

# Affirmative Action Statistics

## Data Packet

### Compiled From American Community Survey 5-Year Data 2006 to 2010

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**Equal employment opportunity** is the objective of affirmative action programs. To achieve this goal, and to meet Equal Employment Opportunity compliance requirements, an affirmative action program must include an analysis of a contractor's employment of women and minorities, and goals and timetables to correct deficiencies.

**Affirmative action statistical packets:** These data packets are available to companies for completing an availability analysis and utilization/underutilization analysis. These packets are compiled and distributed by the Labor Market Information Office of the Minnesota Department of Employment and Economic Development in cooperation with the Minnesota Department of Human Rights to assist employers who are completing affirmative action plans.

For help understanding the data in your packet go to <http://mn.gov/deed/aa> .

**For assistance** in completing affirmative action forms or interpreting compliance regulations, contact the following:

**Federal forms:** Call 612/370-3177, or write:      Office of Federal Contract Compliance Programs  
International Center, Suite 480  
900 Second Ave. South  
Minneapolis MN 55402

Further information on the required contents of a federal affirmative action program is specified in the Code of Federal Regulations, 41 CFR 60-2.11.

**State forms:** Call 651/539-1100, or write:      Minnesota Department of Human Rights  
The Freeman Building  
625 Robert St. North  
St Paul MN 55155

email: [compliance.MDHR@state.mn.us](mailto:compliance.MDHR@state.mn.us)

This packet is available in alternative formats on request.

## Data Definitions

COC	Census Occupational Code - this is the original code that is used by the Census Bureau when they collect and aggregate the data.
Occupation	Title of occupation
SOC	Standard Occupational Code - this is the standard coding system used by the BLS and most labor market data products.
Labor Force	The labor force includes all people who are working or who want to work and are actively seeking employment. It excludes anyone under 16 and retirees or other people who are not looking for work.
White/Minority	The Census Bureau tracks race and ethnicity as separate classification systems. Moreover, people can self-identify on the form as one or more than one race.

In the table White percentage is for people who self-reported as White only and non-Hispanic. The Minority percentage includes anyone who reported as white plus another race, non-White (single or multiple races), or Hispanic (and any race including white).

Area: Minnesota

COC	Occupation	SOC	Percent of Total Labor Force					
			Total Labor Force	Male	Female	White	Minority	
<b>001-992 Total Civilian Labor Force</b>			<b>2,692,400</b>	<b>51.99%</b>	<b>48.01%</b>	<b>87.52%</b>	<b>12.48%</b>	
<b>001-043 All Management Occupations</b>			<b>11-0000</b>	<b>284,835</b>	<b>58.26%</b>	<b>41.75%</b>	<b>91.71%</b>	<b>8.34%</b>
001	Chief Executives	11-1011	21,900	78.04%	21.96%	95.59%	4.38%	
002	General and Operations Managers	11-1021	17,880	69.07%	30.93%	93.76%	6.23%	
004	Advertising and Promotions Managers	11-2011	1,045	41.15%	58.85%	91.39%	8.61%	
005	Marketing and Sales Managers	11-2020	19,620	54.94%	45.06%	94.29%	5.66%	
006	Public Relations Managers	11-2031	1,330	39.85%	60.15%	94.36%	5.64%	
010	Administrative Services Managers	11-3011	1,660	64.46%	35.54%	93.07%	7.11%	
011	Computer and Information Systems Managers	11-3021	11,500	65.39%	34.61%	88.74%	11.24%	
012	Financial Managers	11-3031	22,170	47.54%	52.46%	90.87%	9.13%	
0135	Compensation and benefits managers	11-3111	690	15.22%	85.51%	91.30%	9.42%	
0136	Human resources managers	11-3121	6,150	38.29%	61.63%	92.44%	7.56%	
0137	Training and development managers	11-3131	960	39.58%	60.42%	85.42%	14.48%	
014	Industrial production managers	11-3051	4,505	80.69%	19.31%	93.56%	6.42%	
015	Purchasing Managers	11-3061	3,435	61.28%	38.57%	94.61%	5.24%	
016	Transportation, Storage, and Distribution Managers	11-3071	3,910	77.49%	22.51%	91.18%	8.80%	
0205	Farm, Ranch, and Other Agricultural Managers	11-9011	32,970	88.35%	11.65%	98.15%	1.84%	
022	Construction Managers	11-9021	14,245	93.79%	6.21%	96.67%	3.37%	
023	Education Administrators	11-9030	13,495	41.20%	58.84%	90.18%	9.86%	
030	Architectural and engineering Managers	11-9041	3,235	93.20%	6.80%	95.83%	4.17%	
031	Food Service Managers	11-9051	13,835	50.34%	49.69%	82.47%	17.53%	
033	Gaming Managers	11-9071	770	58.44%	41.56%	80.52%	19.48%	
034	Lodging Managers	11-9081	2,875	48.52%	51.48%	87.83%	12.00%	
035	Medical and Health Services Managers	11-9111	10,550	26.30%	73.70%	93.22%	6.72%	
036	Natural Sciences Managers	11-9121	375	69.33%	32.00%	89.33%	11.73%	
041	Property, Real Estate, and Community Association Managers	11-9141	8,210	41.60%	58.47%	90.86%	9.00%	
042	Social and Community Service Managers	11-9151	7,145	34.22%	65.85%	87.96%	12.11%	
0425	Emergency management directors	11-9661	55	90.91%	7.27%	100.00%	0.00%	
043	Miscellaneous managers, including funeral service managers and postmasters and mail superintend	11-9199	60,320	63.71%	36.29%	92.64%	7.37%	
<b>050-095 All Business and Financial Operations Occupations</b>			<b>13-0000</b>	<b>146,560</b>	<b>46.27%</b>	<b>53.69%</b>	<b>90.40%</b>	<b>9.57%</b>
050	Agents and Business Managers of Artists, Performers, and Athletes	13-1011	510	52.94%	46.08%	84.31%	16.67%	
051	Purchasing Agents and Buyers, Farm Products	13-1021	480	79.17%	20.83%	95.83%	4.17%	
052	Wholesale and Retail Buyers, Except Farm Products	13-1022	4,880	43.24%	56.76%	91.39%	8.59%	
053	Purchasing Agents, Except Wholesale, Retail, and Farm Products	13-1023	5,810	46.99%	53.01%	96.47%	3.43%	
054	Claims Adjusters, Appraisers, Examiners, and Investigators	13-1030	5,305	42.79%	57.30%	92.27%	7.80%	
056	Compliance Officers	13-1041	3,730	44.37%	55.63%	92.09%	7.75%	
060	Cost Estimators	13-1051	3,105	87.60%	12.40%	98.39%	1.58%	
063	Human resources workers	13-1070	15,040	25.13%	74.90%	85.70%	14.33%	
064	Compensation, benefits, and job analysis specialists	13-1141	2,290	10.92%	89.08%	90.61%	9.34%	
065	Training and development specialists	13-1151	3,020	40.56%	59.44%	87.25%	12.58%	
070	Logisticians	13-1081	1,210	59.50%	40.50%	90.91%	9.01%	
071	Management Analysts	13-1111	17,175	50.48%	49.52%	89.05%	10.95%	
0725	Meeting, convention and event planners	13-1121	1,210	17.77%	82.23%	94.21%	5.70%	
0726	Fundraisers	13-1131	1,715	27.11%	72.89%	89.80%	10.38%	
0735	Market research analysts and marketing specialists	13-1161	5,315	44.40%	55.60%	90.50%	9.48%	
740	Business operations specialists, all other	13-1199	4,830	37.78%	62.11%	86.75%	13.33%	
080	Accountants and Auditors	13-2011	43,085	41.31%	58.69%	91.62%	8.40%	
081	Appraisers and Assessors of Real Estate	13-2021	2,190	69.41%	30.37%	94.52%	5.02%	
082	Budget Analysts	13-2031	370	27.03%	72.97%	78.38%	21.62%	
083	Credit Analysts	13-2041	735	51.02%	48.98%	92.52%	7.35%	
084	Financial Analysts	13-2051	1,755	64.39%	35.90%	86.61%	13.39%	
085	Personal Financial Advisors	13-2052	7,980	68.98%	30.95%	93.80%	6.14%	
086	Insurance Underwriters	13-2053	2,195	30.52%	69.48%	93.17%	6.61%	
090	Financial Examiners	13-2061	495	47.47%	52.53%	90.91%	8.89%	
091	Credit counselors and loan officers	13-2070	8,720	52.24%	47.76%	88.47%	11.47%	
093	Tax Examiners, Collectors, and Revenue Agents	13-2081	685	54.74%	45.26%	79.56%	19.71%	
094	Tax Preparers	13-2082	1,380	40.58%	59.42%	94.93%	4.93%	
095	Financial Specialists, All Other	13-2099	1,345	37.17%	62.83%	91.08%	9.29%	
<b>100-124 All Computer and Mathematical Occupations</b>			<b>15-0000</b>	<b>80,785</b>	<b>70.01%</b>	<b>29.99%</b>	<b>85.27%</b>	<b>14.71%</b>

