Measuring Occupational Prestige on the 2012 General Social Survey

Tom W. Smith

Jaesok Son

NORC at the University of Chicago

GSS Methodological Report No. 122

October, 2014

Introduction

This is the fourth in NORC's studies of occupational prestige. First, the North-Hatt study was conducted in 1947. Second, the Hodge-Siegel-Rossi (HSR) studies were carried out in 1963-1965. Third, the 1989 General Social Survey (GSS) replicated and extended the HSR studies. Finally, the HSR studies were again replicated and extended on the 2012 GSS. Each study measured occupational prestige for a large number of occupations on a nationally-representative sample of adults in the United States. For the studies from the 1960s onward, a key goal was to measure the occupational prestige of a sufficiently large number of occupations to allow the calculation of occupational prestige for each occupational code in the latest US Census occupational codes (respectively those used in 1960, 1980, and 2010).

Samples

The occupational prestige module was administered to the 2008 GSS reinterview panel in 2012. Of the 1295 respondents, 205 could not do the task because they were interviewed on the phone and 89 gave either Don't Knows (11) or No Answers (78) to all occupations. The all No Answers cases included mostly respondents who declined to do the task, but also some who were illiterate, had impaired sight, and cases that had been reassigned to a new interviewer but the occupational prestige packet had not been transferred to the new interviewer before the interview was completed. That left 1001 respondents rating at least some occupations. Some occupations (20) were administered to all respondents, but most (840) appeared in only one of 12 sub-samples (see Table 1).

In addition to the across-the-board missing data, there were item-specific, missing data. For the 20 core occupations these ranged from 0.3% to 1.9% with a median level of 1.0%. For the 840 sub-set occupations item non-response ranged from 0.0% to 23.7%. The occupations with the highest item-specific, missing data levels were:

Skycap	23.7%
Lathe operator	21.6%
Logistics planner	19.1%
Electrolysis operator	18.2%
Ore train motorman	18.2%
Seed analyst	17.6%
Loom fixer in a textile mill	17.1%
Milling machine operator	17.1%
Sandfill operator in a mine	17.1%
Skip-hoist operator	16.3%
Aide to a land survey crew	15.9%
Computer tape librarian	15.9%
Die grinder	15.4%

The item-missing data pushes the sample size down to as low as 58 (for skycap) and to under 70 for about 27 of 860 occupations.

Rating Procedure

The same procedure to rate occupations was utilized in 2012 as in 1989 on the GSS (Nakao, Hodge, and Teas, 1990; Nakao and Treas, 1990; Nakao and Treas, 1992) and in 1963-1965 in the previous NORC occupational prestige studies (Nakao, Hodge, and Treas, 1990; Siegel, 1971). An "occupational prestige ladder" (actually a series of nine stacked boxes in a vertical column) was laid down in front of the respondent. The boxes were labelled from 1 to 9 and box 1 was also labelled as "BOTTOM," box 5 as "MIDDLE," and box 9 as "TOP." Respondents then were given 90 small cards which each had a single occupational titles listed on it. Cards were in English or Spanish. They were given one card at a time in the preordained order. The interviewer then asked the respondent to "please put the card in the box at the top of the ladder if you think that occupation has the highest possible social standing. Put it in the box of the bottom of the ladder if you think it has the lowest possible social standing. If it belongs somewhere in between, just put it in the box that matches the social standing of the occupation." Both during the placing of the occupational cards and after the task was completed, respondents were told that they could change the placement of an occupation by moving it to a different box. In addition, to the 1-9 ratings on the ladder, occupations that the respondent could not place (usually because they were unfamiliar with the occupation) could be placed to the side and not rated. The occupational cards were then placed by the interviewer into numbered envelopes 1 through 9 matching the boxes on the occupational prestige ladder or in a 10th envelope labelled Don't Know for unratable occupations which were coded as 98 or in an 11th envelope labelled Missing for occupations that were not rated due to break-offs or some other reason. The last envelop was rarely used. The interviewer then placed the 11 envelopes into a large envelope which had the respondent's case ID preprinted on it and the subsample number (1-12) that had been administered. (For the full CAPI questionnaire, see Appendix 1: CAPI Instrument.)

Occupations Rated

A total of 860 occupations were rated. Twenty were core occupations asked of all respondents. The remaining 840 occupation were divided into 12 sub-sets (OCCSAMP) of 70 each and administered to a single sub-sample. Thus all respondents were to rate 90 occupations. Appendix 2: Rated Occupations lists the 20 core occupations asked of all and the additional 70 occupations asked in each sub-sample.

Occupations were selected to cover all 539 occupations (including 4 military codes) in the 2010 Census occupational classification. Of the 860 occupations, 851 were chosen to match specific 2010 occupation codes. The other nine were from titles used in previous occupational prestige studies that could not readily be coded into 2010 Census occupation codes:

Street Corner Drug Dealer My Own Occupation Panhandler Supervisor of Skilled Craftsmen Unskilled Worker in a Factory Apprentice to a Master Craftsman Semi-Skilled Worker

Businessman Skilled Craftsman in a Factory

Two (Street Corner Drug Dealer and Panhandler) were not recognized occupations, My Own Occupation of course differed across respondents, and the other six were generally too broad to be codeable.

Four main criteria were used in selecting titles for an occupation code: 1) the occupation or occupations well represented the range of occupations that fell into the Census category, 2) more common occupations rather than rarer occupations within the category were preferred, 3) the occupation would be recognized by as many people as possible, and 4) the occupation was used in past occupational studies and was still appropriate presently. Categories that had more titles were those that covered a larger and/or more varied range of constituent occupations.

As Table 2 indicates, most Census occupational codes (63%) were covered by a single occupational title. The rest had two or more occupational titles per Census code with 1% of codes covered by seven or more occupational titles. The occupational titles that were used for each Census code is shown in Appendix 3: Occupational Titles by Census Codes.

Evaluating Occupational Ratings

In addition to examining the general and item-specific non-response above, several other ratings issues were examined. First, the issue of straight lining or limited choice of response options was considered. As Table 3 indicates, there were nine cases in which all occupations were given the same rank. (This excludes cases with missing values for all occupations.) Of these, five had the mid-point value 5 assigned to all occupations. The other four cases either assigned 1 or 2 (the lowest two scores) to all occupations. There was one case that used two ranks - almost all were assigned to 1. There were 8 cases using three ranks. Most spread the values around from Low to middle to high (e.g. 5,6,7; 1,5,9; 2,5,8; 2,4,8, 1,5,8). It was speculated that the five straight liners selecting 5 might have been indicating that they thought of all occupations equally and did not acknowledge a hierarchy. For the five cases using basically 1s or 2s, a meaningful interpretation is harder to discern, but it may be noteworthy that 1 was the rank closest to the respondent (i.e. as typically placed the 1 rank for the respondent would have been nearest to the respondent and the 9 rank the furthest away). Those selecting three ranks generally seemed to be assigning occupations on the scale, but were perhaps simplifying the task by only using three ranks.

Second, the possibility of flipped or reversed scoring was examined. Eleven cases were identified as possibly representing reversed cases. On the social-standing ladder, occupational prestige ran from 1 for bottom to 9 for top. Reversed cases were defined as those in which the scales were flipped and 9 was used to designate the bottom and 1 the top. There were three ways this could have happen. First, respondents could have reversed the scales and thought that 9 was the lowest rank and 1 was the top rank. Second, the interviewer when placing the cards in the nine numbered envelopes could have reversed the process and put 9s in the one envelope, 1s in the nine envelopes and so forth. Finally, coders when removing the occupational title cards from the envelopes could have reversed scores so 9s were entered as 1s, 1s entered as 9s, and so forth. None of these reversals were likely as interviewers had received detailed training on administering this procedure, but all were possible and based on experiences from past rounds it was expected that some would occur. Using the 20 core occupations that were to be rated by all respondents, the first step was to compare the ratings of the three

occupations with the highest mean prestige (Banker, Lawyer, and Department Head in a State Government) and the three with lowest mean prestige (Janitor, Telephone Solicitor, Housekeeper in a Private Home). 77.2% of cases rated the high prestige occupations in the top half of the scale and low prestige occupations in the bottom half of the scale, 8.0% rated all six occupations in the lower half, 9.2% rated all in the top half, and 5.6% rated the low prestige occupations in the top and the high prestige occupations in the bottom (the reverse of how most people placed these occupations). Next, the central clustering of occupations among those respondents rating the top occupations high and the bottom occupations low was identified. These represented 45.4% of the 77.2% of cases in the main quadrant. Then looking at the reversed quadrant, there were 12 cases with corresponding, but reversed values. To test whether these were consistent reversals, three moderately higher ranked occupations from the core (Musician in a Symphony Orchestra, Medical Technician, Public Grade School Teacher) and three moderately lower ranked occupations (Assembly Line Worker, Bartender, Bus Driver) were then examined for the 12 cases identified as possible reversals. Of these, 11 rated these six moderatelyhigher/lower occupations in a way consistent with them being possible reversals. The other case showed an inconsistent pattern. So these 11 cases are considered a possible, even probably reversals. They are flagged by the variable POSOCCRV in the dataset.

However, there is no definitive evidence that these were reverse scored for one of the three possible unintentional reasons delineated above. Some could be substantive or intentional reversals in which respondents meant to rank traditionally-highly-rated occupations towards the bottom and traditionally-lowly-rated occupations near the top. These would not count as reversals in our meaning of the term. Moreover, there could be other cases that were mechanically reversed, but were not identified by this particular diagnostic approach.

Summary

The 2012 GSS occupational prestige study will be used in several ways. First, those occupational titles used in 2012 that were rated in the 1963-65 and/or 1989 can be utilized to study changes in the social standing of those specific occupations. Core occupations asked of all respondents would be most suitable for such analysis. Second, an occupational prestige variable (PRESTG10), based on the 2010 Census classification of occupations (OCC10), will be created. It will be parallel to GSS variables PRESTIGE, based on the 1970 Census codes (OCC) and the 1963-1965 HSR studies, and PRESTG80, based on the 1980 Census codes (OCC80) and 1989 GSS prestige study. Similar occupational prestige variables will be created for the 2010 occupational variables for mother, father, and spouse (MAOCC10, PAOCC10, SPOCC10). Finally, the new occupational prestige variables will be used to create socio-economic index (SEI) variables for respondents, mothers, fathers, and spouses parallel to the existing SEI variables for earlier occupational codes (SEI,MASEI,PASEI,SPSEI).

Table 1

Distribution of Cases across Sub-samples

Sub-Sample	Original Sample	Completed Cases	Rated Occupational Prestige
1	132	121	89
2	132	102	76
3	132	119	96
4	132	106	86
5	132	110	79
6	132	102	81
7	132	113	86
8	132	106	79
9	132	111	87
10	131	102	83
11	131	100	74
12	131	103	85
Total	1581	1295	1001

Table 2

Number of Occupational Titles Co	vering a Census O	Occupational Category
----------------------------------	-------------------	-----------------------

1	339
2	143
3	32
4	13
5	3
6	3
7+	6
	539

Table 3

Number of Valid Ratings (1-9) Used

1	9
2	1
3	8
4	12
5	34
6	65
7	125
8	224
9	524

References

Nakao, Keiko; Hodge, Robert W.; and Treas, Judith, "On Revisiting Prestige Scores for All Occupations," GSS Methodological Report 69. Chicago: NORC, 1990.

Nakao, Keiko and Treas, Judith, "Computing 1989 Prestige Scores," GSS Methodological Report 70. Chicago: NORC. 1990.

Nakao, Keiko and Treas, Judith, "The 1989 Socioeconomic Index of Occupations: Construction from the 1989 Occupational Prestige Scores," GSS Methodological Report 74. Chicago: NORC, 1992.

Siegel, P.M. 1971. Prestige in the American Occupational Structure. Ph.D. dissertation, Department of Sociology, University of Chicago.

Appendix 1: CAPI Instrument

SAQMODE3: Categorical (Single)

INTERVIEWER: IS THIS CASE BEING COMPLETED IN PERSON OR OVER THE PHONE?

Categories:

{in_person}

IN PERSON

{on_phone}

OVER THE PHONE

If SAQMODE3={in_person} Then

R2: Info

FI INSTRUCTION: SELECT THE SET OF OCCUPATIONAL CARDS THAT MATCHES THE RESPONDENT'S CASE INFORMATION. THE RESPONDENT IS IN SUBSAMPLE {response to OCCPSAMP}.

SET UP OCCUPATIONAL PRESTIGE LADDER AND BEGIN.

Now let's talk about jobs. Here is a ladder with nine boxes on it, and a card with the name of an occupation on it.

FI INSTRUCTION: HAND FIRST CARD FROM "OCCUPATIONS" STACK TO RESPONDENT.

R3: Info

Please put the card in the box at the top of the ladder if you think that occupation has the highest possible social standing.

Put it in the box at the bottom of the ladder if you think it has the lowest possible social standing. MDDtoDOC - BALLOT3 2008 English - Page 198 of 237

If it belongs somewhere in between, just put it in the box that matches the social standing of the occupation.

FI INSTRUCTION: OBSERVE THE RESPONDENT'S PLACEMENT OF THE CARD. IF HE IS UNCERTAIN AS TO HOW TO PERFORM THE TASK, EXPLAIN IT AGAIN, REMAINING CLOSE TO THE WORDING ABOVE. AFTER HE HAS SUCCESSFULLY PLACED THE FIRST CARD, CONTINUE.

R4: Info

Here are some more cards with names of occupations.

FI INSTRUCTION: HAND RESPONDENT CARDS FOR "OCCUPATION" QUESTIONS.

Just put them on the ladder in the boxes that match the social standing they have.

If you want to, you can change your mind about where an occupation belongs, and move its card to a different box.

FI INSTRUCTION: CONTINUE ONLY WHEN THE RESPONDENT HAS COMPLETED PLACING THE ENITRE DECK OF OCCUPATION CARDS.

R5: Info

Would you like to change the placement of any occupation, or place a card which you couldn't place earlier?

FI INSTRUCTION: ENCOURAGE RESPONDENT TO REVIEW THE ENTIRE ARRAY OF OCCUPATIONS AGAIN TO MAKE CERTAIN S/HE HAS PLACED EACH ONE WHERE S/HE WANTS IT – EVEN TO THE POINT OF GOING THROUGH EACH PILE AGAIN IF S/HE SO WISHES.

R6: Categorical (Single)

HAVE YOUR ENVELOPES NUMBERED "1" THROUGH "9" AND "DK" READY.

RECORD BELOW THE BOXES INTO WHICH RESPONDENT PLACES ANY CARDS. CHECK AS MANY AS APPLY. RESPONDENT PUT SOME CARDS IN BOX NUMBER:

Categories:

{BOX1}1

{BOX2}2

{BOX3}3

{BOX4}4

{BOX5}5

{BOX6}6

{BOX7}7

{BOX8}8 {BOX9}9

{dontknow}DON'T KNOW

{refused}REFUSED

OCCPBXES: Long [0 .. 9] MDDtoDOC - BALLOT3 2008 English Page 199 of 237

ALTOGETHER HE USED _____ BOXES.

FI INSTRUCTION: DO NOT COUNT CARDS WHICH THE RESPONDENT COULD NOT PLACE ON THE LADDER. ENTER NUMBER OF BOXES USED:

If OCCPBXES<>R6.AnswerCount() Then

OCCPBXES.Errors.AddNew("err", "THE NUMBER OF BOXES REPORTED IN THE LAST SCREEN DOES NOT MATCH THE NUMBER OF BOXES CHECKED IN THE PRECEDING SCREEN. PLEASE GO BACK AND CORRECT YOUR ANSWERS.")

GoTo OCCPBXES

End If

R8: Info

PLACE CARDS WHICH RESPONDENT PUT IN BOX 1 INTO ENVELOPE 1, THOSE HE PUT IN BOX 2 INTO ENVELOPE 2, AND SO FORTH.

PUT INTO "DK" ENVELOPE THOSE OCCUPATIONS WHICH RESPONDENT COULD NOT PLACE ON THE LADDER.

R9: Info

THERE MAY BE SOME CARDS FOR WHICH THERE WAS AN ERROR OF SOME KIND, THAT HAVE NOT BEEN PLACED INTO ENVELOPES 1-9 OR "DK". FOR EXAMPLE, CARDS THAT WERE NOT ABLE TO BE RATED DUE TO BREAKOFF OR THE OCCUPATIONAL CARD SET BEING INCOMPLETE.

