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Occupational status has long been recognized as one of the most crucial indicators of an individual's general social welfare since it reflects a person's style of life and location in the social stratification hierarchy. Moreover, the distribution of occupational statuses in a population provides a meaningful index of that population's social structure and serves to characterize the similarity or difference of its stratification system in comparison with other populations.

For these reasons, the measurement of occupational status has been of considerable concern to social researchers, and a number of theoretical and methodological questions have arisen in connection with efforts to derive occupational status indexes. What is the essential dimension of occupational status? Which variables should enter into its determination? What procedures should be used to calculate status measures? How stable are these status indicators over time?

Some researchers have viewed occupational status in terms of its prestige dimension and others have treated it more as a socioeconomic variable. In the first case, subjective ratings of occupations have been obtained; in the second, status has been accorded occupations on the basis of various objective variables, such as education and income. In both cases, some type of scoring device has been developed to assign a numerical rating to a particular level of status. With regard to changes over time, occupations have been seen to retain a remarkable degree of stability over the years. While a minority of occupations have significantly increased or decreased their status, the vast majority have not altered their relative position in the stratification hierarchy. Hence, status mobility by individuals occurs, principally through changes in their occupations.

Background of present research

One of the major occupational status scoring procedures was developed by Nam and his colleagues at the Census Bureau in connection with preparatory work for the 1960 Census of There was interest at that time in Population. constructing an occupational status index that was more detailed and homogeneous than the Alba Edwards classification scheme which, since 1930 or so, had permitted arrangement of occupations into major groupings that formed a crude social scale. The Census group decided that homogeneity could best be achieved not only by stratifying occupations per se but by developing a multiple-item index of socioeconomic status that combined independent ratings of education and income with ratings of occupations. The socioeconomic scores for chief income recipients

of families, based on this multiple-item procedure, were assigned to other family members. These scores, along with measures of status consistency, (the extent to which the three components of the score were at about the same relative levels), were placed on the computer tape records for individuals in the 1960 Census. A subject report of the 1960 Census dealt with distribution of socioeconomic scores for various populations and the relationship of the multiple-item status measures to other population characteristics.

The occupational component of the multipleitem index itself was found useful as a measure of socioeconomic status. The status placement of individuals could be made more precisely through the multiple-item index because account could be taken of the variation within occupations by education and income levels. However, construction of the multiple-item index from non-census data was often a problem due to the difficulty of collecting data on income and education as well as occupation in surveys, and many researchers apparently preferred a simpler indicator of status than the multiple-item Census scheme.

Work on the occupational component was continued by Nam and Powers, who compared the status scores for detailed occupations based on 1950 and 1960 data. They concluded that there was a high degree of stability of scores over the ten-year period, although for several specific occupations the status level changed significantly downward or upward.

In plans for the 1970 Census, the Census Bureau decided to drop the practice of generating socioeconomic scores using any procedure.

Considerations in the preparation of 1970 status scores

One characteristic of occupational status measures in the past, regardless of the way in which they were developed, is that almost all of them have been based on information for men. The theoretical justifications have been that men are the principal workers in most families and that those who are the chief earners determine the status of the family as a whole; furthermore, there were relatively few women in the labor force and they were concentrated in a relatively small number of occupations. While these arguments may have been valid in American society at one time, they are no longer valid at present. Women have become increasingly involved in the labor force, labeling of occupations as exclusively men's or women's is disappearing, requirements for occupational pursuits and rewards from jobs are becoming more and more standardized irrespective of who is the incumbent, and

relatively more families have two or more persons in the labor force.

In preparing occupational status scores for 1970, we decided to calculate them for women as well as men, and also for both sexes combined. Because a high proportion of women only do parttime work, separate calculations have been made for women who were full-time workers. Data users can judge for themselves which set of scores is most applicable for a particular analysis.

For each of the categories, the procedures for deriving the scores are essentially the same, being based on the combined average levels of education and income for incumbents of the occupation. More specifically, the procedure involved: (a) arraying occupations according to the median educational level of persons in the experienced civilian labor force, (b) arraying the occupations separately according to the median income level of each occupation, (c) by using the number of persons engaged in each occupation as weights, determining the cumulative interval of persons in each occupation for each of the two arrays, and (d) averaging the midpoints of the two cumulative distributions of occupants and dividing by the experienced civilian labor force to get a status score for the occupation. The resulting scores can take values between 0 and 100, and a score indicates the approximate percentage of persons in the experienced civilian labor force who are in occupations having combined average levels of education and income below that for the given occupation.

Occupational status scores for 1970

An examination of the distribution of status scores for each of the four populations of workers studied (men, women, women working full-time, and both sexes combined) reveals wide dispersal of scores. The 589 occupations are located along the whole status continuum from 0 to 100, partly as a function of the calculation procedures but mainly because of the great socioeconomic diversity among occupations.

Among males, for example, 4.2 percent of the occupations have status scores between 95 and 100, 8.0 percent have scores between 90 and 95, and so forth. Every five-percent interval of the status range includes no less than 3.7 percent of the occupations and no more than 8.0 percent of them. This essentially rectangular distribution is found for women as well as men, although for the former there are smaller percentages of occupations in the lowest status decile.

These data also confirm the fact that the major occupational groupings of the census are not at all homogeneous and that the major groupings constitute too crude a status scale to be useful in socioeconomic analysis. Among males, one half of the detailed occupations under the category "Professional, technical and kindred workers" have status scores between 90 and 100; and two-thirds have status scores between 80 and 100; but one-third of them have scores less than 80, with a number of them ranging between 40 and 59. The status scores for clerical occupations are widely distributed with over onefourth of them below 45 and one-third of them 65 or above. Some service occupations have status scores of near zero while others have scores near or over 70. These variations are common for women as well as men.

Changes in occupational status scores over time

It is a troublesome task to measure changes in the status level of occupations over time since the occupational classification system of the Bureau of the Census is modified at each census period. In calculating and comparing status scores for 1950 and 1960, Nam and Powers developed a common list of detailed occupations for the two dates by combining occupations that were subdivided or merged. Only a relatively small percentage of occupations did not have identical titles at the two dates.

In 1970, however, a major reclassification of the occupational list was made. New occupational titles were identified in order to (1) increase the homogeneity of the detailed occupations and (2) to reduce the number of persons listed under occupations n.e.c. (not elsewhere classified). In addition, some job titles were shifted from one major group to another because of the changing nature of the work; some categories were eliminated and the components combined with other occupations; and some occupations that had large number of incumbents were subdivided where occupational distinctions could be made within them. As a result, anyone who tries to compare detailed occupations for 1960 and 1970 is faced with an almost insuperable undertaking.

At the present time, we have developed essential matches for 126 detailed occupations. Most of these were classified identically in the 1960 and 1970 censuses, but some were changed slightly so that no more than one percent of the incumbents were classified differently in the two censuses. Although we cannot claim that the 126 occupations are a representative selection of the total 589 occupations in the detailed list, the matched occupations cover all major groupings and the distribution of status scores is not unlike that of the complete list.

