

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 05**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>896,980</b>	<b>964,350</b>	<b>67,370</b>	<b>8%</b>	<b>213,750</b>	<b>296,870</b>	<b>\$36,041</b>	<b>NA</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>50,340</b>	<b>54,730</b>	<b>4,390</b>	<b>9%</b>	<b>9,420</b>	<b>13,870</b>	<b>\$78,475</b>	<b>NA</b>
11-1000	<i>Top Executives</i>	14,720	15,880	1,160	8%	2,750	3,920	NA	NA
11-1011	Chief Executives	2,570	2,770	200	8%	490	690	\$148,776	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	11,760	12,730	970	8%	2,220	3,180	\$89,177	Work experience plus bachelor's or higher degree
11-1031	Legislators	390	380	-10	-3%	50	50	\$19,284	NA
11-2000	<i>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</i>	3,960	4,520	560	14%	720	1,280	NA	NA
11-2011	Advertising and Promotions Managers	470	510	40	9%	90	130	\$57,520	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	950	1,040	90	9%	180	260	\$84,688	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	2,070	2,450	380	18%	380	760	\$90,489	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	460	520	60	13%	80	140	\$68,132	Work experience plus bachelor's or higher degree
11-3000	<i>Operations Specialties Managers</i>	9,260	10,480	1,220	13%	1,610	2,850	NA	NA
11-3011	Administrative Services Managers	1,310	1,440	130	10%	260	380	\$61,864	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	1,930	2,500	570	30%	350	920	\$80,046	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	2,850	3,120	270	9%	410	690	\$83,043	Work experience plus bachelor's or higher degree
11-3040	<i>Human Resources Managers</i>	1,110	1,240	130	12%	190	320	NA	NA
11-3051	Industrial Production Managers	860	860	0	0%	170	170	\$70,024	Bachelor's degree
11-3061	Purchasing Managers	440	420	-20	-5%	100	100	\$69,094	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	760	900	140	18%	150	290	\$69,812	Work experience in a related occupation
11-9000	<i>Other Management Occupations</i>	22,400	23,860	1,460	7%	4,330	5,820	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	320	350	30	9%	60	90	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	2,410	2,580	170	7%	440	610	\$71,407	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	320	370	50	16%	80	130	NA	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	820	990	170	21%	210	370	\$74,336	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	270	340	70	26%	70	130	\$58,720	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	60	70	10	17%	10	20	\$58,113	NA
11-9041	Engineering Managers	950	970	20	2%	190	210	\$85,112	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	1,680	1,800	120	7%	280	390	\$39,219	Work experience in a related occupation
11-9061	Funeral Directors	140	140	0	0%	40	40	\$62,787	Associate degree
11-9081	Lodging Managers	280	270	-10	-4%	50	50	\$45,859	Work experience in a related occupation
11-9111	Medical and Health Services Managers	1,950	2,470	520	27%	380	900	\$72,089	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	750	790	40	5%	150	180	\$59,209	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	\$56,196	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	2,320	2,480	160	7%	430	590	\$51,874	Bachelor's degree
11-9151	Social and Community Service Managers	730	860	130	18%	140	270	\$44,966	Bachelor's degree
11-9199	Managers, All Other	9,300	9,320	20	0%	1,810	1,840	\$63,135	Work experience in a related occupation
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>41,020</b>	<b>45,610</b>	<b>4,590</b>	<b>11%</b>	<b>7,190</b>	<b>11,850</b>	<b>\$51,361</b>	<b>NA</b>
13-1000	<i>Business Operations Specialists</i>	24,870	28,190	3,320	13%	4,290	7,670	NA	NA
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	170	180	10	6%	30	50	NA	Work experience plus bachelor's or higher degree
13-1021	Purchasing Agents and Buyers, Farm Products	90	100	10	11%	30	50	\$55,941	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,180	1,120	-60	-5%	310	310	\$45,578	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,600	1,680	80	5%	400	480	\$45,848	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	2,880	3,080	200	7%	360	560	\$43,969	Long-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
13-1032	Insurance Appraisers, Auto Damage	350	390	40	11%	40	80	\$41,857	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	660	690	30	5%	150	190	\$42,348	Long-term on-the-job training
13-1051	Cost Estimators	1,610	1,800	190	12%	360	550	\$50,683	Bachelor's degree
13-1061	Emergency Management Specialists	140	160	20	14%	30	60	NA	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	1,370	1,530	160	12%	210	370	\$51,467	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	470	530	60	13%	70	130	\$49,389	Bachelor's degree
13-1073	Training and Development Specialists	1,160	1,360	200	17%	180	380	\$44,954	Bachelor's degree
13-1111	Management Analysts	4,200	4,620	420	10%	580	990	\$67,240	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	260	270	10	4%	60	70	\$44,233	Bachelor's degree
13-1199	Business Operations Specialists, All Other	8,740	10,680	1,940	22%	1,490	3,420	\$51,882	Bachelor's degree
<i>13-2000</i>	<i>Financial Specialists</i>	<i>16,150</i>	<i>17,420</i>	<i>1,270</i>	<i>8%</i>	<i>2,900</i>	<i>4,170</i>	<i>NA NA</i>	
13-2011	Accountants and Auditors	8,220	8,670	450	5%	1,550	2,000	\$56,085	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	500	550	50	10%	110	160	\$32,159	Postsecondary vocational training
13-2031	Budget Analysts	240	260	20	8%	40	60	\$54,513	Bachelor's degree
13-2041	Credit Analysts	950	1,030	80	8%	150	220	\$38,015	Bachelor's degree
13-2051	Financial Analysts	900	1,010	110	12%	130	240	\$60,706	Bachelor's degree
13-2052	Personal Financial Advisors	500	650	150	30%	70	220	\$73,712	Bachelor's degree
13-2053	Insurance Underwriters	990	1,040	50	5%	180	230	\$46,716	Bachelor's degree
13-2061	Financial Examiners	150	160	10	7%	40	40	\$69,848	Bachelor's degree
13-2071	Loan Counselors	70	80	10	14%	10	20	\$32,391	Bachelor's degree
13-2072	Loan Officers	1,450	1,660	210	14%	230	440	\$50,870	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	470	480	10	2%	110	120	\$43,476	Bachelor's degree
13-2082	Tax Preparers	410	470	60	15%	70	120	NA	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	1,290	1,370	80	6%	230	300	\$51,269	Bachelor's degree
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>17,570</b>	<b>21,110</b>	<b>3,540</b>	<b>20%</b>	<b>2,400</b>	<b>6,040</b>	<b>\$56,220</b>	<b>NA</b>
<i>15-1000</i>	<i>Computer Specialists</i>	<i>16,930</i>	<i>20,490</i>	<i>3,560</i>	<i>21%</i>	<i>2,230</i>	<i>5,860</i>	<i>NA NA</i>	
15-1011	Computer and Information Scientists, Research	90	110	20	22%	10	20	NA	Doctoral degree
15-1021	Computer Programmers	2,620	2,550	-70	-3%	620	620	\$57,530	Bachelor's degree
15-1031	Computer Software Engineers, Applications	1,370	1,670	300	22%	140	430	\$65,579	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	1,130	1,450	320	28%	110	430	\$61,406	Bachelor's degree
15-1041	Computer Support Specialists	3,150	3,740	590	19%	390	980	\$39,619	Associate degree
15-1051	Computer Systems Analysts	4,380	5,570	1,190	27%	500	1,680	\$59,412	Bachelor's degree
15-1061	Database Administrators	660	840	180	27%	70	250	\$54,704	Bachelor's degree
15-1071	Network and Computer Systems Administrators	1,540	1,960	420	27%	170	600	\$50,772	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	760	1,020	260	34%	90	350	\$58,690	Bachelor's degree
15-1099	Computer Specialists, All Other	1,220	1,580	360	30%	140	500	\$71,068	Postsecondary vocational training
<i>15-2000</i>	<i>Mathematical Scientists</i>	<i>640</i>	<i>630</i>	<i>-10</i>	<i>-2%</i>	<i>180</i>	<i>190</i>	<i>NA NA</i>	
15-2011	Actuaries	140	150	10	7%	60	70	\$79,207	Work experience plus bachelor's or higher degree
15-2031	Operations Research Analysts	310	300	-10	-3%	70	70	\$60,562	Master's degree
15-2041	Statisticians	130	130	0	0%	40	40	\$48,707	Master's degree
15-2091	Mathematical Technicians	20	30	10	50%	10	10	NA	NA
15-2099	Mathematical Science Occupations, All Other	30	20	-10	-33%	10	10	NA	Master's degree
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>15,890</b>	<b>16,430</b>	<b>540</b>	<b>3%</b>	<b>3,650</b>	<b>4,520</b>	<b>\$55,893</b>	<b>NA</b>
<i>17-1000</i>	<i>Architects, Surveyors, and Cartographers</i>	<i>1,260</i>	<i>1,370</i>	<i>110</i>	<i>9%</i>	<i>260</i>	<i>370</i>	<i>NA NA</i>	
17-1011	Architects, Except Landscape and Naval	680	770	90	13%	80	170	\$58,777	Bachelor's degree
17-1012	Landscape Architects	90	100	10	11%	10	30	\$65,017	Bachelor's degree
17-1021	Cartographers and Photogrammetrists	20	20	0	0%	10	10	\$43,653	Bachelor's degree
17-1022	Surveyors	480	480	0	0%	160	160	\$39,619	Bachelor's degree
<i>17-2000</i>	<i>Engineers</i>	<i>8,900</i>	<i>8,930</i>	<i>30</i>	<i>0%</i>	<i>1,930</i>	<i>2,210</i>	<i>NA NA</i>	
17-2011	Aerospace Engineers	450	390	-60	-13%	110	110	NA	Bachelor's degree
17-2031	Biomedical Engineers	40	50	10	25%	10	10	\$64,218	Bachelor's degree
17-2041	Chemical Engineers	370	400	30	8%	110	140	NA	Bachelor's degree
17-2051	Civil Engineers	1,340	1,390	50	4%	210	260	\$60,121	Bachelor's degree
17-2061	Computer Hardware Engineers	110	130	20	18%	20	40	\$75,052	Bachelor's degree
17-2071	Electrical Engineers	1,090	1,020	-70	-6%	210	210	\$60,254	Bachelor's degree

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17-2072	Electronics Engineers, Except Computer	420	460	40	10%	80	130	\$68,015	Bachelor's degree
17-2081	Environmental Engineers	240	310	70	29%	40	120	\$54,539	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspec	190	200	10	5%	50	50	\$55,075	Bachelor's degree
17-2112	Industrial Engineers	1,320	1,280	-40	-3%	320	320	\$65,753	Bachelor's degree
17-2131	Materials Engineers	110	100	-10	-9%	30	30	\$67,026	Bachelor's degree
17-2141	Mechanical Engineers	1,460	1,370	-90	-6%	400	400	\$63,436	Bachelor's degree
17-2199	Engineers, All Other	1,770	1,820	50	3%	340	390	\$76,247	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	5,720	6,130	410	7%	1,460	1,950	NA NA	
17-3011	Architectural and Civil Drafters	900	890	-10	-1%	250	250	\$39,722	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	80	70	-10	-13%	20	20	\$42,803	Postsecondary vocational training
17-3013	Mechanical Drafters	430	390	-40	-9%	120	120	\$43,557	Postsecondary vocational training
17-3022	Civil Engineering Technicians	500	510	10	2%	110	110	\$35,373	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	1,180	1,330	150	13%	250	400	\$42,503	Associate degree
17-3024	Electro-Mechanical Technicians	80	80	0	0%	20	20	\$37,341	Associate degree
17-3025	Environmental Engineering Technicians	90	100	10	11%	20	30	\$31,997	Associate degree
17-3026	Industrial Engineering Technicians	700	810	110	16%	150	250	\$44,421	Associate degree
17-3027	Mechanical Engineering Technicians	160	160	0	0%	30	40	\$45,109	Associate degree
17-3031	Surveying and Mapping Technicians	920	1,130	210	23%	340	540	\$30,870	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	670	660	-10	-1%	160	160	NA NA	
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>8,370</b>	<b>9,890</b>	<b>1,520</b>	<b>18%</b>	<b>2,030</b>	<b>3,570</b>	<b>\$57,540</b>	<b>NA</b>
19-1000	<i>Life Scientists</i>	2,470	3,010	540	22%	600	1,150	NA NA	
19-1010	Agricultural and Food Scientists	130	130	0	0%	20	20	NA NA	
19-1021	Biochemists and Biophysicists	610	740	130	21%	190	320	\$91,352	Doctoral degree
19-1022	Microbiologists	570	750	180	32%	180	350	NA	Doctoral degree
19-1031	Conservation Scientists	30	30	0	0%	10	10	\$60,442	Bachelor's degree
19-1032	Foresters	20	20	0	0%	10	10	\$35,263	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	360	420	60	17%	60	120	\$70,904	Doctoral degree
19-1099	Life Scientists, All Other	730	910	180	25%	130	310	NA	Bachelor's degree
19-2000	<i>Physical Scientists</i>	1,530	1,800	270	18%	430	710	NA NA	
19-2012	Physicists	20	20	0	0%	10	10	\$93,499	Doctoral degree
19-2021	Atmospheric and Space Scientists	20	20	0	0%	10	10	NA NA	
19-2031	Chemists	1,000	1,230	230	23%	330	560	\$87,588	Bachelor's degree
19-2032	Materials Scientists	20	30	10	50%	10	10	\$42,717	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	340	370	30	9%	60	100	\$57,748	Bachelor's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	70	70	0	0%	10	10	\$50,400	Bachelor's degree
19-2043	Hydrologists	40	50	10	25%	10	10	\$65,013	Bachelor's degree
19-2099	Physical Scientists, All Other	20	20	0	0%	10	10	NA	Bachelor's degree
19-3000	<i>Social Scientists and Related Workers</i>	1,780	1,980	200	11%	440	640	NA NA	
19-3011	Economists	30	30	0	0%	10	10	\$56,860	Bachelor's degree
19-3021	Market Research Analysts	700	790	90	13%	180	270	\$54,995	Bachelor's degree
19-3022	Survey Researchers	170	180	10	6%	40	60	\$27,309	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	550	630	80	15%	120	200	\$62,489	Master's degree
19-3051	Urban and Regional Planners	140	140	0	0%	50	50	\$43,801	Master's degree
19-3099	Social Scientists and Related Workers, All Other	180	190	10	6%	40	50	\$49,561	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	2,590	3,100	510	20%	550	1,070	NA NA	
19-4011	Agricultural and Food Science Technicians	160	150	-10	-6%	30	30	NA	Associate degree
19-4021	Biological Technicians	940	1,180	240	26%	160	400	NA	Associate degree
19-4031	Chemical Technicians	480	500	20	4%	120	140	\$37,506	Associate degree
19-4041	Geological and Petroleum Technicians	20	20	0	0%	10	10	NA NA	
19-4051	Nuclear Technicians	70	60	-10	-14%	20	20	NA NA	
19-4091	Environmental Science and Protection Technicians, Including Health	230	320	90	39%	60	140	NA	Associate degree
19-4092	Forensic Science Technicians	50	50	0	0%	10	20	\$39,632	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	650	810	160	25%	150	320	\$37,557	Associate degree
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>7,000</b>	<b>8,100</b>	<b>1,100</b>	<b>16%</b>	<b>1,350</b>	<b>2,450</b>	<b>\$35,355</b>	<b>NA</b>

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21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	6,300	7,330	1,030	16%	1,210	2,250	NA NA	
21-1011	Substance Abuse and Behavioral Disorder Counselors	510	700	190	37%	120	310	\$33,286	Master's degree
21-1012	Educational, Vocational, and School Counselors	950	1,030	80	8%	220	300	\$45,124	Master's degree
21-1013	Marriage and Family Therapists	130	130	0	0%	30	30	NA	Master's degree
21-1014	Mental Health Counselors	240	270	30	13%	60	80	\$42,812	Master's degree
21-1015	Rehabilitation Counselors	400	430	30	8%	90	120	\$27,630	Master's degree
21-1021	Child, Family, and School Social Workers	1,300	1,470	170	13%	220	390	\$32,669	Bachelor's degree
21-1022	Medical and Public Health Social Workers	550	640	90	16%	90	190	\$38,375	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	280	340	60	21%	50	110	\$35,787	Master's degree
21-1091	Health Educators	440	470	30	7%	80	110	\$36,227	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	600	660	60	10%	110	160	\$28,725	Bachelor's degree
21-1093	Social and Human Service Assistants	900	1,180	280	31%	160	440	\$31,623	Moderate-term on-the-job training
21-2000	<i>Religious Workers</i>	140	150	10	7%	30	40	NA NA	
21-2011	Clergy	130	140	10	8%	30	30	\$35,232	Master's degree
21-9000	<i>Miscellaneous Counselors, Social, &amp; Religious Workers</i>	560	620	60	11%	110	160	NA NA	
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	560	620	60	11%	110	160	NA NA	
<b>23-0000</b>	<b>Legal Occupations</b>	<b>5,830</b>	<b>6,700</b>	<b>870</b>	<b>15%</b>	<b>680</b>	<b>1,560</b>	<b>\$65,894</b>	<b>NA</b>
23-1000	<i>Lawyers, Judges, and Related Workers</i>	3,450	4,030	580	17%	440	1,030	NA NA	
23-1011	Lawyers	3,230	3,820	590	18%	420	1,000	\$87,948	First professional degree
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	40	10	33%	0	10	NA	Work experience plus bachelor's or higher degree
23-1022	Arbitrators, Mediators, and Conciliators	50	50	0	0%	10	10	\$44,409	Work experience plus bachelor's or higher degree
23-1023	Judges, Magistrate Judges, and Magistrates	130	130	0	0%	20	20	\$65,999	Work experience plus bachelor's or higher degree
23-2000	<i>Legal Support Workers</i>	1,680	1,960	280	17%	160	450	NA NA	
23-2011	Paralegals and Legal Assistants	960	1,250	290	30%	80	360	\$39,834	Associate degree
23-2091	Court Reporters	130	140	10	8%	20	20	\$29,706	Postsecondary vocational training
23-2092	Law Clerks	290	270	-20	-7%	30	30	\$39,361	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	300	300	0	0%	30	30	\$42,074	Moderate-term on-the-job training
23-9000	<i>Miscellaneous Legal &amp; Related Workers</i>	700	710	10	1%	80	80	NA NA	
23-9099	Legal and Related Workers, All Other (OES Only)	700	710	10	1%	80	80	NA NA	
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>40,190</b>	<b>49,290</b>	<b>9,100</b>	<b>23%</b>	<b>7,920</b>	<b>17,020</b>	<b>\$34,366</b>	<b>NA</b>
25-1000	<i>Postsecondary Teachers</i>	5,100	6,940	1,840	36%	1,160	2,990	NA NA	
25-1011	Business Teachers, Postsecondary	320	450	130	41%	70	200	\$63,512	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	70	90	20	29%	20	40	\$56,632	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	110	140	30	27%	20	60	\$55,538	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	20	30	10	50%	0	10	NA	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	100	140	40	40%	20	60	\$73,928	Doctoral degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postseconda	40	50	10	25%	10	20	NA	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	50	70	20	40%	10	30	\$62,776	Doctoral degree
25-1054	Physics Teachers, Postsecondary	40	60	20	50%	10	30	\$56,450	Doctoral degree
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	100	140	40	40%	20	60	NA	Doctoral degree
25-1063	Economics Teachers, Postsecondary	30	50	20	67%	10	20	\$72,023	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	30	50	20	67%	10	20	\$56,404	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	80	120	40	50%	20	50	\$56,742	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	\$53,748	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	140	180	40	29%	30	80	\$79,904	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	120	150	30	25%	30	60	\$52,388	Master's degree
25-1081	Education Teachers, Postsecondary	240	340	100	42%	60	150	\$49,276	Doctoral degree
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	NA	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	30	40	10	33%	10	20	NA	Doctoral degree
25-1112	Law Teachers, Postsecondary	70	110	40	57%	20	50	NA	Doctoral degree
25-1113	Social Work Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	190	270	80	42%	40	120	NA	Doctoral degree
25-1122	Communications Teachers, Postsecondary	110	150	40	36%	30	70	\$53,027	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	150	200	50	33%	30	90	\$42,671	Doctoral degree