PUT THESE CARDS INTO YOUR "MISSING" ENVELOPE.

End If

End If

ETIMER=SetTime(ETIMER)

ETIMER_d=Now()

ElapsedTimeR=CalcTime(ElapsedTimeR,btimeR,btimeR_d,etimeR_d)

* Note: Shaded occupation titles indicate core 20 occupations. Numbers denote subsets that included particular occupations. Numbers in the last column are mean ranking values.

Occupation Titles123456789101112MeanAccountant1234567891011125.7Actor555.55.5Actuary for an Insurance Company-3-65-4.5Addressing-Machine Operator14.5Addressing-Machine Operator2114.1Advertising Salesman4.5Advertising Salesman4.5Agricultural Research Director </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th><u>S</u>ι</th> <th>ubse</th> <th>ets</th> <th></th> <th></th> <th></th> <th></th> <th></th>							<u>S</u> ι	ubse	ets					
Actor55.7Actress65.5Actruy for an Insurance Company35.0Acupuncturist14.5Addressing-Machine Operator113.5Administrative Assistant24.8Advertising Salesman114.1Aerobics Instructor83.9Aeronautical Engineer86.9Agricultural Fruit Inspector for Insect Control95.2Agricultural Research Director56.0Agricultural Research Engineer46.3Aide on a Land Survey Crew13.7Air Conditioning Mechanic114.6Airraft Electrician25.7Aircraft Riveter64.6Airline Flight Engineer36.2Airline Flight Engineer36.2Airline Flight Electrician25.7Aircraft Riveter64.6Airline Flight Engineer36.2Airline Flight Engineer36.2Airline Flight Electrician25.5Airline Flight Engineer35.5Airline Flight Engineer35.5Airline Refueler64.6Airline Refueler64.6Airline Refueler93.3Airline Refueler93.3Airline Refueler64.6Airline Refueler64.6Airline Refueler64.6Airline Refueler93.3Airline Refue	Occupation Titles	1	2	3	4	5	6	7	8	9	10	11	12	Mean
Actress65.5Actuary for an insurance Company35.0Acupuncturist14.5Addressing-Machine Operator113.5Advertising Executive25.4Advertising Executive25.4Advertising Salesman14.1Aeronautical Engineer83.9Agricultural Fruit Inspector for Insect Control95.2Agricultural Research Director56.0Agricultural Research Engineer46.3Aide on a Land Survey Crew13.7Air Conditioning Mechanic74.6Airtine flight Engineer64.6Airtine flight Engineer36.2Airtine flight Engineer36.2Airtine Refueler64.6Airline Right Engineer35.5Airtine Right Engineer35.5Airtine Refueler64.6Airline Right Engineer35.5Airline Right Engineer35.5Airline Right Engineer35.5Airline Right Engineer35.5Airline Right Engineer4.6Airline Right Engineer64.6Airline Right Engineer74.6Airline Right Engineer84.6Airline Right Engineer84.6Airline Right Engineer65.5Airline Right Engineer93.3Airline Right Engineer84.6Airline Right Engineer <td< td=""><td>Accountant</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>5.7</td></td<>	Accountant	1	2	3	4	5	6	7	8	9	10	11	12	5.7
Actuary for an Insurance Company 3 5.0 Acupuncturist 1 4.5 Addressing-Machine Operator 11 3.5 Administrative Assistant 2 4.8 Advertising Salesman 11 4.1 Aerobics Instructor 8 3.9 Aeronautical Engineer 8 6.9 Agricultural Research Director for Insect Control 9 5.2 Agricultural Research Engineer 4 6.3 Aide on a Land Survey Crew 1 4.6 Air Conditioning Mechanic 11 4.6 Airtine flight attendant 7 4.6 Airtine flight Engineer 3 6.2 Airtine Flight Engineer 3 6.2 Airtine flight Attendant 7 4.6 Airtine Flight Engineer 3 5.5 Airplane Mechanic 3 5.5 Airplane Mechanic 8 4.8 Airline Flight Engineer 3 5.5 Airline Flight Engineer 3 5.5 Airline Flight Engineer 8 4.6 Airline Flight	Actor					5								5.7
Acupuncturist 1 4.5 Addressing-Machine Operator 11 3.5 Administrative Assistant 2 4.8 Advertising Executive 2 5.4 Advertising Salesman 11 4.1 Aerobics Instructor 8 3.9 Aeronautical Engineer 8 6.9 Agricultural Fruit Inspector for Insect Control 9 5.2 Agricultural Research Director 5 6.0 Aide on a Land Survey Crew 1 4.6 Air Conditioning Mechanic 11 4.6 Airraff Electrician 2 5.7 Airraft Riveter 6 6.2 Airline Flight Engineer 3 5.5 Airport Security Screener 10 4.0 Airline Flight Engineer 8 4.6 Airline Flight Engineer <td>Actress</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5.5</td>	Actress						6							5.5
Addressing-Machine Operator 11 3.5 Administrative Assistant 2 4.8 Advertising Executive 2 5.4 Advertising Salesman 11 4.1 Aerobics Instructor 8 3.9 Aeronautical Engineer 8 6.9 Agricultural Fruit Inspector for Insect Control 9 5.2 Agricultural Research Engineer 4 6.3 Aide on a Land Survey Crew 1 3.7 Air Conditioning Mechanic 11 4.6 Air Traffic Controller 6 6.2 Aircraft Electrician 2 5.7 Aircraft Riveter 6 4.6 Airline flight attendant 7 4.6 Airline Flight Engineer 3 6.2 Airline Flight Regener 6 4.6 Airline Refueler 6 4.6 Airline Refueler 3 5.5 Airport Security Screener 10 4.1 Animal Nether Worker 10 4.1 Animal Nether Worker 9 3.3 Animal Nether Worker <td< td=""><td>Actuary for an Insurance Company</td><td></td><td></td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5.0</td></td<>	Actuary for an Insurance Company			3										5.0
Administrative Assistant24.8Advertising Executive25.4Advertising Salesman114.1Aerobics Instructor83.9Aeronautical Engineer86.9Agricultural Fruit Inspector for Insect Control95.2Agricultural Research Director56.0Agricultural Research Engineer46.3Aide on a Land Survey Crew13.7Air Conditioning Mechanic114.6Air Craft Electrician25.7Aircraft Riveter64.6Airline flight attendant74.6Airline Flight Engineer36.2Airline Flight Engineer36.2Airline Flight Engineer35.5Airline Flight Engineer35.5Airline Flight Engineer64.6Airline Flight Engineer35.5Airline Refueler64.6Airline Refueler74.6Airline Right Attendant25.5Airline Ticket Agent24.0Airline Right Refueler64.1Ambulance Driver93.3Animal Trapper93.3Animal Trapper65.5Apprentice Electrician55.5Apprentice Fleutreit55.5Apprentice Fleutreit55.5Apprentice Plumber74.3Animal Trapper65.5Apprentice Fleutreit55.5 <td>Acupuncturist</td> <td>1</td> <td></td> <td>4.5</td>	Acupuncturist	1												4.5
Advertising Executive25.4Advertising Salesman111Aerobics Instructor83.9Aeronautical Engineer86.9Agricultural Fruit Inspector for Insect Control95.2Agricultural Research Director56.0Agricultural Research Engineer46.3Aide on a Land Survey Crew13.7Air Conditioning Mechanic13.7Air Conditioning Mechanic25.1Airraft Electrician25.7Aircraft Riveter64.6Airline Flight Engineer36.2Airline Flight Engineer36.2Airline Right Attendant74.6Airline Right Engineer36.2Airline Right Engineer35.5Airline Right Engineer34.6Airline Right Engineer64.6Airline Right Engineer35.5Airline R	Addressing-Machine Operator											11		3.5
Advertising Salesman 11 4.1 Aerobics Instructor 8 3.9 Aeronautical Engineer 8 6.9 Agricultural Fruit Inspector for Insect Control 9 5.2 Agricultural Research Director 5 6.0 Agricultural Research Engineer 4 6.3 Aide on a Land Survey Crew 1 3.7 Air Conditioning Mechanic 11 4.6 Air Traffic Controller 6 6.2 Air Craft Electrician 2 5.7 Aircraft Riveter 6 4.6 Airline Flight Engineer 3 6.2 Airline Flight Engineer 3 6.2 Airline Flight Engineer 3 4.6 Airline Flight Engineer 3 4.6 Airline Flight Engineer 3 5.5 Airline Refueler 6 4.6 Airline Refueler 6 4.0 Airline Ticket Agent 2 4.0 Airline Ticket Agent 2 4.0 Animal Shelter Worker 9 3.3 Animal-Control Officer <td< td=""><td>Administrative Assistant</td><td></td><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4.8</td></td<>	Administrative Assistant		2											4.8
Aerobics Instructor 8 3.9 Aeronautical Engineer 8 6.9 Agricultural Fruit Inspector for Insect Control 9 5.2 Agricultural Research Director 5 6.0 Agricultural Research Engineer 4 6.3 Aide on a Land Survey Crew 1 3.7 Air Conditioning Mechanic 11 4.6 Air Traffic Controller 6 6.2 Aircraft Electrician 2 5.7 Aircraft Riveter 6 4.6 Airline flight attendant 7 4.6 Airline Flight Engineer 3 6.2 Airline Flight Engineer 3 6.2 Airline Flight Segnet 6 4.6 Airline Flight Engineer 3 6.2 Airline Flight Segnet 6 4.6 Airline Refueler 6 4.6 Airline Refueler 9 3.3 Airline Ticket Agent 2 4.0 Airline Ticket Agent 2 4.0 Airline Trapper 9 3.3 Animal Shelter Worker 10	Advertising Executive		2											5.4
Aeronautical Engineer86.9Agricultural Fruit Inspector for Insect Control95.2Agricultural Research Director56.0Agricultural Research Engineer46.3Aide on a Land Survey Crew13.7Air Conditioning Mechanic14.6Air Taffic Controller66.2Aircraft Electrician25.7Aircraft Riveter64.6Airline Flight Engineer36.2Airline Flight Engineer36.2Airline Flight Engineer36.2Airline Pilot56.6Airline Refueler64.6Airline Refueler64.6Airline Ticket Agent24.0Airline Ticket Agent24.0Airline Ticket Agent35.5Airport Security Screener104.1Animal Shelter Worker93.3Animal-Control Officer64.5Apprentice Electrician55.5Apprentice Electrician74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Advertising Salesman											11		4.1
Agricultural Fruit Inspector for Insect Control95.2Agricultural Research Director56.0Agricultural Research Engineer46.3Aide on a Land Survey Crew13.7Air Conditioning Mechanic14.6Air Traffic Controller66.2Aircraft Electrician25.7Aircraft Riveter64.6Airline Flight attendant74.6Airline Flight Engineer36Airline Flight Engineer84.8Airline Refueler64.6Airline Refueler64.6Airline Refueler56.6Airline Ticket Agent24.0Airline Ticket Agent35.5Airport Security Screener104.1Animal Shelter Worker93.3Animal-Control Officer65.5App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith44	Aerobics Instructor								8					3.9
Agricultural Research Engineer 5 6.0 Agricultural Research Engineer 4 6.3 Aide on a Land Survey Crew 1 3.7 Air Conditioning Mechanic 11 4.6 Air Traffic Controller 6 6.2 Aircraft Electrician 2 5.7 Aircraft Riveter 6 4.6 Airline flight attendant 7 4.6 Airline Flight Engineer 3 6 Airline Flight Agent 5 6.6 Airline Pilot 5 6.6 Airline Pilot 5 6.6 Airline Pilot 5 6.6 Airline Pilot 5 6.6 Airline Refueler 6 4.6 Airline Ticket Agent 2 4.0 Airlord Scentry Screener 12 4.6 Animal Shelter Worker 10 4.1 Animal Shelter Worker 9 3.3 Animal-Control Officer 6 4.6 App Designer 7 4.3 App Designer 6 5.5 Apprentice Plumb	Aeronautical Engineer								8					6.9
Agricultural Research Engineer 4 6.3 Aide on a Land Survey Crew 1 3.7 Air Conditioning Mechanic 11 4.6 Air Traffic Controller 6 6.2 Aircraft Electrician 2 5.7 Aircraft Riveter 6 4.6 Airline flight attendant 7 4.6 Airline Flight Engineer 3 6.2 Airline Flight Engineer 3 6.2 Airline Flight Engineer 3 6.2 Airline Refueler 6 4.6 Airline Refueler 6 4.6 Airline Refueler 6 4.6 Airline Ticket Agent 2 4.0 Airline Ticket Agent 9 3.3 Animal Shelter Worker 10 4.1 A	Agricultural Fruit Inspector for Insect Control									9				5.2
Aide on a Land Survey Crew 1 3.7 Air conditioning Mechanic 11 4.6 Air Traffic Controller 6 6.2 Aircraft Electrician 2 5.7 Aircraft Riveter 6 4.6 Airline flight attendant 7 4.6 Airline Flight Engineer 3 6.2 Airline Flight Engineer 3 6.2 Airline Refueler 6 4.6 Airline Refueler 6 4.6 Airline Nechanic 3 4.6 Airline Ticket Agent 2 4.0 Airlina Shelter Worker 12 4.4 Anbulance Driver 8 4.6 Animal Trapper 9 3.3 Animal-Control Officer 6 4.1 App Designer 6 5.5 Apprentice Electrician 5 4.6 Apprentice Sheet Metalsmith 4 3.8	Agricultural Research Director					5								6.0
Air Conditioning Mechanic 11 4.6 Air Traffic Controller 6 6.2 Aircraft Electrician 2 5.7 Aircraft Riveter 6 4.6 Airline flight attendant 7 4.6 Airline Flight Engineer 3 6.2 Airline Flight Engineer 3 6.2 Airline Refueler 6 6.2 Airline Refueler 6 4.6 Airline Nechanic 3 4.6 Airline Steet Agent 2 4.0 Airline Nechanic 3 5.5 Airport Security Screener 12 4.4 Ambulance Driver 8 4.6 Animal Trapper 9 3.3 3.3 Animal-Control Officer 6 4.1 App Designer 6 5.5 Apprentice Electrician 5 4.6 Apprentice Sheet Metalsmith 4 3.3	Agricultural Research Engineer				4									6.3
Air Traffic Controller66.2Aircraft Electrician25.7Aircraft Riveter64.6Airline flight attendant74.6Airline Flight Engineer36.2Airline Ground Crew Chief84.8Airline Pilot56.6Airline Refueler64.6Airline Refueler64.6Airline Refueler64.6Airline Nechanic35.5Airport Security Screener104.1Animal Shelter Worker93.3Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer54.6Apprentice Electrician54.6Apprentice Sheet Metalsmith43.8	Aide on a Land Survey Crew	1												3.7
Aircraft Electrician25.7Aircraft Riveter64.6Airline flight attendant74.6Airline Flight Engineer36.2Airline Ground Crew Chief84.8Airline Pilot56.6Airline Refueler64.6Airline Refueler64.6Airline Nechanic35.5Airport Security Screener35.5Airport Security Screener104.1Animal Shelter Worker93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Air Conditioning Mechanic											11		4.6
Aircraft Riveter64.6Airline flight attendant74.6Airline Flight Engineer36.2Airline Ground Crew Chief84.8Airline Pilot56.6Airline Refueler64.6Airline Refueler64.6Airline Ticket Agent24.0Airplane Mechanic35.5Airport Security Screener104.1Animal Shelter Worker93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Sheet Metalsmith43.8	Air Traffic Controller						6							6.2
Airline flight attendant74.6Airline Flight Engineer36.2Airline Ground Crew Chief84.8Airline Pilot56.6Airline Refueler64.6Airline Ticket Agent24.0Airplane Mechanic35.5Airport Security Screener124.4Ambulance Driver84.6Animal Shelter Worker104.1Animal Trapper93.3Animal-Control Officer64.1App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Aircraft Electrician		2											5.7
Airline Flight Engineer36.2Airline Ground Crew Chief84.8Airline Pilot56.6Airline Refueler64.6Airline Ticket Agent24.0Airplane Mechanic35.5Airport Security Screener35.5Airmal Shelter Worker104.1Animal Control Officer64.1App Designer65.5Apprentice Electrician54.6Apprentice Sheet Metalsmith43.8	Aircraft Riveter						6							4.6
Airline Grow Chief84.8Airline Pilot56.6Airline Refueler64.6Airline Ticket Agent24.0Airplane Mechanic35.5Airport Security Screener124.4Ambulance Driver84.6Animal Shelter Worker104.1Animal-Control Officer64.1Apartment Building Manager74.3App Designer55.5Apprentice Electrician512Apprentice Sheet Metalsmith43.8	Airline flight attendant							7						4.6
Airline Pilot56.6Airline Refueler64.6Airline Ticket Agent24.0Airplane Mechanic35.5Airport Security Screener35.5Airbulance Driver84.6Animal Shelter Worker104.1Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Sheet Metalsmith43.8	Airline Flight Engineer			3										6.2
Airline Refueler64.6Airline Ticket Agent24.0Airplane Mechanic35.5Airport Security Screener35.5Ambulance Driver84.6Animal Shelter Worker104.1Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Airline Ground Crew Chief								8					4.8
Airline Ticket Agent24.0Airplane Mechanic35.5Airport Security Screener124.4Ambulance Driver84.6Animal Shelter Worker104.1Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3Apprentice Electrician54.6Apprentice Flumber124.3Apprentice Sheet Metalsmith43.8	Airline Pilot					5								6.6
Airplane Mechanic35.5Airport Security Screener124.4Ambulance Driver84.6Animal Shelter Worker104.1Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Airline Refueler						6							4.6
Airport Security Screener124.4Ambulance Driver84.6Animal Shelter Worker104.1Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Airline Ticket Agent		2											4.0
Ambulance Driver84.6Animal Shelter Worker104.1Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Airplane Mechanic			3										5.5
Animal Shelter Worker104.1Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Airport Security Screener												12	4.4
Animal Trapper93.3Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Ambulance Driver								8					4.6
Animal-Control Officer64.1Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Animal Shelter Worker										10			4.1
Apartment Building Manager74.3App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Animal Trapper									9				3.3
App Designer65.5Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Animal-Control Officer						6							4.1
Apprentice Electrician54.6Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	Apartment Building Manager							7						4.3
Apprentice Plumber124.3Apprentice Sheet Metalsmith43.8	App Designer						6							5.5
Apprentice Sheet Metalsmith43.8	Apprentice Electrician					5								4.6
•••	Apprentice Plumber												12	4.3
Apprentice to a Machinist24.0	Apprentice Sheet Metalsmith				4									3.8
	Apprentice to a Machinist		2											4.0