Area: Minnesota

COC	Occupation	SOC	Percent of Total Labor Force				
			Total Labor Force	Male	Female	White	Minority
1005	Computer and information research scientists	15-1111	190	81.58%	18.42%	78.95%	21.05%
1006	Computer systems analysts	15-1021	11,110	65.66%	34.34%	79.79%	20.25%
1007	Information security analysts	15-1121	775	70.97%	29.03%	85.16%	14.19%
1010	Computer programmers	15-1131	13,400	75.86%	24.14%	85.26%	14.81%
1020	Software developers, applications and systems software	15-113X	19,410	79.98%	20.04%	72.28%	27.72%
1030	Web developers	15-1134	3,315	65.31%	34.69%	92.16%	7.90%
1050	Computer support specialists	15-1150	12,135	68.89%	31.11%	88.26%	11.78%
1060	Database administrators	15-1141	2,345	68.44%	31.56%	86.14%	13.60%
1105	Network and computer systems administrators	15-1142	5,910	72.59%	27.41%	89.00%	11.08%
1106	Computer network architects	15-1143	1,910	89.27%	10.73%	91.10%	9.16%
1107	Computer occupations, all other	15-1199	6,390	74.88%	25.12%	86.70%	13.35%
1200	Actuaries	15-2011	960	63.54%	36.46%	98.44%	1.56%
1220	Operations research analysts	15-2031	2,005	42.39%	57.61%	86.28%	14.21%
1240	Miscellaneous mathematical science occupations, including mathematicians and statisticians	15-20XX	930	60.75%	39.25%	74.19%	25.27%
<b>130-156</b>	<b>All Architecture and Engineering Occupations</b>	<b>17-0000</b>	<b>55,505</b>	<b>85.75%</b>	<b>14.30%</b>	<b>91.29%</b>	<b>8.71%</b>
130	Architects, Except Naval	17-1010	3,430	77.26%	22.74%	93.88%	5.92%
131	Surveyors, Cartographers, and Photogrammetrists	17-1020	670	84.33%	16.42%	100.00%	0.60%
132	Aerospace Engineers	17-2011	1,310	91.98%	8.02%	90.46%	9.47%
134	Biomedical and agricultural engineers	17-20XX	755	82.78%	17.88%	90.07%	9.80%
135	Chemical Engineers	17-2041	855	81.87%	18.13%	87.72%	12.63%
136	Civil Engineers	17-2051	4,965	86.00%	14.00%	95.17%	4.91%
140	Computer Hardware Engineers	17-2061	1,395	86.38%	13.62%	82.80%	16.85%
141	Electrical and Electronics Engineers	17-2070	4,360	95.53%	4.47%	89.11%	11.01%
142	Environmental Engineers	17-2081	515	73.79%	26.21%	95.15%	4.85%
143	Industrial Engineers, Including Health and Safety	17-2110	5,110	78.77%	21.14%	93.05%	6.93%
144	Marine Engineers and Naval Architects	17-2121	40	100.00%	0.00%	100.00%	0.00%
145	Materials Engineers	17-2131	815	92.02%	7.98%	82.82%	17.18%
146	Mechanical Engineers	17-2141	5,230	94.74%	5.26%	83.65%	16.35%
152	Petroleum, Mining and Geological Engineers, Including Mining Safety Engineers	17-21XX	225	77.78%	22.22%	93.33%	6.67%
153	Miscellaneous Engineers, Including Agricultural and Biomedical	17-21YY	9,140	88.18%	11.76%	87.86%	12.14%
154	Drafters	17-3010	5,205	83.96%	16.14%	95.20%	4.88%
155	Engineering Technicians, Except Drafters	17-3020	10,055	80.41%	19.54%	89.61%	10.34%
156	Surveying and Mapping Technicians	17-3031	1,430	87.76%	11.89%	93.36%	6.22%
<b>160-196</b>	<b>All Life, Physical, and Social Sciences Occupations</b>	<b>19-0000</b>	<b>23,885</b>	<b>64.14%</b>	<b>35.87%</b>	<b>86.58%</b>	<b>13.41%</b>
160	Agricultural and Food Scientists	19-1010	1,405	70.82%	29.18%	90.75%	9.61%
161	Biological Scientists	19-1020	1,520	54.93%	44.74%	91.45%	8.42%
164	Conservation Scientists and Foresters	19-1030	840	88.69%	11.31%	92.86%	6.90%
165	Medical Scientists, and life scientists, all other	19-10XX	2,380	48.11%	51.89%	70.17%	30.04%
170	Astronomers and Physicists	19-2010	145	86.21%	13.79%	89.66%	10.34%
171	Atmospheric and Space Scientists	19-2021	300	91.67%	8.33%	81.67%	18.33%
172	Chemists and Materials Scientists	19-2030	1,625	69.23%	30.46%	81.54%	18.46%
174	Environmental Scientists and Geoscientists	19-2040	1,075	71.63%	28.37%	96.74%	3.53%
176	Physical Scientists, All Other	19-2099	3,310	53.02%	46.98%	77.19%	22.63%
180	Economists	19-3011	245	67.35%	32.65%	77.55%	22.45%
182	Psychologists	19-3030	3,945	34.22%	65.65%	95.31%	4.79%
184	Urban and Regional Planners	19-3051	500	82.00%	19.00%	88.00%	12.00%
186	Miscellaneous social scientists, including survey researchers and sociologists	19-30XX	530	33.02%	66.98%	94.34%	5.47%
190	Agricultural and Food Science Technicians	19-4011	1,085	61.29%	38.71%	87.10%	12.81%
191	Biological Technicians	19-4021	425	50.59%	49.41%	77.65%	21.88%
192	Chemical Technicians	19-4031	1,070	70.09%	29.91%	85.05%	15.33%
193	Geological and Petroleum Technicians, and nuclear technicians	19-40XX	165	69.70%	30.30%	100.00%	0.00%
196	Miscellaneous life, physical, and social science technicians, including social science research assista	19-40YY	3,320	51.96%	48.04%	81.48%	18.37%
<b>200-216</b>	<b>All Community, Social Services and Legal Occupations</b>	<b>21-0000</b>	<b>81,570</b>	<b>36.52%</b>	<b>63.50%</b>	<b>89.33%</b>	<b>10.73%</b>
200	Counselors	21-1010	14,620	26.64%	73.36%	84.40%	15.66%
201	Social Workers	21-1020	17,785	19.65%	80.35%	86.65%	13.35%
2015	Probation officers and correctional treatment specialists	21-1092	1,605	48.29%	51.71%	92.21%	7.66%
2016	Social and human service assistants	21-1093	4,540	21.81%	78.19%	82.82%	17.03%
2025	Miscellaneous community and social service specialists, including health educators and community h	21-1090	1,910	29.84%	70.16%	82.20%	18.06%
204	Clergy	21-2011	8,925	76.92%	23.08%	91.88%	8.10%
205	Directors, Religious Activities and Education	21-2021	1,670	32.34%	67.66%	95.51%	5.03%