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
25-1124	Foreign Language and Literature Teachers, Postsecondary	160	220	60	38%	40	100	\$47,908	Doctoral degree
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	40	\$55,324	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	80	120	40	50%	20	50	NA	Doctoral degree
25-1191	Graduate Teaching Assistants	1,700	2,280	580	34%	380	970	NA	Bachelor's degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	80	100	20	25%	20	50	\$45,479	Master's degree
25-1194	Vocational Education Teachers, Postsecondary	380	520	140	37%	90	220	\$46,018	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	430	580	150	35%	100	240	NA	Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	17,280	20,070	2,790	16%	3,800	6,590	NA	NA
25-2011	Preschool Teachers, Except Special Education	2,000	2,350	350	18%	240	590	\$20,668	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	660	810	150	23%	80	220	\$38,004	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	6,860	7,860	1,000	15%	1,510	2,520	\$42,632	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	2,360	2,590	230	10%	520	750	\$43,946	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	110	120	10	9%	20	30	NA	NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,340	3,950	610	18%	940	1,550	\$44,284	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	470	500	30	6%	130	170	NA	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	730	940	210	29%	170	390	\$39,162	Bachelor's degree
25-2042	Special Education Teachers, Middle School	360	440	80	22%	90	170	\$46,465	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	400	520	120	30%	100	210	\$45,121	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	9,210	12,220	3,010	33%	1,140	4,140	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	390	460	70	18%	50	120	\$38,988	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	1,300	1,670	370	28%	160	530	\$21,904	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	7,530	10,080	2,550	34%	930	3,490	NA	NA
25-4000	<i>Librarians, Curators, and Archivists</i>	1,970	2,150	180	9%	570	740	NA	NA
25-4010	<i>Archivists, Curators, and Museum Technicians</i>	140	140	0	0%	30	30	NA	NA
25-4021	Librarians	1,090	1,180	90	8%	260	350	\$36,528	Master's degree
25-4031	Library Technicians	750	840	90	12%	280	370	\$19,143	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	6,620	7,910	1,290	19%	1,270	2,550	NA	NA
25-9031	Instructional Coordinators	230	270	40	17%	40	80	\$51,561	Master's degree
25-9041	Teacher Assistants	6,270	7,490	1,220	19%	1,210	2,430	\$20,625	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	110	130	20	18%	20	40	NA	NA
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>12,970</b>	<b>14,130</b>	<b>1,160</b>	<b>9%</b>	<b>2,700</b>	<b>3,940</b>	<b>\$37,808</b>	<b>NA</b>
27-1000	<i>Art and Design Workers</i>	4,190	4,520	330	8%	640	1,000	NA	NA
27-1011	Art Directors	270	270	0	0%	60	60	\$52,717	Work experience plus bachelor's or higher degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	160	170	10	6%	30	50	\$40,072	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	330	330	0	0%	70	80	\$46,462	Bachelor's degree
27-1021	Commercial and Industrial Designers	340	350	10	3%	50	60	\$52,285	Bachelor's degree
27-1022	Fashion Designers	50	40	-10	-20%	10	10	NA	Bachelor's degree
27-1023	Floral Designers	550	540	-10	-2%	70	70	\$18,509	Moderate-term on-the-job training
27-1024	Graphic Designers	1,210	1,380	170	14%	160	340	\$40,689	Bachelor's degree
27-1025	Interior Designers	580	620	40	7%	80	120	\$40,917	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	220	210	-10	-5%	30	30	\$25,372	Moderate-term on-the-job training
27-1027	Set and Exhibit Designers	20	20	0	0%	0	0	NA	NA
27-1099	Art and Design Workers, All Other (OES Only)	480	580	100	21%	90	190	NA	NA
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	2,820	3,160	340	12%	810	1,150	NA	NA
27-2011	Actors	70	70	0	0%	10	10	\$0	Long-term on-the-job training
27-2012	Producers and Directors	520	590	70	13%	80	150	\$46,326	Work experience plus bachelor's or higher degree
27-2021	Athletes and Sports Competitors	30	40	10	33%	10	10	NA	NA
27-2022	Coaches and Scouts	1,020	1,210	190	19%	200	390	\$23,715	Long-term on-the-job training
27-2023	Umpires, Referees, and Other Sports Officials	80	80	0	0%	10	20	NA	Long-term on-the-job training
27-2031	Dancers	540	580	40	7%	330	370	\$0	Long-term on-the-job training
27-2032	Choreographers	150	170	20	13%	90	110	\$23,694	Work experience in a related occupation
27-2042	Musicians and Singers	340	340	0	0%	70	80	NA	Long-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	70	80	10	14%	10	20	NA	Long-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
27-3000	Media and Communication Workers	4,210	4,610	400	10%	860	1,290	NA NA	
27-3010	Announcers	490	460	-30	-6%	130	130	NA NA	
27-3020	News Analysts, Reporters and Correspondents	300	320	20	7%	70	90	NA NA	
27-3031	Public Relations Specialists	1,170	1,400	230	20%	170	390	\$46,209 Bachelor's degree	
27-3041	Editors	940	990	50	5%	230	280	\$44,842 Bachelor's degree	
27-3042	Technical Writers	470	500	30	6%	140	170	\$52,416 Bachelor's degree	
27-3043	Writers and Authors	590	670	80	14%	100	180	\$55,875 Bachelor's degree	
27-3091	Interpreters and Translators	30	30	0	0%	0	10	\$30,631 Long-term on-the-job training	
27-3099	Media and Communication Workers, All Other	230	250	20	9%	30	50	\$39,508 Long-term on-the-job training	
27-4000	Media and Communication Equipment Workers	1,750	1,840	90	5%	390	510	NA NA	
27-4011	Audio and Video Equipment Technicians	480	550	70	15%	120	180	\$37,470 Long-term on-the-job training	
27-4012	Broadcast Technicians	150	170	20	13%	40	50	\$24,282 Postsecondary vocational training	
27-4014	Sound Engineering Technicians	80	90	10	13%	20	30	\$35,419 Postsecondary vocational training	
27-4021	Photographers	760	740	-20	-3%	150	150	\$24,854 Long-term on-the-job training	
27-4031	Camera Operators, Television, Video, and Motion Picture	150	160	10	7%	30	40	\$35,252 Moderate-term on-the-job training	
27-4032	Film and Video Editors	40	50	10	25%	10	20	\$41,783 Bachelor's degree	
27-4099	Media and Communication Equipment Workers, All Other	80	90	10	13%	20	30	\$38,727 Moderate-term on-the-job training	
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>46,210</b>	<b>55,360</b>	<b>9,150</b>	<b>20%</b>	<b>8,800</b>	<b>17,960</b>	<b>\$54,194 NA</b>	
29-1000	Health Diagnosing and Treating Practitioners	27,650	33,250	5,600	20%	5,440	11,040	NA NA	
29-1011	Chiropractors	360	380	20	6%	70	90	\$112,737 First professional degree	
29-1020	Dentists	830	920	90	11%	140	230	NA NA	
29-1031	Dietitians and Nutritionists	300	330	30	10%	80	110	\$42,277 Bachelor's degree	
29-1041	Optometrists	240	270	30	13%	70	100	NA First professional degree	
29-1051	Pharmacists	1,610	1,960	350	22%	310	660	\$80,703 First professional degree	
29-1062	Family and General Practitioners	1,020	1,260	240	24%	140	380	NA First professional degree	
29-1063	Internists, General	750	960	210	28%	100	300	\$116,271 First professional degree	
29-1064	Obstetricians and Gynecologists	80	110	30	38%	10	30	\$199,963 First professional degree	
29-1065	Pediatricians, General	190	240	50	26%	30	80	NA First professional degree	
29-1066	Psychiatrists	90	110	20	22%	10	30	\$162,196 First professional degree	
29-1067	Surgeons	1,290	1,680	390	30%	170	560	\$190,243 First professional degree	
29-1069	Physicians and Surgeons, All Other	1,240	1,290	50	4%	170	220	\$109,541 NA	
29-1071	Physician Assistants	130	210	80	62%	20	90	\$64,649 Bachelor's degree	
29-1081	Podiatrists	90	90	0	0%	20	20	\$100,540 First professional degree	
29-1111	Registered Nurses	14,900	17,980	3,080	21%	3,120	6,200	\$50,418 Associate degree	
29-1121	Audiologists	100	110	10	10%	20	30	NA Master's degree	
29-1122	Occupational Therapists	600	770	170	28%	80	250	\$51,346 Bachelor's degree	
29-1123	Physical Therapists	830	1,020	190	23%	80	270	\$63,047 Master's degree	
29-1124	Radiation Therapists	100	120	20	20%	20	40	\$46,868 Associate degree	
29-1125	Recreational Therapists	160	160	0	0%	40	40	\$31,191 Bachelor's degree	
29-1126	Respiratory Therapists	1,060	1,360	300	28%	350	650	\$40,435 Associate degree	
29-1127	Speech-Language Pathologists	620	750	130	21%	150	290	\$55,425 Master's degree	
29-1131	Veterinarians	450	460	10	2%	110	120	\$81,484 First professional degree	
29-1199	Health Diagnosing and Treating Practitioners, All Other	590	730	140	24%	130	270	\$114,516 First professional degree	
29-2000	Health Technologists and Technicians	16,820	20,130	3,310	20%	3,030	6,340	NA NA	
29-2011	Medical and Clinical Laboratory Technologists	1,440	1,820	380	26%	390	770	\$44,343 Bachelor's degree	
29-2012	Medical and Clinical Laboratory Technicians	750	920	170	23%	200	370	\$28,827 Associate degree	
29-2021	Dental Hygienists	660	1,030	370	56%	60	420	NA Associate degree	
29-2031	Cardiovascular Technologists and Technicians	360	470	110	31%	70	180	\$35,439 Associate degree	
29-2032	Diagnostic Medical Sonographers	240	280	40	17%	50	80	\$48,119 Associate degree	
29-2033	Nuclear Medicine Technologists	100	120	20	20%	20	40	\$52,049 NA	
29-2034	Radiologic Technologists and Technicians	1,080	1,260	180	17%	200	380	\$41,727 Associate degree	
29-2041	Emergency Medical Technicians and Paramedics	1,010	1,120	110	11%	120	230	\$26,072 Postsecondary vocational training	
29-2051	Dietetic Technicians	160	190	30	19%	20	50	\$20,343 Moderate-term on-the-job training	
29-2052	Pharmacy Technicians	2,190	2,550	360	16%	290	640	\$23,972 Moderate-term on-the-job training	
29-2053	Psychiatric Technicians	830	850	20	2%	110	120	\$23,302 Postsecondary vocational training	
29-2054	Respiratory Therapy Technicians	180	240	60	33%	20	80	\$38,515 Postsecondary vocational training	
29-2055	Surgical Technologists	590	750	160	27%	80	230	\$38,060 Postsecondary vocational training	
29-2056	Veterinary Technologists and Technicians	400	460	60	15%	50	110	\$27,691 Associate degree	

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
29-2061	Licensed Practical and Licensed Vocational Nurses	4,950	5,560	610	12%	1,080	1,690	\$36,639	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	1,110	1,630	520	47%	160	690	\$27,008	Associate degree
29-2081	Opticians, Dispensing	730	860	130	18%	130	260	\$25,416	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	40	40	0	0%	10	10	\$49,119	Bachelor's degree
29-9000	<i>Other Healthcare Practitioners and Technical Occupations</i>	590	640	50	8%	130	180	NA NA	
29-9010	Occupational Health and Safety Specialists and Technicians	520	560	40	8%	110	150	NA NA	
29-9091	Athletic Trainers	60	80	20	33%	10	30	\$30,734	Bachelor's degree
29-9100	<i>Other Health Practitioners And Technical Workers</i>	1,150	1,340	190	17%	210	400	NA NA	
29-9199	Health Professionals and Technicians, All Other (OES Only)	1,150	1,340	190	17%	210	400	NA NA	
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>17,890</b>	<b>22,630</b>	<b>4,740</b>	<b>26%</b>	<b>2,840</b>	<b>7,570</b>	<b>\$23,818</b>	<b>NA</b>
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>	10,110	12,020	1,910	19%	1,330	3,230	NA NA	
31-1011	Home Health Aides	1,920	2,500	580	30%	250	830	\$21,440	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	7,890	9,180	1,290	16%	1,030	2,330	\$22,041	Short-term on-the-job training
31-1013	Psychiatric Aides	310	340	30	10%	40	70	\$23,984	Short-term on-the-job training
31-2000	<i>Occupational and Physical Therapist Assistants and Aides</i>	640	820	180	28%	100	280	NA NA	
31-2011	Occupational Therapist Assistants	160	190	30	19%	20	50	\$35,305	Associate degree
31-2021	Physical Therapist Assistants	330	440	110	33%	60	170	\$42,034	Associate degree
31-2022	Physical Therapist Aides	130	170	40	31%	20	70	\$21,228	Short-term on-the-job training
31-9000	<i>Other Healthcare Support Occupations</i>	7,150	9,790	2,640	37%	1,420	4,060	NA NA	
31-9011	Massage Therapists	170	200	30	18%	30	60	\$27,923	Postsecondary vocational training
31-9091	Dental Assistants	980	1,520	540	55%	270	810	NA	Moderate-term on-the-job training
31-9092	Medical Assistants	2,290	3,630	1,340	59%	420	1,770	\$26,101	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	160	180	20	13%	30	50	\$23,602	Short-term on-the-job training
31-9094	Medical Transcriptionists	840	970	130	15%	160	290	\$27,584	Postsecondary vocational training
31-9095	Pharmacy Aides	920	980	60	7%	170	230	\$18,937	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	490	560	70	14%	90	160	\$20,060	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	1,310	1,760	450	34%	240	690	\$24,147	Short-term on-the-job training
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>18,050</b>	<b>20,160</b>	<b>2,110</b>	<b>12%</b>	<b>5,080</b>	<b>7,190</b>	<b>\$32,253</b>	<b>NA</b>
33-1000	<i>First-Line Supervisors/Managers, Protective Service Workers</i>	1,620	1,800	180	11%	530	710	NA NA	
33-1011	First-Line Supervisors/Managers of Correctional Officers	370	410	40	11%	110	150	\$33,780	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	580	650	70	12%	190	260	\$54,724	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	370	430	60	16%	150	210	\$57,784	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	300	310	10	3%	80	90	\$34,870	Work experience in a related occupation
33-2000	<i>Fire Fighting and Prevention Workers</i>	1,860	2,150	290	16%	540	820	NA NA	
33-2011	Fire Fighters	1,620	1,900	280	17%	470	740	\$41,836	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	240	250	10	4%	70	80	\$27,431	Work experience in a related occupation
33-3000	<i>Law Enforcement Workers</i>	5,500	6,530	1,030	19%	1,320	2,360	NA NA	
33-3011	Bailiffs	50	60	10	20%	10	20	\$30,081	NA
33-3012	Correctional Officers and Jailers	1,890	2,220	330	17%	390	720	\$27,667	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	280	340	60	21%	80	140	\$48,671	Work experience in a related occupation
33-3041	Parking Enforcement Workers	40	40	0	0%	10	10	\$25,260	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	3,220	3,860	640	20%	830	1,470	\$44,699	Long-term on-the-job training
33-9000	<i>Other Protective Service Workers</i>	9,070	9,690	620	7%	2,690	3,300	NA NA	
33-9011	Animal Control Workers	50	60	10	20%	40	40	\$27,451	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	150	150	0	0%	30	40	\$32,717	Work experience in a related occupation
33-9032	Security Guards	7,270	7,720	450	6%	1,580	2,030	\$20,929	Short-term on-the-job training
33-9091	Crossing Guards	200	210	10	5%	60	80	\$19,292	NA
33-9099	Protective Service Workers, All Other	1,410	1,550	140	10%	980	1,110	\$27,202	Short-term on-the-job training
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>71,620</b>	<b>80,630</b>	<b>9,010</b>	<b>13%</b>	<b>28,530</b>	<b>37,700</b>	<b>\$17,111</b>	<b>NA</b>