Apprentice to a Master Craftsman								8					4.1
Architect						6							6.7
Army Private					5								4.9
Artificial Limb Fitter					5								5.4
Assembly Line Worker	1	2	3	4	5	6	7	8	9	10	11	12	3.7
Astronaut				4									7.4
Attendant in an Ice-Skating Rink									9				2.6
Auctioneer		2											3.9
Author										10			6.3
Auto Wrecker			3										3.2
Autobody Repairer							7						4.3
Automobile Dealer					_					10			4.3
Automobile Mechanic					5								4.7
Automobile Painter						_				10			4.1
Automobile Repairman						6							4.6
Automobile Repairwoman				4									4.6
Backhoe Operator									9	4.0			4.3
Bail Bond Provider									•	10			4.2
Bailing-Machine Operator									9				3.9
Baker									~		11		4.6
Ballet Dancer									9				4.9
Bank Examiner Bank Teller							7		9				5.3
Banker	1	2	3	4	5	6	7 7	8	9	10	11	12	4.2 6.1
Barber	1			4 4	5 5	6	, 7	о 8	9	10	11 11	12	4.0
Bartender	1		3	4 4	5	6	, 7	8 8	9	10	11	12	4.0 3.6
Battery Assembler		. 2	5	4	J	0	'	0	9	10	11	12	3.8
Beauty Operator										10		12	4.0
Beer Maker	1											12	3.7
Bell Boy in a Hotel	-	•	3										3.0
Betting Clerk			0									12	2.9
Bicycle Messenger			3										3.3
Bicycle Repairer										10			3.3
Bill Collector		2											3.0
Billing Clerk			3										4.3
Billing-Machine Operator				4									4.2
Biologist			3										6.9
Biomedical Engineer					5								6.9
Blackjack Dealer	1												2.9
Black-Top-Machine Operator	1												3.7
Blast Furnace Helper in a Steel Mill			3										3.5
Blasting Powder Carrier in a Mine			3										3.7
Boardinghouse Keeper		2											3.2
Boilermaker				4									3.9
Bookbinding Machine Operator							7						3.6
	12												

					_								
Bookkeeper					5	~							4.6
Boom Operator at a Marine Loading Dock						6							4.7
Border Patrol Agent	1												5.3
Bottle Capping Machine Operator											11		3.0
Bottled-Water Delivery Driver											11		3.1
Bottle-Washing-Machine Operator				4									2.8
Box-Folding-Machine Operator							_				11		3.2
Branch Manager of a Bank					_		7						5.7
Bricklayer					5								4.2
Bridal Consultant	1				_								3.7
Bridge Ironworker					5								4.8
Brokerage Clerk		2											4.8
Budget Examiner						6							4.9
Building Contractor			3										5.4
Bulldozer Mechanic									9				4.3
Burglar Alarm Installer					5								4.1
Bus Driver	1	2	3	4	5	6	7	8	9	10	11	12	3.9
Business Entrepreneur		2											5.8
Business Services Sales Representative										10			4.5
Businessman										10			5.5
Butcher in a Store	1												3.7
Cabinet Maker			3										4.4
Cable TV Installer	1												3.6
Cafeteria Supervisor										10			4.1
Camp Counselor							7						3.8
Campaign Fundraiser				4									4.1
Canal Barge Pilot									9				4.8
Car Alarm Installer				4									3.5
Car Rental Agent	1												3.0
Cargo Router						6							3.9
Cargo Supervisor for an Airline											11		4.3
Carpenter's Helper					5								3.3
Carpet Cutter for a Rug Manufacturer						6							3.3
Carpet Cutter in a Rug Store					5								3.1
Carpet Layer									9				3.5
Car-Tester for an Automobile Factory	1												4.3
Carwash Attendant										10			2.9
Caseworker Aide								8					4.5
Cash Register Repairman												12	3.8
Cashier in a Supermarket											11		3.4
Cashier Supervisor								8					3.8
Casino Cashier								-				12	3.4
Casino Manager				4									4.6
-				•									
Casino Slots Supervisor							7						3.7
Casino Slots Supervisor Cattle Brander	1						7						3.7 2.9

Cattle Killer in a Slaughtering Plant											12	2.8
Cattle Rancher											12	4.8
Cement Finisher							_		10			4.1
Ceramic-Tile Setter							8					3.6
Cheese Maker			4									3.6
Chemical Engineer								9				6.5
Chemical Laboratory Technician	1											5.5
Chemist							8					6.7
Chief Technology Officer								9				5.8
Chiropractic Assistant									10			5.1
Chiropractor		3										5.9
Cigarette-Making Machine Operator						7						3.0
Cinematographer				5								5.1
City Planning Aide				5								5.2
Civil Engineer										11		6.4
Claims Clerk						7						4.1
Classified Ad Taker for a Newspaper									10			3.5
Cleaning Woman in Private Homes	1											2.9
Clergyman											12	5.8
Clerk in an Office											12	3.8
Clerk Opening New Accounts at Bank			4									4.3
Clinical Audiologist								9				5.7
Cloth Dyer				5								2.9
Coal Hauler Operator											12	3.6
Coal Miner				5								4.4
College Admissions Officer						7						5.1
College or University President				5								7.1
College Professor									10			6.9
Colonel in the Army	1											6.7
Combination Machine Tool Operator			4									4.0
Commercial Artist	1											4.7
Commercial Fisher							8					3.9
Community Organization Worker									10			5.0
Comparison Shopper for a Grocery Store		3										3.5
Computer Hardware Engineer					6							6.5
Computer Helpdesk Technician									10			4.7
Computer Network Engineer	1											5.8
Computer Programmer											12	6.0
Computer Repairer							8					4.9
Computer Room Supervisor for a Business Firm					6							5.3
Computer Scientist										11		6.4
Computer Security Analyst				5								6.0
Computer Software Developer				-		7						6.0
Computer Systems Analyst			4									6.2
Computer Tape Librarian	1											4.1
	15											

Computer Technician		2											5.4
Computing Machine Operator			3										4.8
Construction Foreman	1												5.1
Construction Laborer											11		4.1
Construction Riveter									9				4.3
Conveyor-Belt Operator				4									3.2
Cook in a Private Home												12	3.9
Cook in a Restaurant	1	2	3	4	5	6	7	8	9	10	11	12	3.9
Copy Editor			3										4.6
Corporate Financial Analyst								8					5.6
Corporate Meeting Planner		2											5.2
Corporate Trainer												12	5.2
Corrections Officers Supervisor				4									5.5
Correspondence Clerk									9				3.7
Cost Analyst					5								5.4
Cotton Picker											11		2.5
Counter Clerk in a Auto Parts Store			3										3.4
Counter Clerk in a Fast Food Place		2											2.8
County Agricultural Agent												12	5.0
County Sheriff					5								5.9
Court Bailiff											11		4.4
Court Clerk										10			5.0
Court Transcriber								8					4.8
Crane-Crew Supervisor at a Port Facility	1												4.9
Crating and Moving Estimator								8					3.6
Credit Manager					5								4.9
Credit Risk Analyst							7						5.1
Credit-Card Record Clerk for a Department Store											11		3.4
Crop-Duster Pilot		2											4.5
Crude Oil Tester in a Petroleum Refinery									9				4.7
Crushing-Machine Operator				4									3.2
Currency Sorter in a Bank								8					3.9
Custom Seamstress				4									4.4
Customer-Complaint Clerk	1												3.6
Customs Inspector		2											4.9
Cutting Machine Operator						6							3.5
Dairy Scientist		2											5.5
Dairy Technologist										10			5.0
Data Entry Clerk				4									4.0
Database Security Administrator											11		5.5
Day Care Aide						6							3.6
Day Laborer	1												3.0
Debt Management Counselor											11		4.8
Deck Engineer on a Ship											11		5.0
Deck Officer on a Commercial Fishing Boat								8					4.3
	16												

Deep-Sea Diver										10			5.0
Delicatessen Counter Clerk in a Grocery Store			3										3.5
Dental Crown and Bridge Maker						6							5.3
Dental Hygienist		2											5.3
Dentist				4									6.7
Dentist's Attendant		2											4.8
Department Head in a State Government	1	2	3	4	5	6	7	8	9	10	11	12	6.6
Desk Clerk in a Hotel						6							3.5
Desktop Publishing Specialist											11		4.8
Development Technician in a Factory											11		4.7
Dialysis Technician							7						5.5
Die Grinder												12	3.9
Diesel Motor Mechanic							7						4.4
Dietary Technician				4									5.2
Dietitian in a Hospital					5								5.4
Dirt Shoveler in a Mine						6							3.5
Disc Jockey		2											4.0
Dishwasher									9				2.8
Disposal Plant Operator											11		4.2
Ditch Digger												12	2.7
Dog Groomer											11		3.3
Donut Machine Operator								8					2.8
Door Fitter in an Automobile Production Line									9				4.2
Door-to-Door Salesman										10			2.9
Dormitory Counselor						6							3.9
Draftsman									9				4.8
Drama Therapist											11		4.4
Drawbridge Tender												12	3.6
Dredge Operator								8					4.1
Drilling Machine Operator in a Mine				4									4.1
Drill-Press Operator										10			4.3
Driver'S License Examiner										10			4.1
Driving School Teacher							7						4.2
Drug or Alcohol Rehabilitation Counselor								8					4.8
Druggist							7						5.8
Dry Cleaner								8					3.0
Dynamite Blaster		2											4.5
Economic Research Assistant						6							5.4
Economist												12	6.0
Egg Crate Packer							7						2.6
Eldercare Aide					5								4.9
Electric Motor Repairer											11		4.2
Electric power lineman						6							5.2
Electric Power Station Attendant	1												4.2
Electrical Engineer												12	6.7
	17												

Electrical Technician										10			5.3
Electrician						6							5.2
Electric-Meter Installer										10			4.2
Electrolysis Operator	1												3.9
Elevator Operator in a Building												12	3.2
Elevator Repairer							7						4.3
Elevator Safety Inspector						6							4.9
Eligibility Interviewer for a Social Welfare Agency			3										5.0
Embalmer			3										4.5
Emergency Services Coordinator						6							5.9
Employee Benefits Director											11		5.2
Employee Benefits Specialist											11		5.2
Employee Development Director												12	5.7
Employment Clerk											11		3.9
Engineer								8					6.6
Engineering Design Manager	1												5.9
Engineer's Aide												12	5.0
Enlisted Man in the Army		2											5.3
Envelope Stuffer					5								2.5
Environmental Compliance Inspector									9				5.4
Environmental Scientist											11		6.5
Equipment Purchasing Agent								8					4.4
Event Planner			3										4.5
Executive Chef		2											5.7
Exercise Therapist												12	4.9
Faith Healer				4									3.5
Farm Foreman							7						4.7
Farm Laborer			3										3.5
Farm Manager	1												5.0
Farm Owner and Operator	1	2	3	4	5	6	7	8	9	10	11	12	5.2
Farm Produce Buyer			3										4.6
Fashion Designer			3										5.4
Fashion Model						6							5.3
Fax Machine Operator											11		3.2
Fence Installer							7						3.3
Fiber Machine Tender						6							3.7
File Clerk					5								3.5
Filling Station Attendant		2											3.1
Film Editor				4									5.2
Fingerprinter							7						3.9
Fire Alarm Installer						6							4.5
Fire Department Lieutenant						6							6.2
Fire Inspector									9				5.5
Fireman								8					5.7
First Aid Nurse										10			5.6
	18												

Fitter in a Shipyard								8					3.8
Floor Refinisher							7						3.7
Flour Miller			3										3.2
Foam Machine Operator											11		3.4
Food Processing Worker											11		3.8
Foot Doctor								8					6.3
Foreign Language Translator											11		5.5
Foreman in a Factory						6							4.9
Forester's Aide										10			4.4
Forge Operator in a Steel Mill							7						4.1
Fork-Lift Driver								8					3.8
Fortune Teller												12	2.6
Foundry Equipment Mechanic												12	4.4
Freight Checker			3										3.4
Freight Elevator Operator	1												3.2
Freight Shipping Agent							7						4.3
Funeral Director										10			4.9
Funeral Home Assistant		2											4.4
Funeral Home Director		2											5.5
Furniture Refinisher				4									3.9
Game Warden					5								4.9
Gang Boss for a Mining Company			3										4.2
Garbage Collector									9				3.8
Gardener						6							3.5
General contractor		2											5.0
General Manager of a Manufacturing Plant							7						5.4
General Manager of a Moving and Storage													
Company								8					3.8
Geological Technician			3										6.0
Geologist										10			6.3
Gift Wrapper in a Department Store					5								3.1
Glass Engraver					5								4.2
Government Meat Grader								8					4.3
Grain Farmer											11		4.9
Grocery Bagger						6							2.8
Ground Crew Supervisor in a Public Park											11		3.9
Guidedog Trainer									9				4.6
Hair Stylist											11		3.8
Hand Lace Maker												12	3.8
Hazardous Materials Removal Worker								8					4.8
Head Cook	1												4.0
Head Usher							7						3.4
Hearing Aid Technician						6							4.8
Heat-Sealing-Machine Operator									9				4.3
- -													