When Nam and Powers compared the full list of detailed occupations for men for 1950 and 1960, they calculated a correlation coefficient between the two sets of scores of .96. The 1950-1960 correlation coefficient using the 126 occupations is .95. Our calculation for men in the 126 occupations in 1960 and 1970 provides a correlation coefficient of .97, indicating that an extremely high degree of stability in status scores has been maintained. Even the correlation coefficient between scores for men in 1950 and 1970 is .91. For all women combined, the coefficient for 1960-1970 was .85, reasonably high but much lower than for men. Apparently, the changing roles of women in recent years has modified the status levels of some occupations in a significant way.

An examination of the scores for specific occupations shows that, while for the vast majority of occupations the status scores changed very little between censuses, for a minority of occupations the changes were notable and most often in a downward direction.

As we continue our study, we will be delving further into the dynamics of these status changes, as well as exploring the reasons the relative status levels of many occupations remain basically unchanged while demographic and socioeconomic transformations are obviously taking place in American society.

FOOTNOTES

*This report is part of an ongoing study of the dynamics of occupational status changes supported by the National Science Foundation under Grant GS-40919 to Florida State University and Fordham University.

1. Useful reviews of occupational status and its links to societal processes are included in Albert J. Reiss, Jr., <u>Occupations and Social</u> <u>Status</u> (New York: The Free Press of Glencoe, 1961); Ronald M. Pavalko, <u>Sociology of Occupations and Professions</u> (Itasca, Illinois: <u>Peacock, 1971); and John P. Robinson et al., Measures of Occupational Attitudes and Occupational Characteristics</u> (Ann Arbor: Institute for Social Research, University of Michigan, 1969).

2. While these two dimensions are highly associated, there is a tendency for occupational status to vary more over time than occupational prestige. See Pavalko, op.cit., pp. 132, 140. 3. Charles B. Nam and Mary G. Powers, "Changes in the Relative Status Level of Workers in the United States, 1950-1960," Social Forces, 47 (December, 1968), pp. 158-177. 4. U.S. Bureau of the Census, Methodology and Scores of Socioeconomic Status, Working Paper No. 15 (Washington: U.S. Bureau of the Census, 1963). 5. U.S. Bureau of the Census, <u>A Social-Economic</u> Grouping of the Gainful Workers of the United States: 1930, (Washington: U.S. Government Printing Office, 1938). 6. U.S. Bureau of the Census, U.S. Census of Population: 1960, Subject Reports, Socioeconomic Status, Final Report PC(2)-5C (Washington: U.S. Government Printing Office, 1967). 7. Nam and Powers, op.cit. 8. This position has prevailed in the social science literature for a long period of time, and is presented in Thomas E. Lasswell, Class and Stratum (Boston: Houghton Mifflin, 1965), pp. 332-336. For a qualification of this position, see Walter B. Watson and Ernest A. T. Barth, "Questionable Assumptions in the Theory of Social Stratification," <u>Pacific Sociologi-</u> <u>cal Review</u>, 7:1 (Spring, 1964), pp. 10-16. 9. We are attempting to develop status scores for family units based on the status attributes of all family members. 10. Stanley Greene et al., "The 1970 Census of Population Occupation Classification System" Statistical Reporter, No. 70-6, December 1969, pp. 77-84.

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1970 OCCUPATIONAL STATUS SCORES FOR MALES (TM), FEMALES (TF), FEMALE, FULL-TIME YEAR-ROUND WORKERS (F-FT), AND BOTH SEXES COMBINED (TBS)

Professional, Technical and Kindred Workers	<u>111</u> 53	TF	F-FT	TRS	Dentista
Accountants	83	TF 87	87	89	Optometrists
Architects	95	99	100	97	Pharmacists
Computer Specialists					Physicians, Medical and Osteopathic
Computer Programmers	84	95	97	89	Podiatrists
Computer Systems Analysts	91	96	97	93	Veterinarians
Computer Specialists, n.e.c.	91	94	95	93	Health Practitioners, n.e.c.
Engineers					Registered Nurses, Dietitians and Therapists
Aeronautical and Astronautical	96	96	98	96	Dietitians
Chemical	96	98	97	97	Registered Nurses
Civil	93	96	98	95	Therapists
Electrical and Electronic	94	96	97	95	Health Technologists and Technicians
Industrial	91	93	94	93	Clinical Laboratory Technologists and Technicians
Hechanical	94	96	98	95	Dental Hygienists
Metallurgical and Materials	95	96	97	96	Health Record Technologists and Technicians
Mining	92	96	97	94	Radiologic Technologists and Technicians
Petroleum	95	96	97	96	Therapy Assistants
Sales	93	96	97	94	Health Technologists and Technicians, n.e.c.
Engincers, n.e.c.	93	96	98	94	Religious Workers
Farm Management Advisors	90	87	97	94	Clergymen
Foresters and Conservationists	70	37	49	78	Religious Workers, n.e.c.
Home Management Advisors	58	94	98	77	Social Scientists
Lawyers and Judges					Economists
Judges	98	95	100	99	Political Scientists
Lawyers	98	100	100	99	Psychologists
Librarians, Archivists and Curators					Sociologists
Librarians	72	94	98	75	Urban and Regional Planners
Archivists and Curators	72	91	97	80	Social Scientists, n.c.c.
Mathematical Specialists					Social and Recreation Workers
Actuaries	97	92	92	94	Social Workers
Mathematicians	97	97	98	96	Recreation Workers
Statisticians	91	94	95	88	Teachers, College and University
Life and Physical Scientists					Agriculture
Agricultural	87	68	93	91	Atmospheric and Space
Atmospheric and Space Biological	95	82	98	95	Biology
Chemists	91	96	98	91	Chemistry
	92	97	93	94	Physics
Geologists Marine	97	87	98	97	Engineering
	95	96	98	96	Mathematics
Physicists and Astronomers	98	99	99	99	Health Specialties
Life and Physical, n.e.c.	97	96	98	97	Psychology
Operations and Systems Researchers and Analysts Personnel and Labor Relations Workers	88	95	94	91	Business and Commerce
Personnel and Labor Relations Workers Physicians, Dentists and Related Practitioners	89	90	92	89	Economics
Chiropractors	93	70	97	95	History
on a sprace of a	93	70	97	72	Sociology