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change	Replacements <sup>1</sup>	Openings	Annual Wage <sup>2</sup>	
35-1000	Supervisors, Food Preparation and Serving Workers	6,840	7,570	730	11%	1,660	2,390	NA NA	
35-1011	Chefs and Head Cooks	500	570	70	14%	150	220	\$35,668	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	6,330	7,000	670	11%	1,510	2,170	\$26,813	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	18,090	19,550	1,460	8%	5,870	7,480	NA NA	
35-2011	Cooks, Fast Food	2,700	2,760	60	2%	840	900	\$14,860	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	2,440	2,290	-150	-6%	760	760	\$20,204	Long-term on-the-job training
35-2014	Cooks, Restaurant	4,710	5,330	620	13%	1,460	2,070	\$20,291	Long-term on-the-job training
35-2015	Cooks, Short Order	2,120	2,220	100	5%	660	750	\$18,300	Short-term on-the-job training
35-2021	Food Preparation Workers	6,100	6,950	850	14%	2,160	3,000	\$17,732	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	39,670	45,840	6,170	16%	18,690	24,860	NA NA	
35-3011	Bartenders	3,450	3,520	70	2%	1,360	1,440	\$16,001	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,180	20,770	3,590	21%	7,450	11,040	\$15,826	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,150	3,490	340	11%	2,060	2,390	\$14,127	Short-term on-the-job training
35-3031	Waiters and Waitresses	13,940	16,070	2,130	15%	7,170	9,310	\$14,181	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	1,960	1,990	30	2%	660	690	\$17,195	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	7,010	7,670	660	9%	2,310	2,960	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,150	2,370	220	10%	720	940	\$14,643	Short-term on-the-job training
35-9021	Dishwashers	2,380	2,480	100	4%	800	910	\$16,153	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,190	2,490	300	14%	700	1,000	\$16,348	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	300	320	20	7%	90	120	\$17,790	Short-term on-the-job training
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>28,870</b>	<b>31,930</b>	<b>3,060</b>	<b>11%</b>	<b>5,730</b>	<b>8,800</b>	<b>\$21,297</b>	<b>NA</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	2,660	2,930	270	10%	480	740	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,590	1,710	120	8%	380	500	\$29,747	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	1,080	1,220	140	13%	100	250	\$37,371	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	19,450	21,300	1,850	10%	3,790	5,640	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	14,200	15,800	1,600	11%	2,700	4,290	\$19,564	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	5,090	5,330	240	5%	1,070	1,310	\$17,050	Short-term on-the-job training
37-2021	Pest Control Workers	160	170	10	6%	20	40	\$26,347	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	6,750	7,700	950	14%	1,470	2,420	NA NA	
37-3011	Landscaping and Groundskeeping Workers	5,780	6,710	930	16%	1,260	2,190	\$22,538	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	760	780	20	3%	170	190	\$34,069	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	NA	Short-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OE	180	180	0	0%	40	40	NA NA	
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>19,920</b>	<b>22,010</b>	<b>2,090</b>	<b>10%</b>	<b>4,950</b>	<b>7,230</b>	<b>\$21,353</b>	<b>NA</b>
39-1000	Supervisors, Personal Care and Service Workers	1,220	1,190	-30	-2%	310	310	NA NA	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,210	1,180	-30	-2%	300	300	\$32,729	Work experience in a related occupation
39-2000	Animal Care and Service Workers	820	950	130	16%	200	330	NA NA	
39-2011	Animal Trainers	40	50	10	25%	10	20	NA	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	780	900	120	15%	190	320	\$20,734	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	3,100	3,540	440	14%	1,160	1,620	NA NA	
39-3021	Motion Picture Projectionists	60	50	-10	-17%	30	30	\$16,926	NA
39-3031	Ushers, Lobby Attendants, and Ticket Takers	860	860	0	0%	490	490	\$15,024	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	1,100	1,380	280	25%	320	590	\$14,295	Short-term on-the-job training
39-3092	Costume Attendants	30	30	0	0%	10	10	\$34,761	NA
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	110	140	30	27%	30	50	\$17,578	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	940	1,100	160	17%	290	440	NA NA	
39-4000	Funeral Service Workers	240	270	30	13%	50	80	NA NA	
39-4011	Embalmers	30	30	0	0%	10	10	NA NA	
39-4021	Funeral Attendants	210	240	30	14%	40	70	NA	Short-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change	Replacements <sup>1</sup>	Openings	Annual Wage <sup>2</sup>	
39-5000	Personal Appearance Workers	2,490	2,470	-20	-1%	490	510	NA NA	
39-5011	Barbers	120	110	-10	-8%	30	30	\$22,978	Postsecondary vocational training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,150	2,120	-30	-1%	410	410	\$22,875	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	90	100	10	11%	20	30	\$18,314	Postsecondary vocational training
39-5093	Shampoosers	60	60	0	0%	10	10		NA Short-term on-the-job training
39-5094	Skin Care Specialists	80	90	10	13%	20	20	\$26,414	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	1,710	1,650	-60	-4%	410	460	NA NA	
39-6011	Baggage Porters and Bellhops	920	830	-90	-10%	240	240	\$31,014	Short-term on-the-job training
39-6012	Concierges	60	70	10	17%	20	20	\$19,412	Work experience in a related occupation
39-6021	Tour Guides and Escorts	360	340	-20	-6%	100	100		NA Moderate-term on-the-job training
39-6022	Travel Guides	20	20	0	0%	10	10		NA Long-term on-the-job training
39-6031	Flight Attendants	300	350	50	17%	40	90	NA NA	
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	40	50	10	25%	10	10		NA Short-term on-the-job training
39-9000	Other Personal Care and Service Workers	10,350	11,950	1,600	15%	2,340	3,930	NA NA	
39-9011	Child Care Workers	3,680	3,920	240	7%	1,000	1,240	\$18,639	Short-term on-the-job training
39-9021	Personal and Home Care Aides	2,560	3,070	510	20%	410	930	\$19,992	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	1,310	1,830	520	40%	300	820	\$28,693	Postsecondary vocational training
39-9032	Recreation Workers	1,650	1,810	160	10%	380	540	\$22,833	Bachelor's degree
39-9041	Residential Advisors	320	360	40	13%	70	110	\$22,549	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	840	960	120	14%	180	290		NA Moderate-term on-the-job training
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>98,780</b>	<b>101,620</b>	<b>2,840</b>	<b>3%</b>	<b>30,910</b>	<b>34,650</b>	<b>\$33,431</b>	<b>NA</b>
41-1000	Supervisors, Sales Workers	15,050	15,170	120	1%	2,740	2,860	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	11,050	11,170	120	1%	1,990	2,100	\$38,639	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	4,000	4,000	0	0%	750	760	\$65,026	Work experience in a related occupation
41-2000	Retail Sales Workers	50,010	51,440	1,430	3%	20,610	22,230	NA NA	
41-2011	Cashiers	20,330	20,760	430	2%	9,890	10,320	\$16,651	Short-term on-the-job training
41-2021	Counter and Rental Clerks	2,860	3,110	250	9%	1,100	1,350	\$20,011	Short-term on-the-job training
41-2022	Parts Salespersons	1,590	1,410	-180	-11%	460	460	\$28,384	Moderate-term on-the-job training
41-2031	Retail Salespersons	25,230	26,170	940	4%	9,170	10,110	\$23,729	Short-term on-the-job training
41-3000	Sales Representatives, Services	6,850	7,270	420	6%	1,320	1,770	NA NA	
41-3011	Advertising Sales Agents	1,160	1,220	60	5%	220	290	\$50,030	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	2,440	2,610	170	7%	580	760	\$54,745	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,930	2,130	200	10%	220	430	\$69,567	Bachelor's degree
41-3041	Travel Agents	1,330	1,300	-30	-2%	300	300		NA Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	14,660	15,840	1,180	8%	3,850	5,030	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	3,730	4,070	340	9%	980	1,320	\$70,910	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	10,930	11,770	840	8%	2,870	3,710	\$52,897	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	12,210	11,890	-320	-3%	2,380	2,760	NA NA	
41-9011	Demonstrators and Product Promoters	520	560	40	8%	110	160	\$25,676	Moderate-term on-the-job training
41-9021	Real Estate Brokers	300	270	-30	-10%	60	60	\$91,292	Work experience in a related occupation
41-9022	Real Estate Sales Agents	4,410	4,180	-230	-5%	880	880	\$36,606	Postsecondary vocational training
41-9031	Sales Engineers	490	510	20	4%	150	160	\$77,837	Bachelor's degree
41-9041	Telemarketers	2,740	2,390	-350	-13%	450	450	\$23,116	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	460	390	-70	-15%	110	110		NA Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	3,280	3,590	310	9%	620	940	\$41,937	Moderate-term on-the-job training
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>155,020</b>	<b>155,300</b>	<b>280</b>	<b>0%</b>	<b>35,240</b>	<b>42,620</b>	<b>\$28,707</b>	<b>NA</b>
43-1000	Supervisors, Office and Administrative Support Workers	9,360	9,250	-110	-1%	2,010	2,010	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wo	9,360	9,250	-110	-1%	2,010	2,010	\$44,676	Work experience in a related occupation
43-2000	Communications Equipment Operators	2,230	2,070	-160	-7%	570	570	NA NA	
43-2011	Switchboard Operators, Including Answering Service	2,070	2,000	-70	-3%	530	530	\$21,480	Short-term on-the-job training
43-2021	Telephone Operators	120	40	-80	-67%	30	30		NA Short-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
43-2099	Communications Equipment Operators, All Other	40	30	-10	-25%	10	10	NA	Short-term on-the-job training
43-3000	<i>Financial Clerks</i>	22,100	22,410	310	1%	5,140	5,840	NA	NA
43-3011	Bill and Account Collectors	2,940	3,480	540	18%	550	1,090	\$30,113	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	3,720	3,870	150	4%	630	780	\$28,425	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,660	10,330	-330	-3%	2,000	2,000	\$29,327	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	80	90	10	13%	40	50	NA	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	1,330	1,310	-20	-2%	350	350	\$31,728	Short-term on-the-job training
43-3061	Procurement Clerks	370	330	-40	-11%	100	100	\$30,733	Short-term on-the-job training
43-3071	Tellers	2,990	2,990	0	0%	1,470	1,470	\$19,954	Short-term on-the-job training
43-4000	<i>Information and Record Clerks</i>	36,020	39,030	3,010	8%	7,470	11,640	NA	NA
43-4011	Brokerage Clerks	240	190	-50	-21%	30	30	\$35,868	Moderate-term on-the-job training
43-4021	Correspondence Clerks	370	320	-50	-14%	110	110	NA	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	370	400	30	8%	80	110	\$25,827	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	760	710	-50	-7%	150	150	NA	Short-term on-the-job training
43-4051	Customer Service Representatives	12,840	14,590	1,750	14%	1,910	3,660	\$30,202	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	220	190	-30	-14%	60	60	\$32,106	Moderate-term on-the-job training
43-4071	File Clerks	1,680	1,480	-200	-12%	500	500	\$21,827	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	850	930	80	9%	380	460	\$17,404	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	1,170	1,450	280	24%	300	580	\$23,386	Short-term on-the-job training
43-4121	Library Assistants, Clerical	300	360	60	20%	120	180	NA	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	1,560	1,370	-190	-12%	210	210	\$33,755	Short-term on-the-job training
43-4141	New Accounts Clerks	360	360	0	0%	90	100	\$23,519	Work experience in a related occupation
43-4151	Order Clerks	1,770	1,430	-340	-19%	400	400	\$27,662	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,120	1,240	120	11%	240	360	\$32,542	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	7,450	9,280	1,830	25%	1,830	3,660	\$22,403	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	2,670	2,410	-260	-10%	700	700	\$26,239	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	2,300	2,330	30	1%	360	390	NA	NA
43-5000	<i>Material Recording, Scheduling, Dispatching, and Distributing Workers</i>	27,700	25,890	-1,810	-7%	8,200	8,500	NA	NA
43-5011	Cargo and Freight Agents	980	1,040	60	6%	220	280	\$33,199	Moderate-term on-the-job training
43-5021	Couriers and Messengers	510	460	-50	-10%	120	120	\$21,924	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	330	350	20	6%	70	90	\$27,459	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,090	1,170	80	7%	230	310	\$30,846	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	290	250	-40	-14%	90	90	\$31,545	NA
43-5051	Postal Service Clerks	460	450	-10	-2%	120	120	\$40,910	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	2,190	2,120	-70	-3%	690	690	\$43,344	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operat	1,850	1,610	-240	-13%	490	490	\$37,571	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	2,570	2,590	20	1%	620	650	\$41,532	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	5,060	4,940	-120	-2%	1,040	1,040	\$25,572	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	11,730	10,140	-1,590	-14%	4,340	4,340	\$21,729	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	620	740	120	19%	160	280	\$23,502	Short-term on-the-job training
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, AI	20	20	0	0%	10	10	NA	NA
43-6000	<i>Secretaries and Administrative Assistants</i>	27,430	27,580	150	1%	5,250	6,750	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	7,510	7,530	20	0%	1,440	1,460	\$35,800	Moderate-term on-the-job training
43-6012	Legal Secretaries	2,030	2,460	430	21%	390	830	\$31,159	Postsecondary vocational training
43-6013	Medical Secretaries	4,740	5,780	1,040	22%	910	1,940	\$24,953	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	13,160	11,820	-1,340	-10%	2,520	2,520	\$27,360	Moderate-term on-the-job training
43-9000	<i>Other Office and Administrative Support Workers</i>	30,190	29,080	-1,110	-4%	6,610	7,320	NA	NA
43-9011	Computer Operators	1,170	900	-270	-23%	250	250	\$29,700	Moderate-term on-the-job training
43-9021	Data Entry Keyers	2,180	1,840	-340	-16%	520	520	\$25,096	Moderate-term on-the-job training
43-9022	Word Processors and Typists	1,260	820	-440	-35%	280	280	NA	Moderate-term on-the-job training
43-9031	Desktop Publishers	240	270	30	13%	60	80	\$30,268	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	3,820	3,740	-80	-2%	620	620	\$29,089	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,700	1,490	-210	-12%	510	510	\$23,811	Short-term on-the-job training
43-9061	Office Clerks, General	15,000	15,690	690	5%	3,320	4,010	\$23,490	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	1,160	1,050	-110	-9%	290	290	\$25,859	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	160	150	-10	-6%	30	30	\$26,056	Short-term on-the-job training
43-9111	Statistical Assistants	100	90	-10	-10%	20	20	\$35,926	Moderate-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	3,400	3,050	-350	-10%	720	720	NA NA	
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>2,180</b>	<b>2,300</b>	<b>120</b>	<b>6%</b>	<b>590</b>	<b>730</b>	<b>\$24,135 NA</b>	
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	140	150	10	7%	30	50	NA NA	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worke	140	150	10	7%	30	50	NA Work experience in a related occupation	
45-2000	Agricultural Workers	1,820	1,940	120	7%	510	630	NA NA	
45-2041	Graders and Sorters, Agricultural Products	90	100	10	11%	20	30	\$22,019 Work experience in a related occupation	
45-2091	Agricultural Equipment Operators	90	100	10	11%	30	30	NA Moderate-term on-the-job training	
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,510	1,580	70	5%	430	500	\$19,182 Long-term on-the-job training	
45-2093	Farmworkers, Farm and Ranch Animals	110	150	40	36%	30	70	NA Moderate-term on-the-job training	
45-4000	Forest, Conservation, and Logging Workers	100	90	-10	-10%	20	20	NA NA	
45-4021	Fallers	40	40	0	0%	10	10	NA Moderate-term on-the-job training	
45-4022	Logging Equipment Operators	30	30	0	0%	10	10	NA Moderate-term on-the-job training	
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	NA Moderate-term on-the-job training	
45-9000	Other Farming, Fishing, and Forestry Workers	120	120	0	0%	30	30	NA NA	
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	120	120	0	0%	30	30	NA NA	
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>49,040</b>	<b>52,580</b>	<b>3,540</b>	<b>7%</b>	<b>9,520</b>	<b>13,130</b>	<b>\$41,279 NA</b>	
47-1000	Supervisors, Construction and Extraction Workers	5,910	6,540	630	11%	1,010	1,640	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	5,910	6,540	630	11%	1,010	1,640	\$51,932 Work experience in a related occupation	
47-2000	Construction Trades Workers	38,530	41,140	2,610	7%	7,080	9,710	NA NA	
47-2011	Boilermakers	20	20	0	0%	10	10	NA Long-term on-the-job training	
47-2021	Brickmasons and Blockmasons	1,430	1,490	60	4%	210	280	\$51,466 Long-term on-the-job training	
47-2022	Stonemasons	140	150	10	7%	20	30	NA Long-term on-the-job training	
47-2031	Carpenters	8,490	8,850	360	4%	1,380	1,750	\$38,489 Long-term on-the-job training	
47-2041	Carpet Installers	260	290	30	12%	40	70	NA Moderate-term on-the-job training	
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	250	250	0	0%	40	40	\$28,947 Moderate-term on-the-job training	
47-2043	Floor Sanders and Finishers	130	120	-10	-8%	20	20	NA Moderate-term on-the-job training	
47-2044	Tile and Marble Setters	200	230	30	15%	30	60	NA Long-term on-the-job training	
47-2051	Cement Masons and Concrete Finishers	1,490	1,790	300	20%	300	600	\$36,765 Long-term on-the-job training	
47-2053	Terrazzo Workers and Finishers	40	50	10	25%	10	10	NA Long-term on-the-job training	
47-2061	Construction Laborers	5,500	5,960	460	8%	730	1,190	\$33,003 Moderate-term on-the-job training	
47-2071	Paving, Surfacing, and Tamping Equipment Operators	290	310	20	7%	40	70	\$40,253 Moderate-term on-the-job training	
47-2073	Operating Engineers and Other Construction Equipment Operators	1,860	2,040	180	10%	480	670	\$43,969 Moderate-term on-the-job training	
47-2081	Drywall and Ceiling Tile Installers	770	870	100	13%	170	260	\$42,191 Moderate-term on-the-job training	
47-2082	Tapers	110	130	20	18%	30	40	\$40,648 Moderate-term on-the-job training	
47-2111	Electricians	4,750	5,100	350	7%	940	1,280	\$50,697 Long-term on-the-job training	
47-2121	Glaziers	580	700	120	21%	120	240	NA Long-term on-the-job training	
47-2130	Insulation Workers	80	90	10	13%	30	30	NA NA	
47-2141	Painters, Construction and Maintenance	3,650	3,780	130	4%	560	690	\$33,391 Moderate-term on-the-job training	
47-2142	Paperhangers	160	160	0	0%	20	20	\$39,262 Moderate-term on-the-job training	
47-2151	Pipelayers	270	290	20	7%	60	90	\$34,939 Moderate-term on-the-job training	
47-2152	Plumbers, Pipefitters, and Steamfitters	4,220	4,390	170	4%	970	1,140	\$50,201 Long-term on-the-job training	
47-2161	Plasterers and Stucco Masons	160	170	10	6%	30	40	\$43,369 Long-term on-the-job training	
47-2171	Reinforcing Iron and Rebar Workers	120	130	10	8%	20	30	NA Long-term on-the-job training	
47-2181	Roofers	1,050	1,110	60	6%	240	310	\$31,751 Moderate-term on-the-job training	
47-2211	Sheet Metal Workers	2,140	2,260	120	6%	510	630	\$41,744 Moderate-term on-the-job training	
47-2221	Structural Iron and Steel Workers	370	400	30	8%	70	100	\$47,114 Long-term on-the-job training	
47-3000	Helpers, Construction Trades	2,340	2,400	60	3%	970	1,090	NA NA	
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	410	380	-30	-7%	170	170	\$30,036 Short-term on-the-job training	
47-3012	Helpers--Carpenters	610	670	60	10%	250	310	\$26,797 Short-term on-the-job training	
47-3013	Helpers--Electricians	450	470	20	4%	190	200	\$26,926 Short-term on-the-job training	
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	80	90	10	13%	30	40	NA Short-term on-the-job training	
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	570	540	-30	-5%	240	240	NA Short-term on-the-job training	
47-3016	Helpers--Roofers	80	80	0	0%	30	40	NA Short-term on-the-job training	