Heavy-Equipment Operator on a Road													
Construction Job			3										4.5
High School Teacher					5								6.1
Highway Engineer										10			6.0
Highway Maintenance Person								8					4.3
Hog Raiser				4									3.5
Home Improvement Salesperson				4									3.7
Home Products Demonstrator					5								3.4
Home Refrigerator Repairer												12	3.9
Home-Care Aide for the Elderly									9				5.1
Horse Breaker								8					3.6
Horse Breeder	1												4.3
Horse Stable Attendant							7						3.1
Hospital Administrator			3										6.6
Hospital Attendant										10			4.6
Hospital-Admissions Officer				4									5.6
Hotel Chambermaid												12	2.8
House Carpenter						6							4.6
House Painter									9				3.9
House Parent in Institution							7						4.4
Housekeeper in a Private Home	1	2	3	4	5	6	7	8	9	10	11	12	3.5
Houseparent in a State Reformatory			3										4.0
Human Resources Consultant		2											5.4
Human Services Coordinator	1												4.8
Importer					5								4.6
Income-Tax Preparer									9				5.1
Infantry Unit Leader			3										5.9
Information Technology Systems Director										10			5.7
Instructor in a School for the Handicapped						6							5.6
Insulation Installer								8					3.7
Insurance Agent	1	2	3	4	5	6	7	8	9	10	11	12	4.8
Insurance Application Evaluator								8					4.1
Insurance Claims Investigator							7						4.7
Insurance Policy Information Clerk									9				4.2
Insurance Sales Supervisor									9				4.8
Insurance Underwriter							7						4.5
Interior Decorator				4									4.8
Irrigation Pump Installer				4									3.9
Janitor	1	2	3	4	5	6	7	8	9	10	11	12	3.0
Jazz Musician										10			5.6
Jewelry Maker					5								4.5
Jewelry Repairman				4									4.3
Job Counselor									9				4.6
Journalist				4									5.5
Justice of a Municipal Court					5								6.9
	20												

Key Maker											11		3.1
Kitchen Steward					5								3.7
Laborer in a Commercial Fish Hatchery		2											3.4
Landlord									9				4.7
Lathe Operator	1												3.9
Laundress									9				3.3
Law Clerk For Judge											11		5.7
Lawn Mower Engine Repairer									9				3.8
Lawyer	1	2	3	4	5	6	7	8	9	10	11	12	6.4
Leaflet Distributor					5								2.9
Lens Grinder							7						4.3
Library Book Shelver							7						3.2
Library Circulation Technician	1												3.9
Licensed Practical Nurse					5								6.5
Life Science Taxonomist								8					4.8
Lifeguard												12	4.1
Lime Kiln Operator										10			4.1
Loan Officer										10			4.5
Loan Processor for a Bank								8					4.9
Lobbyist							7						4.2
Local Delivery Truck Driver										10			4.2
Local Official of a Labor Union											11		4.5
Locksmith												12	4.1
Locomotive Electrician			3										5.5
Locomotive Engineer			3										5.7
Locomotive Repairman								8					4.9
Logger											11		3.8
Logistics Planner	1												5.0
Longshoreman											11		3.8
Loom Fixer in a Textile Mill	1												3.7
Loom Operator							7						3.4
Lost-and-Found Clerk in a Department Store		2											3.1
Lumber Stacker												12	3.0
Lunchroom Operator								8					3.4
Machine Assembler							7						3.9
Machine Attendant in a Factory			3										3.7
Machine Feeder in a Manufacturing Plant				4									3.3
Machine Oiler			3										3.4
Machine Operator in a Factory					5								4.3
Machine Operator in a Shoe Factory		2											3.5
Machine Operator in a Textile Mill		2											3.8
Machine Set-up Man in a Factory			3										4.1
Machinist			3										4.4
Magazine Editor		2											5.5
Mailman							7						4.7
	21												

Mail-Order Clerk									9				3.9
Mailroom Clerk for a Private Company										10			3.7
Mailroom Supervisor for a Private Company									9				4.2
Maitre D'				4									3.6
Management Consultant	1												4.9
Manager									9				5.2
Manager for a Fast Food Franchise										10			4.6
Manager for a Motel Chain												12	5.0
Manager of a Cement Factory			3										4.5
Manager of a Commercial Bakery											11		4.7
Manager of a Local TV Station												12	5.8
Manager of a Mail Order House										10			4.2
Manager of a Movie Theater	1												3.6
Manager of a Pulp Mill		2											4.1
Manager of a Real Estate Office						6							5.2
Manager of a Supermarket	1	2	3	4	5	6	7	8	9	10	11	12	4.9
Manager of an Automobile Plant									9				5.5
Manager of an Escort Service												12	3.3
Manager of United Way Charity										10			5.5
Manicurist				4									3.5
Manufacturer's Representative		2											4.6
Marine Engineer		2											6.3
Market Research Interviewer			3										5.0
Market Research Investigator			3										5.6
Marketing Representative for a Manufacturing													
Firm			3										5.2
Massage Therapist									9				4.3
Masseur	1												3.6
Masseuse												12	3.7
Material Lister for a Construction Company									9				4.0
Mathematical Engineering Technician			3										6.2
Mathematician				4									6.2
Mayor of a Large City	1												7.2
Meat Cutter in a Meat Cutting Plant		2											3.6
Meat Grader		2											3.7
Mechanical Engineer				4									6.6
Mechanical Trouble Shooter		2											4.5
Mechanic's Helper		2											3.4
Medical Technician	1	2	3	4	5	6	7	8	9	10	11	12	5.7
Medical Transcriber											11		4.9
Medical-Record Librarian in a Hospital						6							4.9
Member of a City Council	1												5.6
Member of a Rock Band											11		4.1
Member of the Board of Directors of a Large													
Corporation			3										6.9
h	22		-										

Merchandise Buyer for a Department Store						6							4.5
Merchant Seaman							7						4.5
Metal Caster in a Foundry				4									3.7
Metal Engraver						6							4.3
Metal Plater											11		3.7
Metal Solderer								8					3.9
Metallurgical Engineer			3										6.0
Metal-Stamping-Machine Operator									9				4.2
Meteorologist							7						5.9
Meter Maid							7						3.2
Meter Reader for a Gas or Electric Company					5								4.4
Midwife											11		5.0
Migrant Worker					5								2.7
Milk Tester											11		3.7
Milliner	1												3.5
Milling Machine Operator	1												3.8
Millwright				4									3.7
Mining Engineer					5								5.8
Minister		2											6.3
Mobile Home Installer				4									4.0
Mobile Home Park Manager								8					3.3
Mold Maker in Foundry		2											4.0
Molding Machine Operator			3										4.0
Motel Owner	1												4.9
Motion Picture Projectionist						6							4.1
Museum Curator								8					5.3
Museum Security Chief							7						4.2
Musician in a Symphony Orchestra	1	2	3	4	5	6	7	8	9	10	11	12	5.6
My Own Occupation				4									5.4
Mystery Shopper			3										2.9
Narcotics Investigator												12	5.6
Natural Childbirth and Infant Care Instructor								8					4.9
Network Administrator												12	5.8
Network Support Technician									9				5.0
Newspaper Peddler									9				2.9
Newspaper Proofreader				4									4.5
Nuclear Plant Operator									9				6.3
Nuclear Technician				4									7.0
Nurse Anesthetist	1												6.4
Nurse Practitioner												12	6.6
Nursery School Teacher				4									5.3
Nut Roaster			3										2.9
Obstetrician/Gynecologist									9				7.0
Occupational Rehabilitation Aide								8					5.1
Occupational Therapist			3										5.9
	23												

Office Helper for a Hospital	1												4.3
Office Supervisor							7						5.0
Office Systems Analyst												12	5.2
Oil Exploration Engineer							7						6.0
Oil Refining Equipment Operator												12	4.9
Oil Rig Worker												12	4.6
Oil Well Pumper										10			4.4
Oil-Well Driller											11		5.1
Operations Analyst		2											5.1
Optician							7						5.8
Optometrist						6							6.6
Orange Grove Picker										10			3.2
Orange Grower									9				4.6
Order Expediter for a Wholesale Business								8					4.5
Ore Train Motorman	1												3.7
Organizer for a Religious Crusade			3										4.0
Orthopedic Brace Maker								8					5.3
Owner of a Bowling Alley				4									4.5
Owner of a Check Cashing Service						6							4.0
Owner of a Computer Software Company				4									6.2
Owner of a Day Care Center						6							4.9
Owner of a Filling Station and Garage												12	4.8
Owner of a Local Bus Company							7						5.1
Owner of a Local Radio Station											11		5.0
Owner of a Mail Order House						6							4.4
Owner of a Manufacturing Plant										10			6.3
Owner of an Apparel Factory												12	5.6
Owner of an Art Gallery									9				5.5
Owner-Operator of a Printing Shop											11		4.8
Oxygen Therapist					5								5.9
Packer in a Wholesale Vegetable Market								8					3.1
Paid Campaign Staff Member				4									4.3
Panhandler					5								2.1
Paper Embossing Machine Operator										10			4.1
Paper Tester in a Pulp Mill										10			3.7
Paperhanger										10			3.5
Paper-Making Machine Tender												12	3.7
Para-Legal						6							5.1
Paramedic				4									6.0
Park Superintendent								8					4.6
Parking Enforcement Officer								8					3.4
Parking Lot Attendant	1												2.4
Parole Officer							7						4.8
Party Caterer							7						3.9
Passenger Service Representative												12	3.9
	24												

		-											
Pathology Technician		2			_								5.9
Pattern Maker in a Metal Shop					5	~							4.9
Payroll Clerk						6		0					4.3
Payroll Supervisor							7	8					4.7
Pedicab Operator						c	/						3.3
Personal Financial Planner						6		0					6.0
Personnel Director								8		10			5.2
Personnel Recruiter			2							10			4.4
Pharmaceutical Representative			3					~					5.7
Pharmacist			h					8					6.7
Pharmacist Technician		2	3										5.6
Photo-Booth Operator		2	2										3.1
Photocopying-Machine Operator			3										3.3
Photoengraver		•		4									3.8
Photograph Developer		2											3.9
Photographer		2											4.8
Physical Therapist				4									6.2
Physical Therapy Assistant											11		5.4
Physician											11		7.6
Physician's Assistant	1					~							6.0
Physicist						6		~					6.9
Piano Tuner								8					3.7
Pile-Driver Operator			3			_							3.9
Pill Machine Operator in a Pharmaceutical Plant						6		-					4.4
Plaster Mold Maker	_							8					3.3
Plasterer	1				_								3.3
Playground Director					5								4.2
Playground Monitor											11		3.2
Plumber											11		4.7
Podiatrist		2											6.1
Poker Room Supervisor						6							3.3
Pole Climber for a Telephone Company					5								4.3
Police Lieutenant				4									6.4
Police Officer			3										5.9
Policeman				4									6.0
Pollution Control Engineer							7						5.8
Post Office Clerk						6							4.6
Post Office Mail Sorter								8					4.0
Postmaster					5								5.8
Potato Chip Fryer									9				2.9
Potato-Chip-Sacking-Machine Operator									9				3.0
Poultry Raiser												12	4.0
Power Crane Operator					5								4.9
Power Plant Operator								8					5.2
Preparer of Clothing Patterns										10			4.3
	25												

Prescription Clerk												12	4.5
Priest	1												6.3
Printing Press Operator						6							4.0
Prison Guard										10			4.2
Private Detective							7						5.0
Professional Athlete								8					6.2
Professional Babysitter					5								4.2
Professionally Trained Forester				4									4.6
Professionally Trained Health Therapist							7						5.9
Professionally Trained Librarian										10			5.4
Professor of Biology in a College or University		2											6.9
Professor of Business Administration in a College													
or University												12	6.9
Professor of English in a College or University	1												6.3
Professor of History in a College or University									9				6.5
Professor of Physics in a College or University											11		7.2
Professor of Psychology in a College or			_										
University			3										7.0
Proprietor of a Shoe Repair Shop	1		•										3.9
Prosthetic Aide			3									4.2	4.9
Psychiatrist		•										12	6.6
Psychologist		2		-	_	_	_						6.4
Public Grade School Teacher	1	2	3	4	5	6	7	8	9	10	11	12	5.8
Public Health Analyst					5								6.0
Public Health Educator in a Clinic									9				5.9
Public Opinion Pollster	1							_					3.9
Public Relations Director								8					5.1
Public Relations specialist								8					5.1
Public Safety Director							7						5.3
Public-Address Announcer at a Train Station			3										3.4
Pump Operator											11		3.4
Pump-House Engineer									9				4.9
Purchasing Clerk	1												3.9
Purchasing Manager for a Business				4									5.0
Pushcart Vendor											11		2.8
Quality Checker in a Manufacturing Plant			3										4.7
Quality Control Engineer	1												6.0
Radiation Control Engineer in a Power Plant						6							6.3
Radiation Therapist										10			6.2
Radio operator												12	4.5
Radio Tester										10			3.8
Rail Track Repairer									9				4.4
Railroad Conductor						6							5.1
Railroad Detective									9				4.8
Railroad Signal Mechanic					5								4.9
	26												

Railroad Signal-Tower Operator				4	_								4.4
Railroad Switchman					5								4.8
Railroad Ticket Agent	1		-										3.4
Railway Equipment Operator			3				_						4.8
Real Estate Agent					_		7						4.9
Real Estate Appraiser				_	5								5.4
Rebar (Reinforcing Iron Bar) Worker				4									3.9
Receptionist				_								12	4.1
Record Keeper				4									4.4
Refrigerating Machine Operator	1				_								3.8
Regional Manager for a Bus Company					5				-				5.1
Registered Nurse									9				6.5
Resource Management Director					_							12	5.6
Restaurant Critic for a Newspaper					5								4.6
Restaurant Hostess			3										3.7
Restaurant Owner											11		5.2
Rolling Mill Operator in a Metal Shop								8					4.0
Roof Bolter In Mine											11		4.0
Roofer		2											3.9
Rubber Mold Maker									9				3.8
Rubber-Stamp Maker								8					2.8
RV (Recreational Vehicle) Mechanic											11		4.2
Sailor in Navy						6							5.8
Salad Maker in a Hotel Kitchen	1												2.7
Sales Clerk in a Store					5								3.7
Sales Engineer								8					5.1
Salesperson in a Furniture Store							7						3.6
Salesperson in a Hardware Store								8					3.3
Salesperson in a Shoe Store										10			3.3
Salesperson in a Store									9				3.9
Salesperson in an Appliance Store				4									3.5
Saloonkeeper									9				3.6
Sample Collector in a Chemical Plant		2											4.6
Sample Collector in a Pulp Mill												12	3.5
Sandfill Operator in a Mine	1												3.6
Satellite Communications Operator						6							5.5
Sausage Mixer					5								3.4
Saw Sharpener											11		3.1
Scaffold Builder										10			3.8
Scale Attendant										10			3.7
School Counselor										10			5.8
School Principal				4									6.5
School Superintendent					5								6.2
School-Crossing Guard									9				4.1
Scrap Sorter in a Shoe Factory	~-						7						3.0
	77												

Secret Service Agent Secretary	1	2	3	4	5 5	6	7	8	9	10	11	12	6.7 4.6
Security Guard in a Bank								8					3.7
Seed Analyst											11		4.2
Seismic Observer of Earthquakes		2											6.3
Semiconductor Assembler												12	4.1
Semi-Skilled Worker									9				4.0
Septic Tank Cleaner										10			3.4
Sergeant		2											5.9
Service Station Manager										10			4.4
Sewing Machine Assembler							7						3.4
Sewing Machine Operator											11		3.6
Sheet-Metal Duct Installer			3										3.8
Sheet-Rock Installer				4									3.8
Shelf Stocker in a Grocery Store	1												2.8
Ship Fitter Apprentice					5								4.2
Ship Steward					5								4.4
Shipping Clerk										10			3.9
Ship's Captain										10			6.1
Shoemaker												12	3.7
Shoeshiner									9				2.6
Short-Order Cook											11		3.3
Sightseeing Guide				4									3.5
Sign Painter	1												3.3
Skilled Craftsman in a Factory											11		4.9
Skilled Craftsman in a Metalworking Shop		2											4.9
Skip-Hoist Operator							7						3.6
Skycap		2											3.7
Slot Machines Operations Director			3										3.9
Social Scientist					5								6.2
Social Security Administrator				4									5.7
Social Worker											11		5.3
Sociologist			3										6.1
Soda Jerk				4									2.3
Solar Panel Installer						6							4.4
Soldier							7						6.1
Sound Mixer in a Television Station	1												4.5
Special Education Teacher												12	6.0
Speech Therapist						6							5.7
Spotlight Operator							7						3.3
Spray Painter in a Manufacturing Plant												12	3.7
Stapling-Machine Operator in a Furniture							_						
Factory							7					4.2	3.3
Statistical Clerk					_							12	4.2
Statistician	20				5								5.4