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Social Science Teachers, a.e.c. Art, Drama and Music	95 91	100	100	96 92	Personal Services	1 <u>11</u> 60	44	28	<u>TBS</u> 53
Coaches and Physical Education Education	91 98	99 100	99 100	94 98		74 67	59 51	· 50 51	74 67
English Foreign Language	91 91	96 95	99 99	91 89	Sales Workers	~			~
Home Economics	96 98	99 95	100 99	87 99	Auctioneers	86 68 64	83 31 28	88 30 48	86 69 31
Theology Trade, Industrial and Technical	88 89	94 86	99 99	91 90	Hucksters and Peddlers	41	24	21	28
Miscellancous Teachers, College and University Teachers, College and University, Subject Not Specified	92 89	99 83	100 99	94 87		82 11 84	20 71	76 18 84	86 12 81
Teachers, Except College and University Adult Education	84	81	91	81		95	89	89	95
Elementary School Public	79	95	96	80	Sales Representatives, Manufacturing Industries	86 76	49 49	70 54	88 81
Private Prekindergarten and Kindergarten	67	79	88	66	Sales Clerks, Retail Trade General Merchandise Stores	44	63	23	32
Public Private	52 55	92 52	91 53	72 47	Food Stores Apparel and Accessories Stores	30 37	19 32	14 25	24 34
Secondary School Public	85	98	98	86	Other Sales Clerks, Retail Trade Saleszen, Retail Trade	45 61	29 37	23 38	37
Private Tenchers, Except College and University, n.e.c.	75	89 55	91 91	77 52	Salesson of Services and Construction Sales Workers-Allocated	77 44	32 26	51 21	67 34
Engineering and Science Technicians Agriculture and Biological Technicians, Except Health	60	70	70	65	Clerical and Kindred Korkers				
Chemical Technicians Draftsmen	72 73	86 87	82 86	79 80	Bank Tellers Billing Clerks	50 56	61 60	47 51	49 48
Electrical and Electronic Engineering Industrial Engineering	76 74	77 84	73	82 79	Bookkeepers Cashiers	64 32	62 29	57 31	52 29
Mechanical inginoering Methematical	80 81	72 85	82 82	86 86	Clerical Assistants, Social Welfare Clerical Supervisors, n.e.c.	51 83	56 84	51 81	49 79
Surveyors Engineering and Science Technicians, n.e.c.	61 67	38 83	79 77	72	Collectors, Bill and Account Counter Clerks, Except Food	55 45	57 38	54 35	61 37
Technicians, Fixept Health Engineering and Science Airplane Pilots	93	95	76	94	Dispatchers and Statters, Vehicle Enumerators and Interviewers	62 48	47 40	48 79	63 40
Air Traffic Controllers Embalmers	84 65	88 83	82 76	85 75	Estimators and investigators, n.e.c. Expediters; Production Controllers	81 70	70 74	67 69	76 72
Flight Engineers Ridio Operators	89 57	83 50	76 49	91 60	File Clerks Insurance Adjusters, Examiners and Investigators	41 80	46 82	42 79	41 83
Tool Programmers, numerical control Technicians, n.e.c.	83 67	91 88	76 83	87 79	Library Attendants and Assistants Mail Carriers, Post Office	42 64	51 61	76 73	44 71
Vocational and Educational Counselors	91	99	99	92	Mail Handlers, Except Post Office Messengers, Incl. Telegraph and Office Boys	39 23	45 31	37 31	41 28
Writers, Artists and Entertainers Actors	64 54	85	92	71	Meter Readers, Utilities Office Machine Operators	46	55	50	56
Athletes and Kindred Workers Authors Dancers	89 47	47 92 40	68 97 50	56 90 40	Bookkeeping and Billing Machine Calculating Machine	51 54	60 61	50 55	47 52
Dasigners Editors and Reporters	87 89	88 91	95 95	89 86	Computer and Peripheral Equipment Duplicating Machine	63 42	76 54	76 46	67 46
Musicians and Composers Painters and Sculptors	45 81	49 71	83 89	49 77	Keypunch Tabulating Machine	60 51	65 67	60 69	49 56
Photographers Photographers Public Relations Men and Publicity Writers	69 90	57 91	56 96	75 91	Office Machine, m.e.c. Payroll and Timekeeping Clerks	42 64	50 72	42 69	44 57
Radio and Television Announcers	59 80	59 76	89 94	71 80	Postal Clerks Proofreaders	66 70	76 61	74 61	68 54 91
Writers, Artists and Entertainers, n.e.c. Research Workers, Not Specified Performent Provided Methods Performents	88 76	87 78	97 89	86 72	Real Estate Appraisers Receptionists	88 44	81 54	87 46 76	43
Professional, Technical and Kindred Workers, n.s.c.	/0	/0	07	""	Secretaries Shipping and Receiving Clerks	66 41	76 45 71	34 61	56 50 59
Hanagers and Administrators, Except Farm Assensors, Controllers and Treasurers, Local Public Administration	71 89	65 85	61 83	67 90	Statistical Clerks Stemographers Scene Cleaks and Remakanang	66 81 42	76 51	75 50	58 49
Bank Officers and Financial Managers Buyers and Shippers, Farm Products	60	46	77	65	Stock Clerks and Storekeepers Teacher Aides, Except School Monitors Teacher Aides, Except School Monitors	42 64	40 72	38 71	37 67
Buyers, Vholesale and Retail Trade Credit Men	79 81	83 75	77 74	78 80	Telegraph Operators Telephone Operators Ticket, Station and Express Agents	49 70	55 88	52 87	44 74
Funeral Directors Health Administrators	75 91	89 94	90 95	85 90	Typists	48 40	56 36	54 41	46 44
Construction Inspectors, Public Administration Inspectors, Except Construction; Public Administration	72	76	11	"	Weigners Industry Hanufacturing	67	65	60	57