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
47-3019	Helpers, Construction Trades, All Other	160	180	20	13%	70	90	\$19,052	Short-term on-the-job training
<i>47-4000</i>	<i>Other Construction and Related Workers</i>	<i>1,920</i>	<i>2,110</i>	<i>190</i>	<i>10%</i>	<i>390</i>	<i>580</i>	<i>NA NA</i>	
47-4011	Construction and Building Inspectors	400	440	40	10%	90	130	\$40,471	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	310	310	0	0%	80	80	NA	Long-term on-the-job training
47-4031	Fence Erectors	240	270	30	13%	40	70	NA	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	280	360	80	29%	70	160	\$31,625	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	570	600	30	5%	80	110	\$27,403	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	110	120	10	9%	30	40	\$34,628	Moderate-term on-the-job training
<i>47-4900</i>	<i>All Other Construction Trades and Related Workers</i>	<i>180</i>	<i>210</i>	<i>30</i>	<i>17%</i>	<i>30</i>	<i>60</i>	<i>NA NA</i>	
47-4999	Construction Trades and Related Workers, All Other (OES Only)	180	210	30	17%	30	60	NA NA	
<i>47-5000</i>	<i>Extraction Workers</i>	<i>170</i>	<i>180</i>	<i>10</i>	<i>6%</i>	<i>40</i>	<i>50</i>	<i>NA NA</i>	
47-5021	Earth Drillers, Except Oil and Gas	90	90	0	0%	20	20	\$34,333	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	40	40	0	0%	10	10	NA NA	
47-5081	Helpers--Extraction Workers	20	30	10	50%	10	10	NA	Short-term on-the-job training
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>41,010</b>	<b>43,140</b>	<b>2,130</b>	<b>5%</b>	<b>9,270</b>	<b>12,040</b>	<b>\$38,332 NA</b>	
<i>49-1000</i>	<i>Supervisors of Installation, Maintenance, and Repair Workers</i>	<i>4,110</i>	<i>4,440</i>	<i>330</i>	<i>8%</i>	<i>1,030</i>	<i>1,370</i>	<i>NA NA</i>	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4,110	4,440	330	8%	1,030	1,370	\$52,571	Work experience in a related occupation
<i>49-2000</i>	<i>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</i>	<i>6,270</i>	<i>6,290</i>	<i>20</i>	<i>0%</i>	<i>1,120</i>	<i>1,490</i>	<i>NA NA</i>	
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,230	2,460	230	10%	270	500	\$32,033	Postsecondary vocational training
49-2021	Radio Mechanics	40	30	-10	-25%	10	10	NA	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	2,060	1,740	-320	-16%	430	430	\$46,451	Postsecondary vocational training
49-2091	Avionics Technicians	130	130	0	0%	30	30	NA	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	160	160	0	0%	40	40	NA	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipm	60	70	10	17%	20	20	\$39,802	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	590	650	60	10%	130	190	\$38,306	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	130	120	-10	-8%	30	30	\$55,507	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	70	80	10	14%	20	20	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	410	470	60	15%	80	140	NA	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	350	350	0	0%	70	70	\$31,202	Postsecondary vocational training
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers,	40	40	0	0%	10	10	NA NA	
<i>49-3000</i>	<i>Vehicle and Mobile Equipment Mechanics, Installers</i>	<i>12,910</i>	<i>13,640</i>	<i>730</i>	<i>6%</i>	<i>3,390</i>	<i>4,180</i>	<i>NA NA</i>	
49-3011	Aircraft Mechanics and Service Technicians	960	1,020	60	6%	230	280	NA	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	1,340	1,380	40	3%	270	310	\$41,016	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	30	40	10	33%	10	10	\$31,129	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	5,330	5,680	350	7%	1,420	1,770	\$34,842	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,540	2,730	190	7%	650	850	\$41,471	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	90	90	0	0%	20	20	\$38,928	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,180	1,270	90	8%	260	340	\$36,301	Postsecondary vocational training
49-3043	Rail Car Repairers	20	20	0	0%	0	10	NA	Long-term on-the-job training
49-3051	Motorboat Mechanics	120	140	20	17%	30	40	NA	Long-term on-the-job training
49-3052	Motorcycle Mechanics	70	80	10	14%	20	20	\$34,765	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	80	80	0	0%	20	20	NA	Moderate-term on-the-job training
49-3091	Bicycle Repairers	60	70	10	17%	30	30	NA	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	80	90	10	13%	30	50	\$29,828	Long-term on-the-job training
49-3093	Tire Repairers and Changers	890	830	-60	-7%	380	380	\$21,268	Short-term on-the-job training
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All O	130	140	10	8%	30	50	NA NA	
<i>49-9000</i>	<i>Other Installation, Maintenance, and Repair Occupations</i>	<i>17,730</i>	<i>18,770</i>	<i>1,040</i>	<i>6%</i>	<i>3,730</i>	<i>5,000</i>	<i>NA NA</i>	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	110	110	0	0%	30	30	\$50,323	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,000	2,300	300	15%	270	570	\$41,335	Long-term on-the-job training
49-9031	Home Appliance Repairers	470	460	-10	-2%	110	110	\$36,816	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	1,020	1,050	30	3%	210	230	\$45,988	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	8,520	9,180	660	8%	1,640	2,300	\$32,761	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	490	540	50	10%	110	170	\$39,695	Long-term on-the-job training
49-9044	Millwrights	750	640	-110	-15%	180	180	\$54,823	Long-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement <sup>3</sup>
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49-9045	Refractory Materials Repairers, Except Brickmasons	140	120	-20	-14%	30	30	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	440	470	30	7%	140	170	\$50,896	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	370	420	50	14%	100	150	\$31,892	Long-term on-the-job training
49-9062	Medical Equipment Repairers	380	430	50	13%	110	150	NA	Moderate-term on-the-job training
49-9063	Musical Instrument Repairers and Tuners	90	90	0	0%	30	30	\$42,936	Long-term on-the-job training
49-9064	Watch Repairers	20	20	0	0%	10	10	NA	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	80	70	-10	-13%	20	20	\$46,580	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	260	280	20	8%	60	90	\$32,673	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	100	90	-10	-10%	30	30	\$21,200	Moderate-term on-the-job training
49-9096	Riggers	20	10	-10	-50%	0	0	NA	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	900	980	80	9%	310	380	\$24,357	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,540	1,460	-80	-5%	350	350	\$28,497	Long-term on-the-job training
<b>51-0000</b>	<b>Production Occupations</b>	<b>73,420</b>	<b>69,720</b>	<b>-3,700</b>	<b>-5%</b>	<b>17,830</b>	<b>19,770</b>	<b>\$32,493</b>	<b>NA</b>
51-1000	Supervisors, Production Workers	5,480	5,520	40	1%	1,150	1,190	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,480	5,520	40	1%	1,150	1,190	\$49,989	Work experience in a related occupation
51-2000	Assemblers and Fabricators	15,740	13,660	-2,080	-13%	4,020	4,020	NA	NA
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	160	150	-10	-6%	40	40	NA	Long-term on-the-job training
51-2021	Coil Winders, Tapers, and Finishers	170	140	-30	-18%	40	40	NA	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	940	690	-250	-27%	220	220	\$22,996	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	300	280	-20	-7%	70	70	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	720	600	-120	-17%	200	200	\$41,136	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	1,540	1,430	-110	-7%	360	360	\$30,916	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	NA	Moderate-term on-the-job training
51-2092	Team Assemblers	9,350	8,100	-1,250	-13%	2,420	2,420	\$30,569	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	2,480	2,200	-280	-11%	640	640	\$28,658	Moderate-term on-the-job training
51-3000	Food Processing Workers	2,770	2,830	60	2%	640	800	NA	NA
51-3011	Bakers	1,480	1,580	100	7%	340	440	\$22,380	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	560	460	-100	-18%	120	120	\$26,839	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	70	70	0	0%	20	20	\$23,242	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	30	40	10	33%	10	10	NA	Moderate-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and	80	80	0	0%	20	30	NA	Short-term on-the-job training
51-3092	Food Batchmakers	420	450	30	7%	100	140	\$25,096	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	110	120	10	9%	20	40	\$19,720	Short-term on-the-job training
51-3099	Food Processing Workers, All Other (OES Only)	30	30	0	0%	10	10	NA	NA
51-4000	Metal Workers and Plastic Workers	19,680	17,820	-1,860	-9%	4,720	4,780	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	860	840	-20	-2%	140	140	\$32,318	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	160	150	-10	-6%	30	30	\$37,756	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal a	880	860	-20	-2%	290	290	\$28,566	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	330	280	-50	-15%	50	50	\$27,390	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	290	280	-10	-3%	70	70	\$23,735	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	2,240	2,060	-180	-8%	520	520	\$30,418	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal a	270	230	-40	-15%	80	80	\$40,092	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators	810	670	-140	-17%	160	160	\$31,684	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal a	740	620	-120	-16%	140	140	\$40,135	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and F	510	450	-60	-12%	90	90	\$37,168	Moderate-term on-the-job training
51-4041	Machinists	3,980	3,550	-430	-11%	930	930	\$37,230	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	130	130	0	0%	30	30	\$35,319	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	280	290	10	4%	60	70	NA	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	160	170	10	6%	50	60	NA	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	170	150	-20	-12%	50	50	\$50,164	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	660	570	-90	-14%	160	160	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tend	1,570	1,440	-130	-8%	390	390	\$28,902	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	380	-10	-3%	110	110	\$32,156	Moderate-term on-the-job training
51-4111	Tool and Die Makers	1,220	900	-320	-26%	280	280	\$54,093	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	2,240	2,290	50	2%	630	690	\$33,337	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tender	280	240	-40	-14%	80	80	\$31,197	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas	170	150	-20	-12%	50	50	\$31,868	Moderate-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
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51-4192	Lay-Out Workers, Metal and Plastic	50	40	-10	-20%	10	10	\$30,092	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and	380	310	-70	-18%	80	80	\$32,246	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	300	240	-60	-20%	100	100	\$36,597	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	620	540	-80	-13%	150	150	\$44,095	Moderate-term on-the-job training
51-5000	<i>Printing Workers</i>	3,260	2,900	-360	-11%	780	780	NA NA	
51-5011	Bindery Workers	490	370	-120	-24%	130	130	\$27,558	Moderate-term on-the-job training
51-5012	Bookbinders	130	110	-20	-15%	30	30	NA	Moderate-term on-the-job training
51-5021	Job Printers	370	360	-10	-3%	90	90	\$32,457	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	670	520	-150	-22%	160	160	\$32,325	Long-term on-the-job training
51-5023	Printing Machine Operators	1,570	1,520	-50	-3%	370	370	\$30,369	Moderate-term on-the-job training
51-5099	Printing Workers, All Other (OES Only)	20	20	0	0%	10	10	NA NA	
51-6000	<i>Textile, Apparel, and Furnishings Workers</i>	4,250	3,940	-310	-7%	890	890	NA NA	
51-6011	Laundry and Dry-Cleaning Workers	1,770	1,700	-70	-4%	480	480	\$18,479	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	490	430	-60	-12%	80	80	\$20,453	Short-term on-the-job training
51-6031	Sewing Machine Operators	770	730	-40	-5%	100	100	\$23,421	Moderate-term on-the-job training
51-6051	Sewers, Hand	130	120	-10	-8%	20	20	NA	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	720	620	-100	-14%	130	130	\$21,279	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	70	60	-10	-14%	20	20	NA	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthet	80	80	0	0%	20	20	NA	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	20	10	-10	-50%	10	10	NA	Long-term on-the-job training
51-6093	Upholsterers	190	170	-20	-11%	50	50	\$30,693	Long-term on-the-job training
51-7000	<i>Woodworkers</i>	1,350	1,350	0	0%	340	390	NA NA	
51-7011	Cabinetmakers and Bench Carpenters	870	920	50	6%	220	270	\$27,410	Long-term on-the-job training
51-7021	Furniture Finishers	130	130	0	0%	30	30	\$26,290	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	100	-20	-17%	30	30	\$26,478	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	190	170	-20	-11%	50	50	\$25,864	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	30	30	0	0%	10	10	\$28,847	Moderate-term on-the-job training
51-8000	<i>Plant and System Operators</i>	1,710	1,720	10	1%	510	580	NA NA	
51-8011	Nuclear Power Reactor Operators	40	40	0	0%	10	10	NA NA	
51-8012	Power Distributors and Dispatchers	100	90	-10	-10%	30	30	NA	Long-term on-the-job training
51-8013	Power Plant Operators	160	140	-20	-13%	40	40	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	210	210	0	0%	40	40	\$35,226	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	530	590	60	11%	180	250	\$28,983	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	540	520	-20	-4%	170	170	\$36,792	Long-term on-the-job training
51-8092	Gas Plant Operators	60	60	0	0%	20	20	NA	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	60	60	0	0%	20	20	\$40,844	Long-term on-the-job training
51-9000	<i>Other Production Occupations</i>	19,200	19,990	790	4%	4,790	6,340	NA NA	
51-9011	Chemical Equipment Operators and Tenders	2,710	3,290	580	21%	870	1,440	NA	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	180	160	-20	-11%	60	60	NA	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	100	90	-10	-10%	30	30	\$33,627	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	180	180	0	0%	50	50	\$31,707	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	390	360	-30	-8%	100	100	\$29,855	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	80	80	0	0%	20	20	\$21,282	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	490	510	20	4%	100	120	\$30,820	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	150	150	0	0%	40	40	NA	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	150	120	-30	-20%	40	40	\$34,242	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,950	3,590	-360	-9%	900	900	\$34,684	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	120	110	-10	-8%	20	20	\$40,575	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	230	320	90	39%	50	130	\$33,513	Long-term on-the-job training
51-9082	Medical Appliance Technicians	100	130	30	30%	20	60	\$28,763	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	160	180	20	13%	30	60	\$22,377	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	2,460	3,080	620	25%	490	1,110	\$26,183	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	800	810	10	1%	210	220	\$27,042	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	430	430	0	0%	110	110	\$39,474	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	330	440	110	33%	90	190	NA	Short-term on-the-job training
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	\$24,694	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	190	180	-10	-5%	50	50	\$19,205	Short-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change	Replacements <sup>1</sup>	Openings	Annual Wage <sup>2</sup>	
51-9191	Cementing and Gluing Machine Operators and Tenders	210	200	-10	-5%	60	60	\$30,804	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	50	60	10	20%	10	20	NA	Moderate-term on-the-job training
51-9194	Etchers and Engravers	40	40	0	0%	10	10	NA	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	320	290	-30	-9%	80	80	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	530	600	70	13%	110	190	\$30,403	Moderate-term on-the-job training
51-9197	Tire Builders	60	60	0	0%	10	10	NA	NA
51-9198	Helpers--Production Workers	2,110	2,080	-30	-1%	590	590	\$21,150	Short-term on-the-job training
51-9199	Production Workers, All Other	2,610	2,410	-200	-8%	620	620	\$37,413	Moderate-term on-the-job training
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>75,800</b>	<b>80,980</b>	<b>5,180</b>	<b>7%</b>	<b>17,120</b>	<b>22,660</b>	<b>\$28,812</b>	<b>NA</b>
53-1000	Supervisors, Transportation and Material Moving Workers	3,650	3,910	260	7%	860	1,120	NA	NA
53-1011	Aircraft Cargo Handling Supervisors	60	80	20	33%	10	30	\$32,049	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	1,340	1,460	120	9%	320	430	\$41,283	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	2,250	2,380	130	6%	530	660	\$53,049	Work experience in a related occupation
53-2000	Air Transportation Workers	1,210	1,360	150	12%	320	460	NA	NA
53-2011	Airline Pilots, Copilots, and Flight Engineers	380	430	50	13%	100	150	NA	Bachelor's degree
53-2012	Commercial Pilots	140	150	10	7%	40	50	\$44,814	Postsecondary vocational training
53-2021	Air Traffic Controllers	530	600	70	13%	140	200	NA	Long-term on-the-job training
53-2022	Airfield Operations Specialists	160	180	20	13%	40	60	\$58,969	Short-term on-the-job training
53-3000	Motor Vehicle Operators	29,450	32,400	2,950	10%	4,570	7,550	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	120	130	10	8%	10	20	\$19,428	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	410	430	20	5%	90	110	\$25,821	Moderate-term on-the-job training
53-3022	Bus Drivers, School	4,380	4,670	290	7%	950	1,240	\$24,703	Short-term on-the-job training
53-3031	Driver/Sales Workers	3,300	3,280	-20	-1%	540	540	\$24,112	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	14,070	16,020	1,950	14%	2,300	4,240	\$38,339	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	5,640	6,090	450	8%	520	970	\$27,277	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	1,070	1,260	190	18%	100	290	\$16,969	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	460	530	70	15%	60	140	\$19,751	Short-term on-the-job training
53-4000	Rail Transportation Workers	30	30	0	0%	10	10	NA	NA
53-6000	Other Transportation Workers	2,990	3,100	110	4%	1,080	1,300	NA	NA
53-6021	Parking Lot Attendants	960	1,080	120	13%	280	410	\$15,767	Short-term on-the-job training
53-6031	Service Station Attendants	1,320	1,210	-110	-8%	590	590	\$18,192	Short-term on-the-job training
53-6051	Transportation Inspectors	170	160	-10	-6%	40	40	\$62,908	Work experience in a related occupation
53-6099	Transportation Workers, All Other	550	650	100	18%	160	260	NA	Short-term on-the-job training
53-7000	Material Moving Workers	38,480	40,190	1,710	4%	10,290	12,220	NA	NA
53-7011	Conveyor Operators and Tenders	830	830	0	0%	240	240	NA	Short-term on-the-job training
53-7021	Crane and Tower Operators	230	240	10	4%	50	60	\$37,832	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	830	970	140	17%	230	360	\$31,592	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	40	40	0	0%	10	10	NA	Short-term on-the-job training
53-7041	Hoist and Winch Operators	200	210	10	5%	70	70	NA	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	5,400	5,890	490	9%	1,020	1,520	\$29,025	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	2,220	2,190	-30	-1%	770	770	\$22,107	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	16,430	16,530	100	1%	5,370	5,470	\$23,368	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	1,730	1,560	-170	-10%	470	470	\$23,520	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	9,540	10,680	1,140	12%	1,790	2,930	\$21,041	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	470	510	40	9%	120	160	\$31,725	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	240	260	20	8%	70	90	\$27,158	Moderate-term on-the-job training
53-7199	Material Moving Workers, All Other	300	280	-20	-7%	80	80	\$26,591	Short-term on-the-job training

1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
2)	2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.								
3)	Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:								
	First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.								
	Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.								
	Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.								
	Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.								
	Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.								
	Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.								
	Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.								
	Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.								
	Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.								
	Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.								
	Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.								