Steam Boiler Fireman										10			4.7
Steam Cleaner for a Used Car Lot									9				3.0
Steam Presser in a Garment Factory										10			3.6
Steam-Shovel Operator		2											4.3
Steel Rigger on a Construction Job	1												4.5
Steel Temperer										10			4.3
Stencil Cutter						6							3.3
Stenographer							7						4.3
Stock and Bond Salesman												12	5.6
Stock Taker in a Department Store											11		3.4
Stockroom Attendant												12	3.0
Stockroom Manager						6							4.0
Street Corner Drug Dealer			3										1.9
Street sweeper												12	3.0
Street-Sweeper Operator		2											3.3
Student Admissions Clerk					5								4.4
Subway Operator		2											4.0
Superintendent of a Construction Job		2											5.2
Supervisor in a Auto Repair Shop							7						4.5
Supervisor in a Logging Operation						6							5.0
Supervisor in a Machine Shop					5								5.1
Supervisor of a Branch Telephone Exchange										10			4.3
Supervisor of a Janitorial Service										10			4.0
Supervisor of a Truck Delivery Service									9				4.7
Supervisor of Skilled Craftsmen						6							5.2
Surgeon										10			7.7
Surveyor							7						4.6
Swap Meet Vendor												12	2.8
Table Clearer in a Restaurant								8					2.3
Tailor			3										4.4
Tank Crew Member				4									4.1
Tax Collector								8					4.1
Taxicab Driver												12	3.2
Teacher's Aide in an Elementary School											11		4.9
Technician						6							5.1
Technician Drawing Blood		2											5.1
Telegraph Operator	1												3.8
Telephone Installer									9				4.3
Telephone Operator												12	3.6
Telephone Solicitor	1	2	3	4	5	6	7	8	9	10	11	12	2.5
Telephone-Answering-Service Operator											11		3.1
Temporary Clerk in an Office		2											2.9
Tenant Farmer										10			3.9
Termite Exterminator		2											3.9
Theater Usher								8					2.6
	29												

Theatrical Agent		2											4.6
Timber Buyer for a Pulp Mill				4									4.1
Time-Motion Analyst		2											4.9
Tire Retreader	1												2.8
Tire-Mold Engraver		2											3.5
Toll Bridge Collector												12	3.3
Tombstone Carver							7						3.9
Tool and Die Maker							7						4.1
Tool Programmer in a Manufacturing Plant						6							5.1
Tool Sharpener	1												2.8
Toolroom Helper in a Chain Saw Factory				4									3.1
Toy Manufacturer	1												4.4
Trailer Truck Driver									9				4.4
Train Attendant				4									4.2
Transit Authority Police										10			5.0
Trash Hauler										10			3.6
Travel Agent	1												4.1
Traveling Salesman for a Wholesale Concern				4									3.5
Tree Surgeon			3										4.0
Truck Dispatcher				4									3.7
Truck Driver's Helper		2											3.4
Turpentine Distiller		2											3.4
TV Anchor						6							5.8
TV Announcer	1												5.2
TV Director							7						5.6
TV Repairman		2											4.0
Typesetter					5								3.9
Typist					5								3.8
Union Organizer									9				4.6
Unskilled Worker in a Factory							7						2.8
Upholsterer											11		3.8
Urban Planner				4									5.5
Used Car Salesman						6							3.5
Vending Machine Coin Collector									9				3.1
Veneer Glue Spreader			3										3.1
Veterinarian								8					6.4
Veterinarian Assistant	1												4.5
Video Game Repairer in Arcade			3										3.4
Waiter in a Restaurant					5								3.6
Waitress in a Restaurant						6							3.6
Warehouse Hand											11		3.2
Watch Assembler							7						3.8
Watch-Crystal Grinder												12	3.6
Water Well Driller	1												4.4
Water Well Drilling Roughneck												12	4.1
5 5	30												

Water-Pollution Specialist									9				5.5
Web Designer								8					5.4
Weight Station Operator									9				3.9
Welder	1	2	3	4	5	6	7	8	9	10	11	12	4.2
Wildlife Officer						6							5.0
Wildlife Technician												12	4.8
Wind Turbine Mechanic		2											4.9
Window Display Artist		2											4.0
Window Glass Installer							7						3.8
Windshield Installer								8					3.1
Wire Pulling Machine Operator												12	4.0
Wood Carver								8					3.9
Wood Lathe Operator							7						4.1
Wood Miller						6							4.0
Wood Technologist									9				4.4
Wood-Model Maker					5								4.1
Word Processor						6							4.2
Writer of Technical Manuals									9				5.4
X-ray Technician			3										5.7
Yarn Spinner in a Textile Mill								8					3.0
Yeast Maker										10			3.8

Census Occupation		
Codes	Census Occupation Titles	GSS Occupation Titles on Cards
10	Chief executives	Department Head in a State Government
10	Chief executives	Mayor of a Large City
10	Chief executives	Business Entrepreneur
		Member of the Board of Directors of a Large
10	Chief executives	Corporation
10	Chief executives	Owner of a Computer Software Company
10	Chief executives	College or University President
10	Chief executives	City Manager
20	General and operations managers	Owner of a Mail Order House
20	General and operations managers	General Manager of a Manufacturing Plant
20	General and operations managers	Park Superintendent
20	General and operations managers	Manager
20	General and operations managers	Manager of a Mail Order House
20	General and operations managers	owner of a Local Radio Station
20	General and operations managers	Manager of a Local TV Station
20	General and operations managers	Owner of a Modeling Agency
30	Legislators	Member of a City Council
40	Advertising and promotions managers	Advertising Executive
		Marketing Representative for a
50	Marketing and sales managers	Manufacturing Firm
60	Public relations and fundraising managers	public relations director
100	Administrative services managers	Social Security Administrator
100	Admnistrative services managers	Resource management director
	Computer and information systems	
110	managers	chief technology officer
110	Computer and information systems	
110	managers	information technology systems director
120	Financial managers	Banker Gradit Managar
120	Financial managers	Credit Manager
120	Financial managers	owner of a Check Cashing Service
120	Financial managers	Branch Manager of a Bank
135	Compensation and benefits managers	employee benefits director
136	Human resources managers	Personnel Director
137	Training and development managers	employee development director
140	Industrial production managers	Toy Manufacturer
140	Industrial production managers	Manager of a Pulp Mill
140	Industrial production managers	Manager of a Cement Factory
140	Industrial production managers	Manager of an Automobile Plant
140	Industrial production managers	Owner of a Manufacturing Plant
140	Industrial production managers	Manager of a Commercial Bakery

Appendix 3: Occupational Titles by Census Codes

140	Industrial production managers
140	Industrial production managers
140	Industrial production managers
140	Industrial production managers
150	Purchasing managers
	Transportation, storage, and distribution
160	managers
	Transportation, storage, and distribution
160	managers
	Transportation, storage, and distribution
160	managers
	Transportation, storage, and distribution
160	managers
	Transportation, storage, and distribution
160	managers
	Farmers, ranchers, and other agricultural
205	managers
	Farmers, ranchers, and other agricultural
205	managers
	Farmers, ranchers, and other agricultural
205	managers
	Farmers, ranchers, and other agricultural
205	managers
	Farmers, ranchers, and other agricultural
205	managers
	Farmers, ranchers, and other agricultural
205	managers
	Farmers, ranchers, and other agricultural
205	managers
220	Construction managers
220	Construction managers
230	Education administrators
300	Architectural and engineering managers
310	Food service managers
310	Food service managers
310	Food service managers
310	Food service managers
310	Food service managers
325	Funeral service managers
330	Gaming managers
330	Gaming managers
	22

Owner of an Apparel Factory Sawmill Operator Owner of a Foundry **Owner of a Bottling Plant** Purchasing Manager for a Business Regional Manager for a Bus Company Stockroom Manager Owner of a Local Bus Company General Manager of a Moving and Storage Company Traffic Safety Administrator Farm Owner and Operator Farm Manager Orange Grower **Tenant Farmer Grain Farmer** Cattle Rancher Vineyard Owner general contractor **Building Contractor School Principal** School Superintendent Owner of a Day Care Center College Admissions Officer Child Care Supervisor engineering design manager Lunchroom Operator Saloonkeeper Manager for a Fast Food Franchise **Restaurant Owner** Owner of a Food Store funeral home director slot machines operations director

casino manager

340	Lodging	managers
-----	---------	----------

- 340 Lodging managers
- 340 Lodging managers
- 350 Medical and health services managers
- 350 Medical and health services managers
- 350 Medical and health services managers
- 360 Natural sciences managers
- 400 Postmasters and mail superintendents Property, real estate, and community
- 410 association managers Property, real estate, and community
- 410 association managersProperty, real estate, and community410 association managers
- Property, real estate, and community
- 410 association managers Property, real estate, and community
- 410 association managers
- 420 Social and community service managers
- 420 Social and community service managers
- 425 Emergency management directors
- 425 Emergency management directors
- 430 Managers, all other
- 430 Managers, all other
- 430 Managers, all other
- 430 Managers, all other Agents and business managers of artists,
- 500 performers, and athletes Buyers and purchasing agents, farm
- 510 products Buyers and purchasing agents, farm
- 510 productsWholesale and retail buyers, except farm520 products
 - Wholesale and retail buyers, except farm
- 520 products
- 530 Purchasing agents, except wholesale, retail, and farm products
 - Claims adjusters, appraisers, examiners, and
- 540 investigators
- 565 Compliance officers
- 565 Compliance officers
- 600 Cost estimators
- 630 Human resources workers
- 630 Human resources workers

- Motel Owner
- Boardinghouse Keeper
- Manager for a Motel Chain
- Hospital Administrator
- Hospital-Admissions Officer
- Hospital Administrator
- agricultural research director Postmaster
- PUSIIIIastei
- Manager of a Real Estate Office
- Apartment Building Manager
- Mobile Home Park Manager
- Landlord
- Landlady
- human services coordinator Manager of United Way Charity emergency services coordinator public safety director Manager of a Supermarket Manager of a Movie Theater
- Owner-Operator of a Printing Shop
- Manager of an Escort Service
- **Theatrical Agent**
- Farm Produce Buyer
- Timber Buyer for a Pulp Mill
- Importer
- Merchandise Buyer for a Department Store
- equipment purchasing agent
- Insurance Claims Investigator environmental compliance inspector driver's license examiner Crating and Moving Estimator human resources consultant Union Organizer

- 630 Human resources workers
- 630 Human resources workers
- 630 Human resources workers
- 640 Compensation, benefits, and job analysis specialists
- 650 Training and development specialists
- 700 Logisticians
- 710 Management analysts
- 710 Management analysts
- 710 Management analysts
- 725 Meeting, convention, and event planners
- 725 Meeting, convention, and event planners
- 726 Fundraisers
 - Market research analysts and marketing
- 735 specialists
- 740 Business operations specialists, all other
- 740 Business operations specialists, all other
- 800 Accountants and auditors
- 810 Appraisers and assessors of real estate
- 820 Budget analysts
- 820 Budget analysts
- 830 Credit analysts
- 840 Financial analysts
- 850 Personal financial advisors
- 860 Insurance underwriters
- 900 Financial examiners
- 910 Credit counselors and loan officers
- 910 Credit counselors and loan officers Tax examiners and collectors, and revenue
- 930 agents
- 940 Tax preparers
- 950 Financial specialists, all other Computer and information research
- 1005 scientists
- 1006 Computer systems analysts
- 1007 Information security analysts
- 1010 Computer programmers Software developers, applications and
- 1020 systems software Software developers, applications and
- 1020 systems software
- 1030 Web developers
- 1050 Computer support specialists
- 1050 Computer support specialists
- 1060 Database administrators

Personnel Recruiter Local Official of a Labor Union Labor Union Organizer

employee benefits specialist corporate trainer logistics planner Management Consultant Time-Motion Analyst Office Systems Analyst corporate meeting planner event planner campaign fundraiser

Market Research Investigator mystery shopper Paid Campaign Staff Member Accountant Real Estate Appraiser cost analyst budget examiner credit risk analyst corporate financial analyst Personal Financial Planner

- Insurance Underwriter
- bank examiner
- loan officer
- debt management counselor

Tax Collector Income-Tax Preparer Bail Bond Provider

Computer Scientist computer systems analyst computer security analyst Computer Programmer

app designer

computer software developer web designer network support technician computer helpdesk technician database security administrator

	Network and computer systems	
1105	administrators	network administrator
1106	Computer network architects	computer network engineer
1107	Computer occupations, all other	Computer Tape Librarian
1107	Computer occupations, all other	Computer Technician
1200	Actuaries	Actuary for an Insurance Com
1210	Mathematicians	Mathematician
1220	Operations research analysts	operations analyst
1230	Statisticians	Statistician
	Miscellaneous mathematical science	
1240	occupations	mathematical engineering tee
1300	Architects, except naval	Architect
	Surveyors, cartographers, and	
1310	photogrammetrists	Surveyor
1320	Aerospace engineers	Aeronautical Engineer
1330	Agricultural engineers	agricultural research enginee
1340	Biomedical engineers	biomedical engineer
1350	Chemical engineers	Chemical Engineer
1360	Civil engineers	Highway Engineer
1360	Civil engineers	Civil Engineer
1400	Computer hardware engineers	computer hardware engineer
1410	Electrical and electronics engineers	Electrical Engineer
1420	Environmental engineers	pollution control engineer
	Industrial engineers, including health and	
1430	safety	Quality Control Engineer
1440	Marine engineers and naval architects	Marine Engineer
1450	Materials engineers	Metallurgical Engineer
1460	Mechanical engineers	Mechanical Engineer
	Mining and geological engineers, including	
1500	mining safety engineers	Mining Engineer
1510	Nuclear engineers	Radiation Control Engineer in
1520	Petroleum engineers	Oil Exploration Engineer
1530	Engineers, all other	Engineer
1540	Drafters	Draftsman
1550	Engineering technicians, except drafters	Electrical Technician
1550	Engineering technicians, except drafters	Development Technician in a
1550	Engineering technicians, except drafters	Engineer's Aide
1560	Surveying and mapping technicians	Aide on a Land Survey Crew
1560	Surveying and mapping technicians	Surveyor's Assistant
1600	Agricultural and food scientists	Dairy Scientist
1610	Biological scientists	Biologist
1640	Conservation scientists and foresters	Professionally Trained Forest
1650	Medical scientists	Public Health Analyst
1660	Life scientists, all other	life science taxonomist
1700	Astronomers and physicists	Physicist
	26	

for an Insurance Company natician ons analyst ian natical engineering technician t ... itical Engineer ural research engineer cal engineer al Engineer [,] Engineer gineer er hardware engineer al Engineer n control engineer Control Engineer Engineer rgical Engineer ical Engineer Engineer n Control Engineer in a Power Plant oration Engineer an al Technician ment Technician in a Factory r's Aide a Land Survey Crew r's Assistant ientist onally Trained Forester

- ealth Analyst
- nce taxonomist
- ysicist

1710	Atmospheric and space scientists	Meteorologist
1720	Chemists and materials scientists	Chemist
1740	Environmental scientists and geoscientists	Water-Pollution Specialist
1740	Environmental scientists and geoscientists	Geologist
1740	Environmental scientists and geoscientists	Environmental Scientist
1760	Physical scientists, all other	wood technologist
1800	Economists	Economist
1815	Survey researchers	Public Opinion Pollster
1820	Psychologists	Psychologist
1830	Sociologists	Sociologist
1840	Urban and regional planners	Urban Planner
1010	Miscellaneous social scientists and related	
1860	workers	Social Scientist
1900	Agricultural and food science technicians	dairy technologist
1900	Agricultural and food science technicians	seed analyst
1910	Biological technicians	wildlife technician
1920	Chemical technicians	chemical laboratory technician
1930	Geological and petroleum technicians	seismic observer of earthquakes
1930	Geological and petroleum technicians	geological technician
1940	Nuclear technicians	nuclear technician
1950	Social science research assistants	city planning aide
1950	Social science research assistants	economic research assistant
	Miscellaneous life, physical, and social	
1965	science technicians	Technician
	Miscellaneous life, physical, and social	
1965	science technicians	Fingerprinter
	Miscellaneous life, physical, and social	
1965	science technicians	Fingerprint Classifier
2000	Counselors	Drug or Alcohol Rehabilitation Counselor
	Counselors	Job Counselor
2000	Counselors	School Counselor
2010	Social workers	Social Worker
	Probation officers and correctional	
2015	treatment specialists	parole officer
2016	Social and human service assistants	caseworker aide
	Miscellaneous community and social service	
	specialists, including health educators and	
2025	community health workers	public health educator in a clinic
	Miscellaneous community and social service	
	specialists, including health educators and	
2025	community health workers	community organization worker
2040	Clergy	Priest
2040	Clergy	Minister
2040	Clergy	Clergyman
2040	Clergy	Evangelist
_0.0	37	