Area: Minnesota

COC	Occupation	SOC	Percent of Total Labor Force					
			Total Labor Force	Male	Female	White	Minority	
206	Religious Workers, All Other	21-2099	1,745	34.10%	66.19%	91.69%	8.31%	
210	Lawyers, and judges, magistrates, and other judicial workers	23-10XX	17,960	65.14%	34.83%	92.71%	7.29%	
2105	Judicial law clerks	23-1012	335	49.25%	50.75%	94.03%	5.97%	
2145	Paralegals and Legal Assistants	23-2011	6,060	12.46%	87.46%	91.09%	8.99%	
2160	Miscellaneous Legal Support Workers	23-2090	4,415	21.86%	78.26%	86.75%	13.25%	
<b>220-255 All Education, Training, and Library Occupations</b>			<b>25-0000</b>	<b>143,590</b>	<b>25.86%</b>	<b>74.01%</b>	<b>90.91%</b>	<b>9.05%</b>
220	Postsecondary Teachers	25-1000	24,530	53.81%	46.19%	82.47%	17.51%	
230	Preschool and Kindergarten Teachers	25-2010	7,800	3.08%	96.92%	88.46%	11.54%	
231	Elementary and Middle School Teachers	25-2020	51,815	24.55%	75.45%	94.72%	5.30%	
232	Secondary School Teachers	25-2030	13,110	43.78%	56.22%	93.86%	6.17%	
233	Special Education Teachers	25-2050	5,410	14.51%	85.49%	95.56%	4.42%	
234	Other Teachers and Instructors	25-3000	14,415	33.58%	66.42%	86.44%	13.53%	
240	Archivists, Curators, and Museum Technicians	25-4010	605	36.36%	62.81%	99.17%	0.66%	
243	Librarians	25-4021	2,840	13.20%	86.62%	95.25%	4.54%	
244	Library Technicians	25-4031	955	26.70%	72.77%	84.82%	14.55%	
254	Teacher Assistants	25-9041	20,430	10.13%	89.87%	89.33%	10.67%	
255	Other Education, Training, and Library Workers	25-90XX	1,680	24.70%	75.30%	89.88%	10.65%	
<b>260-292 All Arts, Design, Entertainment, Sports, and Media Occupations</b>			<b>27-0000</b>	<b>52,940</b>	<b>50.22%</b>	<b>48.37%</b>	<b>88.02%</b>	<b>11.98%</b>
260	Artists and Related Workers	27-1010	3,550	47.75%	52.25%	96.34%	3.49%	
263	Designers	27-1020	18,140	43.58%	56.45%	94.18%	5.79%	
270	Actors	27-2011	540	41.67%	58.33%	87.04%	12.96%	
271	Producers and Directors	27-2012	2,080	63.22%	36.78%	94.23%	6.01%	
272	Athletes, Coaches, Umpires, and Related Workers	27-2020	4,790	59.29%	40.81%	89.77%	10.33%	
274	Dancers and Choreographers	27-2030	155	22.58%	74.19%	64.52%	34.84%	
275	Musicians, Singers, and Related Workers	27-2040	3,175	54.02%	45.98%	88.82%	11.02%	
276	Entertainers and Performers, Sports and Related Workers, All Other	27-2099	570	54.39%	45.61%	85.09%	14.91%	
280	Announcers	27-3010	725	57.93%	42.07%	83.45%	16.28%	
281	News Analysts, Reporters and Correspondents	27-3020	1,495	66.56%	33.44%	85.62%	14.38%	
2825	Public Relations Specialists	27-3031	2,330	41.42%	58.58%	95.92%	4.03%	
283	Editors	27-3041	3,110	42.44%	57.56%	95.34%	4.66%	
284	Technical Writers	27-3042	1,300	39.23%	60.77%	97.69%	2.23%	
285	Writers and Authors	27-3043	3,960	36.99%	63.01%	93.94%	5.93%	
286	Miscellaneous Media and Communication Workers	27-3090	2,205	31.75%	68.25%	46.03%	54.15%	
290	Broadcast and Sound Engineering Technicians and Radio Operators and Others #	27-40XX	1,535	89.90%	10.10%	94.79%	5.47%	
291	Photographers	27-4021	2,655	48.78%	51.22%	93.97%	6.03%	
292	Television, Video, and Motion Picture Camera Operators and Editors	27-4030	625	84.80%	15.20%	97.60%	3.20%	
			149,185	30.74%	69.26%	92.89%	7.10%	
300	Chiropractors	29-1011	1,890	75.66%	24.34%	97.35%	2.59%	
301	Dentists	29-1020	2,955	77.83%	22.17%	89.85%	10.12%	
303	Dietitians and Nutritionists	29-1031	1,750	11.71%	88.29%	92.57%	7.43%	
304	Optometrists	29-1041	635	70.08%	29.92%	99.21%	0.63%	
305	Pharmacists	29-1051	4,895	42.80%	57.20%	95.40%	4.70%	
306	Physicians and Surgeons	29-1060	14,940	65.03%	34.97%	83.07%	16.93%	
311	Physician Assistants	29-1071	1,850	33.78%	66.22%	88.65%	11.62%	
312	Podiatrists	29-1081	45	33.33%	66.67%	100.00%	0.00%	
314	Audiologists	29-1181	240	45.83%	54.17%	97.92%	1.67%	
315	Occupational Therapists	29-1122	1,925	5.71%	94.29%	98.18%	1.77%	
316	Physical Therapists	29-1123	3,270	26.91%	73.09%	98.62%	1.47%	
320	Radiation Therapists	29-1124	255	27.45%	72.55%	74.51%	25.49%	
321	Recreational Therapists	29-1125	370	20.27%	79.73%	100.00%	0.00%	
322	Respiratory Therapists	29-1126	1,220	33.61%	66.39%	92.21%	7.79%	
323	Speech-Language Pathologists	29-1127	2,295	4.58%	95.42%	99.56%	0.44%	
324	Other therapists, including exercise physiologists	29-112X	1,920	22.40%	77.60%	95.31%	4.95%	
325	Veterinarians	29-1131	1,550	51.94%	48.06%	97.10%	2.84%	
3255	Registered nurses	29-1141	55,210	7.33%	92.67%	92.43%	7.56%	
3256	Nurse anesthetists	29-1151	920	42.93%	57.07%	96.20%	3.80%	
3258	Nurse practitioners and nurse midwives	29-11XX	1,670	2.99%	97.01%	97.01%	2.93%	
326	Health Diagnosing and Treating Practitioners, All Other	29-1199	225	11.11%	88.89%	91.11%	8.89%	
330	Clinical Laboratory Technologists and Technicians	29-2010	8,285	21.91%	78.09%	86.00%	13.94%	
331	Dental Hygienists	29-2021	3,250	1.54%	98.62%	96.00%	4.00%	