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 05**

**Education Requirement <sup>3</sup>**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>896,980</b>	<b>964,350</b>	<b>67,370</b>	<b>8%</b>	<b>213,750</b>	<b>296,870</b>	<b>\$36,041</b>
<b>First professional degree</b>								
23-1011	Lawyers	3,230	3,820	590	18%	420	1,000	\$87,948
29-1011	Chiropractors	360	380	20	6%	70	90	\$112,737
29-1041	Optometrists	240	270	30	13%	70	100	NA
29-1051	Pharmacists	1,610	1,960	350	22%	310	660	\$80,703
29-1062	Family and General Practitioners	1,020	1,260	240	24%	140	380	NA
29-1063	Internists, General	750	960	210	28%	100	300	\$116,271
29-1064	Obstetricians and Gynecologists	80	110	30	38%	10	30	\$199,963
29-1065	Pediatricians, General	190	240	50	26%	30	80	NA
29-1066	Psychiatrists	90	110	20	22%	10	30	\$162,196
29-1067	Surgeons	1,290	1,680	390	30%	170	560	\$190,243
29-1081	Podiatrists	90	90	0	0%	20	20	\$100,540
29-1131	Veterinarians	450	460	10	2%	110	120	\$81,484
29-1199	Health Diagnosing and Treating Practitioners, All Other	590	730	140	24%	130	270	\$114,516
<b>Doctoral degree</b>								
15-1011	Computer and Information Scientists, Research	90	110	20	22%	10	20	NA
19-1021	Biochemists and Biophysicists	610	740	130	21%	190	320	\$91,352
19-1022	Microbiologists	570	750	180	32%	180	350	NA
19-1042	Medical Scientists, Except Epidemiologists	360	420	60	17%	60	120	\$70,904
19-2012	Physicists	20	20	0	0%	10	10	\$93,499
25-1011	Business Teachers, Postsecondary	320	450	130	41%	70	200	\$63,512
25-1021	Computer Science Teachers, Postsecondary	70	90	20	29%	20	40	\$56,632
25-1022	Mathematical Science Teachers, Postsecondary	110	140	30	27%	20	60	\$55,538
25-1032	Engineering Teachers, Postsecondary	20	30	10	50%	0	10	NA
25-1042	Biological Science Teachers, Postsecondary	100	140	40	40%	20	60	\$73,928
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	NA
25-1052	Chemistry Teachers, Postsecondary	50	70	20	40%	10	30	\$62,776
25-1054	Physics Teachers, Postsecondary	40	60	20	50%	10	30	\$56,450
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	100	140	40	40%	20	60	NA
25-1063	Economics Teachers, Postsecondary	30	50	20	67%	10	20	\$72,023
25-1065	Political Science Teachers, Postsecondary	30	50	20	67%	10	20	\$56,404
25-1066	Psychology Teachers, Postsecondary	80	120	40	50%	20	50	\$56,742
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	\$53,748
25-1071	Health Specialties Teachers, Postsecondary	140	180	40	29%	30	80	\$79,904
25-1081	Education Teachers, Postsecondary	240	340	100	42%	60	150	\$49,276
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	NA
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	30	40	10	33%	10	20	NA
25-1112	Law Teachers, Postsecondary	70	110	40	57%	20	50	NA
25-1113	Social Work Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1121	Art, Drama, and Music Teachers, Postsecondary	190	270	80	42%	40	120	NA
25-1122	Communications Teachers, Postsecondary	110	150	40	36%	30	70	\$53,027
25-1123	English Language and Literature Teachers, Postsecondary	150	200	50	33%	30	90	\$42,671
25-1124	Foreign Language and Literature Teachers, Postsecondary	160	220	60	38%	40	100	\$47,908
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	40	\$55,324
25-1126	Philosophy and Religion Teachers, Postsecondary	80	120	40	50%	20	50	NA
25-1199	Postsecondary Teachers, All Other	430	580	150	35%	100	240	NA
<b>Master's degree</b>								
15-2031	Operations Research Analysts	310	300	-10	-3%	70	70	\$60,562
15-2041	Statisticians	130	130	0	0%	40	40	\$48,707
15-2099	Mathematical Science Occupations, All Other	30	20	-10	-33%	10	10	NA

19-3031	Clinical, Counseling, and School Psychologists	550	630	80	15%	120	200	\$62,489
19-3051	Urban and Regional Planners	140	140	0	0%	50	50	\$43,801
19-3099	Social Scientists and Related Workers, All Other	180	190	10	6%	40	50	\$49,561
21-1011	Substance Abuse and Behavioral Disorder Counselors	510	700	190	37%	120	310	\$33,286
21-1012	Educational, Vocational, and School Counselors	950	1,030	80	8%	220	300	\$45,124
21-1013	Marriage and Family Therapists	130	130	0	0%	30	30	NA
21-1014	Mental Health Counselors	240	270	30	13%	60	80	\$42,812
21-1015	Rehabilitation Counselors	400	430	30	8%	90	120	\$27,630
21-1023	Mental Health and Substance Abuse Social Workers	280	340	60	21%	50	110	\$35,787
21-1091	Health Educators	440	470	30	7%	80	110	\$36,227
21-2011	Clergy	130	140	10	8%	30	30	\$35,232
25-1072	Nursing Instructors and Teachers, Postsecondary	120	150	30	25%	30	60	\$52,388
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	80	100	20	25%	20	50	\$45,479
25-4021	Librarians	1,090	1,180	90	8%	260	350	\$36,528
25-9031	Instructional Coordinators	230	270	40	17%	40	80	\$51,561
29-1121	Audiologists	100	110	10	10%	20	30	NA
29-1123	Physical Therapists	830	1,020	190	23%	80	270	\$63,047
29-1127	Speech-Language Pathologists	620	750	130	21%	150	290	\$55,425

**Work experience plus bachelor's or higher degree**

11-1011	Chief Executives	2,570	2,770	200	8%	490	690	\$148,776
11-1021	General and Operations Managers	11,760	12,730	970	8%	2,220	3,180	\$89,177
11-2011	Advertising and Promotions Managers	470	510	40	9%	90	130	\$57,520
11-2021	Marketing Managers	950	1,040	90	9%	180	260	\$84,688
11-2022	Sales Managers	2,070	2,450	380	18%	380	760	\$90,489
11-2031	Public Relations Managers	460	520	60	13%	80	140	\$68,132
11-3011	Administrative Services Managers	1,310	1,440	130	10%	260	380	\$61,864
11-3021	Computer and Information Systems Managers	1,930	2,500	570	30%	350	920	\$80,046
11-3031	Financial Managers	2,850	3,120	270	9%	410	690	\$83,043
11-3061	Purchasing Managers	440	420	-20	-5%	100	100	\$69,094
11-9011	Farm, Ranch, and Other Agricultural Managers	320	350	30	9%	60	90	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	320	370	50	16%	80	130	NA
11-9032	Education Administrators, Elementary and Secondary School	820	990	170	21%	210	370	\$74,336
11-9033	Education Administrators, Postsecondary	270	340	70	26%	70	130	\$58,720
11-9041	Engineering Managers	950	970	20	2%	190	210	\$85,112
11-9111	Medical and Health Services Managers	1,950	2,470	520	27%	380	900	\$72,089
11-9121	Natural Sciences Managers	750	790	40	5%	150	180	\$59,209
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	170	180	10	6%	30	50	NA
13-1111	Management Analysts	4,200	4,620	420	10%	580	990	\$67,240
15-2011	Actuaries	140	150	10	7%	60	70	\$79,207
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	40	10	33%	0	10	NA
23-1022	Arbitrators, Mediators, and Conciliators	50	50	0	0%	10	10	\$44,409
23-1023	Judges, Magistrate Judges, and Magistrates	130	130	0	0%	20	20	\$65,999
27-1011	Art Directors	270	270	0	0%	60	60	\$52,717
27-2012	Producers and Directors	520	590	70	13%	80	150	\$46,326

**Bachelor's degree**

11-3051	Industrial Production Managers	860	860	0	0%	170	170	\$70,024
11-9021	Construction Managers	2,410	2,580	170	7%	440	610	\$71,407
11-9141	Property, Real Estate, and Community Association Managers	2,320	2,480	160	7%	430	590	\$51,874
11-9151	Social and Community Service Managers	730	860	130	18%	140	270	\$44,966
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,180	1,120	-60	-5%	310	310	\$45,578
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,600	1,680	80	5%	400	480	\$45,848
13-1051	Cost Estimators	1,610	1,800	190	12%	360	550	\$50,683
13-1071	Employment, Recruitment, and Placement Specialists	1,370	1,530	160	12%	210	370	\$51,467
13-1072	Compensation, Benefits, and Job Analysis Specialists	470	530	60	13%	70	130	\$49,389
13-1073	Training and Development Specialists	1,160	1,360	200	17%	180	380	\$44,954
13-1121	Meeting and Convention Planners	260	270	10	4%	60	70	\$44,233
13-1199	Business Operations Specialists, All Other	8,740	10,680	1,940	22%	1,490	3,420	\$51,882
13-2011	Accountants and Auditors	8,220	8,670	450	5%	1,550	2,000	\$56,085
13-2031	Budget Analysts	240	260	20	8%	40	60	\$54,513
13-2041	Credit Analysts	950	1,030	80	8%	150	220	\$38,015
13-2051	Financial Analysts	900	1,010	110	12%	130	240	\$60,706
13-2052	Personal Financial Advisors	500	650	150	30%	70	220	\$73,712
13-2053	Insurance Underwriters	990	1,040	50	5%	180	230	\$46,716
13-2061	Financial Examiners	150	160	10	7%	40	40	\$69,848
13-2071	Loan Counselors	70	80	10	14%	10	20	\$32,391

13-2072	Loan Officers	1,450	1,660	210	14%	230	440	\$50,870
13-2081	Tax Examiners, Collectors, and Revenue Agents	470	480	10	2%	110	120	\$43,476
13-2099	Financial Specialists, All Other	1,290	1,370	80	6%	230	300	\$51,269
15-1021	Computer Programmers	2,620	2,550	-70	-3%	620	620	\$57,530
15-1031	Computer Software Engineers, Applications	1,370	1,670	300	22%	140	430	\$65,579
15-1032	Computer Software Engineers, Systems Software	1,130	1,450	320	28%	110	430	\$61,406
15-1051	Computer Systems Analysts	4,380	5,570	1,190	27%	500	1,680	\$59,412
15-1061	Database Administrators	660	840	180	27%	70	250	\$54,704
15-1071	Network and Computer Systems Administrators	1,540	1,960	420	27%	170	600	\$50,772
15-1081	Network Systems and Data Communications Analysts	760	1,020	260	34%	90	350	\$58,690
17-1011	Architects, Except Landscape and Naval	680	770	90	13%	80	170	\$58,777
17-1012	Landscape Architects	90	100	10	11%	10	30	\$65,017
17-1021	Cartographers and Photogrammetrists	20	20	0	0%	10	10	\$43,653
17-1022	Surveyors	480	480	0	0%	160	160	\$39,619
17-2011	Aerospace Engineers	450	390	-60	-13%	110	110	NA
17-2031	Biomedical Engineers	40	50	10	25%	10	10	\$64,218
17-2041	Chemical Engineers	370	400	30	8%	110	140	NA
17-2051	Civil Engineers	1,340	1,390	50	4%	210	260	\$60,121
17-2061	Computer Hardware Engineers	110	130	20	18%	20	40	\$75,052
17-2071	Electrical Engineers	1,090	1,020	-70	-6%	210	210	\$60,254
17-2072	Electronics Engineers, Except Computer	420	460	40	10%	80	130	\$68,015
17-2081	Environmental Engineers	240	310	70	29%	40	120	\$54,539
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	190	200	10	5%	50	50	\$55,075
17-2112	Industrial Engineers	1,320	1,280	-40	-3%	320	320	\$65,753
17-2131	Materials Engineers	110	100	-10	-9%	30	30	\$67,026
17-2141	Mechanical Engineers	1,460	1,370	-90	-6%	400	400	\$63,436
17-2199	Engineers, All Other	1,770	1,820	50	3%	340	390	\$76,247
19-1031	Conservation Scientists	30	30	0	0%	10	10	\$60,442
19-1032	Foresters	20	20	0	0%	10	10	\$35,263
19-1099	Life Scientists, All Other	730	910	180	25%	130	310	NA
19-2031	Chemists	1,000	1,230	230	23%	330	560	\$87,588
19-2032	Materials Scientists	20	30	10	50%	10	10	\$42,717
19-2041	Environmental Scientists and Specialists, Including Health	340	370	30	9%	60	100	\$57,748
19-2042	Geoscientists, Except Hydrologists and Geographers	70	70	0	0%	10	10	\$50,400
19-2043	Hydrologists	40	50	10	25%	10	10	\$65,013
19-2099	Physical Scientists, All Other	20	20	0	0%	10	10	NA
19-3011	Economists	30	30	0	0%	10	10	\$56,860
19-3021	Market Research Analysts	700	790	90	13%	180	270	\$54,995
19-3022	Survey Researchers	170	180	10	6%	40	60	\$27,309
21-1021	Child, Family, and School Social Workers	1,300	1,470	170	13%	220	390	\$32,669
21-1022	Medical and Public Health Social Workers	550	640	90	16%	90	190	\$38,375
21-1092	Probation Officers and Correctional Treatment Specialists	600	660	60	10%	110	160	\$28,725
23-2092	Law Clerks	290	270	-20	-7%	30	30	\$39,361
25-1191	Graduate Teaching Assistants	1,700	2,280	580	34%	380	970	NA
25-2011	Preschool Teachers, Except Special Education	2,000	2,350	350	18%	240	590	\$20,668
25-2012	Kindergarten Teachers, Except Special Education	660	810	150	23%	80	220	\$38,004
25-2021	Elementary School Teachers, Except Special Education	6,860	7,860	1,000	15%	1,510	2,520	\$42,632
25-2022	Middle School Teachers, Except Special and Vocational Education	2,360	2,590	230	10%	520	750	\$43,946
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,340	3,950	610	18%	940	1,550	\$44,284
25-2032	Vocational Education Teachers, Secondary School	470	500	30	6%	130	170	NA
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	730	940	210	29%	170	390	\$39,162
25-2042	Special Education Teachers, Middle School	360	440	80	22%	90	170	\$46,465
25-2043	Special Education Teachers, Secondary School	400	520	120	30%	100	210	\$45,121
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	390	460	70	18%	50	120	\$38,988
27-1014	Multi-Media Artists and Animators	330	330	0	0%	70	80	\$46,462
27-1021	Commercial and Industrial Designers	340	350	10	3%	50	60	\$52,285
27-1022	Fashion Designers	50	40	-10	-20%	10	10	NA
27-1024	Graphic Designers	1,210	1,380	170	14%	160	340	\$40,689
27-1025	Interior Designers	580	620	40	7%	80	120	\$40,917
27-3031	Public Relations Specialists	1,170	1,400	230	20%	170	390	\$46,209
27-3041	Editors	940	990	50	5%	230	280	\$44,842
27-3042	Technical Writers	470	500	30	6%	140	170	\$52,416
27-3043	Writers and Authors	590	670	80	14%	100	180	\$55,875
27-4032	Film and Video Editors	40	50	10	25%	10	20	\$41,783
29-1031	Dietitians and Nutritionists	300	330	30	10%	80	110	\$42,277
29-1071	Physician Assistants	130	210	80	62%	20	90	\$64,649
29-1122	Occupational Therapists	600	770	170	28%	80	250	\$51,346