Federal Public Administration and Postal Service State Public Administration	79 69	77 72	78 60	84 77	Transportation, Communications, and Other Public Utilities Kholesale and Retail Trade	65 44	76 44	68 38	61 41
Local Fublic Administration Managers and Superintendents, Building	68 61 83	79 40	88 31	74 55	Finance, Insurance and Real Estate	53 47	61 59	53 53	51 29
Office Managers, m.e.c. Officers, Pilots and Pursers, Ship Officials and Administrators; Public Administration, m.e.c.	62	85 88	84 77	81 63	Public Administration	63 51	76 41	76 39	59 41
Federal Public Administration and Postal Service State Public Administration	92 84	93 88	94 90	92 88	Clerical and Kindred Workers-Allocated	54	41 .	45	39
Local Public Administration Officials of Lodges, Societies and Unions	77 82	79 89	81 95	79 86	Craftsmen and Kindred Workers Automobile Accessories Installers	35	47	48	43
Postnasters and Mail Superintendents Purchasing Agents and Buyers, n.e.e.	78 82	73 88	76 86	78 87	Bakers	24 30	25 30	20 25	34 41
Railroad Conductors Restaurant, Cafeteria and Bar Managers	68 63	68 41	77 34	69 56	Construction Craftsmen	41	51	48	51
Sales Managers and Department Heads, Retail Trade Sales Managers, Except Retail Trade	76 92	66 91	53 93	74 94	Bulldozer Operators	35 23	52 48	42	46 34
School Administrators, College School Administrators, Elementary and Secondary	97 97	99 99	99 99	97 97		33 21	51 47	56 57	42 32 70
Managers and Administrators, n.e.c., Salaried Construction	81	81	85	81	Electricians Excavating, Grading and Road Machine Operators, Except Bulldozers	30	64 49 51	64 45 57	41
Durable Goods Manufacturing Nondurable Goods, Incl. Not Specified Manufacturing	92 90	89 83	89 83	93 92	Floor Layers, Except Tile Setters Painters, Construction and Maintenance	41 18 28	40 17	46 57	48 32
Transportation Communications, Utilities and Sanitary Services	81 86	88 88	87 88	85 88	Paperhangers Plasterers	33 57	64 65	57 64	39 42 62
Wholesale Trade Retail Trade	86	88	84	88	Roofers and Slaters	57 18 58	42 59	57	32 61
Hardware, Fars Equipment and Building Material Retailing General Merchandise Stores	76 78	79 66	79 54	82 79	Structural Metal Craftsmen Tile Setters	42 39	43 57	53 57 55	50 46
Food Stores Motor Vehicles and Accessories Retailing	70 74	51 83	42 89	70 80	Cranemen, Derrickmen and Hoistmen Decorators and Window Dressers Dental Laboratory Technicians	53 60	45 57	36 47	46 61
Gasoline Service Stations Apparel and Accessories Stores	45 81	51 72	52 69	53 77	Electric Power Lincen and Cableon Engravers, Except Photoengravers	66 46	63 45	64 47	70 50
Furniture, Home Furnishings and Equipment Stores Other Retail Trade	82 76	79 71	79 61	84 79	Foremen, n.e.c. Construction	60	61	60	62
Finance, Insurance and Real Estate Business and Repair Services	91 87	86 92	84 92	92 89	Manufacturing Metal Industries	70	64	61	71
Personal Services All Othur Industries	71 90	42 92	32 96	·62 91	Machinery, Except Electrical Electrical Machinery, Equipment and Supplies	75 78	76 64	71 58	76 78
Managers and Administrators, n.e.c., Self-Employed Construction	67	73	"	69	Transportation Equipment Other Durable Goods	77 65	76 60	72 56	77 65
Durable Goods, Manufacturing Nondurable Goods, Incl. Not Specified Manufacturing Transmonstrations	69 81	43 58	31 65	72 83	Food and Kindred Products Textiles, Textile Products and Apparel	61 50	42	50 31	63 48
Transportation Communications, Utilities and Sanitary Services Upploade Trade	65 73	73 47	75 29	67 71	Other Kondurable Goods, Incl. Not Specified Manufacturing Transportation	78 66 76	62 67	57 62	72 67
Wholesale Trade Retail Trade Hardware Fara Equipment and Building Material Resultion	76	72	64 44	78	Communications, Utilities and Sanitary Services Wholesale and Retail Trade	76 65 65	85 64 72	84 51 61	77 67 66
Hardware, Farm Equipment and Building Material Retailing General Merchandiso Stores Food Stores	73 68	.60 48	46 29	75 60	All Other Industries Furniture and Wood Finishers	05 22 44	29 23	14 48	30 46
Food Stores Motor Vehicles and Accessories Retailing Gasoline Service Stations	44 73 50	25 50 26	12 48	44	Furriers Glaziers Jacoberge Sectors and Gradars: Log and Jumber	44 50 26	43 28	48 48 19	56 36
Apparel and Accessories Stores	50 80 73	26 67 55	18 55	57 74	Inspectors, Scalers and Graders; Log and Lumber Inspectors, n.e.c. Jevelers and Katchmakers	61 49		36	66 53
Furniture, Home Furmishings and Equipment Stores Other Retail Trade Finance, Insurance and Real Estate	73 66 93	55 46 88	48 34 89	74 63	Jewelers and Watchmakers Locomotive Engineers Locomotive Firemen	69 69	69 47	48 48	69 72
Business and Repair Services	93 71_	88 79	89 79	93 75	Loconotive Firemen Nechanics and Repairmen Air Conditioning, Heating and Refrigeration	54	65	64	61