Area: Minnesota

COC	Occupation	SOC	Percent of Total Labor Force					
			Total Labor Force	Male	Female	White	Minority	
332	Diagnostic Related Technologists and Technicians	29-2030	5,315	22.39%	77.61%	96.14%	3.74%	
340	Emergency Medical Technicians and Paramedics	29-2041	2,165	59.82%	40.18%	89.61%	10.76%	
342	Health Diagnosing and Support Technologists and Technicians	29-2050	8,810	14.30%	85.70%	87.97%	11.98%	
350	Licensed Practical and Licensed Vocational Nurses	29-2061	15,160	5.34%	94.66%	91.03%	9.03%	
351	Medical Records and Health Information Technicians	29-2071	1,910	8.12%	91.88%	92.15%	7.54%	
352	Opticians, Dispensing	29-2081	1,085	24.88%	75.12%	87.10%	13.27%	
3535	Miscellaneous Health Technologists and Technicians	29-2090	1,825	38.08%	61.92%	86.85%	13.15%	
354	Other Healthcare Practitioners and Technical Occupations	29-9000	1,350	43.33%	56.67%	90.37%	9.19%	
<b>360-365 All Healthcare Support Occupations</b>			<b>31-0000</b>	<b>66,050</b>	<b>11.15%</b>	<b>88.92%</b>	<b>87.76%</b>	<b>12.35%</b>
360	Nursing, Psychiatric, and Home Health Aides	31-1010	44,575	14.22%	85.77%	76.80%	23.20%	
361	Occupational Therapist Assistants and Aides	31-2010	335	14.93%	85.07%	97.01%	2.99%	
362	Physical Therapist Assistants and Aides	31-2020	1,105	19.46%	81.00%	98.19%	2.17%	
363	Massage Therapists	31-9011	2,340	15.17%	84.83%	92.31%	7.69%	
364	Dental Assistants	31-9091	5,150	1.46%	98.54%	91.26%	8.72%	
3645	Medical Assistants	31-9092	4,245	3.18%	96.70%	84.22%	15.78%	
3646	Medical transcriptionists	31-9094	1,785	3.64%	96.36%	98.88%	1.34%	
3647	Pharmacy aides	31-9095	655	9.16%	90.84%	84.73%	15.73%	
3648	Veterinary assistants and laboratory animal caretakers	31-9096	490	9.18%	90.82%	90.82%	9.18%	
3649	Phlebotomists	31-9097	1,220	9.84%	90.57%	75.82%	24.51%	
3655	Healthcare support workers, all other, including medical equipment preparers	31-909X	4,150	22.41%	77.59%	75.30%	24.55%	
<b>370-395 All Protective Services Occupations</b>			<b>33-0000</b>	<b>35,895</b>	<b>71.48%</b>	<b>28.46%</b>	<b>91.79%</b>	<b>8.30%</b>
370	First-line supervisors of correctional officers	33-1011	840	65.48%	34.52%	92.86%	6.90%	
371	First-line supervisors of police and detectives	33-1012	1,475	83.73%	16.27%	98.31%	1.63%	
372	First-line supervisors of fire fighting and prevention workers	33-1021	230	97.83%	1.74%	82.61%	18.26%	
373	First-line supervisors of protective service workers, all other	33-1099	1,415	75.27%	24.38%	86.57%	13.22%	
374	Fire Fighters	33-2011	1,820	92.31%	7.69%	90.66%	9.07%	
375	Fire Inspectors	33-2020	220	86.36%	13.64%	100.00%	1.82%	
380	Bailiffs, Correctional Officers, and Jailers	33-3010	4,955	64.98%	35.02%	92.33%	7.67%	
382	Detectives and Criminal Investigators	33-3021	1,080	79.17%	20.83%	97.22%	3.24%	
384	Miscellaneous Law Enforcement Workers	33-30XX	NA	NA	NA	NA	NA	
385	Police Officers	33-3050	8,220	86.01%	13.99%	92.64%	7.46%	
390	Animal Control Workers	33-9011	100	70.00%	30.00%	100.00%	0.00%	
391	Private Detectives and Investigators	33-9021	1,045	52.63%	47.37%	91.87%	8.04%	
393	Security Guards and Gaming Surveillance Officers	33-9030	11,430	79.27%	20.73%	76.20%	23.75%	
394	Crossing Guards	33-9091	175	31.43%	68.57%	100.00%	0.00%	
3945	Transportation security screeners	33-9093	435	74.71%	25.29%	86.21%	12.64%	
3955	Lifeguards and other recreational, and all other protective service workers	33-909X	2,455	32.99%	66.80%	89.41%	10.79%	
<b>400-415 All Food Preparation and Serving-Related Occupations</b>			<b>35-0000</b>	<b>132,980</b>	<b>41.44%</b>	<b>58.56%</b>	<b>79.58%</b>	<b>20.41%</b>
400	Chefs and Head Cooks	35-1011	4,280	74.77%	25.23%	70.21%	29.79%	
401	First-Line Supervisors/Managers of Food Preparation and Serving Workers	35-1012	8,800	43.35%	56.65%	83.75%	16.24%	
402	Cooks	35-2010	35,420	56.08%	43.92%	69.55%	30.46%	
403	Food Preparation Workers	35-2021	14,880	32.36%	67.64%	77.15%	22.82%	
404	Bartenders	35-3011	8,825	42.83%	57.17%	91.90%	8.16%	
405	Combined Food Preparation and Serving Workers, Including Fast Food	35-3021	5,490	31.97%	68.03%	84.70%	15.34%	
406	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	35-3022	3,720	33.06%	66.94%	84.95%	14.92%	
411	Waiters and Waitresses	35-3031	33,445	18.78%	81.22%	87.16%	12.86%	
412	Food Servers, Nonrestaurant	35-3041	3,940	26.52%	73.60%	77.54%	22.66%	
413	Miscellaneous food preparation and serving related workers, including dining room and cafeteria attendants	35-90XX	4,275	56.26%	43.74%	76.37%	23.49%	
414	Dishwashers	35-9021	5,535	64.32%	35.68%	68.56%	31.33%	
415	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	35-9031	4,370	16.93%	82.95%	83.07%	16.89%	
<b>420-425 All Building and Grounds Cleaning and Maintenance Occupations</b>			<b>37-0000</b>	<b>88,440</b>	<b>71.01%</b>	<b>28.99%</b>	<b>83.11%</b>	<b>16.90%</b>
420	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	37-1011	4,380	59.47%	40.53%	76.60%	23.29%	
421	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	37-1012	2,785	91.38%	8.62%	93.72%	6.43%	
422	Janitors and Building Cleaners	37-201X	48,060	71.74%	28.26%	76.56%	23.45%	
423	Maids and Housekeeping Cleaners	37-2012	18,460	15.90%	84.13%	70.86%	29.17%	
424	Pest Control Workers	37-2021	395	97.47%	2.53%	94.94%	5.06%	
425	Grounds Maintenance Workers	37-3010	14,360	90.11%	9.89%	85.97%	14.03%	
<b>430-465 All Personal Care and Service Occupations</b>			<b>39-0000</b>	<b>99,895</b>	<b>45.06%</b>	<b>54.83%</b>	<b>83.66%</b>	<b>16.30%</b>