29-1125	Recreational Therapists	160	160	0	0%	40	40	\$31,191
29-2011	Medical and Clinical Laboratory Technologists	1,440	1,820	380	26%	390	770	\$44,343
29-2091	Orthotists and Prosthetists	40	40	0	0%	10	10	\$49,119
29-9091	Athletic Trainers	60	80	20	33%	10	30	\$30,734
39-9032	Recreation Workers	1,650	1,810	160	10%	380	540	\$22,833
41-3021	Insurance Sales Agents	2,440	2,610	170	7%	580	760	\$54,745
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,930	2,130	200	10%	220	430	\$69,567
41-9031	Sales Engineers	490	510	20	4%	150	160	\$77,837
53-2011	Airline Pilots, Copilots, and Flight Engineers	380	430	50	13%	100	150	NA
<b>Associate degree</b>								
11-9061	Funeral Directors	140	140	0	0%	40	40	\$62,787
15-1041	Computer Support Specialists	3,150	3,740	590	19%	390	980	\$39,619
17-3022	Civil Engineering Technicians	500	510	10	2%	110	110	\$35,373
17-3023	Electrical and Electronic Engineering Technicians	1,180	1,330	150	13%	250	400	\$42,503
17-3024	Electro-Mechanical Technicians	80	80	0	0%	20	20	\$37,341
17-3025	Environmental Engineering Technicians	90	100	10	11%	20	30	\$31,997
17-3026	Industrial Engineering Technicians	700	810	110	16%	150	250	\$44,421
17-3027	Mechanical Engineering Technicians	160	160	0	0%	30	40	\$45,109
19-4011	Agricultural and Food Science Technicians	160	150	-10	-6%	30	30	NA
19-4021	Biological Technicians	940	1,180	240	26%	160	400	NA
19-4031	Chemical Technicians	480	500	20	4%	120	140	\$37,506
19-4091	Environmental Science and Protection Technicians, Including Health	230	320	90	39%	60	140	NA
19-4092	Forensic Science Technicians	50	50	0	0%	10	20	\$39,632
19-4099	Life, Physical, and Social Science Technicians, All Other	650	810	160	25%	150	320	\$37,557
23-2011	Paralegals and Legal Assistants	960	1,250	290	30%	80	360	\$39,834
29-1111	Registered Nurses	14,900	17,980	3,080	21%	3,120	6,200	\$50,418
29-1124	Radiation Therapists	100	120	20	20%	20	40	\$46,868
29-1126	Respiratory Therapists	1,060	1,360	300	28%	350	650	\$40,435
29-2012	Medical and Clinical Laboratory Technicians	750	920	170	23%	200	370	\$28,827
29-2021	Dental Hygienists	660	1,030	370	56%	60	420	NA
29-2031	Cardiovascular Technologists and Technicians	360	470	110	31%	70	180	\$35,439
29-2032	Diagnostic Medical Sonographers	240	280	40	17%	50	80	\$48,119
29-2034	Radiologic Technologists and Technicians	1,080	1,260	180	17%	200	380	\$41,727
29-2056	Veterinary Technologists and Technicians	400	460	60	15%	50	110	\$27,691
29-2071	Medical Records and Health Information Technicians	1,110	1,630	520	47%	160	690	\$27,008
31-2011	Occupational Therapist Assistants	160	190	30	19%	20	50	\$35,305
31-2021	Physical Therapist Assistants	330	440	110	33%	60	170	\$42,034
<b>Postsecondary vocational training</b>								
13-2021	Appraisers and Assessors of Real Estate	500	550	50	10%	110	160	\$32,159
15-1099	Computer Specialists, All Other	1,220	1,580	360	30%	140	500	\$71,068
17-3011	Architectural and Civil Drafters	900	890	-10	-1%	250	250	\$39,722
17-3012	Electrical and Electronics Drafters	80	70	-10	-13%	20	20	\$42,803
17-3013	Mechanical Drafters	430	390	-40	-9%	120	120	\$43,557
23-2091	Court Reporters	130	140	10	8%	20	20	\$29,706
27-4012	Broadcast Technicians	150	170	20	13%	40	50	\$24,282
27-4014	Sound Engineering Technicians	80	90	10	13%	20	30	\$35,419
29-2041	Emergency Medical Technicians and Paramedics	1,010	1,120	110	11%	120	230	\$26,072
29-2053	Psychiatric Technicians	830	850	20	2%	110	120	\$23,302
29-2054	Respiratory Therapy Technicians	180	240	60	33%	20	80	\$38,515
29-2055	Surgical Technologists	590	750	160	27%	80	230	\$38,060
29-2061	Licensed Practical and Licensed Vocational Nurses	4,950	5,560	610	12%	1,080	1,690	\$36,639
31-9011	Massage Therapists	170	200	30	18%	30	60	\$27,923
31-9094	Medical Transcriptionists	840	970	130	15%	160	290	\$27,584
35-1011	Chefs and Head Cooks	500	570	70	14%	150	220	\$35,668
39-5011	Barbers	120	110	-10	-8%	30	30	\$22,978
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,150	2,120	-30	-1%	410	410	\$22,875
39-5092	Manicurists and Pedicurists	90	100	10	11%	20	30	\$18,314
39-5094	Skin Care Specialists	80	90	10	13%	20	20	\$26,414
39-9031	Fitness Trainers and Aerobics Instructors	1,310	1,830	520	40%	300	820	\$28,693
41-3041	Travel Agents	1,330	1,300	-30	-2%	300	300	NA
41-9022	Real Estate Sales Agents	4,410	4,180	-230	-5%	880	880	\$36,606
43-6012	Legal Secretaries	2,030	2,460	430	21%	390	830	\$31,159
43-6013	Medical Secretaries	4,740	5,780	1,040	22%	910	1,940	\$24,953
43-9031	Desktop Publishers	240	270	30	13%	60	80	\$30,268
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,230	2,460	230	10%	270	500	\$32,033

49-2021	Radio Mechanics	40	30	-10	-25%	10	10	NA
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	2,060	1,740	-320	-16%	430	430	\$46,451
49-2091	Avionics Technicians	130	130	0	0%	30	30	NA
49-2092	Electric Motor, Power Tool, and Related Repairers	160	160	0	0%	40	40	NA
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	60	70	10	17%	20	20	\$39,802
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	590	650	60	10%	130	190	\$38,306
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	130	120	-10	-8%	30	30	\$55,507
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	70	80	10	14%	20	20	NA
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	410	470	60	15%	80	140	NA
49-2098	Security and Fire Alarm Systems Installers	350	350	0	0%	70	70	\$31,202
49-3011	Aircraft Mechanics and Service Technicians	960	1,020	60	6%	230	280	NA
49-3023	Automotive Service Technicians and Mechanics	5,330	5,680	350	7%	1,420	1,770	\$34,842
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,540	2,730	190	7%	650	850	\$41,471
49-3041	Farm Equipment Mechanics	90	90	0	0%	20	20	\$38,928
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,180	1,270	90	8%	260	340	\$36,301
51-4121	Welders, Cutters, Solderers, and Brazers	2,240	2,290	50	2%	630	690	\$33,337
51-9071	Jewelers and Precious Stone and Metal Workers	120	110	-10	-8%	20	20	\$40,575
53-2012	Commercial Pilots	140	150	10	7%	40	50	\$44,814

#### Work experience in a related occupation

11-3071	Transportation, Storage, and Distribution Managers	760	900	140	18%	150	290	\$69,812
11-9051	Food Service Managers	1,680	1,800	120	7%	280	390	\$39,219
11-9081	Lodging Managers	280	270	-10	-4%	50	50	\$45,859
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	\$56,196
11-9199	Managers, All Other	9,300	9,320	20	0%	1,810	1,840	\$63,135
13-1021	Purchasing Agents and Buyers, Farm Products	90	100	10	11%	30	50	\$55,941
13-1061	Emergency Management Specialists	140	160	20	14%	30	60	NA
25-1194	Vocational Education Teachers, Postsecondary	380	520	140	37%	90	220	\$46,018
25-3021	Self-Enrichment Education Teachers	1,300	1,670	370	28%	160	530	\$21,904
27-2032	Choreographers	150	170	20	13%	90	110	\$23,694
33-1011	First-Line Supervisors/Managers of Correctional Officers	370	410	40	11%	110	150	\$33,780
33-1012	First-Line Supervisors/Managers of Police and Detectives	580	650	70	12%	190	260	\$54,724
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	370	430	60	16%	150	210	\$57,784
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	300	310	10	3%	80	90	\$34,870
33-2021	Fire Inspectors and Investigators	240	250	10	4%	70	80	\$27,431
33-3021	Detectives and Criminal Investigators	280	340	60	21%	80	140	\$48,671
33-9021	Private Detectives and Investigators	150	150	0	0%	30	40	\$32,717
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	6,330	7,000	670	11%	1,510	2,170	\$26,813
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,590	1,710	120	8%	380	500	\$29,747
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Worker	1,080	1,220	140	13%	100	250	\$37,371
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,210	1,180	-30	-2%	300	300	\$32,729
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	110	140	30	27%	30	50	\$17,578
39-6012	Concierges	60	70	10	17%	20	20	\$19,412
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	11,050	11,170	120	1%	1,990	2,100	\$38,639
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	4,000	4,000	0	0%	750	760	\$65,026
41-9021	Real Estate Brokers	300	270	-30	-10%	60	60	\$91,292
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	9,360	9,250	-110	-1%	2,010	2,010	\$44,676
43-4141	New Accounts Clerks	360	360	0	0%	90	100	\$23,519
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	140	150	10	7%	30	50	NA
45-2041	Graders and Sorters, Agricultural Products	90	100	10	11%	20	30	\$22,019
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5,910	6,540	630	11%	1,010	1,640	\$51,932
47-4011	Construction and Building Inspectors	400	440	40	10%	90	130	\$40,471
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4,110	4,440	330	8%	1,030	1,370	\$52,571
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,480	5,520	40	1%	1,150	1,190	\$49,989
51-6052	Tailors, Dressmakers, and Custom Sewers	720	620	-100	-14%	130	130	\$21,279
53-1011	Aircraft Cargo Handling Supervisors	60	80	20	33%	10	30	\$32,049
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,340	1,460	120	9%	320	430	\$41,283
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	2,250	2,380	130	6%	530	660	\$53,049
53-6051	Transportation Inspectors	170	160	-10	-6%	40	40	\$62,908

#### Long-term on-the-job training

13-1031	Claims Adjusters, Examiners, and Investigators	2,880	3,080	200	7%	360	560	\$43,969
13-1032	Insurance Appraisers, Auto Damage	350	390	40	11%	40	80	\$41,857
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	660	690	30	5%	150	190	\$42,348
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	160	170	10	6%	30	50	\$40,072
27-2011	Actors	70	70	0	0%	10	10	\$0
27-2022	Coaches and Scouts	1,020	1,210	190	19%	200	390	\$23,715

27-2023	Umpires, Referees, and Other Sports Officials	80	80	0	0%	10	20	NA
27-2031	Dancers	540	580	40	7%	330	370	\$0
27-2042	Musicians and Singers	340	340	0	0%	70	80	NA
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	70	80	10	14%	10	20	NA
27-3091	Interpreters and Translators	30	30	0	0%	0	10	\$30,631
27-3099	Media and Communication Workers, All Other	230	250	20	9%	30	50	\$39,508
27-4011	Audio and Video Equipment Technicians	480	550	70	15%	120	180	\$37,470
27-4021	Photographers	760	740	-20	-3%	150	150	\$24,854
29-2081	Opticians, Dispensing	730	860	130	18%	130	260	\$25,416
33-2011	Fire Fighters	1,620	1,900	280	17%	470	740	\$41,836
33-3051	Police and Sheriff's Patrol Officers	3,220	3,860	640	20%	830	1,470	\$44,699
35-2012	Cooks, Institution and Cafeteria	2,440	2,290	-150	-6%	760	760	\$20,204
35-2014	Cooks, Restaurant	4,710	5,330	620	13%	1,460	2,070	\$20,291
39-6022	Travel Guides	20	20	0	0%	10	10	NA
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,510	1,580	70	5%	430	500	\$19,182
47-2011	Boilermakers	20	20	0	0%	10	10	NA
47-2021	Brickmasons and Blockmasons	1,430	1,490	60	4%	210	280	\$51,466
47-2022	Stonemasons	140	150	10	7%	20	30	NA
47-2031	Carpenters	8,490	8,850	360	4%	1,380	1,750	\$38,489
47-2044	Tile and Marble Setters	200	230	30	15%	30	60	NA
47-2051	Cement Masons and Concrete Finishers	1,490	1,790	300	20%	300	600	\$36,765
47-2053	Terrazzo Workers and Finishers	40	50	10	25%	10	10	NA
47-2111	Electricians	4,750	5,100	350	7%	940	1,280	\$50,697
47-2121	Glaziers	580	700	120	21%	120	240	NA
47-2152	Plumbers, Pipefitters, and Steamfitters	4,220	4,390	170	4%	970	1,140	\$50,201
47-2161	Plasterers and Stucco Masons	160	170	10	6%	30	40	\$43,369
47-2171	Reinforcing Iron and Rebar Workers	120	130	10	8%	20	30	NA
47-2221	Structural Iron and Steel Workers	370	400	30	8%	70	100	\$47,114
47-4021	Elevator Installers and Repairers	310	310	0	0%	80	80	NA
49-3021	Automotive Body and Related Repairers	1,340	1,380	40	3%	270	310	\$41,016
49-3022	Automotive Glass Installers and Repairers	30	40	10	33%	10	10	\$31,129
49-3043	Rail Car Repairers	20	20	0	0%	0	10	NA
49-3051	Motorboat Mechanics	120	140	20	17%	30	40	NA
49-3052	Motorcycle Mechanics	70	80	10	14%	20	20	\$34,765
49-3092	Recreational Vehicle Service Technicians	80	90	10	13%	30	50	\$29,828
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,000	2,300	300	15%	270	570	\$41,335
49-9031	Home Appliance Repairers	470	460	-10	-2%	110	110	\$36,816
49-9041	Industrial Machinery Mechanics	1,020	1,050	30	3%	210	230	\$45,988
49-9042	Maintenance and Repair Workers, General	8,520	9,180	660	8%	1,640	2,300	\$32,761
49-9043	Maintenance Workers, Machinery	490	540	50	10%	110	170	\$39,695
49-9044	Millwrights	750	640	-110	-15%	180	180	\$54,823
49-9045	Refractory Materials Repairers, Except Brickmasons	140	120	-20	-14%	30	30	NA
49-9051	Electrical Power-Line Installers and Repairers	440	470	30	7%	140	170	\$50,896
49-9052	Telecommunications Line Installers and Repairers	370	420	50	14%	100	150	\$31,892
49-9063	Musical Instrument Repairers and Tuners	90	90	0	0%	30	30	\$42,936
49-9064	Watch Repairers	20	20	0	0%	10	10	NA
49-9069	Precision Instrument and Equipment Repairers, All Other	80	70	-10	-13%	20	20	\$46,580
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,540	1,460	-80	-5%	350	350	\$28,497
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	160	150	-10	-6%	40	40	NA
51-3011	Bakers	1,480	1,580	100	7%	340	440	\$22,380
51-3021	Butchers and Meat Cutters	560	460	-100	-18%	120	120	\$26,839
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	860	840	-20	-2%	140	140	\$32,318
51-4012	Numerical Tool and Process Control Programmers	160	150	-10	-6%	30	30	\$37,756
51-4041	Machinists	3,980	3,550	-430	-11%	930	930	\$37,230
51-4111	Tool and Die Makers	1,220	900	-320	-26%	280	280	\$54,093
51-5021	Job Printers	370	360	-10	-3%	90	90	\$32,457
51-5022	Prepress Technicians and Workers	670	520	-150	-22%	160	160	\$32,325
51-6092	Fabric and Apparel Patternmakers	20	10	-10	-50%	10	10	NA
51-6093	Upholsterers	190	170	-20	-11%	50	50	\$30,693
51-7011	Cabinetmakers and Bench Carpenters	870	920	50	6%	220	270	\$27,410
51-7021	Furniture Finishers	130	130	0	0%	30	30	\$26,290
51-8012	Power Distributors and Dispatchers	100	90	-10	-10%	30	30	NA
51-8013	Power Plant Operators	160	140	-20	-13%	40	40	NA
51-8021	Stationary Engineers and Boiler Operators	210	210	0	0%	40	40	\$35,226
51-8031	Water and Liquid Waste Treatment Plant and System Operators	530	590	60	11%	180	250	\$28,983
51-8091	Chemical Plant and System Operators	540	520	-20	-4%	170	170	\$36,792
51-8092	Gas Plant Operators	60	60	0	0%	20	20	NA