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bitchesiche 26 25 25 26 Dregenie indergene 47 35 35 Des Afficies Exters, Annellers and Temperers 47 35 35 John and Bits Exters, March Temperers 36 36 35 Distars, Metal 35 35 35 Bitsers, Metal 35 35 35 Distars, Metal 35 35 35 Distars, Metal 35 36 35 Distars, Metal 35 36 35 Distars, Metal 35 36 35 Distars, Distars, Metal 36 36 36 Distars,	Railroad and Car Shop Miscellaneous Mechanics and Repairmen Mechanics, Except Auto, Apprentices Not Specified Mechanics and Repairmen	53 52	60 62	58 58	60 58
Bookbinders 52 37 29 40 Composition and Typesting 61 44 55 46 Discomposition and Typesting 61 44 55 45 Treasmen and Flats Printers, Fining 61 45 45 45 Shoe Repairs and Letters 11 11 15 45 45 State Currers and State Gravers 60 74 45 31 Tailors 22 74 55 74 55 Trainers and Finiters, r.s.c. 35 64 42 32 64 Craftenm and Kindred Vorkers, n.s.c. 35 64 22 64 Craftenm and Kindred Vorkers, n.s.c. 35 64 22 64 Craftenm and Kindred Vorkers, n.s.c. 35 64 23 31 32 34 Descreations, Composition and Ameria 31 32 34 34 32 34 Descreation and Ameria 31 32 34 34 34 34 <td>Blacksniths Boilerankers Forgemen and Hammormen Hoat Treaters, Annealers and Temperers Job and Die Setters, Metal Machinists Millwrights Molders, Metal Pattern and Yndahlikkers, Except Paper Rollers and Finishers, Metal Sheetcatal Workers and Tinsmiths Shipfitters Tool and Die Makers Millers; Grain, Flour and Foed Notion Picture Projectionists Opticians and Lens Crinders and Polishers Fiano and Organ Tuners and Repairmen Power Station Operators</td> <td>51 42 47 50 57 60 30 70 47 52 70 14 39 52 70 14 39 62 44</td> <td>68 47 58 63 65 48 55 68 57 64 7 52 44 8 47</td> <td>56 39 56 51 55 64 8 61 62 56 41 62 56 48 48 37 43</td> <td>56 48 53 62 62 38 72 52 63 58 73 27 50 61 54</td>	Blacksniths Boilerankers Forgemen and Hammormen Hoat Treaters, Annealers and Temperers Job and Die Setters, Metal Machinists Millwrights Molders, Metal Pattern and Yndahlikkers, Except Paper Rollers and Finishers, Metal Sheetcatal Workers and Tinsmiths Shipfitters Tool and Die Makers Millers; Grain, Flour and Foed Notion Picture Projectionists Opticians and Lens Crinders and Polishers Fiano and Organ Tuners and Repairmen Power Station Operators	51 42 47 50 57 60 30 70 47 52 70 14 39 52 70 14 39 62 44	68 47 58 63 65 48 55 68 57 64 7 52 44 8 47	56 39 56 51 55 64 8 61 62 56 41 62 56 48 48 37 43	56 48 53 62 62 38 72 52 63 58 73 27 50 61 54
Asteroid Insulation Vorkers 58 44 22 61 Assemblars 21 21 23 41 Blacters and Fordermen 26 31 22 24 Blacters and Canning Operatives 21 22 41 22 41 22 41 22 41 22 41 22 41 22 41 22 41 22 41 22 41 22 41 22 41 22 43 41 42 41 42 41 42 41 42 41 42 41 42 41 42 43 41 42 43 41 42 43 41 42 43 41 42 43 43 44 44 45 45 44 45 44 45 44 45 44 45 44 45 44 45 44 45 44 45 44 45 44 45 </td <td>Bookbinders Corpositors and Typesettere Electrotypers and Stereotypers Photeongravers and Lithographers Presenen and Plate Printers, Frinting Stone Repairmen Sign Painters and Letterers Stationary Engineers Stone Cutters and Stone Carvers Tailors Telephone Installers and Repairmen Telephone Installers and Repairmen Telephone Lineteren and Splicers Upholsterers Craftsmen and Kindred Workers, n.e.c. Forter X-bers of the Workers, Allocated</td> <td>61 65 73 60 11 39 60 20 22 68 60 22 45 38</td> <td>48 45 59 48 27 30 63 28 76 29 36 36</td> <td>45 42 52 46 12 36 61 48 19 65 40 19 29 48</td> <td>64 68 75 63 18 64 33 28 74 69 33 49 42</td>	Bookbinders Corpositors and Typesettere Electrotypers and Stereotypers Photeongravers and Lithographers Presenen and Plate Printers, Frinting Stone Repairmen Sign Painters and Letterers Stationary Engineers Stone Cutters and Stone Carvers Tailors Telephone Installers and Repairmen Telephone Installers and Repairmen Telephone Lineteren and Splicers Upholsterers Craftsmen and Kindred Workers, n.e.c. Forter X-bers of the Workers, Allocated	61 65 73 60 11 39 60 20 22 68 60 22 45 38	48 45 59 48 27 30 63 28 76 29 36 36	45 42 52 46 12 36 61 48 19 65 40 19 29 48	64 68 75 63 18 64 33 28 74 69 33 49 42
Hotalvorking Operatives, Except Precision Machine 19 30 23 30 Furnacenen, Someltersen, and Pourers 35 50 49 41 Heaters, Netal 42 39 30 49 Heaters, Netal 37 43 34 45 Punch and Stamping Press Operatives 37 40 43 23 20 Nuctors and Fasteners 26 41 31 24 50 45 41 29 30 40 Wikeders and Plane Cutters 41 45 40 49 41 45 40 49 Wiking Operatives, n.e.c. 27 26 20 19 11 42 34 43 34 44 41 45 40 49 44 41 42 34 41 42 35 51 51 51 51 51 51 51 51 52 51 52 35 35 53 51 51 52 51 51 52 51 51 51 52 51 51 </td <td>Asbesto's and Insulation Workers Assemblurs Blasters and Powdermen Bottling and Canning Operatives Chainmen, Rodnen and Axnen; Surveying Checkers, Exactiners and Inspectors; Manufacturing Clothing Ironers and Pressers Cutting Operatives, n.e.c. Dressnakers and Seamstresses, Except Factory Drillers, Earth Dry Wall Installers and Lathers Dyres Garage Workers and Gas Station Attendants Graders and Sorters, Manufacturing Produce Graders and Packers, Except Factory and Farn Laundry and Drycleaning Operatives, n.e.c. Meat Cutters and Butchers, Kanufacturing Meat Cutters and Butchers, Manufacturing</td> <td>41 26 25 42 12 28 12 36 45 16 19 20 04 15 47 31</td> <td>42 31 18 31 41 19 28 23 38 46 33 16 23 10 18 26 20</td> <td>33 22 23 22 32 08 17 18 35 22 26 12 18 05 07 25 14</td> <td>41 36 22 44 47 11 33 18 44 51 29 20 17 05 14 54 33</td>	Asbesto's and Insulation Workers Assemblurs Blasters and Powdermen Bottling and Canning Operatives Chainmen, Rodnen and Axnen; Surveying Checkers, Exactiners and Inspectors; Manufacturing Clothing Ironers and Pressers Cutting Operatives, n.e.c. Dressnakers and Seamstresses, Except Factory Drillers, Earth Dry Wall Installers and Lathers Dyres Garage Workers and Gas Station Attendants Graders and Sorters, Manufacturing Produce Graders and Packers, Except Factory and Farn Laundry and Drycleaning Operatives, n.e.c. Meat Cutters and Butchers, Kanufacturing Meat Cutters and Butchers, Manufacturing	41 26 25 42 12 28 12 36 45 16 19 20 04 15 47 31	42 31 18 31 41 19 28 23 38 46 33 16 23 10 18 26 20	33 22 23 22 32 08 17 18 35 22 26 12 18 05 07 25 14	41 36 22 44 47 11 33 18 44 51 29 20 17 05 14 54 33