2050	Directors, religious activities and educati	on Organizer for a Religious Crusade
2060	Religious workers, all other	Faith Healer
2100	Lawyers	Lawyer
2105	Judicial law clerks	law clerk for judge
	Judges, magistrates, and other judicial	
2110	workers	Justice of a Municipal Court
2145	Paralegals and legal assistants	Para-Legal
2160	Miscellaneous legal support workers	Stenographer
2160	Miscellaneous legal support workers	Court Transcriber
	2	Professor of English in a College or
2200	Postsecondary teachers	University
		Professor of Biology in a College or
2200	Postsecondary teachers	University
		Professor of Psychology in a College or
2200	Postsecondary teachers	University
		Professor of History in a College or
2200	Postsecondary teachers	University
2200	Postsecondary teachers	College Professor
		Professor of Physics in a College or
2200	Postsecondary teachers	University
		Professor of Business Administration in a
2200	Postsecondary teachers	College or University
2200	Postsecondary teachers	Professor of Drama in a College or University
		Professor of Mathematics in a College or
2200	Postsecondary teachers	University
		Professor of Foreign Languages at a College
2200	Postsecondary teachers	or University
		Professor of Social Work in a College or
2200	Postsecondary teachers	University
2300	Preschool and kindergarten teachers	Nursery School Teacher
2310	Elementary and middle school teachers	Public Grade School Teacher
2320	Secondary school teachers	High School Teacher
2330	Special education teachers	Instructor in a School for the Handicapped
2330	Special education teachers	special education teacher
2340	Other teachers and instructors	Driving School Teacher
	Archivists, curators, and museum	
2400	technicians	Museum Curator
	Archivists, curators, and museum	
2400	technicians	Owner of an Art Gallery
2430	Librarians	Professionally Trained Librarian
2440	Library technicians	library circulation technician
2540	Teacher assistants	Teacher's Aide in an Elementary School
	Other education, training, and library	
2550	workers	County Agricultural Agent
	38	

2600	Artists and related workers	Commercial Artist
2630	Designers	Window Display Artist
2630	Designers	Fashion Designer
2630	Designers	Interior Decorator
2630	Designers	Greenhouse Florist
2700	Actors	Actor
2700	Actors	Actress
2700	Actors	Actor
2700	Actors	Actress
2710	Producers and directors	TV Director
	Athletes, coaches, umpires, and related	
2720	workers	Professional Athlete
2740	Dancers and choreographers	Ballet Dancer
2750	Musicians, singers, and related workers	Musician in a Symphony Orchestra
2750	Musicians, singers, and related workers	Jazz Musician
2750	Musicians, singers, and related workers	Member of a Rock Band
	Entertainers and performers, sports and	
2760	related workers, all other	Fortune Teller
2800	Announcers	TV Announcer
2800	Announcers	Disc Jockey
2800	Announcers	Public-Address Announcer at a Train
	News analysts, reporters and	
2810	correspondents	Journalist
	News analysts, reporters and	
2810	correspondents	Restaurant Critic for a Newspaper
	News analysts, reporters and	
2810	correspondents	TV Anchor
	News analysts, reporters and	
2810	correspondents	TV Anchorwoman
	News analysts, reporters and	
2810	correspondents	TV Anchorman
2825	Public relations specialists	Lobbyist
2825	Public relations specialists	Public Relations specialist
2825	Public relations specialists	Public Relations Woman
2830	Editors	magazine editor
2830	Editors	copy editor
2840	Technical writers	Writer of Technical Manuals
2850	Writers and authors	Author
	Miscellaneous media and communication	
2860	workers	Foreign Language Translator
	Broadcast and sound engineering	
2900	technicians and radio operators	Sound Mixer in a Television Station
	Broadcast and sound engineering	
2900	technicians and radio operators	Radio operator
2910	Photographers	Photographer
	20	

Station

2920	Television, video, and motion picture camera operators and editors	film editor
2920	Television, video, and motion picture camera operators and editors	cinematographer
2960	Media and communication equipment workers, all other	satellite communications operator
	Media and communication equipment	
2960	workers, all other	spotlight operator
3000	Chiropractors	Chiropractor
3010	Dentists	Dentist
3030	Dietitians and nutritionists	Dietitian in a Hospital
3040	Optometrists	Optometrist
3050	Pharmacists	Druggist
3050	Pharmacists	Pharmacist
3060	Physicians and surgeons	Obstetrician/Gynecologist
3060	Physicians and surgeons	Surgeon
3060	Physicians and surgeons	Physician
3060	Physicians and surgeons	Psychiatrist
3060	Physicians and surgeons	Immunologist
3060	Physicians and surgeons	Cosmetic Surgeon
3110	Physician assistants	Physician's Assistant
3120	Podiatrists	Podiatrist
3120	Podiatrists	foot doctor
3140	Audiologists	clinical audiologist
3150	Occupational therapists	Occupational Therapist
3160	Physical therapists	Physical Therapist
3200	Radiation therapists	radiation therapist
3210	Recreational therapists	drama therapist
3220	Respiratory therapists	Oxygen Therapist
3230	Speech-language pathologists	Speech Therapist
3235	Exercise physiologists	exercise therapist
3245	Therapists, all other	Professionally Trained Health Therapist
3250	Veterinarians	Veterinarian
3255	Registered nurses	Registered Nurse
3255	Registered nurses	First Aid Nurse
3256	Nurse anesthetists	nurse anesthetist
3257	Nurse midwives	Midwife
3258	Nurse practitioners	Nurse Practitioner
	Health diagnosing and treating	
3260	practitioners, all other	Acupuncturist
3300	Clinical laboratory technologists and technicians	Medical Technician
	Clinical laboratory technologists and	
3300	technicians	pathology technician
3310	Dental hygienists	Dental Hygienist
	40	

3320	Diagnostic related technologists and technicians	X-ray Technician
3400	Emergency medical technicians and paramedics	Paramedic
3420	Health practitioner support technologists and technicians	pharmacist technician
3420	Health practitioner support technologists and technicians	dietary technician
3500	Licensed practical and licensed vocational nurses	Licensed Practical Nurse
	Medical records and health information	
3510	technicians	Medical-Record Librarian in a Hospital
3520	Opticians, dispensing	Optician
3535	Miscellaneous health technologists and technicians	artificial limb fitter
3535	Miscellaneous health technologists and technicians	hearing aid technician
3540	Other healthcare practitioners and technical occupations	dialysis technician
	Other healthcare practitioners and technical	
3540	occupations	Natural Childbirth and Infant Care Instructor
3600	Nursing, psychiatric, and home health aides	Home-Care Aide for the Elderly
3600 3610	Nursing, psychiatric, and home health aides Occupational therapy assistants and aides	Hospital Attendant occupational rehabilitation aide
3620	Physical therapist assistants and aides	Physical Therapy Assistant
3630	Massage therapists	Masseur
3630	Massage therapists	massage therapist
3630	Massage therapists	Masseuse
3640	Dental assistants	Dentist's Attendant
3645	Medical assistants	chiropractic assistant
3646	Medical transcriptionists	medical transcriber
3647	Pharmacy aides	prescription clerk
	Veterinary assistants and laboratory animal	
3648	caretakers	veterinarian assistant
3649	Phlebotomists	technician drawing blood
3655	Miscellaneous healthcare support occupations, including medical equipment	
	preparers	prosthetic aide
3700	First-line supervisors of correctional officers	Houseparent in a State Reformatory
3700	First-line supervisors of correctional officers	corrections officers supervisor
3710	First-line supervisors of police and detectives	Police Lieutenant

3710	First-line supervisors of police and detectives	County Sheriff
3720	First-line supervisors of fire fighting and prevention workers	Fire Department Lieutenant
	First-line supervisors of protective service	
3730	workers, all other	Museum Security Chief
3740	Firefighters	Fireman
3750	Fire inspectors	Fire Inspector
3800	Bailiffs, correctional officers, and jailers	Prison Guard
3800	Bailiffs, correctional officers, and jailers	Court Bailiff
3820	Detectives and criminal investigators	Narcotics Investigator
3830	Fish and game wardens	game warden
3830	Fish and game wardens	wildlife officer
3840	Parking enforcement workers	meter maid
3840	Parking enforcement workers	parking enforcement officer
3850	Police and sheriff's patrol officers	Border Patrol Agent
3850	Police and sheriff's patrol officers	Customs Inspector
3850	Police and sheriff's patrol officers	Police Officer
3850	Police and sheriff's patrol officers	Policeman
3850	Police and sheriff's patrol officers	Secret Service Agent
3850	Police and sheriff's patrol officers	Policewoman
3860	Transit and railroad police	railroad detective
3860	Transit and railroad police	transit authority police
3900	Animal control workers	Animal-Control Officer
3910	Private detectives and investigators	Private Detective
	Security guards and gaming surveillance	
3930	officers	Security Guard in a Bank
3940	Crossing guards	School-Crossing Guard
3945	Transportation security screeners	airport security screener
	Lifeguards and other recreational, and all	
3955	other protective service workers	playground monitor
	Lifeguards and other recreational, and all	
3955	other protective service workers	lifeguard
4000	Chefs and head cooks	head cook
4000	Chefs and head cooks	executive chef
	First-line supervisors of food preparation	
4010	and serving workers	Cafeteria Supervisor
4020	Cooks	Cook in a Restaurant
4020	Cooks	Short-Order Cook
4020	Cooks	Cook in a Private Home
4020	Cooks	Cook in a Pizza Shop
4030	Food preparation workers	Salad Maker in a Hotel Kitchen
4040	Bartenders	Bartender
	Combined food preparation and serving	
4050	workers, including fast food	Counter Clerk in a Fast Food Place
	12	

Place

	Counter attendants, cafeteria, food
4060	concession, and coffee shop
	Counter attendants, cafeteria, food
4060	concession, and coffee shop
4110	Waiters and waitresses
4110	Waiters and waitresses
4120	Food servers, nonrestaurant
	Dining room and cafeteria attendants and
4130	bartender helpers
4140	Dishwashers
	Hosts and hostesses, restaurant, lounge,
4150	and coffee shop
	Hosts and hostesses, restaurant, lounge,
4150	and coffee shop
	Food preparation and serving related
4160	workers, all other
	First-line supervisors of housekeeping and
4200	janitorial workers
4240	First-line supervisors of landscaping, lawn
4210	service, and groundskeeping workers
4220	Janitors and building cleaners
4230	Maids and housekeeping cleaners
4230 4230	Maids and housekeeping cleaners
4230	Maids and housekeeping cleaners Pest control workers
4240	Grounds maintenance workers
4200	First-line supervisors of gaming workers
4300	First-line supervisors of gaming workers
4300	First-line supervisors of personal service
4320	workers
	First-line supervisors of personal service
4320	workers
4340	Animal trainers
4340	Animal trainers
4350	Nonfarm animal caretakers
4350	Nonfarm animal caretakers
4400	Gaming services workers
4400	Gaming services workers
4410	Motion picture projectionists
4420	Ushers, lobby attendants, and ticket takers
4420	Ushers, lobby attendants, and ticket takers
	Miscellaneous entertainment attendants
4430	and related workers
4460	Embalmers and funeral attendants
4460	Embalmers and funeral attendants

Delicatessen Counter Clerk in a Grocery Store Soda Jerk Waiter in a Restaurant Waitress in a Restaurant Party Caterer Table Clearer in a Restaurant Dishwasher restaurant hostess maitre D' kitchen steward Supervisor of a Janitorial Service Ground Crew Supervisor in a Public Park Janitor Housekeeper in a Private Home Cleaning Woman in Private Homes Hotel Chambermaid Termite Exterminator Tree Surgeon poker room supervisor casino slots supervisor Owner of a Bowling Alley **Playground Director** horse breaker guidedog trainer animal shelter worker dog groomer blackjack dealer betting clerk **Motion Picture Projectionist** Head Usher Theater Usher

Attendant in an Ice-Skating Rink funeral home assistant embalmer

	Morticians, undertakers, and funeral	
4465	directors	Funeral Director
4500	Barbers	Barber
	Hairdressers, hairstylists, and	
4510	cosmetologists	Electrolysis Operator
	Hairdressers, hairstylists, and	
4510	cosmetologists	Hair Stylist
	Hairdressers, hairstylists, and	
4510	cosmetologists	Beauty Operator
4520	Missellaneous personal appearance workers	moniourist
4520	Miscellaneous personal appearance workers	manicurist
4530	Baggage porters, bellhops, and concierges	Skycap
4530	Baggage porters, bellhops, and concierges	Bell Boy in a Hotel
4540	Tour and travel guides	Sightseeing Guide
4600	Childcare workers	Professional Babysitter
4600	Childcare workers	Day Care Aide
4610	Personal care aides	eldercare aide
4620	Recreation and fitness workers	Camp Counselor
4620	Recreation and fitness workers	Aerobics Instructor
4640	Residential advisors	dormitory counselor
4640	Residential advisors	house parent in institution
4650	Personal care and service workers, all other	Shoeshiner
4700	First-line supervisors of retail sales workers	cashier supervisor
4700	First-line supervisors of retail sales workers	Automobile Dealer
4710	First-line supervisors of non-retail sales	
	workers	insurance sales supervisor
4720	Cashiers	Cashier in a Supermarket
4720	Cashiers	Toll Bridge Collector
4720	Cashiers	Bridge Toll Collector
4740	Counter and rental clerks	Car Rental Agent
4740	Counter and rental clerks	Photo-Booth Operator
4750	Parts salespersons	Counter Clerk in a Auto Parts Store
4750	Parts salespersons	Parts Clerk
4760	Retail salespersons	Salesperson in an Appliance Store
4760	Retail salespersons	Sales Clerk in a Store
4760	Retail salespersons	Used Car Salesman
4760	Retail salespersons	Salesperson in a Furniture Store
4760	Retail salespersons	Salesperson in a Hardware Store
4760	Retail salespersons	Salesperson in a Store
4760	Retail salespersons	Salesperson in a Shoe Store
4760	Retail salespersons	Salesperson in a Designer Boutique
4760	Retail salespersons	Dry-Goods Clerk in a Variety Store
4800	Advertising sales agents	Advertising Salesman
4810	Insurance sales agents	Insurance Agent

	Securities, commodities, and financial	
4820	services sales agents	Stock and Bond Salesman
4830	Travel agents	Travel Agent
4840	Sales representatives, services, all other	business services sales representative
	Sales representatives, wholesale and	
4850	manufacturing	Manufacturer's Representative
	Sales representatives, wholesale and	
4850	manufacturing	Pharmaceutical Representative
	Sales representatives, wholesale and	
4850	manufacturing	Traveling Salesman for a Wholesale Concern
4050	Sales representatives, wholesale and	
4850	manufacturing	Wholesale Distributor
4900	Models, demonstrators, and product	Home Products Demonstrator
4900	promoters	Home Products Demonstrator
4900	Models, demonstrators, and product promoters	Fashion Model
4920	Real estate brokers and sales agents	Real Estate Agent
4930	Sales engineers	Sales Engineer
4940	Telemarketers	Telephone Solicitor
	Door-to-door sales workers, news and	
4950	street vendors, and related workers	Newspaper Peddler
	Door-to-door sales workers, news and	
4950	street vendors, and related workers	Door-to-Door Salesman
	Door-to-door sales workers, news and	
4950	street vendors, and related workers	Pushcart Vendor
	Door-to-door sales workers, news and	
4950	street vendors, and related workers	Swap Meet Vendor
4050	Door-to-door sales workers, news and	Door-to-Door Saleswoman
4950	street vendors, and related workers	Door-to-Door Saleswornan
4950	Door-to-door sales workers, news and street vendors, and related workers	Door-to-Door Salesman
4550	Door-to-door sales workers, news and	
4950	street vendors, and related workers	Door-to-Door Saleswoman
4965	Sales and related workers, all other	Bridal Consultant
4965	Sales and related workers, all other	Auctioneer
4965	Sales and related workers, all other	Comparison Shopper for a Grocery Store
4965	Sales and related workers, all other	Home Improvement Salesperson
4965	Sales and related workers, all other	Leaflet Distributor
	First-line supervisors of office and	Computer Room Supervisor for a Business
5000	administrative support workers	Firm
	First-line supervisors of office and	
5000	administrative support workers	Office Supervisor
F000	First-line supervisors of office and	
5000	administrative support workers	Payroll Supervisor