51-8099	Plant and System Operators, All Other	60	60	0	0%	20	20	\$40,844
51-9081	Dental Laboratory Technicians	230	320	90	39%	50	130	\$33,513
51-9082	Medical Appliance Technicians	100	130	30	30%	20	60	\$28,763
51-9194	Etchers and Engravers	40	40	0	0%	10	10	NA
53-2021	Air Traffic Controllers	530	600	70	13%	140	200	NA
<b>Moderate-term on-the-job training</b>								
13-2082	Tax Preparers	410	470	60	15%	70	120	NA
17-3031	Surveying and Mapping Technicians	920	1,130	210	23%	340	540	\$30,870
21-1093	Social and Human Service Assistants	900	1,180	280	31%	160	440	\$31,623
23-2093	Title Examiners, Abstractors, and Searchers	300	300	0	0%	30	30	\$42,074
27-1023	Floral Designers	550	540	-10	-2%	70	70	\$18,509
27-1026	Merchandise Displayers and Window Trimmers	220	210	-10	-5%	30	30	\$25,372
27-4031	Camera Operators, Television, Video, and Motion Picture	150	160	10	7%	30	40	\$35,252
27-4099	Media and Communication Equipment Workers, All Other	80	90	10	13%	20	30	\$38,727
29-2051	Dietetic Technicians	160	190	30	19%	20	50	\$20,343
29-2052	Pharmacy Technicians	2,190	2,550	360	16%	290	640	\$23,972
31-9091	Dental Assistants	980	1,520	540	55%	270	810	NA
31-9092	Medical Assistants	2,290	3,630	1,340	59%	420	1,770	\$26,101
33-3012	Correctional Officers and Jailers	1,890	2,220	330	17%	390	720	\$27,667
33-9011	Animal Control Workers	50	60	10	20%	40	40	\$27,451
37-2021	Pest Control Workers	160	170	10	6%	20	40	\$26,347
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	760	780	20	3%	170	190	\$34,069
39-2011	Animal Trainers	40	50	10	25%	10	20	NA
39-6021	Tour Guides and Escorts	360	340	-20	-6%	100	100	NA
39-9041	Residential Advisors	320	360	40	13%	70	110	\$22,549
39-9099	Personal Care and Service Workers, All Other	840	960	120	14%	180	290	NA
41-2022	Parts Salespersons	1,590	1,410	-180	-11%	460	460	\$28,384
41-3011	Advertising Sales Agents	1,160	1,220	60	5%	220	290	\$50,030
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,730	4,070	340	9%	980	1,320	\$70,910
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,930	11,770	840	8%	2,870	3,710	\$52,897
41-9011	Demonstrators and Product Promoters	520	560	40	8%	110	160	\$25,676
41-9099	Sales and Related Workers, All Other	3,280	3,590	310	9%	620	940	\$41,937
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,660	10,330	-330	-3%	2,000	2,000	\$29,327
43-4011	Brokerage Clerks	240	190	-50	-21%	30	30	\$35,868
43-4051	Customer Service Representatives	12,840	14,590	1,750	14%	1,910	3,660	\$30,202
43-4061	Eligibility Interviewers, Government Programs	220	190	-30	-14%	60	60	\$32,106
43-5011	Cargo and Freight Agents	980	1,040	60	6%	220	280	\$33,199
43-5031	Police, Fire, and Ambulance Dispatchers	330	350	20	6%	70	90	\$27,459
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,090	1,170	80	7%	230	310	\$30,846
43-6011	Executive Secretaries and Administrative Assistants	7,510	7,530	20	0%	1,440	1,460	\$35,800
43-6014	Secretaries, Except Legal, Medical, and Executive	13,160	11,820	-1,340	-10%	2,520	2,520	\$27,360
43-9011	Computer Operators	1,170	900	-270	-23%	250	250	\$29,700
43-9021	Data Entry Keyers	2,180	1,840	-340	-16%	520	520	\$25,096
43-9022	Word Processors and Typists	1,260	820	-440	-35%	280	280	NA
43-9041	Insurance Claims and Policy Processing Clerks	3,820	3,740	-80	-2%	620	620	\$29,089
43-9111	Statistical Assistants	100	90	-10	-10%	20	20	\$35,926
45-2091	Agricultural Equipment Operators	90	100	10	11%	30	30	NA
45-2093	Farmworkers, Farm and Ranch Animals	110	150	40	36%	30	70	NA
45-4021	Fallers	40	40	0	0%	10	10	NA
45-4022	Logging Equipment Operators	30	30	0	0%	10	10	NA
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	NA
47-2041	Carpet Installers	260	290	30	12%	40	70	NA
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	250	250	0	0%	40	40	\$28,947
47-2043	Floor Sanders and Finishers	130	120	-10	-8%	20	20	NA
47-2061	Construction Laborers	5,500	5,960	460	8%	730	1,190	\$33,003
47-2071	Paving, Surfacing, and Tamping Equipment Operators	290	310	20	7%	40	70	\$40,253
47-2073	Operating Engineers and Other Construction Equipment Operators	1,860	2,040	180	10%	480	670	\$43,969
47-2081	Drywall and Ceiling Tile Installers	770	870	100	13%	170	260	\$42,191
47-2082	Tapers	110	130	20	18%	30	40	\$40,648
47-2141	Painters, Construction and Maintenance	3,650	3,780	130	4%	560	690	\$33,391
47-2142	Paperhangers	160	160	0	0%	20	20	\$39,262
47-2151	Pipelayers	270	290	20	7%	60	90	\$34,939
47-2181	Roofers	1,050	1,110	60	6%	240	310	\$31,751
47-2211	Sheet Metal Workers	2,140	2,260	120	6%	510	630	\$41,744
47-4031	Fence Erectors	240	270	30	13%	40	70	NA
47-4041	Hazardous Materials Removal Workers	280	360	80	29%	70	160	\$31,625

47-4051	Highway Maintenance Workers	570	600	30	5%	80	110	\$27,403
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	110	120	10	9%	30	40	\$34,628
47-5021	Earth Drillers, Except Oil and Gas	90	90	0	0%	20	20	\$34,333
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	80	80	0	0%	20	20	NA
49-3091	Bicycle Repairers	60	70	10	17%	30	30	NA
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	110	110	0	0%	30	30	\$50,323
49-9062	Medical Equipment Repairers	380	430	50	13%	110	150	NA
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	260	280	20	8%	60	90	\$32,673
49-9094	Locksmiths and Safe Repairers	100	90	-10	-10%	30	30	\$21,200
51-2041	Structural Metal Fabricators and Fitters	1,540	1,430	-110	-7%	360	360	\$30,916
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	NA
51-2092	Team Assemblers	9,350	8,100	-1,250	-13%	2,420	2,420	\$30,569
51-2099	Assemblers and Fabricators, All Other	2,480	2,200	-280	-11%	640	640	\$28,658
51-3023	Slaughterers and Meat Packers	30	40	10	33%	10	10	NA
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	880	860	-20	-2%	290	290	\$28,566
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	330	280	-50	-15%	50	50	\$27,390
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	290	280	-10	-3%	70	70	\$23,735
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,240	2,060	-180	-8%	520	520	\$30,418
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	230	-40	-15%	80	80	\$40,092
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	810	670	-140	-17%	160	160	\$31,684
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	740	620	-120	-16%	140	140	\$40,135
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	510	450	-60	-12%	90	90	\$37,168
51-4051	Metal-Refining Furnace Operators and Tenders	130	130	0	0%	30	30	\$35,319
51-4052	Pourers and Casters, Metal	280	290	10	4%	60	70	NA
51-4061	Model Makers, Metal and Plastic	160	170	10	6%	50	60	NA
51-4062	Patternmakers, Metal and Plastic	170	150	-20	-12%	50	50	\$50,164
51-4071	Foundry Mold and Coremakers	660	570	-90	-14%	160	160	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,570	1,440	-130	-8%	390	390	\$28,902
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	380	-10	-3%	110	110	\$32,156
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	280	240	-40	-14%	80	80	\$31,197
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	170	150	-20	-12%	50	50	\$31,868
51-4192	Lay-Out Workers, Metal and Plastic	50	40	-10	-20%	10	10	\$30,092
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	380	310	-70	-18%	80	80	\$32,246
51-4194	Tool Grinders, Filers, and Sharpeners	300	240	-60	-20%	100	100	\$36,597
51-4199	Metal Workers and Plastic Workers, All Other	620	540	-80	-13%	150	150	\$44,095
51-5011	Bindery Workers	490	370	-120	-24%	130	130	\$27,558
51-5012	Bookbinders	130	110	-20	-15%	30	30	NA
51-5023	Printing Machine Operators	1,570	1,520	-50	-3%	370	370	\$30,369
51-6011	Laundry and Dry-Cleaning Workers	1,770	1,700	-70	-4%	480	480	\$18,479
51-6031	Sewing Machine Operators	770	730	-40	-5%	100	100	\$23,421
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	70	60	-10	-14%	20	20	NA
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	80	80	0	0%	20	20	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	100	-20	-17%	30	30	\$26,478
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	190	170	-20	-11%	50	50	\$25,864
51-7099	Woodworkers, All Other	30	30	0	0%	10	10	\$28,847
51-9011	Chemical Equipment Operators and Tenders	2,710	3,290	580	21%	870	1,440	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	180	160	-20	-11%	60	60	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	100	90	-10	-10%	30	30	\$33,627
51-9022	Grinding and Polishing Workers, Hand	180	180	0	0%	50	50	\$31,707
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	390	360	-30	-8%	100	100	\$29,855
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	490	510	20	4%	100	120	\$30,820
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	150	150	0	0%	40	40	NA
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	150	120	-30	-20%	40	40	\$34,242
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,950	3,590	-360	-9%	900	900	\$34,684
51-9083	Ophthalmic Laboratory Technicians	160	180	20	13%	30	60	\$22,377
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	800	810	10	1%	210	220	\$27,042
51-9122	Painters, Transportation Equipment	430	430	0	0%	110	110	\$39,474
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	\$24,694
51-9191	Cementing and Gluing Machine Operators and Tenders	210	200	-10	-5%	60	60	\$30,804
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	50	60	10	20%	10	20	NA
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	320	290	-30	-9%	80	80	NA
51-9196	Paper Goods Machine Setters, Operators, and Tenders	530	600	70	13%	110	190	\$30,403
51-9199	Production Workers, All Other	2,610	2,410	-200	-8%	620	620	\$37,413
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	120	130	10	8%	10	20	\$19,428
53-3021	Bus Drivers, Transit and Intercity	410	430	20	5%	90	110	\$25,821
53-3032	Truck Drivers, Heavy and Tractor-Trailer	14,070	16,020	1,950	14%	2,300	4,240	\$38,339
53-7021	Crane and Tower Operators	230	240	10	4%	50	60	\$37,832

53-7032	Excavating and Loading Machine and Dragline Operators	830	970	140	17%	230	360	\$31,592
53-7041	Hoist and Winch Operators	200	210	10	5%	70	70	NA
53-7121	Tank Car, Truck, and Ship Loaders	240	260	20	8%	70	90	\$27,158
<b>Short-term on-the-job training</b>								
25-4031	Library Technicians	750	840	90	12%	280	370	\$19,143
25-9041	Teacher Assistants	6,270	7,490	1,220	19%	1,210	2,430	\$20,625
31-1011	Home Health Aides	1,920	2,500	580	30%	250	830	\$21,440
31-1012	Nursing Aides, Orderlies, and Attendants	7,890	9,180	1,290	16%	1,030	2,330	\$22,041
31-1013	Psychiatric Aides	310	340	30	10%	40	70	\$23,984
31-2022	Physical Therapist Aides	130	170	40	31%	20	70	\$21,228
31-9093	Medical Equipment Preparers	160	180	20	13%	30	50	\$23,602
31-9095	Pharmacy Aides	920	980	60	7%	170	230	\$18,937
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	490	560	70	14%	90	160	\$20,060
31-9099	Healthcare Support Workers, All Other	1,310	1,760	450	34%	240	690	\$24,147
33-3041	Parking Enforcement Workers	40	40	0	0%	10	10	\$25,260
33-9032	Security Guards	7,270	7,720	450	6%	1,580	2,030	\$20,929
33-9099	Protective Service Workers, All Other	1,410	1,550	140	10%	980	1,110	\$27,202
35-2011	Cooks, Fast Food	2,700	2,760	60	2%	840	900	\$14,860
35-2015	Cooks, Short Order	2,120	2,220	100	5%	660	750	\$18,300
35-2021	Food Preparation Workers	6,100	6,950	850	14%	2,160	3,000	\$17,732
35-3011	Bartenders	3,450	3,520	70	2%	1,360	1,440	\$16,001
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,180	20,770	3,590	21%	7,450	11,040	\$15,826
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,150	3,490	340	11%	2,060	2,390	\$14,127
35-3031	Waiters and Waitresses	13,940	16,070	2,130	15%	7,170	9,310	\$14,181
35-3041	Food Servers, Nonrestaurant	1,960	1,990	30	2%	660	690	\$17,195
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,150	2,370	220	10%	720	940	\$14,643
35-9021	Dishwashers	2,380	2,480	100	4%	800	910	\$16,153
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,190	2,490	300	14%	700	1,000	\$16,348
35-9099	Food Preparation and Serving Related Workers, All Other	300	320	20	7%	90	120	\$17,790
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	14,200	15,800	1,600	11%	2,700	4,290	\$19,564
37-2012	Maids and Housekeeping Cleaners	5,090	5,330	240	5%	1,070	1,310	\$17,050
37-3011	Landscaping and Groundskeeping Workers	5,780	6,710	930	16%	1,260	2,190	\$22,538
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	NA
39-2021	Nonfarm Animal Caretakers	780	900	120	15%	190	320	\$20,734
39-3031	Ushers, Lobby Attendants, and Ticket Takers	860	860	0	0%	490	490	\$15,024
39-3091	Amusement and Recreation Attendants	1,100	1,380	280	25%	320	590	\$14,295
39-4021	Funeral Attendants	210	240	30	14%	40	70	NA
39-5093	Shampooers	60	60	0	0%	10	10	NA
39-6011	Baggage Porters and Bellhops	920	830	-90	-10%	240	240	\$31,014
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	40	50	10	25%	10	10	NA
39-9011	Child Care Workers	3,680	3,920	240	7%	1,000	1,240	\$18,639
39-9021	Personal and Home Care Aides	2,560	3,070	510	20%	410	930	\$19,992
41-2011	Cashiers	20,330	20,760	430	2%	9,890	10,320	\$16,651
41-2021	Counter and Rental Clerks	2,860	3,110	250	9%	1,100	1,350	\$20,011
41-2031	Retail Salespersons	25,230	26,170	940	4%	9,170	10,110	\$23,729
41-9041	Telemarketers	2,740	2,390	-350	-13%	450	450	\$23,116
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	460	390	-70	-15%	110	110	NA
43-2011	Switchboard Operators, Including Answering Service	2,070	2,000	-70	-3%	530	530	\$21,480
43-2021	Telephone Operators	120	40	-80	-67%	30	30	NA
43-2099	Communications Equipment Operators, All Other	40	30	-10	-25%	10	10	NA
43-3011	Bill and Account Collectors	2,940	3,480	540	18%	550	1,090	\$30,113
43-3021	Billing and Posting Clerks and Machine Operators	3,720	3,870	150	4%	630	780	\$28,425
43-3041	Gaming Cage Workers	80	90	10	13%	40	50	NA
43-3051	Payroll and Timekeeping Clerks	1,330	1,310	-20	-2%	350	350	\$31,728
43-3061	Procurement Clerks	370	330	-40	-11%	100	100	\$30,733
43-3071	Tellers	2,990	2,990	0	0%	1,470	1,470	\$19,954
43-4021	Correspondence Clerks	370	320	-50	-14%	110	110	NA
43-4031	Court, Municipal, and License Clerks	370	400	30	8%	80	110	\$25,827
43-4041	Credit Authorizers, Checkers, and Clerks	760	710	-50	-7%	150	150	NA
43-4071	File Clerks	1,680	1,480	-200	-12%	500	500	\$21,827
43-4081	Hotel, Motel, and Resort Desk Clerks	850	930	80	9%	380	460	\$17,404
43-4111	Interviewers, Except Eligibility and Loan	1,170	1,450	280	24%	300	580	\$23,386
43-4121	Library Assistants, Clerical	300	360	60	20%	120	180	NA
43-4131	Loan Interviewers and Clerks	1,560	1,370	-190	-12%	210	210	\$33,755
43-4151	Order Clerks	1,770	1,430	-340	-19%	400	400	\$27,662
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,120	1,240	120	11%	240	360	\$32,542

43-4171	Receptionists and Information Clerks	7,450	9,280	1,830	25%	1,830	3,660	\$22,403
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	2,670	2,410	-260	-10%	700	700	\$26,239
43-5021	Couriers and Messengers	510	460	-50	-10%	120	120	\$21,924
43-5051	Postal Service Clerks	460	450	-10	-2%	120	120	\$40,910
43-5052	Postal Service Mail Carriers	2,190	2,120	-70	-3%	690	690	\$43,344
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,850	1,610	-240	-13%	490	490	\$37,571
43-5061	Production, Planning, and Expediting Clerks	2,570	2,590	20	1%	620	650	\$41,532
43-5071	Shipping, Receiving, and Traffic Clerks	5,060	4,940	-120	-2%	1,040	1,040	\$25,572
43-5081	Stock Clerks and Order Fillers	11,730	10,140	-1,590	-14%	4,340	4,340	\$21,729
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	620	740	120	19%	160	280	\$23,502
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,700	1,490	-210	-12%	510	510	\$23,811
43-9061	Office Clerks, General	15,000	15,690	690	5%	3,320	4,010	\$23,490
43-9071	Office Machine Operators, Except Computer	1,160	1,050	-110	-9%	290	290	\$25,859
43-9081	Proofreaders and Copy Markers	160	150	-10	-6%	30	30	\$26,056
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	410	380	-30	-7%	170	170	\$30,036
47-3012	Helpers--Carpenters	610	670	60	10%	250	310	\$26,797
47-3013	Helpers--Electricians	450	470	20	4%	190	200	\$26,926
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	80	90	10	13%	30	40	NA
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	570	540	-30	-5%	240	240	NA
47-3016	Helpers--Roofers	80	80	0	0%	30	40	NA
47-3019	Helpers, Construction Trades, All Other	160	180	20	13%	70	90	\$19,052
47-5081	Helpers--Extraction Workers	20	30	10	50%	10	10	NA
49-3093	Tire Repairers and Changers	890	830	-60	-7%	380	380	\$21,268
49-9096	Riggers	20	10	-10	-50%	0	0	NA
49-9098	Helpers--Installation, Maintenance, and Repair Workers	900	980	80	9%	310	380	\$24,357
51-2021	Coil Winders, Tapers, and Finishers	170	140	-30	-18%	40	40	NA
51-2022	Electrical and Electronic Equipment Assemblers	940	690	-250	-27%	220	220	\$22,996
51-2023	Electromechanical Equipment Assemblers	300	280	-20	-7%	70	70	NA
51-2031	Engine and Other Machine Assemblers	720	600	-120	-17%	200	200	\$41,136
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	70	70	0	0%	20	20	\$23,242
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	80	80	0	0%	20	30	NA
51-3092	Food Batchmakers	420	450	30	7%	100	140	\$25,096
51-3093	Food Cooking Machine Operators and Tenders	110	120	10	9%	20	40	\$19,720
51-6021	Pressers, Textile, Garment, and Related Materials	490	430	-60	-12%	80	80	\$20,453
51-6051	Sewers, Hand	130	120	-10	-8%	20	20	NA
51-9031	Cutters and Trimmers, Hand	80	80	0	0%	20	20	\$21,282
51-9111	Packaging and Filling Machine Operators and Tenders	2,460	3,080	620	25%	490	1,110	\$26,183
51-9123	Painting, Coating, and Decorating Workers	330	440	110	33%	90	190	NA
51-9132	Photographic Processing Machine Operators	190	180	-10	-5%	50	50	\$19,205
51-9198	Helpers--Production Workers	2,110	2,080	-30	-1%	590	590	\$21,150
53-2022	Airfield Operations Specialists	160	180	20	13%	40	60	\$58,969
53-3022	Bus Drivers, School	4,380	4,670	290	7%	950	1,240	\$24,703
53-3031	Driver/Sales Workers	3,300	3,280	-20	-1%	540	540	\$24,112
53-3033	Truck Drivers, Light or Delivery Services	5,640	6,090	450	8%	520	970	\$27,277
53-3041	Taxi Drivers and Chauffeurs	1,070	1,260	190	18%	100	290	\$16,969
53-3099	Motor Vehicle Operators, All Other	460	530	70	15%	60	140	\$19,751
53-6021	Parking Lot Attendants	960	1,080	120	13%	280	410	\$15,767
53-6031	Service Station Attendants	1,320	1,210	-110	-8%	590	590	\$18,192
53-6099	Transportation Workers, All Other	550	650	100	18%	160	260	NA
53-7011	Conveyor Operators and Tenders	830	830	0	0%	240	240	NA
53-7033	Loading Machine Operators, Underground Mining	40	40	0	0%	10	10	NA
53-7051	Industrial Truck and Tractor Operators	5,400	5,890	490	9%	1,020	1,520	\$29,025
53-7061	Cleaners of Vehicles and Equipment	2,220	2,190	-30	-1%	770	770	\$22,107
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	16,430	16,530	100	1%	5,370	5,470	\$23,368
53-7063	Machine Feeders and Offbearers	1,730	1,560	-170	-10%	470	470	\$23,520
53-7064	Packers and Packagers, Hand	9,540	10,680	1,140	12%	1,790	2,930	\$21,041
53-7081	Refuse and Recyclable Material Collectors	470	510	40	9%	120	160	\$31,725
53-7199	Material Moving Workers, All Other	300	280	-20	-7%	80	80	\$26,591