Coil Mining 25 47 39 35 Crude Petroleum and Matural Gas Extraction 41 34 22 48 Mining and Quarrying, Except Puel 31 54 39 42 Mixing Operatives 31 54 35 43 Oilers and Greasers, Except Nuto 31 60 44 41 Packers and Wappers, Except Nute 25 31 22 36 Photographic Process Workers 25 34 22 36 Photographic Process Workers 39 62 38 42 Dilli Prose Operatives 37 34 55 59 Trecision Machine Operatives 31 31 23 24 Salors and Deckhands 23 37 34 56 Salors and Stitchers 31 28 16 15 Stationary Firemen 38 30 20 45 Stationary Firemen 38 30 28 16 15 Stationary Firem	Metalvorking Operatives, Except Precision Machime Filers, Polishers, Sanders and Buffers Furnacemen, Smeltermen, and Pourers Heaters, Netal Metal Flaters Punch and Stamping Press Operatives Riveters and Fasteners Solderers Welders and Flame Cutters Milliners	35 42 37 37 26 26 41	30 50 39 43 40 33 41 45	23 49 30 34 30 23 31 40	30 43 49 45 40 23 29 49
Drill Press Operatives 39 42 38 42 Grinding Nachine Operatives 47 53 49 52 Lathe and Milling Machine Operatives 53 53 50 55 Precision Machine Operatives, n.e.c. 53 37 34 56 Salors and Deckhands 23 43 22 36 Savyers 08 30 19 19 Scuers and Stitchers 11 26 13 14 Shoemaking Machine Operatives 08 28 16 15 Stationary Firemen 38 30 20 45 Textile Operatives 07 31 18 17 Knitters, Loopera and Toppers 17 28 18 19 Spinners, Tvisters and Vinders 09 26 18 16 Veawers 12 38 26 22 76 Manufacturing 10 26 16 17 38 37 44	Coal Mining Crude Petroleum and Natural Gas Extraction Mining and Quarrying, Except Fuel Mixing Operatives Oilers and Greasers, Except Auto Packers and Wrappers, Except Meat and Produce Painters, Nanufactured Articles Photographic Frocess Workers	41 31 33 31 25 25	34 54 35 40 31 34	23 39 35 44 23 22	4B 42 43 41 24 36
Carding, Lapping and Combing Operatives07311817Knitters, Icopers and Toppers17281819Spinners, Twisters and Winders09261816Weavers12382622Textile Operatives, n.e.c.11291719Winding Operatives, n.e.c.50402842IndustryNanufacturing02261617Durable Goods10261617Lumber and Mood Producta, Except Furniture10261617Stone, Clay and Glass Products21332332Prinatry Metal Industries21332332Prinary Metal Industries, locies, clay and Glass Products21333232Prinary Metal Industries, locies, locies, clay and Steel Industries27402337Prinary Metal Industries, locies, locies, and Other Hardware26413332Fabricated Metal Industries, locies, and Metal Staeping23353232Mainery, Except Electrical Metal Products and Metal Staeping23332639Mathine Priducts and Metal Products33332639	Drill Press Operatives Grinding Nachine Operatives Lathe and Hilling Machine Operatives Precision Machine Operatives, n.e.c. Sailors and Deckhands Sawyers Scwers and Stitchers Shoemaking Machine Operatives Stationary Firemen	47 53 53 23 08 11 08	53 51 37 43 30 26 28	49 50 34 22 19 13 16	52 59 56 36 19 14 15
Lumber and Wood Products, Except Furniture10261419Furniture and Fixtures10261617Stone, Clay and Glass Products21383744Cement, Concrete, Gypsum and Plaster Products17242731Other Stone, Clay and Glass Products21332332Prinary Metal Industries21302332Planty Metal Industries21445651Stat Furnaces, Steel Works and Rolling and445651Finishing Mills44565151Other Prinary Iron and Steel Industries27402837Prinary Konferrous Industries, Incl. Not Specified Metal304545Cutlery, Eand Tools and Other Hardware2641333232Habricated Structural Metal Products23301834Screw Machine Products and Metal Products and Metal33332639Machinery, Except Electrical33332639	Carding, Lapping and Combing Operatives Knitters, Loopers and Toppers Spinners, Twisters and Winders Weavors Textile Operatives, n.e.c. Winding Operatives, n.e.c. Industry	17 09 12 11	28 26 38 29	18 18 26 17	19 16 22 19
Glass and Glass Products 42 38 37 44 Cement, Concrete, Gysum and Plaster Products 17 24 27 31 Other Stone, Clay and Glass Products 21 33 23 32 Prinary Metal Industries 21 33 23 32 Prinary Metal Industries 21 33 23 32 Prinary Metal Industries 21 33 23 32 Prinary Iren and Steel Industries 27 40 28 37 Prinary Nenferrous Industries, Incl. Not Specified Metal 34 35 32 Cutlery, Eand Tools and Other Hardware 26 41 33 32 Tabricated Structural Metal Products 21 30 34 44 Screw Machine Products and Metal Products 21 30 34 32 Miscellancous Fabricated Metal Products and Metal 33 33 26 39 Miscellancey Expert Electrical 33 33 26 39	Durable Goods Lumber and Wood Producta, Except Furniture Furniture and Pixtures				
Finishing Mills 44 56 51 51 Other Prinary Iren and Steel Industries 27 40 28 37 Prinary Konferrous Industries 39 40 39 45 Fabricated Metal Industries, Incl. Not Specified Metal 31 32 Cutlery, Fand Tools and Other Hardware 26 41 33 32 Fabricated Structural Metal Products 23 30 18 34 Screw Hachine Products and Metal Stamping 26 35 32 32 Miscellancous Fabricated Metal Products and Not 33 33 26 39 Nachnery, Except Electrical 33 33 26 39	Glass and Glass Products Cement, Concrete, Gypsum and Plaster Products Other Stome, Clay and Glass Products Primary Metal Industries	17	24	27	31
Fabricated Netal Industries, Incl. Hot Specified Metal 26 41 33 32 Cutlery, Kand Tools and Other Hardware 26 41 33 32 Fabricated Structural Netal Products 23 30 18 34 Screw Hachine Products and Netal Stamping 26 35 32 32 Hiscilancows Fabricated Netal Products and Not 33 33 26 39 Nachinery, Except Electrical 33 33 26 39	Finishing Mills Other Primary Iron and Steel Industries Prinary Konferrous Industries	27	40	28	37
Specified Metal 33 33 26 39 Machinery, Except Electrical	Fabricated Netal Industries, Incl. Not Specified Metal Cutlery, Eand Tools and Other Hardware Fabricated Structural Netal Products Screw Machine Products and Netal Scapping Miscellancous Fabricated Netal Products and Not	26 23 26	30 35	33 18 32	32 34 32
	Specified Metal Machinery, Except Electrical				