Area: Minnesota

COC	Occupation	SOC	Percent of Total Labor Force					
			Total Labor Force	Male	Female	White	Minority	
430	First-Line Supervisors/Managers of Gaming Workers	39-1010	1,420	45.42%	54.58%	83.45%	16.83%	
432	First-Line Supervisors/Managers of Personal Service Workers	39-1021	3,050	36.89%	63.11%	91.31%	8.66%	
434	Animal Trainers	39-2011	515	37.86%	62.14%	94.17%	5.83%	
435	Nonfarm Animal Caretakers	39-2021	3,270	25.23%	74.77%	89.76%	10.24%	
440	Gaming Services Workers	39-3010	2,075	53.01%	46.75%	66.99%	32.96%	
441	Motion Picture Projectionists	39-3021	170	97.06%	2.35%	85.29%	14.71%	
442	Ushers, Lobby Attendants, and Ticket Takers	39-3031	880	54.55%	45.45%	78.41%	22.05%	
443	Miscellaneous Entertainment Attendants and Related Workers	39-3090	3,245	55.32%	44.68%	87.52%	12.39%	
446	Embalmers and funeral attendants	39-40XX	135	51.85%	48.15%	100.00%	0.00%	
4465	Morticians, undertakers, and funeral directors	39-4031	745	81.21%	18.79%	100.00%	0.00%	
450	Barbers	39-5011	895	82.12%	17.88%	76.54%	22.68%	
451	Hairdressers, Hairstylists, and Cosmetologists	39-5012	13,610	8.05%	91.95%	90.26%	9.70%	
452	Miscellaneous Personal Appearance Workers	39-5090	2,455	11.81%	88.19%	51.93%	48.07%	
453	Baggage Porters, Bellhops, and Concierges	39-6010	1,160	71.98%	28.02%	61.64%	38.71%	
454	Tour and Travel Guides	39-6020	930	55.91%	43.55%	93.01%	6.88%	
460	Child Care Workers	39-9011	31,520	5.96%	94.04%	89.23%	10.75%	
461	Personal Care Aides	39-9021	23,950	20.38%	79.62%	75.20%	24.80%	
462	Recreation and Fitness Workers	39-9030	6,970	33.29%	66.71%	89.10%	10.98%	
464	Residential Advisors	39-9041	1,530	33.99%	65.69%	86.93%	12.94%	
465	Personal Care and Service Workers, All Other	39-9099	1,370	39.42%	60.22%	82.48%	16.79%	
<b>470-496 All Sales and Related Occupations</b>			<b>41-0000</b>	<b>296,890</b>	<b>54.73%</b>	<b>45.24%</b>	<b>91.63%</b>	<b>8.40%</b>
470	First-Line Supervisors/Managers of Retail Sales Workers	41-1011	54,385	57.06%	42.95%	91.28%	8.72%	
471	First-Line Supervisors/Managers of Non-Retail Sales Workers	41-1012	21,780	70.20%	29.78%	94.40%	5.60%	
472	Cashiers	41-2010	53,225	28.99%	71.02%	81.18%	18.82%	
474	Counter and Rental Clerks	41-2021	1,775	50.99%	49.01%	88.17%	12.06%	
475	Parts Salespersons	41-2022	2,285	94.75%	5.03%	95.84%	4.11%	
476	Retail Salespersons	41-2031	63,280	49.79%	50.21%	88.94%	11.06%	
480	Advertising Sales Agents	41-3011	4,650	50.43%	49.57%	94.41%	5.59%	
481	Insurance Sales Agents	41-3021	11,235	58.48%	41.52%	94.17%	5.86%	
482	Securities, Commodities, and Financial Services Sales Agents	41-3031	7,035	71.29%	28.71%	91.68%	8.23%	
483	Travel Agents	41-3041	1,925	13.51%	86.49%	88.57%	11.43%	
484	Sales Representatives, Services, All Other	41-3099	13,410	70.62%	29.38%	95.49%	4.50%	
485	Sales Representatives, Wholesale and Manufacturing	41-4010	35,830	73.90%	26.10%	95.66%	4.35%	
490	Models, Demonstrators, and Product Promoters	41-9010	1,135	18.06%	81.94%	94.71%	5.73%	
492	Real Estate Brokers and Sales Agents	41-9020	12,780	53.05%	46.95%	93.62%	6.38%	
493	Sales Engineers	41-9031	805	93.79%	6.21%	94.41%	5.47%	
494	Telemarketers	41-9041	2,520	37.50%	62.30%	81.75%	18.25%	
495	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	41-9091	4,075	45.52%	54.36%	90.67%	9.30%	
496	Sales and Related Workers, All Other	41-9099	4,760	47.16%	52.84%	94.43%	5.67%	
<b>500-593 All Office and Administrative Support Occupations</b>			<b>43-0000</b>	<b>371,695</b>	<b>31.17%</b>	<b>68.79%</b>	<b>87.43%</b>	<b>12.67%</b>
500	First-Line Supervisors/Managers of Office and Administrative Support Workers	43-1011	25,030	36.28%	63.72%	91.29%	8.73%	
501	Switchboard Operators, Including Answering Service	43-2011	570	9.65%	90.35%	93.86%	5.09%	
502	Telephone Operators	43-2021	555	22.52%	77.48%	73.87%	27.93%	
503	Communications Equipment Operators, All Other	43-2099	185	27.03%	72.97%	81.08%	18.38%	
510	Bill and Account Collectors	43-3011	4,515	35.66%	64.34%	78.63%	21.35%	
511	Billing and Posting Clerks	43-3021	7,385	10.36%	89.64%	88.35%	11.78%	
512	Bookkeeping, Accounting, and Auditing Clerks	43-3031	31,040	10.78%	89.22%	93.41%	6.57%	
513	Gaming Cage Workers	43-3041	370	35.14%	63.51%	82.43%	17.57%	
514	Payroll and Timekeeping Clerks	43-3051	3,685	7.33%	92.67%	92.94%	7.03%	
515	Procurement Clerks	43-3061	455	38.46%	61.54%	97.80%	2.20%	
516	Tellers	43-3071	7,770	10.23%	89.77%	87.32%	12.61%	
5165	Financial clerks, all other	43-3099	1,365	36.26%	64.10%	95.97%	3.96%	
520	Brokerage Clerks	43-4011	215	27.91%	72.09%	93.02%	6.98%	
522	Court, Municipal, and License Clerks	43-4031	1,365	19.05%	80.95%	91.94%	8.28%	
523	Credit Authorizers, Checkers, and Clerks	43-4041	880	19.89%	79.55%	92.61%	7.39%	
524	Customer Service Representatives	43-4051	43,300	31.82%	68.18%	86.37%	13.63%	
525	Eligibility Interviewers, Government Programs	43-4061	1,510	15.23%	84.77%	81.13%	19.21%	
526	File Clerks	43-4071	5,730	18.94%	81.06%	83.07%	16.93%	
530	Hotel, Motel, and Resort Desk Clerks	43-4081	2,815	26.29%	73.71%	82.95%	17.02%	
531	Interviewers, Except Eligibility and Loan	43-4111	2,210	21.72%	78.51%	84.84%	15.34%	
532	Library Assistants, Clerical	43-4121	2,555	18.98%	81.02%	83.95%	16.24%	