	First-line supervisors of office and
5000	administrative support workers
	First-line supervisors of office and
5000	administrative support workers
	First-line supervisors of office and
5000	administrative support workers
	Switchboard operators, including answering
5010	service
5020	Telephone operators
5030	Communications equipment operators, all other
	Communications equipment operators, all
5030	other
5100	Bill and account collectors
5110	Billing and posting clerks
5110	Billing and posting clerks
	Bookkeeping, accounting, and auditing
5120	clerks
5130	Gaming cage workers
5140	Payroll and timekeeping clerks
5150	Procurement clerks
5160	Tellers
5165	Financial clerks, all other
5200	Brokerage clerks
5210	Correspondence clerks
5220	Court, municipal, and license clerks
5230	Credit authorizers, checkers, and clerks
5240	Customer service representatives
5240	Customer service representatives
5240	Customer service representatives
02.0	Eligibility interviewers, government
5250	programs
5260	File Clerks
5260	File Clerks
5300	Hotel, motel, and resort desk clerks
5310	Interviewers, except eligibility and loan
5320	Library assistants, clerical
5330	Loan interviewers and clerks
5340	New accounts clerks
5350	Order clerks
5350	Order clerks
	Human resources assistants, except payroll
5360	and timekeeping
5400	Receptionists and information clerks

Supervisor of a Branch Telephone Exchange **Typing Pool Supervisor Telephone-Answering-Service Operator Telephone Operator Telegraph Operator** fax machine operator **Bill Collector** Billing Clerk **Billing-Machine Operator** Bookkeeper casino cashier Payroll Clerk purchasing clerk **Bank Teller** Currency Sorter in a Bank brokerage clerk Correspondence Clerk Court Clerk Credit-Card Record Clerk for a Department Store Customer-Complaint Clerk Lost-and-Found Clerk in a Department Store Passenger Service Representative Eligibility Interviewer for a Social Welfare Agency **Record Keeper** File Clerk Desk Clerk in a Hotel market research interviewer Library Book Shelver Loan Processor for a Bank clerk opening new accounts at bank Mail-Order Clerk Classified Ad Taker for a Newspaper **Employment Clerk**

Mailroom Supervisor for a Private Company

Receptionist

Reservation and transportation ticket 5410 agents and travel clerks **Railroad Ticket Agent** Reservation and transportation ticket 5410 agents and travel clerks Airline Ticket Agent student admissions clerk 5420 Information and record clerks, all other 5500 Cargo and freight agents cargo router 5500 Cargo and freight agents freight shipping agent 5510 Couriers and messengers **Bicycle Messenger** 5520 Dispatchers Truck Dispatcher 5530 Meter readers, utilities Meter Reader for a Gas or Electric Company 5540 Postal service clerks Post Office Clerk 5550 Postal service mail carriers Mailman 5560 Postal service mail sorters, processors, and processing machine operators post office mail sorter 5600 Production, planning, and expediting clerks Order Expediter for a Wholesale Business 5600 Production, planning, and expediting clerks Material Lister for a Construction Company 5610 Shipping, receiving, and traffic clerks Shipping Clerk 5620 Stock clerks and order fillers Shelf Stocker in a Grocery Store 5620 Stock clerks and order fillers Stock Taker in a Department Store 5620 Stock clerks and order fillers Stockroom Attendant 5620 Stock clerks and order fillers Price Marker in a Retail Store 5630 Weighers, measurers, checkers, and samplers, recordkeeping weight station operator 5630 Weighers, measurers, checkers, and samplers, recordkeeping scale attendant 5700 Secretaries and administrative assistants Secretary 5700 Secretaries and administrative assistants Administrative Assistant 5800 Computer operators **Computing Machine Operator** 5810 Data entry keyers Data Entry Clerk 5820 Word processors and typists Typist 5820 Word processors and typists Word Processor 5830 Desktop publishers desktop publishing specialist Insurance claims and policy processing 5840 clerks **Claims Clerk** Insurance claims and policy processing 5840 clerks Insurance Application Evaluator Insurance claims and policy processing 5840 clerks Insurance Policy Information Clerk Mail clerks and mail machine operators, 5850 except postal service Mailroom Clerk for a Private Company Mail clerks and mail machine operators, 5850 except postal service Addressing-Machine Operator Mail clerks and mail machine operators, 5850 except postal service Clerk for a Private Mail Carrier 5860 Office clerks, general Office Helper for a Hospital

5860	Office clerks, general	Temporary Clerk in an Office
5860	Office clerks, general	Clerk in an Office
5860	Office clerks, general	Office Girl
5860	Office clerks, general	Part-Time Clerk in an Office
5860	Office clerks, general	Office Boy
5900	Office machine operators, except computer	Photocopying-Machine Operator
5910	Proofreaders and copy markers	Newspaper Proofreader
5920	Statistical assistants	statistical clerk
	Office and administrative support workers,	
5940	all other	Envelope Stuffer
	First-line supervisors of farming, fishing, and	
6005	forestry workers	Supervisor in a Logging Operation
	First-line supervisors of farming, fishing, and	
6005	forestry workers	Farm Foreman
6010	Agricultural inspectors	Government Meat Grader
		Agricultural Fruit Inspector for Insect
6010	Agricultural inspectors	Control
6020	Animal breeders	horse breeder
6040	Graders and sorters, agricultural products	meat grader
6050	Miscellaneous agricultural workers	Cattle Brander
6050	Miscellaneous agricultural workers	Laborer in a Commercial Fish Hatchery
6050	Miscellaneous agricultural workers	Farm Laborer
6050	Miscellaneous agricultural workers	Hog Raiser
6050	Miscellaneous agricultural workers	Migrant Worker
6050	Miscellaneous agricultural workers	Gardener
6050	Miscellaneous agricultural workers	Horse Stable Attendant
6050	Miscellaneous agricultural workers	Orange Grove Picker
6050	Miscellaneous agricultural workers	Cotton Picker
6050	Miscellaneous agricultural workers	Poultry Raiser
6050	Miscellaneous agricultural workers	Cotton Planter
6050	Miscellaneous agricultural workers	Sorting Machine Operator on a Farm
6050	Miscellaneous agricultural workers	Greenhouse Helper
6100	Fishers and related fishing workers	Commercial Fisher
6110	Hunters and trappers	Animal Trapper
6120	Forest and conservation workers	Forester's Aide
6130	Logging workers	Logger
6130	Logging workers	Lumber Stacker
0130	First-line supervisors of construction trades	
6200	and extraction workers	Construction Foreman
0200		construction roreman
6200	First-line supervisors of construction trades and extraction workers	Superintendent of a Construction Job
0200		Supermendent of a construction JOD
6200	First-line supervisors of construction trades and extraction workers	Gang Boss for a Mining Company
6210	Boilermakers	Boilermaker
0210	DUIIEI IIIdKEIS	DUIIEIIIIdKEI

	Brickmasons, blockmasons, and	
6220	stonemasons	Bricklayer
6230	Carpenters	House Carpenter
6240	Carpet, floor, and tile installers and finishers	Floor Refinisher
6240	Carpet, floor, and tile installers and finishers	Ceramic-Tile Setter
6240	Carpet, floor, and tile installers and finishers	Carpet Layer
	Cement masons, concrete finishers, and	
6250	terrazzo workers	Cement Finisher
6260	Construction laborers	Construction Laborer
6260	Construction laborers	Ditch Digger
	Paving, surfacing, and tamping equipment	
6300	operators	Black-Top-Machine Operator
6310	Pile-driver operators	pile-driver operator
	Operating engineers and other construction	
6320	equipment operators	Steam-Shovel Operator
	Operating engineers and other construction	Heavy-Equipment Operator on a Road
6320	equipment operators	Construction Job
	Operating engineers and other construction	
6320	equipment operators	Steam Roller Operator
	Drywall installers, ceiling tile installers, and	
6330	tapers	Sheet-Rock Installer
6355	Electricians	Apprentice Electrician
6355	Electricians	Electrician
6355	Electricians	Neon-Sign Erector
6360	Glaziers	Window Glass Installer
6400	Insulation workers	Insulation Installer
6420	Painters, construction and maintenance	House Painter
6430	Paperhangers	Paperhanger
	Pipelayers, plumbers, pipefitters, and	
6440	steamfitters	Plumber
	Pipelayers, plumbers, pipefitters, and	
6440	steamfitters	Apprentice Plumber
6460	Plasterers and stucco masons	Plasterer
6500	Reinforcing iron and rebar workers	rebar (reinforcing iron bar) worker
6515	Roofers	Roofer
6520	Sheet metal workers	Sheet-Metal Duct Installer
6520	Sheet metal workers	Apprentice Sheet Metalsmith
6530	Structural iron and steel workers	bridge ironworker
6540	Solar photovoltaic installers	solar panel installer
6600	Helpers, construction trades	Carpenter's Helper
6660	Construction and building inspectors	Elevator Safety Inspector
6660	Construction and building inspectors	Elevator Examiner
	49	

6700	Elevator installers and repairers	Elevator Repairer
6710	Fence erectors	fence installer
6720	Hazardous materials removal workers	hazardous material
6730	Highway maintenance workers	Highway Maintena
	Rail-track laying and maintenance	
6740	equipment operators	rail track repairer
	Septic tank servicers and sewer pipe	
6750	cleaners	septic tank cleaner
	Miscellaneous construction and related	
6765	workers	Construction Rivete
	Miscellaneous construction and related	
6765	workers	Scaffold Builder
	Derrick, rotary drill, and service unit	
6800	operators, oil, gas, and mining	Oil-Well Driller
6820	Earth drillers, except oil and gas	Water Well Driller
6820	Earth drillers, except oil and gas	Water Well Drilling
	Explosives workers, ordnance handling	
6830	experts, and blasters	Dynamite Blaster
	Explosives workers, ordnance handling	
6830	experts, and blasters	Blasting Powder Ca
6840	Mining machine operators	Drilling Machine Op
6840	Mining machine operators	Coal Miner
6910	Roof bolters, mining	roof bolter in mine
6920	Roustabouts, oil and gas	oil rig worker
6930	Helpersextraction workers	Dirt Shoveler in a N
6940	Other extraction workers	sandfill operator in
	First-line supervisors of mechanics,	
7000	installers, and repairers	Supervisor in a Aut
	Computer, automated teller, and office	
7010	machine repairers	Computer Repairer
	Radio and telecommunications equipment	
7020	installers and repairers	Telephone Installer
	Radio and telecommunications equipment	
7020	installers and repairers	Radio Tester
7030	Avionics technicians	aircraft electrician
	Electric motor, power tool, and related	
7040	repairers	Electric Motor Repa
7050	Electrical and electronics installers and	
	repairers, transportation equipment	locomotive electric
	Electrical and electronics repairers,	
7100	industrial and utility	Electric Power Stati
	Electrical and electronics repairers,	
7100	industrial and utility	Cash Register Repa
7110	Electronic equipment installers and	
	repairers, motor vehicles	car alarm installer

Elevator Repairer fence installer hazardous materials removal worker Highway Maintenance Person rail track repairer septic tank cleaner **Construction Riveter** Scaffold Builder **Oil-Well Driller** Water Well Driller Water Well Drilling Roughneck **Dynamite Blaster** Blasting Powder Carrier in a Mine Drilling Machine Operator in a Mine Coal Miner roof bolter in mine oil rig worker Dirt Shoveler in a Mine sandfill operator in a mine Supervisor in a Auto Repair Shop **Computer Repairer Telephone Installer** Radio Tester aircraft electrician **Electric Motor Repairer** locomotive electrician **Electric Power Station Attendant** Cash Register Repairman

	Electronic home entertainment equipment	
7120	installers and repairers	TV Repairman
7130	Security and fire alarm systems installers	burglar alarm installer
7130	Security and fire alarm systems installers	fire alarm installer
7140	Aircraft mechanics and service technicians	Airplane Mechanic
7150	Automotive body and related repairers	autobody repairer
7160	Automotive glass installers and repairers	windshield installer
	Automotive service technicians and	
7200	mechanics	Automobile Repairwoman
7200	Automotive service technicians and	
7200	mechanics	Automobile Mechanic
7200	Automotive service technicians and mechanics	Automobile Benzirman
7200		Automobile Repairman
7200	Automotive service technicians and mechanics	Grease Monkey in a Service Station
7200	Automotive service technicians and	Grease Monkey in a Service Station
7200	mechanics	Mechanic
, 200	Automotive service technicians and	
7200	mechanics	Apprentice Auto Mechanic
	Bus and truck mechanics and diesel engine	
7210	specialists	Diesel Motor Mechanic
	Heavy vehicle and mobile equipment	
7220	service technicians and mechanics	Locomotive Repairman
7220	Heavy vehicle and mobile equipment	
	service technicians and mechanics	bulldozer mechanic
7240	Small engine mechanics	Lawn Mower Engine Repairer
7260	Miscellaneous vehicle and mobile	
	equipment mechanics, installers, and	
	repairers	bicycle repairer
7260	Miscellaneous vehicle and mobile	
	equipment mechanics, installers, and	
	repairers	rv (recreational vehicle) mechanic
7300	Control and valve installers and repairers	Electric-Meter Installer
7245	Heating, air conditioning, and refrigeration	Air Conditioning Machania
7315	mechanics and installers	Air Conditioning Mechanic
7320	Home appliance repairers	Home Refrigerator Repairer
7330	Industrial and refractory machinery mechanics	Loom Fixer in a Textile Mill
/330		
7330	Industrial and refractory machinery mechanics	foundry equipment mechanic
7340	Maintenance and repair workers, general	Mechanical Trouble Shooter
7350	Maintenance workers, machinery	Machine Oiler
7360	Millwrights	Milwright
	5	5
7410	Electrical power-line installers and repairers	Pole Climber for a Telephone Company

7410	Electrical power-line installers and repairers	electric power lineman
	Telecommunications line installers and	
7420	repairers	cable TV installer
7420	Precision instrument and equipment	
7430	repairers	Watch Assembler
7420	Precision instrument and equipment	Diana Tunar
7430	repairers Wind turbine service technicians	Piano Tuner wind turbine mechanic
7440 7510		which turbine mechanic
7510	Coin, vending, and amusement machine servicers and repairers	video game repairer in arcade
	Coin, vending, and amusement machine	
7510	servicers and repairers	Vending Machine Coin Collector
7520	Commercial divers	Deep-Sea Diver
7540	Locksmiths and safe repairers	Key Maker
7540	Locksmiths and safe repairers	Locksmith
	Manufactured building and mobile home	
7550	installers	mobile home installer
7560	Riggers	Steel Rigger on a Construction Job
7600	Signal and track switch repairers	railroad signal mechanic
	Helpersinstallation, maintenance, and	
7610	repair workers	Mechanic's Helper
	Other installation, maintenance, and repair	
7630	workers	Auto Wrecker
7020	Other installation, maintenance, and repair	
7630	workers	Irrigation Pump Installer
7700	First-line supervisors of production and operating workers	supervisor in a Machine Shop
//00	First-line supervisors of production and	supervisor in a Machine Shop
7700	operating workers	Foreman in a Factory
	First-line supervisors of production and	
7700	operating workers	Station Chief for a Natural Gas Pipe Line
7710	Aircraft structure, surfaces, rigging, and	
	systems assemblers	aircraft riveter
	Electrical, electronics, and	
7720	electromechanical assemblers	Sewing Machine Assembler
7730	Engine and other machine assemblers	machine assembler
7740	Structural metal fabricators and fitters	Fitter in a Shipyard
7750	Miscellaneous assemblers and fabricators	Assembly Line Worker
		Door Fitter in an Automobile Production
7750	Miscellaneous assemblers and fabricators	Line
7750	Miscellaneous assemblers and fabricators	Battery Assembler
7800	Bakers	Baker
	Butchers and other meat, poultry, and fish	
7810	processing workers	Butcher in a Store

