographic process workers	36	Miscellaneous fabricated textile products
78	Power station operators		Paper and allied products
40	Sailors and deck hands	51	Pulp, paper, and paperboard mills
10	Sawyers	37	Paperboard containers and boxes
39	Sewers and stitchers, mfg.	52	Miscellaneous paper and pulp products
20	Spinners, textile	60	Printing, publishing, and allied industries
			Chemicals and allied products
40	Stationary firemen	51	Synthetic fibers
72	Switchmen, railroad	57	Drugs and medicines
37	Taxicab drivers and chauffeurs	51	Paints, varnishes, and related products
40	Truck and tractor drivers	55	Miscellaneous chemicals and allied products
27	Weavers, textile		Petroleum and coal products
62	Welders and flame-cutters	79	Petroleum refining
	Operatives and kindred workers (n.e.c.)	44	Miscellaneous petroleum and coal products
	Manufacturing		Rubber and misc. plastic products
	Durable goods	59	Rubber products
	Sawmills, planing mills, and misc. wood products	42	Miscellaneous plastic products
12	Sawmills, planing mills, and mill work		Leather and leather products
25	Miscellaneous wood products	37	Leather: tanned, curried, and finished
27	Furniture and fixtures	31	Footwear, except rubber
	Stone, clay, and glass products	36	Leather products, except footwear
50	Glass and glass products	44	Not specified manufacturing industries
29	Cement, and concrete, gypsum, and plaster products		Nonmanufacturing industries (incl. not reported)
31	Structural clay products	38	Construction
49	Pottery and related products	42	Railroads and railway express service
41	Misc. nonmetallic mineral and stone products	53	Transportation, except railroad
	Metal industries	52	Communications, and utilities and sanitary services
	Primary metal industries	38	Wholesale and retail trade
49	Blast furnaces, steel works, and rolling and finishing mills	45	Business and repair services
39	Other primary iron and steel industries	29	Personal services
47	Primary nonferrous industries	50	Public administration
	Fabricated metal industries (incl. not spec. metal)	36	All other industries (incl. not reported)
48	Cutlery, handtools, and other hardware		Private household workers
48	Fabricated structural metal products	07	Baby sitters, private household
48	Miscellaneous fabricated metal products		Housekeepers, private household
47	Not specified metal industries	25	Living in
	Machinery, except electrical	32	Living out
59	Farm machinery and equipment		Laundresses, private household
67	Office, computing, and accounting machines	09	Living in
57	Miscellaneous machinery	09	Living out
62	Electrical machinery, equipment, and supplies		Private household workers (n.e.c.)
	Transportation equipment	26	Living in
61	Motor vehicles and motor vehicle equipment	07	Living out
71	Aircraft and parts		Service workers, except private household
41	Ship and boat building and repairing	38	Attendants, hospital and other institution
56	Railroad and misc. transportation equipment	46	Attendants, professional and personal service (n.e.c.)
	Professional and photographic equipment, and watches	26	Attendants, recreation and amusement
57	Professional equipment and supplies	37	Barbers
73	Photographic equipment and supplies	46	Bartenders
62	Watches, clocks, and clockwork-operated devices		
42	Miscellaneous manufacturing industries		

SCORES FOR CATEGORIES OF OCCUPATION COMPONENT--Con.