Area: Minnesota

COC	Occupation	SOC	Percent of Total Labor Force					
			Total Labor Force	Male	Female	White	Minority	
533	Loan Interviewers and Clerks	43-4131	3,290	23.86%	76.29%	82.07%	17.93%	
534	New Accounts Clerks	43-4141	325	23.08%	76.92%	92.31%	9.23%	
535	Correspondence Clerks and Order Clerks	43-4XXX	3,205	31.36%	68.64%	87.21%	12.76%	
536	Human Resources Assistants, Except Payroll and Timekeeping	43-4161	840	27.38%	72.62%	66.67%	33.21%	
540	Receptionists and Information Clerks	43-4171	23,585	8.40%	91.60%	86.77%	13.23%	
541	Reservation and Transportation Ticket Agents and Travel Clerks	43-4181	1,940	34.02%	65.98%	87.37%	12.58%	
542	Information and Record Clerks, All Other	43-4199	2,065	4.36%	95.40%	86.44%	13.32%	
550	Cargo and Freight Agents	43-5011	195	53.85%	46.15%	84.62%	17.95%	
551	Couriers and Messengers	43-5021	5,385	88.86%	11.14%	86.44%	13.56%	
552	Dispatchers	43-5030	4,040	49.01%	50.99%	92.08%	8.00%	
553	Meter Readers, Utilities	43-5041	435	78.16%	21.84%	98.85%	1.84%	
554	Postal Service Clerks	43-5051	2,315	57.02%	42.98%	85.53%	14.25%	
555	Postal Service Mail Carriers	43-5052	6,120	68.22%	31.78%	93.87%	6.21%	
556	Postal Service Mail Sorters, Processors, and Processing Machine Operators	43-5053	1,765	46.74%	52.97%	80.17%	19.55%	
560	Production, Planning, and Expediting Clerks	43-5061	6,330	33.10%	66.90%	91.00%	9.08%	
561	Shipping, Receiving, and Traffic Clerks	43-5071	10,745	69.01%	31.04%	85.71%	14.29%	
562	Stock Clerks and Order Fillers	43-5081	25,890	62.98%	37.00%	83.39%	16.59%	
563	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	43-5111	1,230	51.63%	48.37%	83.33%	16.59%	
570	Secretaries and Administrative Assistants	43-6010	66,225	4.02%	95.98%	94.37%	5.62%	
580	Computer Operators	43-9011	3,235	50.08%	49.92%	88.25%	11.90%	
581	Data Entry Keyers	43-9021	9,680	18.54%	81.40%	89.26%	10.74%	
582	Word Processors and Typists	43-9022	6,230	11.56%	88.36%	91.73%	8.19%	
584	Insurance Claims and Policy Processing Clerks	43-9041	6,435	16.63%	83.37%	87.96%	11.95%	
585	Mail Clerks and Mail Machine Operators, Except Postal Service	43-9051	3,045	42.04%	57.96%	79.64%	20.46%	
586	Office Clerks, General	43-9061	20,320	15.72%	84.28%	88.80%	11.22%	
590	Office Machine Operators, Except Computer	43-9071	1,165	30.90%	69.10%	76.39%	23.61%	
591	Proofreaders and Copy Markers	43-9081	450	20.00%	80.00%	97.78%	2.22%	
592	Statistical Assistants	43-9111	530	33.96%	66.04%	98.11%	1.89%	
594	Miscellaneous office and administrative support workers, including desktop publishers	43-9XXX	11,175	24.70%	75.30%	88.46%	11.50%	
<b>600-613 All Farming, Fishing, and Forestry Occupations</b>			<b>45-0000</b>	<b>19,400</b>	<b>78.64%</b>	<b>20.91%</b>	<b>85.26%</b>	<b>15.03%</b>
6005	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	45-1010	780	82.69%	16.67%	87.82%	12.18%	
601	Agricultural Inspectors	45-2011	275	76.36%	23.64%	100.00%	0.00%	
604	Graders and Sorters, Agricultural Products	45-2041	595	47.90%	52.10%	66.39%	33.45%	
605	Miscellaneous Agricultural Workers, Including Animal Breeders	45-20XX	16,140	79.46%	20.54%	82.78%	17.25%	
610	Fishing and Hunting Workers	45-3000	195	89.74%	7.69%	74.36%	25.64%	
612	Forest and Conservation Workers	45-4011	220	81.82%	18.18%	90.91%	10.91%	
613	Logging Workers	45-4020	1,195	92.47%	7.53%	94.56%	5.77%	
<b>620-694 All Construction and Extraction Occupations</b>			<b>47-0000</b>	<b>125,760</b>	<b>96.30%</b>	<b>3.83%</b>	<b>91.61%</b>	<b>8.50%</b>
620	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	47-1011	14,640	97.95%	2.05%	95.53%	4.47%	
621	Boilermakers	47-2011	345	98.55%	1.16%	100.00%	0.00%	
622	Brickmasons, Blockmasons, and Stonemasons	47-2020	2,580	99.03%	0.97%	97.09%	3.18%	
623	Carpenters	47-2031	25,170	98.07%	1.93%	93.72%	6.26%	
624	Carpet, Floor, and Tile Installers and Finishers	47-2040	3,400	99.26%	0.88%	89.12%	11.12%	
625	Cement Masons, Concrete Finishers, and Terrazzo Workers	47-2050	1,130	98.23%	1.77%	94.25%	5.75%	
626	Construction Laborers	47-2061	21,955	96.68%	3.30%	88.68%	11.30%	
630	Paving, Surfacing, and Tamping Equipment Operators	47-2071	310	90.32%	9.68%	96.77%	3.23%	
632	Construction equipment operators except paving, surfacing, and tamping equipment operators	47-207X	7,300	96.44%	3.56%	97.12%	2.71%	
633	Drywall Installers, Ceiling Tile Installers, and Tapers	47-2080	2,810	96.09%	3.91%	73.67%	26.16%	
635	Electricians	47-2111	11,680	96.66%	3.34%	95.72%	4.24%	
636	Glaziers	47-2121	600	100.00%	0.67%	95.83%	4.17%	
640	Insulation Workers	47-2130	1,120	100.00%	0.36%	80.36%	19.20%	
642	Painters, Construction and Maintenance	47-2141	7,625	89.90%	10.10%	83.87%	16.20%	
643	Paperhangers	47-2142	65	100.00%	0.00%	100.00%	0.00%	
644	Pipelayers, Plumbers, Pipefitters, and Steamfitters	47-2150	8,685	98.16%	1.84%	93.90%	6.19%	
646	Plasterers and Stucco Masons	47-2161	360	100.00%	0.00%	81.94%	18.06%	
650	Reinforcing iron and rebar workers	47-2171	100	100.00%	0.00%	95.00%	4.00%	
6515	Roofers	47-2181	3,480	99.57%	0.57%	59.20%	40.95%	
652	Sheet Metal Workers	47-2211	2,805	97.86%	2.14%	97.15%	2.99%	
653	Structural iron and steel workers	47-2221	1,070	100.00%	0.00%	92.52%	7.76%	
660	Helpers, Construction Trades	47-3010	420	95.24%	4.76%	82.14%	19.05%	
666	Construction and Building Inspectors	47-4011	1,680	83.63%	16.07%	92.56%	7.44%	