	Butchers and other meat, poultry, and fish	
7810	processing workers	Meat Cutter in a Meat Cutting Plant
7810	Butchers and other meat, poultry, and fish processing workers	Cattle Killer in a Slaughtering Plant
7830	Food and tobacco roasting, baking, and drying machine operators and tenders	Nut Roaster
7840	Food batchmakers	Cheese Maker
7840	Food batchmakers	Sausage Mixer
	Food cooking machine operators and	5
7850	tenders	donut machine operator
	Food cooking machine operators and	
7850	tenders	potato chip fryer
7855	Food processing workers, all other	yeast maker
7855	Food processing workers, all other	food processing worker
7900	Computer control programmers and operators	Tool Programmer in a Manufacturing Plant
7920	Extruding and drawing machine setters,	
	operators, and tenders, metal and plastic	wire pulling machine operator
	Forging machine setters, operators, and	
7930	tenders, metal and plastic	Forge Operator in a Steel Mill
7940	Rolling machine setters, operators, and tenders, metal and plastic	Rolling Mill Operator in a Metal Shop
7940	•	
	Cutting, punching, and press machine setters, operators, and tenders, metal and	
7950	plastic	Metal-Stamping-Machine Operator
	Drilling and boring machine tool setters,	
7960	operators, and tenders, metal and plastic	Drill-Press Operator
	Grinding, lapping, polishing, and buffing	
<u>8000</u>	machine tool setters, operators, and tenders, metal and plastic	Saw Sharpener
8000		Saw Sharpener
	Grinding, lapping, polishing, and buffing machine tool setters, operators, and	
8000	tenders, metal and plastic	Watch-Crystal Grinder
	Lathe and turning machine tool setters,	
8010	operators, and tenders, metal and plastic	Lathe Operator
8020	Milling and planing machine setters,	
0020	operators, and tenders, metal and plastic	milling machine operator
8030 8030	Machinists Machinists	Apprentice to a Machinist Machinist
8030	Metal furnace operators, tenders, pourers,	Machinist
8040	and casters	Metal Caster in a Foundry
	Model makers and patternmakers, metal	-
8060	and plastic	Pattern Maker in a Metal Shop
0000	Model makers and patternmakers, metal	
8060	and plastic	Stencil Cutter

8100	Molders and molding machine setters, operators, and tenders, metal and plastic	mold maker in foundry
8100	Molders and molding machine setters, operators, and tenders, metal and plastic	molding machine operator
8120	Multiple machine tool setters, operators, and tenders, metal and plastic	combination machine tool operator
8130	Tool and die makers	Tool and Die Maker
8140	Welding, soldering, and brazing workers	Welder
8140	Welding, soldering, and brazing workers	Metal Solderer
8150	Heat treating equipment setters, operators, and tenders, metal and plastic	Heat-Sealing-Machine Operator
	Heat treating equipment setters, operators,	
8150	and tenders, metal and plastic	Steel Temperer
8160	Layout workers, metal and plastic	ship fitter apprentice
	Plating and coating machine setters,	
8200	operators, and tenders, metal and plastic	Metal Plater
8210	Tool grinders, filers, and sharpeners	Tool Sharpener
8210	Tool grinders, filers, and sharpeners	Die Grinder
8220	Metal workers and plastic workers, all other	Skilled Craftsman in a Metalworking Shop
8220	Metal workers and plastic workers, all other	Machine Set-up Man in a Factory
8250	Prepress technicians and workers	Photoengraver
8250	Prepress technicians and workers	Typesetter
8255	Printing press operators	Printing Press Operator
8256	Print binding and finishing workers	Bookbinding Machine Operator
8300	Laundry and dry-cleaning workers	Dry Cleaner
8300	Laundry and dry-cleaning workers	Laundress
	Pressers, textile, garment, and related	
8310	materials	Steam Presser in a Garment Factory
8320	Sewing machine operators	Sewing Machine Operator
8330	Shoe and leather workers and repairers	Proprietor of a Shoe Repair Shop
8330	Shoe and leather workers and repairers	Shoemaker
8340	Shoe machine operators and tenders	Machine Operator in a Shoe Factory
8350	Tailors, dressmakers, and sewers	Tailor
8350	Tailors, dressmakers, and sewers	Custom Seamstress
8360	Textile bleaching and dyeing machine operators and tenders	Cloth Dyer
8400	Textile cutting machine setters, operators, and tenders	Carpet Cutter for a Rug Manufacturer
8410	Textile knitting and weaving machine setters, operators, and tenders	Loom Operator
8420	Textile winding, twisting, and drawing out machine setters, operators, and tenders	Yarn Spinner in a Textile Mill
8430	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers 54	fiber machine tender

	Extruding and forming machine setters,	
0420	operators, and tenders, synthetic and glass	Doiling Ma
8430	fibers	Bailing-Ma
8440	Fabric and apparel patternmakers	Preparer o
8450	Upholsterers	Upholster
8460	Textile, apparel, and furnishings workers, all other	Milliner
8460	Textile, apparel, and furnishings workers, all other	Machine C
8460	Textile, apparel, and furnishings workers, all other	Hand Lace
	Textile, apparel, and furnishings workers, all	
8460	other	Tent Make
8500	Cabinetmakers and bench carpenters	Cabinet M
8510	Furniture finishers	Furniture l
8520	Model makers and patternmakers, wood	Wood-Mo
	Sawing machine setters, operators, and	
8530	tenders, wood	Wood Mill
	Woodworking machine setters, operators,	Stapling-M
8540	and tenders, except sawing	Factory
8540	Woodworking machine setters, operators,	
	and tenders, except sawing	wood lath
	Woodworking machine setters, operators,	Bender Ma
8540	and tenders, except sawing	Factory
8550	Woodworkers, all other	Wood Car
	Power plant operators, distributors, and	
8600	dispatchers	power pla
	Power plant operators, distributors, and	
8600	dispatchers	nuclear pla
8610	Stationary engineers and boiler operators	Pump-Hou
8610	Stationary engineers and boiler operators	Steam Boi
	Water and wastewater treatment plant and	
8620	system operators	Disposal P
8630	Miscellaneous plant and system operators	Oil Refinin
0640	Chemical processing machine setters,	DeenMale
8640	operators, and tenders	Beer Make
0040	Chemical processing machine setters,	Turnantin
8640	operators, and tenders	Turpentine
9650	Crushing, grinding, polishing, mixing, and	Flour Mills
8650	blending workers	Flour Mille
QGEA	Crushing, grinding, polishing, mixing, and	Cruching N
8650 8710	blending workers Cutting workers	Crushing-N
8710 8710	Cutting workers Cutting workers	Carpet Cut
0110		Cutting Ma

8710 Cutting workers

lachine Operator of Clothing Patterns rer Operator in a Textile Mill e Maker er Лaker Refinisher odel Maker ller Machine Operator in a Furniture ne operator lachine Operator in a Furniture rver ant operator lant operator use Engineer iler Fireman Plant Operator ng Equipment Operator ker ne Distiller ler

Crushing-Machine Operator Carpet Cutter in a Rug Store Cutting Machine Operator

8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	Cigarette-Making Machine
8720 8730	Extruding, forming, pressing, and compacting machine setters, operators, and tenders Furnace, kiln, oven, drier, and kettle	Rubber-Stamp Maker
	operators and tenders	lime kiln operator
8740	Inspectors, testers, sorters, samplers, and weighers	Car-Tester for an Automo
8740	Inspectors, testers, sorters, samplers, and weighers	Sample Collector in a Che
8740	Inspectors, testers, sorters, samplers, and weighers	Quality Checker in a Man
8740	Inspectors, testers, sorters, samplers, and weighers	Crude Oil Tester in a Petro
8740	Inspectors, testers, sorters, samplers, and weighers	Paper Tester in a Pulp Mil
8740	Inspectors, testers, sorters, samplers, and weighers	Milk Tester
8740	Inspectors, testers, sorters, samplers, and weighers	Sample Collector in a Pulp
8740	Inspectors, testers, sorters, samplers, and weighers	Cloth Grader in a Textile N
8740	Inspectors, testers, sorters, samplers, and weighers	Paint Tester in a Paint Ma
8740	Inspectors, testers, sorters, samplers, and weighers	Tea Taster
8750	Jewelers and precious stone and metal workers	Jewelry Repairman
8750	Jewelers and precious stone and metal workers	Jewelry Maker
8760	Medical, dental, and ophthalmic laboratory technicians	Dental Crown and Bridge
	Medical, dental, and ophthalmic laboratory	-
8760	technicians Medical, dental, and ophthalmic laboratory	Lens Grinder
8760	technicians Packaging and filling machine operators and	Orthopedic Brace Maker
8800	tenders Packaging and filling machine operators and	Potato-Chip-Sacking-Mac
8800 8810	tenders	bottle capping machine o
8810 8810	Painting workers Painting workers	Sign Painter Automobile Painter
8810	Painting workers	Foam Machine Operator
	F6	

Cigarette-Making Machine Operator Rubber-Stamp Maker lime kiln operator Car-Tester for an Automobile Factory Sample Collector in a Chemical Plant Quality Checker in a Manufacturing Plant Crude Oil Tester in a Petroleum Refinery Paper Tester in a Pulp Mill Milk Tester Sample Collector in a Pulp Mill Cloth Grader in a Textile Mill Paint Tester in a Paint Manufacturing Plant Tea Taster Jewelry Repairman Jewelry Maker Dental Crown and Bridge Maker Lens Grinder Orthopedic Brace Maker Potato-Chip-Sacking-Machine Operator bottle capping machine operator Sign Painter Automobile Painter

8810	Painting workers	Spr
	Photographic process workers and	
8830	processing machine operators	Pho
8840	Semiconductor processors	sen
	Adhesive bonding machine operators and	
8850	tenders	Ver
	Cleaning, washing, and metal pickling	
8860	equipment operators and tenders	Bot
	Cooling and freezing equipment operators	
8900	and tenders	refr
8910	Etchers and engravers	Gla
8910	Etchers and engravers	Me
	Molders, shapers, and casters, except metal	
8920	and plastic	Ton
	Molders, shapers, and casters, except metal	
8920	and plastic	Plas
	Molders, shapers, and casters, except metal	
8920	and plastic	Rub
	Paper goods machine setters, operators,	
8930	and tenders	Рар
	Paper goods machine setters, operators,	
8930	and tenders	Вох
	Paper goods machine setters, operators,	
8930	and tenders	Рар
8940	Tire builders	Tire
8940	Tire builders	Tire
8950	Helpersproduction workers	Blas
8950	Helpersproduction workers	Тос
8965	Production workers, all other	Ma
		Pill
8965	Production workers, all other	Plai
8965	Production workers, all other	Scra
	Supervisors of transportation and material	
9000	moving workers	Cra
	Supervisors of transportation and material	
9000	moving workers	Airl
	Supervisors of transportation and material	
9000	moving workers	Sup
	Supervisors of transportation and material	
9000	moving workers	Ser
0	Supervisors of transportation and material	-
9000	moving workers	Car
	Supervisors of transportation and material	~
9000	moving workers	Ow

ray Painter in a Manufacturing Plant otograph Developer miconductor assembler neer Glue Spreader ttle-Washing-Machine Operator rigerating machine operator ass Engraver etal Engraver mbstone Carver ster Mold Maker bber Mold Maker per Embossing Machine Operator x-Folding-Machine Operator per-Making Machine Tender e Retreader e-Mold Engraver ast Furnace Helper in a Steel Mill olroom Helper in a Chain Saw Factory achine Operator in a Factory Machine Operator in a Pharmaceutical nt rap Sorter in a Shoe Factory ane-Crew Supervisor at a Port Facility line Ground Crew Chief pervisor of a Truck Delivery Service rvice Station Manager rgo Supervisor for an Airline Owner of a Filling Station and Garage

9000	Supervisors of transportation and material moving workers	Load Planner for an Airline company
	Supervisors of transportation and material	
9000		Car-Wash Supervisor
9030	Aircraft pilots and flight engineers	Crop-Duster Pilot
9030	 Aircraft pilots and flight engineers 	Airline Flight Engineer
9030	Aircraft pilots and flight engineers	Astronaut
9030	Aircraft pilots and flight engineers	Airline Pilot
	Air traffic controllers and airfield operations	
9040	specialists	Air Traffic Controller
9050	Flight attendants	Airline flight attendant
9050	Flight attendants	Airline Stewardess
	Ambulance drivers and attendants, except	
9110	emergency medical technicians	Ambulance Driver
9120	Bus drivers	Bus Driver
9130	Driver/sales workers and truck drivers	Trailer Truck Driver
9130	Driver/sales workers and truck drivers	Local Delivery Truck Driver
9130	Driver/sales workers and truck drivers	Bottled-Water Delivery Driver
9140	Taxi drivers and chauffeurs	Taxicab Driver
9150	Motor vehicle operators, all other	Ore Train Motorman
9150	Motor vehicle operators, all other	Street-Sweeper Operator
9200	Locomotive engineers and operators	Locomotive Engineer
9230	Railroad brake, signal, and switch operators	Railroad Signal-Tower Operator
9230	Railroad brake, signal, and switch operators	Railroad Switchman
9240	Railroad conductors and yardmasters	Railroad Conductor
	Subway, streetcar, and other rail	
9260	transportation workers	subway operator
	Subway, streetcar, and other rail	
9260	transportation workers	railway equipment operator
9300	Sailors and marine oilers	Merchant Seaman
9310	Ship and boat captains and operators	Deck Officer on a Commercial Fishing Boat
9310	Ship and boat captains and operators	Canal Barge Pilot
9310	Ship and boat captains and operators	Ship's Captain
9330		Deck Engineer on a Ship
9340	Bridge and lock tenders	Drawbridge Tender
9350	Parking lot attendants	Parking Lot Attendant
	Automotive and watercraft service	
9360	attendants	Filling Station Attendant
9410	Transportation inspectors	Freight Checker
	Transportation attendants, except flight	
9415	attendants	train attendant
	Transportation attendants, except flight	
9415		ship steward
9420	·	airline refueler
9420	•	pedicab operator
	EQ	

9500	Conveyor operators and tenders	Conveyor-Belt Operator
9510	Crane and tower operators	Power Crane Operator
9510	Crane and tower operators	Boom Operator at a Marine Loading Dock
	Dredge, excavating, and loading machine	
9520	operators	dredge operator
	Dredge, excavating, and loading machine	
9520	operators	backhoe operator
9560	Hoist and winch operators	Skip-Hoist Operator
9600	Industrial truck and tractor operators	Fork-Lift Driver
9610	Cleaners of vehicles and equipment	Steam Cleaner for a Used Car Lot
9610	Cleaners of vehicles and equipment	Carwash Attendant
	Laborers and freight, stock, and material	
9620	movers, hand	Day Laborer
	Laborers and freight, stock, and material	
9620	movers, hand	Truck Driver's Helper
	Laborers and freight, stock, and material	
9620	movers, hand	Warehouse Hand
	Laborers and freight, stock, and material	
9620	movers, hand	Street sweeper
	Laborers and freight, stock, and material	
9620	movers, hand	Stage Hand
9630	Machine feeders and offbearers	Machine Attendant in a Factory
9630	Machine feeders and offbearers	Machine Feeder in a Manufacturing Plant
9640	Packers and packagers, hand	Gift Wrapper in a Department Store
9640	Packers and packagers, hand	Grocery Bagger
9640	Packers and packagers, hand	Egg Crate Packer
9640	Packers and packagers, hand	Packer in a Wholesale Vegetable Market
9650	Pumping station operators	oil well pumper
9650	Pumping station operators	pump operator
9720	Refuse and recyclable material collectors	Garbage Collector
9720	Refuse and recyclable material collectors	Trash Hauler
9730	Mine shuttle car operators	coal hauler operator
9740	Tank car, truck, and ship loaders	Longshoreman
9750	Material moving workers, all other	freight elevator operator
9750	Material moving workers, all other	Elevator Operator in a Building
	Military officer special and tactical	
9800	operations leaders	Colonel in the Army
9810	First-line enlisted military supervisors	sergeant
9810	First-line enlisted military supervisors	infantry unit leader
	Military enlisted tactical operations and	
9820	air/weapons specialists and crew members	Enlisted Man in the Army
	Military enlisted tactical operations and	
9820	air/weapons specialists and crew members	tank crew member
	Military enlisted tactical operations and	
9820	air/weapons specialists and crew members	army private

59

9830	Military, rank not specified
9830	Military, rank not specified