Construction and Material Handling Machines	<u>114</u>	<u>TF</u>	F <u>-FT</u>	TBS
	51	54	42	57
Metalworking Machinery Office and Accounting Machines and Electronic	52	41	39	54
Computing Equipment	54	50	46	50
Other Machinory, Except Electrical	43	44	41	47
Electrical Machinery, Equipment and Supplies Household Appliances	37	35	29	41
Radio, T.V. and Communication Equipment	52	56	47	46
Electrical Machinery, Equipment and Supplies, n.e.c.	40	42	32	40
Not Specified Electrical Machinery, Equipment and Supplies	45	41	29	40
Transportation Equipment Motor Vehicles and Motor Vehicle Equipment	49	56	56	52
Aircraft and Parts	53	60	57	58
Other Transportation Equipment	29	33	22	38
Professional and Photographic Equipment and Watches	50	38	27	43
Ordnance	70	57	49	46
Miscellaneous Munufacturing Industries	21	29	19	22
Durable Goods-Allocated	32	33	25	36
Nondurable Coods Food and Kindred Products				
Meat Products	20	19	13	19
Dairy Products	38	29	29	46
Canning and Preserving Fruits, Vegetables, and Seafoods	08	11	12	09
Bakery Products	24	37	30	31
Beverage Industries	41	39	35	45
Other Food and Kindred Products	21	30	23	30
Tobacco Manufacturers	18	25	17	20
Apparel and Other Fabricated Textile Products	. 12	25	12	15
Miscellaneous Fabricated Textile Products Paper and Allied Products	09	24	10	16
Fulp, Paper and Paperboard Mills	52	51	48	56
Miscellaneous Paper and Pulp Products	40	36	24	38
Paperboard Containers and Boxes	27	31	23	33
	44	37	29	41
Printing, Publishing and Allied Industries Chemicals and Allied Products Industrial Chemicals	44 60	ر 62	62	41 65
Synthetic Fibers	43	56	54	49
Scaps and Cosmetics	49	40	38	41
Other Chemicals and Allied Products	54	62	41	57
Petroleum and Coal Froducts Rubber and Miscellaneoum Plastic Products	65	62	21	68
Rubber Products	48	44	35	48
Miscellancous Plastic Products	32	33	24	29
Leather and Leather Products Tunned, Curried and Finished Leather	14	27	17	24
Footwear, Except Rubber	11	27	17	17
Leather Products, Except Footwear	14	25	10	15
Nondurable Goods-Allocated	25	26	16	24
Not Specified Manufacturing Industries	24	28	25	26
Nonmanufacturing Industries Construction	30	28	44	32
Railroads and Railway Express Service	19	25	22	32
Transportation, Except Railroads	52	27	45	57
Communications, Utilities and Sanitary Services	50	66	62	56
Wholesale Trade	20	20	20	24
Retail Trade	20	24	16	24
Business and Repair Services	29	31	31	37
Public Administration	45	51	57	51
All Other Industries	24	28	20	28
Operatives, Except Transport-Allocated	16	16	15	22
Transport Equipment Operatives Boatzen and Canilzen Bus Drivers	27 36	25 24	42 28	37 40
Conductors and Motormen, Urban Rail Transit	60	29	42	63
Deliverymen and Routemen	38	31	37	48
Fork Lift and Tow Notor Operatives	27	55	50	38
Motormen: Mine, Factory, Logging Camp, etc.	28	29	42	37
Parking Attendants	18	28	42	25
Railroad Brakemen	61	59		65
Railroad Switchmen	60	70	64	65
Taxicab Drivers and Chauffeurs	26	29	21	35
Truck Drivers Truck Drivers Transport Equipment Operative-Allocated	31 21	51 26	51 24	41 34
Laborers, Except Farm	•••		••	54
Aninal Carotakers, Except Farm	20	25	23	25
Carpenters' Helpers	06	22	20	14
Construction Laborers, Except Carpenters' Helpers	13	28	42	24
Fishermen and Oystermen	07	06		16
Freight and Aterial Handlers	25	34	26	35
Garbage Collectors	08	25	34	
Cardeners and Groundkeepers, Except Farm	06	12	17	14
Longshoremen and Stevedores	29	53	20	40
Lumbermen, Raftsmen and Woodchoppers	04	16	11	12
Stock Handlers	19	26	22	19
Teamsters	08	24	20	19
Vehicle Washers and Equipment Cleaners	10	18	16	15
Karehousenen, n.e.C. Industry	40	52	47	49
Nanufacturing Durable Goods				
Lumber and Kood Products, Except Furniture	05	16	13	13
Furniture and Fixtures	05	23	19	14
Stone, Clay and Glass Products Cement, Concrete, Gypsum and Plaster Products	16	34	25	28
Structural Clay Products	06	34	25	17
Other Stone, Clay and Glass Products	25	35	24	
Primary Metal Industries Blast Furnaces, Steel Works and Rolling and	.,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Finishing Mills	28	54	45	43
Other Primary Iron and Steel Industries	20	42	45	30
Primary Konferrous Industries	28	48	45	40
Fabricated Metal Industries, Inc. Not Specified Metal	17		15	24
Machinery, Except Electrical	28	29	45	38
Electrical Machinery, Equipment and Supplies	27	42	32	32
Transportation Equipment Motor Vehicles and Motor V Micle Equipment	29	59	41	40
Ship and Boat Building and Repairing	18	39	41 41	29
Other Transportation Equipment	21	32		32
Professional and Photographic Equipment and Watches	25	33	24	28
Ordnance	21	56	49	37
Hiscellaneous Manufacturing Industries	06	21	14	13
Manufacturing, Durable Goods-Allocated	07	32		15
Nondurable Goods Food and Kindred Products	•••			
Meat Products	16	16	17	23
Dairy Products	33	16	14	34
Canning and Preserving Fruits, Vegetables, and Seafoods	 05	12	14	10
Grain-Mill Products Beverage Industries	13 14	16 16	14 14 14	26 27
Deverage industries Other Food and Kindred Products Tobacco Manufacturers	06	21 07	14 14 16	16 11
Textile Mill Products Yarn, Thread and Fabric Mills	05	19	. 12	13
Other Textile Mill Products	06	26	13	ថ