Score	Category	Score	Category
35	Service workers, except private household--Con.		Laborers, except farm and mine--Con.
02	Boarding and lodging house keepers		Laborers (n.e.c.)--Con.
18	Bootblacks		Manufacturing--Con.
18	Chambermaids and maids, except private household		Durable goods--Con.
15	Charwomen and cleaners		Machinery, except electrical
31	Cooks, except private household	38	Farm machinery and equipment
41	Counter and fountain workers	45	Office, computing, and accounting machines
28	Elevator operators	32	Miscellaneous machinery
37	Hairdressers and cosmetologists	45	Electrical machinery, equipment and supplies
61	Housekeepers and stewards, except private household		Transportation equipment
18	Janitors and sextons	42	Motor vehicles and motor vehicle equipment
18	Kitchen workers (n.e.c.), except private household	51	Aircraft and parts
51	Midwives	19	Ship and boat building and repairing
16	Porters	31	Railroad and misc. transportation equipment
32	Practical nurses		Professional and photographic equipment, and watches
	Protective service workers	37	Professional equipment and supplies
73	Firemen, fire protection	41	Photographic equipment and supplies
38	Guards, watchmen, and doorkeepers	29	Watches, clocks, and clockwork-operated devices
44	Marshals and constables	28	Miscellaneous manufacturing industries
	Policemen and detectives		Nondurable goods
74	Public		Food and kindred products
67	Private	32	Meat products
66	Sheriffs and bailiffs	34	Dairy products
39	Watchmen (crossing) and bridge tenders	15	Canning and preserving fruits, vegetables, and sea foods
34	Ushers, recreation and amusement		Grain-mill products
39	Waiters	23	Bakery products
18	Service workers, except private household (n.e.c.)	30	Confectionery and related products
	Farm laborers and foremen	33	Beverage industries
37	Farm foremen	17	Misc. food preparations and kindred products
04	Farm laborers, wage workers	40	Not specified food industries
10	Farm laborers, unpaid family workers		Tobacco manufactures
33	Farm service laborers, self-employed		Textile mill products
	Laborers, except farm and mine	12	Yarn, thread, and fabric mills
16	Carpenters' helpers, except logging and mining	14	Other textile mill products
11	Fishermen and oystermen	21	Apparel and other fabricated textile products
24	Garage laborers, and car washers and greasers		Paper and allied products
19	Gardeners, except farm, and groundskeepers	27	Pulp, paper, and paperboard mills
25	Longshoremen and stevedores	31	Paperboard containers and boxes
04	Lumbermen, raftsmen, and wood choppers	30	Miscellaneous paper and pulp products
13	Teamsters	50	Printing, publishing, and allied industries
28	Truck drivers' helpers		Chemical and allied products
28	Warehousemen (n.e.c.)	30	Synthetic fibers
	Laborers (n.e.c.)	48	Drugs and medicines
	Manufacturing	42	Paints, varnishes, and related products
	Durable goods	18	Miscellaneous chemicals and allied products
04	Sawmills, planing mills, and misc. wood products		Petroleum and coal products
09	Sawmills, planing mills, and mill work	59	Petroleum refining
19	Miscellaneous wood products	26	Miscellaneous petroleum and coal products
31	Furniture and fixtures	41	Rubber and miscellaneous plastic products
22	Stone, clay, and glass products	27	Leather and leather products
19	Glass and glass products	26	Not specified manufacturing industries
22	Cement, and concrete, gypsum, and plaster products		Nonmanufacturing industries (incl. not reported)
19	Structural clay products	16	Construction
30	Pottery and related products	20	Railroads and railway express service
23	Misc. nonmetallic mineral and stone products	28	Transportation, except railroad
	Metal industries	18	Communications, and utilities and sanitary services
	Primary metal industries	28	Wholesale and retail trade
35	Blast furnaces, steel works, and rolling and finishing mills	26	Business and repair services
18	Other primary iron and steel industries	01	Personal services
34	Primary nonferrous industries	29	Public administration
	Fabricated metal industries (incl. not spec. metal)	07	All other industries (incl. not reported)
27	Cutlery, hand tools, and other hardware	33	Occupation not reported
27	Fabricated structural metal products		Present members of the Armed Forces
27	Misc. fabricated metal products	63	
28	Not specified metal industries		

APPENDIX II

SCORES FOR CATEGORIES OF MAJOR OCCUPATION GROUPS

Score	Category	Score	Category
90	Professional, technical, and kindred workers	45	Operatives and kindred workers
16	Farmers and farm managers	34	Service workers, including private household
81	Managers, officials, and proprietors, except farm	06	Farm laborers and foremen
71	Clerical, sales, and kindred workers	20	Laborers, except farm and mine
58	Craftsmen, foremen, and kindred workers		

APPENDIX III

SCORES FOR CATEGORIES OF YEARS OF SCHOOL COMPLETED

Score	Category	Score	Category	Score	Category
98	College: 5 or more	67	High school: 4	23	Elementary: 8
93	4	49	3	13	7
89	3	42	2	08	5 and 6
86	2	34	1	04	3 and 4
83	1			02	1 and 2
				01	None

APPENDIX IV

SCORES FOR CATEGORIES OF FAMILY INCOME (OR INCOME OF PERSONS NOT IN FAMILIES)

Score	Category	Score	Category	Score	Category
100	\$25,000 or more	74	\$7,000 to \$7,499	21	\$3,000 to \$3,499
98	\$15,000 to \$24,999	69	\$6,500 to \$6,999	17	\$2,500 to \$2,999
94	\$10,000 to \$14,999	63	\$6,000 to \$6,499	12	\$2,000 to \$2,499
89	\$9,500 to \$9,999	57	\$5,500 to \$5,999	08	\$1,500 to \$1,999
87	\$9,000 to \$9,499	49	\$5,000 to \$5,499	05	\$1,000 to \$1,499
84	\$8,500 to \$8,999	41	\$4,500 to \$4,999	03	\$500 to \$999
81	\$8,000 to \$8,499	34	\$4,000 to \$4,499	01	Loss, none, or less than \$500
78	\$7,500 to \$7,999	27	\$3,500 to \$3,999		

pins down data for counties



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County Business Patterns highlights the data businessmen, market researchers, and industrial and civic planners need for counties, standard metropolitan statistical areas, and States. Principal data items covered are employment, taxable payrolls, and the number and employment-size of reporting units for commercial and industrial organizations. Data are presented in individual paper-bound reports for States and for the United States. Prices vary for individual reports. Computer tapes and punchcards are also available. For further information, write to Bureau of the Census, Washington, D.C., 20233, or any Department of Commerce field office.

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