Area: Minnesota

COC	Occupation	SOC	Percent of Total Labor Force					
			Total Labor Force	Male	Female	White	Minority	
670	Elevator Installers and Repairers	47-4021	395	100.00%	1.01%	97.47%	2.53%	
671	Fence Erectors	47-4031	270	92.59%	5.56%	90.74%	8.89%	
672	Hazardous Materials Removal Workers	47-4041	525	95.24%	4.76%	70.48%	29.52%	
673	Highway Maintenance Workers	47-4051	2,875	95.65%	4.35%	97.74%	2.33%	
674	Rail-Track Laying and Maintenance Equipment Operators	47-4061	175	100.00%	0.00%	100.00%	2.29%	
6765	Miscellaneous construction workers, including solar photovoltaic installers, septic tank servicers and s	47-XXXX	740	91.22%	8.78%	89.86%	10.54%	
680	Derrick, Rotary Drill, and Service Unit Operators, and Roustabouts, Oil, Gas, and Mining	47-50YY	65	100.00%	6.15%	100.00%	0.00%	
682	Earth Drillers, Except Oil and Gas	47-5021	610	99.18%	0.66%	98.36%	0.66%	
683	Explosives Workers, Ordnance Handling Experts, and Blasters	47-5031	80	93.75%	5.00%	100.00%	0.00%	
684	Mining Machine Operators	47-5040	445	91.01%	8.99%	100.00%	0.00%	
694	Miscellaneous Extraction Workers, Including Roof Bolters and Helpers	47-50XX	250	84.00%	16.00%	94.00%	8.00%	
<b>700-762 All Installation, Maintenance, and Repair Occupations</b>			<b>49-0000</b>	<b>82,570</b>	<b>95.33%</b>	<b>4.65%</b>	<b>91.98%</b>	<b>8.02%</b>
700	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	49-1011	4,660	90.77%	9.23%	94.21%	5.84%	
701	Computer, Automated Teller, and Office Machine Repairers	49-2011	4,765	86.67%	13.33%	88.04%	11.96%	
702	Radio and Telecommunications Equipment Installers and Repairers	49-2020	3,365	90.94%	9.06%	93.91%	6.03%	
703	Avionics Technicians	49-2091	60	100.00%	0.00%	100.00%	0.00%	
704	Electric Motor, Power Tool, and Related Repairers	49-2092	490	97.96%	2.04%	96.94%	2.86%	
710	Electrical and Electronics Repairers, Industrial, Utility, and Transportation Equipment	49-209X	195	89.74%	7.69%	92.31%	7.69%	
711	Electronic Equipment Installers and Repairers, Motor Vehicles	49-2096	155	100.00%	0.00%	96.77%	2.58%	
712	Electronic Home Entertainment Equipment Installers and Repairers	49-2097	1,070	99.07%	0.93%	90.65%	9.72%	
713	Security and Fire Alarm Systems Installers	49-2098	560	96.43%	3.57%	90.18%	8.93%	
714	Aircraft Mechanics and Service Technicians	49-3011	1,410	97.16%	2.84%	93.62%	6.38%	
715	Automotive Body and Related Repairers	49-3021	3,070	99.35%	0.81%	92.83%	7.10%	
716	Automotive Glass Installers and Repairers	49-3022	390	97.44%	2.56%	100.00%	0.00%	
720	Automotive Service Technicians and Mechanics	49-3023	14,625	98.84%	1.13%	90.53%	9.47%	
721	Bus and Truck Mechanics and Diesel Engine Specialists	49-3031	5,880	99.57%	0.43%	96.17%	3.91%	
722	Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics	49-3040	4,170	99.04%	0.96%	97.84%	2.23%	
724	Small Engine Mechanics	49-3050	1,265	95.65%	4.35%	96.44%	3.95%	
726	Miscellaneous Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	49-3090	1,075	100.00%	0.00%	90.70%	9.30%	
730	Control and Valve Installers and Repairers	49-9010	405	87.65%	13.58%	83.95%	16.05%	
7315	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	49-9021	4,815	98.13%	1.87%	95.43%	4.55%	
732	Home Appliance Repairers	49-9031	815	99.39%	0.49%	90.18%	9.69%	
733	Industrial and Refractory Machinery Mechanics	49-904X	7,880	95.94%	4.00%	93.91%	6.14%	
734	Maintenance and Repair Workers, General	49-9071	8,250	96.97%	2.97%	90.85%	9.15%	
735	Maintenance Workers, Machinery	49-9043	585	92.31%	7.69%	87.18%	11.79%	
736	Millwrights	49-9044	1,410	97.87%	1.77%	96.45%	3.76%	
741	Electrical Power-Line Installers and Repairers	49-9051	2,265	99.34%	0.66%	97.57%	2.30%	
742	Telecommunications Line Installers and Repairers	49-9052	2,075	93.98%	6.02%	86.99%	13.40%	
743	Precision Instrument and Equipment Repairers	49-9060	1,510	82.78%	16.89%	81.13%	18.87%	
751	Coin, Vending, and Amusement Machine Servicers and Repairers	49-9091	1,010	88.61%	11.39%	95.54%	4.46%	
754	Locksmiths and Safe Repairers	49-9094	275	92.73%	7.27%	89.09%	10.55%	
755	Manufactured Building and Mobile Home Installers	49-9095	NA	NA	NA	NA	NA	
756	Riggers	49-9096	80	100.00%	0.00%	100.00%	0.00%	
761	Helpers--Installation, Maintenance, and Repair Workers	49-9098	295	89.83%	11.86%	67.80%	33.90%	
762	Other Installation, Maintenance, and Repair Workers #	49-909X	3,695	96.48%	3.52%	86.20%	13.94%	
<b>770-896 All Production Occupations</b>			<b>51-0000</b>	<b>198,549</b>	<b>72.40%</b>	<b>29.20%</b>	<b>84.56%</b>	<b>15.62%</b>
770	First-Line Supervisors/Managers of Production and Operating Workers	51-1011	20,970	79.47%	20.53%	90.37%	9.63%	
771	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	51-2011	120	66.67%	29.17%	66.67%	33.33%	
772	Electrical, Electronics, and Electromechanical Assemblers	51-2020	4,990	43.89%	56.01%	57.82%	42.08%	
773	Engine and Other Machine Assemblers	51-2031	390	80.77%	19.23%	80.77%	19.23%	
774	Structural Metal Fabricators and Fitters	51-2041	545	90.83%	10.09%	92.66%	8.26%	
775	Miscellaneous Assemblers and Fabricators	51-2090	27,185	56.02%	43.96%	67.39%	32.61%	
780	Bakers	51-3011	3,170	38.49%	61.51%	75.39%	24.61%	
781	Butchers and Other Meat, Poultry, and Fish Processing Workers	51-3020	5,495	78.34%	21.66%	56.69%	43.31%	
783	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	51-3091	170	76.47%	23.53%	79.41%	22.94%	
784	Food Batchmakers	51-3092	1,860	51.34%	48.66%	80.65%	19.09%	
785	Food Cooking Machine Operators and Tenders	51-3093	130	50.00%	50.00%	92.31%	7.69%	
7855	Food processing workers, all other	51-3099	3,615	71.65%	28.35%	54.22%	45.75%	
790	Computer Control Programmers and Operators	51-4010	1,790	91.90%	8.10%	87.71%	12.51%	
792	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	51-4021	270	96.30%	3.70%	100.00%	0.00%	
793	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	51-4022	150	86.67%	16.67%	86.67%	13.33%	