	TH	TF	F-FT	TBS
Apparel and Other Fabricated Textile Products	08	23	14	14
Paper and Allied Products				
Pulp, Paper and Paperboard Mills Other Paper and Allied Products	38 18	23 30	35 35	49 25
Printing, Fublishing and Allied Industries Chemicals and Allied Products	18	23	16	18
	31 36	32 22	35	40 48
Petroleum and Coal Products Rubber and Miscellaneous Plastic Products	29	30	16 25	35
Lether and Lether Products	06	22	10	14
Nondurable Goods-Allocated Not Specified Manufacturing Industries	03 12	22 27	16 21	09 21
Non-anufacturing Industries	14	41	21	41
Railroads and Railway Express Service	13	29	32	26
Transportation, Except Railroads	17	31 26	54 13	28 25
Communications, Utilities and Sanitary Services Transportation, Communications, Utilities and	13	20	13	23
Sanitary Services-Allocated	03	13	-	07
Mholosale Trade Rotail Trade	07 08	11 11	13	14 10
Business and Repair Services	14	14	18	20
Personal Services	02	04	04	03
Public Administration All Other Industries	07 08	22 17	23	19 13
Laborers, Except Farm-Allocated	07	12	11	15
Farmers and Farm Managers Farmers, Comers and Tenants	19	13	13	31
Farm Managers	43	35	29	52
Farmers and Farm Managers-Allocated	09	20	16	18
Farm Laborers and Farm Foremen				
Farm Foremen	22	41	64	34
Farm Laborers, Wage Workers	02 13	03 17	03	04 15
Farm Laborers, Unpaid Family Workers Farm Service Laborers, Sel(-Employed	30	23	15	37
Farm Laborers and Farm Foremen-Allocated	01	03	01	02
Panulas Hanbara Passas Balassa Nausakald				
Service Vorkers, Except Private Nousehold Cleaning Service Workers				
Chambernaids and Maids, Except Private Household	14	10	03	05
Cleaners and Charvonen	07 10	14	06	09
Janitors and Sextons Food Service Workers	10	16	14	19
Bartenders	36	29	22	42
Bushoys Carlos Freeze Brinste Haussheld	13	11	09	12
Bushoys Conks, Except Private Household Dishwashers	13 18	11 16	09 08	12 14
Cenks, Except Private Household Dishvashers Food Counter and Fountain Workers	13 18 09 17	11 16 06 16	09 08 02 12	12 14 07 17
Corks, Except Private Household Dishusahers Food Counter and Fountain Workers Waiters	13 18 09 17 24	11 16 06 16 18	09 08 02 12 13	12 14 07 17 19
Conks, Except Private Household Dishusahers Food Counter and Fountain Workers Waiters Food Service Workers, m.e.c. Health Survice Workers	13 18 09 17	11 16 06 16	09 08 02 12	12 14 07 17 19 15
Cooks, Except Private Household Dishusahera Food Counter and Fountain Workers Waiters Food Service Workers, n.e.c. Health Survice Workers Dentai Assistants	13 18 09 17 24 16	11 16 06 16 18 16 51	09 08 02 12 13 12	12 14 07 17 19 15 41
Corks, Except Private Household Dishusahers Food Counter and Pountain Workers Waiters Food Service Workers, n.e.c. Health Survice Workers Dental Assistants Health Aides, Except Nursing	13 18 09 17 24 16 40 34	11 16 06 16 18 16 51 46	09 08 02 12 13 12 49 34	12 14 07 17 19 15 41 38
Conks, Except Private Household Dishusahers Food Counter and Fountain Workers Maicers Food Service Workers, m.e.c. Health Survice Workers Dental Assistants Health Aides, Except Nursing Health Trainees Lay Hidwives	13 18 09 17 24 16 40 34 35 20	11 16 16 18 16 51 46 43 37	09 08 02 12 13 12	12 14 07 17 19 15 41 38 42 34
Cooks, Except Private Household Dishusahers Food Counter and Fountain Workers Waiters Food Service Workers, m.e.c. Health Survice Workers Dentai Assistants Health Aides, Except Mursing Health Aides, Except Mursing Lay Hidwives Kursing Aides, Orderlies and Attendents	13 18 09 17 24 16 40 34 35 20 32	11 16 06 16 18 16 51 46 43 37 31	09 08 02 12 13 12 49 34 45 28 23	12 14 07 17 19 15
Conks, Except Private Household Dishusahers Food Counter and Pountain Workers Maiters Food Service Workers, m.e.c. Health Survice Workers Dental Assistants Health Aides, Except Nursing Health Trainees Lay Hidwives Kursing Aides, Orderlies and Attendents Practical Hurses	13 18 09 17 24 16 40 34 35 20	11 16 16 18 16 51 46 43 37	09 08 02 12 13 12	12 14 07 17 19 15 41 38 42 34
Corks, Except Private Household Dishusahers Food Counter and Pountain Workers Maiters Pood Service Workers, n.e.c. Health Survice Workers Dental Assistants Health Aides, Except Nursing Health Aides, Except Nursing Health Trainees Lay Hidwives Wursing Aides, Orderlies and Attendents Practical Nurses Personal Service Workers Aitling Stewardesses	13 18 09 17 24 16 40 34 35 20 32 43 68	11 16 06 16 18 16 51 46 43 37 31 55 90	09 08 02 12 13 12 49 34 45 28 23 46 89	12 14 07 17 19 15
Cooks, Except Private Household Dishusahers Food Counter and Fountain Workers Waiters Food Service Workers, m.e.c. Health Survice Norkers Dental Assistants Health Aides, Except Nursing Health Trainees Lay Hidwives Nursing Aides, Orderlies and Attendants Practical Nurses Personal Service Workers Aitling Stewardesses Attendants, Recreation and Amusement	13 18 09 17 24 16 40 34 35 20 32 43 68 25	11 16 16 18 16 51 46 43 37 31 55 90 22	09 08 02 12 13 12	12 14 07 17 19 15 38 42 34 28 44 69 24
Corks, Except Private Household Dishushers Food Counter and Fountain Workers Maiters Food Service Workers, n.e.c. Health Survice Workers Dental Assistants Health Aides, Except Nursing Health Aides, Except Nursing Health Trainees Lay Hidwives Wursing Aides, Orderlies and Attendents Practical Nurses Personal Service Workers Aitling Stewardesses Aitlands, Recreation and Amusement Attendants, Recreation and Amusement	13 18 09 17 24 16 40 34 35 20 32 43 68 25 27	11 16 16 18 16 51 46 43 37 31 55 90 22 32	09 08 02 12 13 12	12 14 07 17 19 15 38 42 34 28 44 69 24 31
Corks, Except Private Household Dishushers Food Counter and Pountain Workers Maicers Food Service Workers, n.e.c. Health Survice Workers Dental Assistants Health Aides, Except Nursing Health Aides, Except Nursing Health Trainees Lay Hidwives Wursing Aides, Orderlies and Attendents Practical Nurses Personal Service Workers Aitling Stewardesses Aitchants, Recrossion and Amusement Attendants, Recrossion Service, n.e.c. Bagnage Porters and Bellhops Barbers	13 18 09 17 24 16 40 34 35 20 32 43 68 25 27 24 31	11 16 06 16 18 16 51 46 43 37 31 53 90 22 32 38 37	09 08 02 12 13 12 49 34 45 28 23 46 89 37 31 31 31 34	12 14 07 17 19 15 41 38 42 34 28 44 69 24 31 30 40
Conks, Except Private Household Dishushers Food Counter and Fountain Workers Waiters Food Service Workers, m.s.c. Health Survice Workers Dental Assistants Health Ardos, Except Nursing Wealth Trainess Lay Hidwives Kursing Aides, Orderlies and Attendants Presonal Service Workers Aitrino Stewardesses Aitendants, Recroation and Amusement Attendants, Recroation and Amusement Attendan	13 18 09 17 24 16 40 34 35 20 32 43 68 25 27 24 31 33	11 16 16 18 16 51 46 43 37 31 55 90 222 38 37 27	09 08 02 12 13 12 49 34 45 28 23 46 89 37 31 31 31 34 20	12 14 07 17 19 15 41 38 42 34 28 44 69 24 31 30 40 25
Corks, Except Private Household Dishushers Food Counter and Fountain Workers Maicers Food Service Workers, n.e.c. Health Survice Workers Dental Assistants Health Aides, Except Nursing Health Aides, Except Nursing Health Trainees Lay Hidwives Wursing Aides, Orderlies and Attendents Practical Nurses Personal Service Workers Aitling Stewardesses Aitendants, Recreation and Asusement Attendants, Recreation Asusement Attendants, Recreation Service, n.e.c. Bagage Porters and Belihops Barbors Boarding and Lodging Housekeepars Boarding And Lodging Housekeepars	13 18 09 17 24 16 40 34 35 20 32 43 68 25 27 24 31	11 16 06 16 18 16 51 46 43 37 31 53 90 22 32 38 37	09 08 02 12 13 12 49 34 45 28 23 46 89 37 31 31 31 34 20 31	12 14 07 17 19 15 41 38 42 34 28 44 69 24 31 30 40
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