Area: Minnesota

COC	Occupation	SOC	Percent of Total Labor Force					
			Total Labor Force	Male	Female	White	Minority	
794	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	51-4023	245	85.71%	16.33%	85.71%	16.33%	
795	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	51-4031	2,730	82.05%	17.77%	87.73%	12.42%	
796	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4032	85	76.47%	29.41%	82.35%	16.47%	
800	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	51-4033	1,255	84.06%	15.94%	72.11%	28.29%	
801	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-4034	85	82.35%	17.65%	88.24%	11.76%	
803	Machinists	51-4041	10,485	97.85%	2.19%	91.65%	8.39%	
804	Metal furnace operators, tenders, pourers, and casters	51-4050	270	98.15%	1.48%	79.63%	20.37%	
806	Model Makers and Patternmakers, Metal and Plastic	51-4060	150	80.00%	20.00%	100.00%	0.00%	
810	Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic	51-4070	1,505	87.38%	12.62%	88.70%	10.90%	
813	Tool and Die Makers	51-4111	1,495	99.00%	1.00%	97.66%	2.01%	
814	Welding, Soldering, and Brazing Workers	51-4120	11,445	93.27%	6.73%	89.47%	10.52%	
815	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-4191	135	92.59%	7.41%	77.78%	21.48%	
820	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	51-4193	400	68.75%	31.25%	90.00%	10.00%	
821	Tool Grinders, Filers, and Sharpeners	51-4194	265	100.00%	1.51%	98.11%	3.02%	
822	Other Metalworkers & Plastic Workers, Including Milling, Planing, & Multiple Machine Tool Operators	51-4XXX	7,275	80.82%	19.18%	67.84%	32.10%	
825	Prepress Technicians and Workers	51-5022	1,365	50.55%	49.08%	93.41%	6.52%	
8255	Printing Press operators	51-5112	8,150	82.09%	17.91%	86.38%	13.53%	
8256	Print binding and finishing workers	51-5113	1,650	52.73%	47.27%	82.42%	16.91%	
830	Laundry and Dry-Cleaning Workers	51-6011	3,335	35.23%	64.92%	68.52%	31.75%	
831	Pressers, Textile, Garment, and Related Materials	51-6021	745	49.66%	51.01%	52.35%	48.32%	
832	Sewing Machine Operators	51-6031	1,890	15.87%	84.13%	68.25%	31.96%	
833	Shoe and Leather Workers and Repairers	51-6041	135	81.48%	18.52%	100.00%	0.00%	
834	Shoe Machine Operators and Tenders	51-6042	130	42.31%	61.54%	80.77%	23.08%	
835	Tailors, Dressmakers, and Sewers	51-6050	1,305	11.88%	88.12%	67.82%	32.18%	
840	Textile bleaching and dyeing, and cutting machine setters, operators, and tenders	51-606X	160	62.50%	40.63%	87.50%	15.00%	
841	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	51-6063	65	0.00%	100.00%	100.00%	0.00%	
842	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	51-6064	4	100.00%	100.00%	100.00%	0.00%	
845	Upholsterers	51-6093	475	71.58%	28.42%	94.74%	4.21%	
846	Miscellaneous Textile, Apparel, and Furnishings Workers, Except Upholsterers	51-609X	150	60.00%	40.00%	86.67%	16.00%	
850	Cabinetmakers and Bench Carpenters	51-7011	2,495	94.99%	4.81%	93.99%	5.81%	
851	Furniture Finishers	51-7021	430	77.91%	22.09%	94.19%	4.65%	
853	Sawing Machine Setters, Operators, and Tenders, Wood	51-7041	685	89.05%	10.95%	91.97%	7.15%	
854	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	51-7042	795	83.02%	16.98%	88.05%	11.32%	
855	Miscellaneous Woodworkers, Including Model Makers and Patternmakers	51-70XX	750	94.67%	5.33%	98.67%	1.87%	
860	Power Plant Operators, Distributors, and Dispatchers	51-8010	795	96.86%	3.14%	96.23%	4.40%	
861	Stationary Engineers and Boiler Operators	51-8021	3,075	95.45%	4.55%	92.85%	7.15%	
862	Water and Liquid Waste Treatment Plant and System Operators	51-8031	1,330	99.25%	0.75%	91.73%	8.65%	
863	Miscellaneous Plant and System Operators	51-8090	505	97.03%	2.97%	94.06%	5.94%	
864	Chemical Processing Machine Setters, Operators, and Tenders	51-9010	535	84.11%	14.95%	89.72%	9.91%	
865	Crushing, Grinding, Polishing, Mixing, and Blending Workers	51-9020	2,210	81.90%	18.10%	78.05%	22.13%	
871	Cutting Workers	51-9030	2,535	71.01%	28.99%	86.79%	13.33%	
872	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	51-9041	815	88.34%	11.66%	80.98%	18.28%	
873	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	51-9051	145	82.76%	17.24%	100.00%	0.00%	
874	Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061	14,015	58.87%	41.13%	81.13%	18.87%	
875	Jewelers and Precious Stone and Metal Workers	51-9071	650	56.92%	43.08%	80.00%	19.23%	
876	Medical, Dental, and Ophthalmic Laboratory Technicians	51-9080	1,805	43.21%	56.79%	91.69%	8.03%	
880	Packaging and Filling Machine Operators and Tenders	51-9111	5,240	49.71%	50.29%	51.72%	48.32%	
881	Painting Workers	51-9120	3,290	85.11%	15.05%	81.46%	18.63%	
883	Photographic Process Workers and Processing Machine Operators	51-9130	1,445	42.91%	57.09%	73.36%	26.64%	
885	Cementing and Gluing Machine Operators and Tenders	51-9191	180	41.67%	58.33%	97.22%	2.22%	
886	Cleaning, Washing, and Metal Pickling Equipment Operators & Tenders	51-9192	145	68.97%	31.03%	100.00%	2.76%	
891	Etchers and Engravers	51-9194	305	70.49%	29.51%	98.36%	3.28%	
892	Molders, Shapers, and Casters, Except Metal and Plastic	51-9195	605	92.56%	7.44%	86.78%	12.23%	
893	Paper Goods Machine Setters, Operators, and Tenders	51-9196	760	63.82%	36.18%	86.84%	13.68%	
894	Tire Builders	51-9197	20	100.00%	0.00%	100.00%	0.00%	
895	Helpers--Production Workers	51-9198	610	50.82%	49.18%	75.41%	25.08%	
8965	Other Production Workers, Including Semiconductor Processors, Cooling & Freezing Equipment Ope	51-91XX	24,145	68.56%	31.46%	72.79%	27.21%	
<b>900-975 All Transportation and Material Moving Occupations</b>			<b>53-0000</b>	<b>155,235</b>	<b>82.12%</b>	<b>17.88%</b>	<b>85.60%</b>	<b>14.36%</b>
900	Supervisors, Transportation and Material Moving Workers	53-1000	3,425	84.09%	15.91%	91.82%	8.03%	
903	Aircraft Pilots and Flight Engineers	53-2010	3,355	95.53%	4.47%	95.68%	4.29%	
904	Air Traffic Controllers and Airfield Operations Specialists	53-2020	925	74.59%	25.41%	92.43%	7.57%	
905	Flight attendants	53-2031	2,380	13.87%	86.13%	90.13%	9.87%	

Area: Minnesota

COC	Occupation	SOC	Total	Percent of Total Labor Force			
			Labor Force	Male	Female	White	Minority
911	Ambulance drivers and attendants, except emergency medical technicians	53-3011	105	85.71%	14.29%	66.67%	32.38%
912	Bus Drivers	53-3020	10,845	69.02%	30.98%	80.08%	19.92%
913	Driver/Sales Workers and Truck Drivers	53-3030	57,540	96.00%	4.00%	92.69%	7.30%
914	Taxi Drivers and Chauffeurs	53-3041	4,145	88.42%	11.70%	58.62%	41.47%
915	Motor vehicle operators, all other	53-3099	1,025	92.68%	7.32%	89.76%	9.66%
920	Locomotive Engineers and Operators	53-4010	810	99.38%	0.49%	98.77%	1.23%
923	Railroad Brake, Signal, and Switch Operators	53-4021	195	84.62%	15.38%	100.00%	0.00%
924	Railroad Conductors and Yardmasters	53-4031	745	91.95%	8.05%	89.93%	10.07%
926	Subway, Streetcar, and Other Rail Transportation Workers	53-40XX	175	100.00%	0.00%	100.00%	0.00%
930	Sailors and marine oilers, and ship engineers	53-50XX	75	100.00%	0.00%	100.00%	0.00%
931	Ship and Boat Captains and Operators	53-5020	200	100.00%	0.00%	97.50%	2.00%
935	Parking Lot Attendants	53-6021	905	76.80%	23.20%	65.19%	34.59%
936	Automotive and watercraft service attendants	53-6031	2,610	69.92%	30.08%	89.08%	11.11%
941	Transportation Inspectors	53-6051	535	84.11%	15.89%	99.07%	0.75%
9415	Transportation attendants, except flight attendants	53-6061	370	25.68%	74.32%	86.49%	13.51%
942	Miscellaneous Transportation Workers, Including Bridge & Lock Tenders & Traffic Technicians	53-60XX	260	86.54%	13.46%	84.62%	16.92%
951	Crane and Tower Operators	53-7021	935	98.93%	1.07%	94.65%	5.78%
952	Dredge, Excavating, and Loading Machine Operators	53-7030	740	98.65%	1.35%	96.62%	3.24%
956	Conveyor operators and tenders, and hoist and winch operators	53-70XX	225	95.56%	4.44%	97.78%	1.78%
960	Industrial Truck and Tractor Operators	53-7051	8,210	93.67%	6.33%	77.22%	22.84%
961	Cleaners of Vehicles and Equipment	53-7061	6,100	83.03%	16.97%	67.54%	32.38%
962	Laborers and Freight, Stock, and Material Movers, Hand	53-7062	36,790	80.54%	19.46%	85.76%	14.26%
963	Machine Feeders and Offbearers	53-7063	720	59.72%	40.28%	67.36%	33.33%
964	Packers and Packagers, Hand	53-7064	8,560	47.72%	52.28%	59.70%	40.25%
965	Pumping Station Operators	53-7070	90	100.00%	0.00%	77.78%	22.22%
972	Refuse and Recyclable Material Collectors	53-7081	1,605	81.62%	18.38%	69.47%	30.53%
975	Miscellaneous Material Moving Workers #	53-7XXX	635	87.40%	12.60%	91.34%	7.87%