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.
- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 05**

All data rounded to nearest 10. Occupations with less than 20 excluded

Code	Occupational Title	PERCENTILE															
		Average		Entry		Experienced		10th		25th		50th		75th		90th	
		Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly	Annual								
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>\$17.33</b>	<b>\$36,041</b>	<b>\$8.31</b>	<b>\$17,288</b>	<b>\$21.84</b>	<b>\$45,418</b>	<b>\$7.44</b>	<b>\$15,476</b>	<b>\$9.63</b>	<b>\$20,039</b>	<b>\$13.87</b>	<b>\$20,039</b>	<b>\$21.49</b>	<b>\$44,709</b>	<b>\$30.25</b>	<b>\$62,929</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>\$37.73</b>	<b>\$78,475</b>	<b>\$19.00</b>	<b>\$39,517</b>	<b>\$47.09</b>	<b>\$97,955</b>	<b>\$16.67</b>	<b>\$34,668</b>	<b>\$22.36</b>	<b>\$46,504</b>	<b>\$32.07</b>	<b>\$66,716</b>	<b>\$45.43</b>	<b>\$94,501</b>	<b>\$69.66</b>	<b>\$144,890</b>
11-1000	Top Executives	NA	NA														
11-1011	Chief Executives	\$71.53	\$148,776	\$30.06	\$81,239	\$87.76	\$182,544	\$35.25	\$73,328	\$49.78	\$103,545	\$50.00	\$0	\$0	\$0	\$0	\$0
11-1021	General and Operations Managers	\$42.87	\$89,177	\$20.38	\$42,396	\$54.12	\$112,568	\$17.78	\$36,982	\$24.01	\$49,950	\$35.89	\$74,658	\$54.07	\$112,474	\$0	\$0
11-1022	Legislators	\$9.27	\$19,264	\$2.17	\$12,834	\$12.62	\$22,509	\$3.56	\$12,077	\$6.27	\$13,043	\$7.11	\$14,799	\$10.96	\$22,798	\$12.61	\$28,207
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	NA	NA														
11-2011	Advertising and Promotions Managers	\$27.65	\$57,520	\$15.97	\$33,227	\$33.49	\$69,666	\$14.56	\$30,277	\$18.04	\$37,530	\$24.96	\$51,921	\$34.49	\$71,740	\$46.29	\$96,274
11-2021	Marketing Managers	\$40.72	\$84,688	\$22.00	\$45,756	\$56.79	\$104,154	\$19.14	\$39,815	\$26.23	\$54,568	\$37.22	\$77,409	\$48.46	\$100,791	\$69.19	\$143,917
11-2022	Sales Managers	\$43.50	\$90,489	\$23.62	\$49,121	\$53.45	\$111,173	\$21.55	\$44,823	\$27.29	\$56,755	\$40.61	\$84,469	\$53.92	\$112,151	\$0	\$0
11-2031	Public Relations Managers	\$32.76	\$68,132	\$19.10	\$39,729	\$39.58	\$82,333	\$17.44	\$36,269	\$21.47	\$44,648	\$28.48	\$59,231	\$38.59	\$80,270	\$52.30	\$110,036
11-3000	Operations Specialties Managers	NA	NA														
11-3011	Administrative Services Managers	\$29.74	\$61,864	\$17.22	\$35,820	\$34.58	\$74,885	\$15.36	\$31,945	\$20.00	\$34,685	\$28.12	\$58,488	\$35.59	\$74,026	\$44.74	\$93,069
11-3021	Computer and Information Systems Managers	\$38.48	\$80,046	\$24.38	\$50,701	\$45.54	\$94,719	\$21.82	\$45,385	\$28.79	\$59,881	\$36.95	\$78,653	\$46.35	\$96,399	\$56.40	\$117,307
11-3031	Financial Managers	\$39.92	\$83,043	\$24.43	\$50,804	\$47.67	\$99,162	\$21.94	\$45,639	\$28.06	\$58,363	\$36.63	\$76,181	\$46.56	\$96,841	\$61.84	\$128,620
11-3040	Human Resources Managers	NA	NA														
11-3051	Industrial Production Managers	\$33.87	\$70,024	\$21.46	\$44,626	\$39.77	\$82,722	\$16.65	\$40,865	\$24.34	\$50,622	\$31.83	\$66,205	\$41.50	\$86,315	\$50.61	\$105,276
11-3061	Purchasing Managers	\$33.22	\$69,094	\$21.65	\$45,037	\$39.00	\$81,122	\$19.56	\$40,682	\$24.64	\$51,249	\$31.19	\$64,867	\$38.54	\$80,166	\$51.81	\$107,772
11-3071	Transportation, Storage, and Distribution Managers	\$33.56	\$69,812	\$19.74	\$41,069	\$40.47	\$84,184	\$17.74	\$36,907	\$23.19	\$48,244	\$31.88	\$66,301	\$42.08	\$87,524	\$54.89	\$114,164
11-9000	Other Management Occupations	NA	NA														
11-9011	Farm, Ranch, and Other Agricultural Managers	NA	NA														
11-9021	Construction Managers	\$34.33	\$71,407	\$21.83	\$45,406	\$40.58	\$84,408	\$19.69	\$40,949	\$24.63	\$51,232	\$30.21	\$62,844	\$39.59	\$82,350	\$52.85	\$109,920
11-9031	Education Administrators, Preschool and Child Care Center/Program	NA	NA														
11-9032	Education Administrators, Elementary and Secondary School	NA	\$74,336	NA	\$59,864	NA	\$81,572	NA	\$57,428	NA	\$65,200	NA	\$75,561	NA	\$85,839	NA	\$92,593
11-9033	Education Administrators, Postsecondary	\$28.23	\$58,720	\$16.85	\$35,040	\$33.92	\$70,560	\$15.46	\$32,161	\$18.66	\$38,822	\$25.27	\$56,238	\$33.45	\$69,569	\$46.64	\$97,014
11-9039	Education Administrators, All Other	\$27.94	\$58,113	\$18.03	\$37,502	\$36.89	\$68,419	\$16.13	\$33,549	\$21.57	\$36,634	\$27.11	\$56,394	\$32.30	\$67,189	\$38.83	\$80,756
11-9041	Engineering Managers	\$85.12	\$226.93	\$60.164	\$160.24	\$46.92	\$97,586	\$27.94	\$58.115	\$32.71	\$68,045	\$39.69	\$82,552	\$47.44	\$98,673	\$57.12	\$118,812
11-9051	Food Service Managers	\$30.86	\$63,249	\$15.19	\$31,594	\$29.81	\$62,015	\$14.01	\$29,141	\$16.70	\$34,729	\$20.68	\$42,132	\$25.84	\$53,741	\$40.05	\$85,305
11-9061	Funeral Directors	\$30.19	\$62,787	\$15.20	\$31,621	\$37.68	\$78,370	\$14.51	\$30,176	\$17.20	\$35,778	\$26.07	\$79,183	\$43.02	\$89,481	\$45.99	\$96,680
11-9081	Lodging Managers	\$22.05	\$45,859	\$12.97	\$22,227	\$26.05	\$54,175	\$11.42	\$23,746	\$16.57	\$34,471	\$22.97	\$47,800	\$26.51	\$55,132	\$31.23	\$64,961
11-9111	Medical and Health Services Managers	\$34.66	\$72,089	\$22.66	\$47,143	\$40.65	\$84,562	\$20.54	\$42,716	\$25.68	\$53,424	\$31.09	\$66,667	\$38.34	\$79,751	\$50.22	\$104,247
11-9121	Natural Sciences Managers	\$28.47	\$59,209	\$19.97	\$39,449	\$33.22	\$69,089	\$18.24	\$37,947	\$20.07	\$41,740	\$23.05	\$49,393	\$29.43	\$61,212	\$44.67	\$92,916
11-9131	Postmasters and Mail Superintendents	\$27.02	\$56,196	\$21.87	\$45,491	\$29.59	\$61,548	\$19.97	\$41,538	\$22.94	\$47,710	\$26.59	\$55,300	\$31.17	\$64,823	\$34.04	\$70,795
11-9141	Property, Real Estate, and Community Association Managers	\$51.874	\$107,824	\$24.94	\$49,159	\$29.81	\$62,015	\$14.01	\$29,141	\$16.70	\$34,729	\$20.68	\$42,132	\$25.84	\$53,741	\$40.05	\$85,305
11-9151	Social and Community Service Managers	\$21.62	\$44,966	\$15.67	\$32,598	\$24.59	\$51,149	\$14.95	\$31,100	\$16.92	\$35,200	\$20.69	\$43,046	\$25.46	\$52,954	\$30.85	\$63,537
11-9199	Managers, All Other	\$30.35	\$63,135	\$16.91	\$35,711	\$37.08	\$77,116	\$15.50	\$32,241	\$19.02	\$39,567	\$25.63	\$53,307	\$37.04	\$77,400	\$51.32	\$106,737
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>\$24.69</b>	<b>\$51,361</b>	<b>\$14.20</b>	<b>\$29,543</b>	<b>\$29.94</b>	<b>\$62,237</b>	<b>\$13.11</b>	<b>\$27,262</b>	<b>\$16.46</b>	<b>\$34,237</b>	<b>\$22.62</b>	<b>\$46,214</b>	<b>\$29.68</b>	<b>\$61,730</b>	<b>\$42.72</b>	<b>\$86,621</b>
13-1000	Business Operations Specialists	NA	NA														
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	NA	NA														
13-1021	Purchasing Agents and Buyers, Farm Products	\$26.89	\$55,941	\$16.36	\$31,943	\$32.66	\$67,940	\$14.30	\$29,927	\$18.56	\$38,611	\$23.54	\$48,965	\$33.69	\$70,074	\$47.85	\$99,521
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$21.91	\$45,578	\$11.60	\$24,119	\$27.07	\$56,307	\$9.27	\$19,291	\$14.80	\$30,789	\$20.06	\$41,732	\$26.44	\$55,802	\$35.21	\$73,227
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$22.04	\$45,848	\$13.97	\$29,050	\$26.08	\$54,247	\$12.59	\$26,194	\$15.88	\$33,020	\$20.37	\$42,365	\$26.86	\$56,860	\$34.62	\$72,008
13-1031	Claims Adjusters, Examiners, and Investigators	\$20.14	\$43,969	\$15.51	\$32,255	\$23.95	\$49,826	\$14.53	\$30,227	\$16.87	\$35,096	\$20.40	\$42,434	\$24.70	\$51,508	\$28.47	\$59,208
13-1032	Insurance Appraisers, Auto Damage	\$21.12	\$41,857	\$14.59	\$30,351	\$22.89	\$47,611	\$12.96	\$26,956	\$16.53	\$34,374	\$19.87	\$41,324	\$23.79	\$49,490	\$27.52	\$57,250
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and	\$20.36	\$42,348	\$13.92	\$27,132	\$24.02	\$49,911	\$11.72	\$24,378	\$14.71	\$30,989	\$19.00	\$37,667	\$24.79	\$51,560	\$24.62	\$58,150
13-1051	Cost Estimators	\$24.37	\$50,683	\$15.95	\$33,180	\$28.57	\$59,435	\$14.81	\$30,810	\$17.60	\$36,609	\$23.58	\$49,052	\$27.59	\$57,382	\$34.11	\$70,947
13-1061	Emergency Management Specialists	NA	NA														
13-1071	Employment, Recruitment, and Placement Specialists	\$24.74	\$51,467	\$14.15	\$29,430	\$30.04	\$62,485	\$13.76	\$28,614	\$15.72	\$32,689	\$20.24	\$42,094	\$28.99	\$60,299	\$43.07	\$89,580
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$23.74	\$49,389	\$14.92	\$31,036	\$28.16	\$58,565	\$13.51	\$28,110	\$17.02	\$35,400	\$23.73	\$49,383	\$28.59	\$59,477	\$35.93	\$74,740
13-1073	Training and Development Specialists	\$21.81	\$44,964	\$13.09	\$27,236	\$25.87	\$53,814	\$11.69	\$24,306	\$15.05	\$31,301	\$19.74	\$41,053	\$25.67	\$53,396	\$24.74	\$60,093
13-1111	Management Analysts	\$32.33	\$67,240	\$17.03	\$34,932	\$22.53	\$46,246	\$13.83	\$29,141	\$16.70	\$34,729	\$20.68	\$42,132	\$25.84	\$53,741	\$40.05	\$85,305
13-1121	Meeting and Convention Planners	\$21.27	\$44,233	\$11.57	\$31,564	\$24.31	\$50,667	\$14.59	\$30,346	\$16.92	\$35,200	\$20.69	\$43,046	\$25.46	\$52,954	\$30.85	\$63,537
13-1199	Business Operations Specialists, All Other	\$24.94	\$51,882	\$13.34	\$27,756	\$30.74	\$63,945	\$10.99	\$22,862	\$16.49	\$34,302	\$24.31	\$50,563	\$32.06	\$66,683	\$39.70	\$82,572
13-2000	Financial Specialists	NA	NA														
13-2011	Accountants and Auditors	\$26.96	\$56,085	\$16.23	\$33,752	\$32.33	\$67,251	\$14.88	\$30,533	\$18.18	\$37,807	\$23.61	\$49,112	\$32.10	\$66,756	\$42.57	\$88,590
13-2021	Appraisers, Real Estate	\$15.46	\$32,159	\$7.93	\$16,501	\$19.22	\$39,989	\$6.37	\$13,245	\$9.77	\$20,321	\$13.76	\$26,825	\$18.50	\$37,335	\$27.41	\$57,014
13-2031	Budget Analysts	\$26.21	\$54,513	\$16.38	\$38,189	\$30.13	\$62,674	\$17.24	\$35,968	\$20.25	\$42,120	\$24.87	\$51,324	\$31.02	\$64,513	\$46.81	\$76,572
13-2041	Credit Analysts	\$18.28	\$38,015	\$13.36	\$27,798	\$20.73	\$43,128	\$12.67	\$26,362	\$13.91	\$28,942	\$15.89	\$				

<b>19-0000 Life, Physical, and Social Science Occupations</b>	<b>\$27.66</b>	<b>\$57.540</b>	<b>\$14.49</b>	<b>\$30.140</b>	<b>\$34.25</b>	<b>\$71.240</b>	<b>\$13.54</b>	<b>\$28.159</b>	<b>\$16.59</b>	<b>\$34.513</b>	<b>\$22.74</b>	<b>\$47.295</b>	<b>\$34.29</b>	<b>\$71.318</b>	<b>\$51.30</b>	<b>\$106.714</b>
19-1000 Life Scientists	NA	NA														
19-1010 Agricultural and Food Scientists	NA	NA														
19-1021 Biochemists and Biophysicists	\$43.92	\$91.352	\$26.99	\$56.132	\$52.39	\$108.963	\$22.48	\$46.757	\$32.68	\$67.968	\$45.12	\$93.845	\$53.65	\$111.599	\$64.10	\$133.334
19-1022 Microbiologists	NA	NA														
19-1031 Conservation Scientists	\$29.06	\$60.442	\$20.62	\$42.882	\$33.28	\$69.222	\$18.46	\$38.398	\$24.81	\$51.609	\$30.46	\$63.366	\$34.33	\$71.410	\$39.73	\$82.638
19-1032 Foresters	\$16.95	\$35.263	\$13.67	\$28.851	\$18.49	\$38.469	\$13.73	\$28.561	\$14.80	\$30.781	\$16.45	\$32.423	\$18.99	\$39.494	\$21.40	\$44.520
19-1042 Medical Scientists, Except Epidemiologists	\$34.09	\$70.904	\$18.38	\$38.228	\$41.94	\$87.242	\$16.54	\$32.320	\$21.96	\$45.687	\$29.88	\$62.153	\$43.33	\$90.133	\$58.13	\$120.916
19-1099 Life Scientists, All Other	NA	NA														
19-2000 Physical Scientists	NA	NA														
19-2012 Physicists	\$44.95	\$93.499	\$38.16	\$79.364	\$48.35	\$100.566	\$36.38	\$75.678	\$39.59	\$82.344	\$44.68	\$92.941	\$51.32	\$106.737	\$56.22	\$116.942
19-2021 Atmospheric and Space Scientists	NA	NA														
19-2031 Chemists	\$42.11	\$87.588	\$23.64	\$49.170	\$51.34	\$106.796	\$19.58	\$40.736	\$28.91	\$60.139	\$46.07	\$95.826	\$53.23	\$110.711	\$61.18	\$127.258
19-2032 Materials Scientists	\$20.54	\$42.717	\$12.74	\$26.506	\$24.43	\$50.623	\$12.13	\$25.234	\$13.21	\$27.475	\$16.26	\$33.815	\$26.87	\$60.001	\$33.87	\$70.447
19-2041 Environmental Scientists and Specialists, Including Health	\$27.76	\$57.744	\$14.94	\$31.075	\$34.18	\$71.084	\$14.46	\$30.071	\$16.34	\$33.900	\$19.98	\$41.561	\$26.88	\$55.907	\$43.80	\$91.104
19-2042 Geoscientists, Except Hydrologists and Geographers	\$24.23	\$50.400	\$17.34	\$36.062	\$27.68	\$57.570	\$15.82	\$32.905	\$19.42	\$40.391	\$23.91	\$49.742	\$27.24	\$56.653	\$34.35	\$71.450
19-2043 Hydrologists	\$31.26	\$65.013	\$22.84	\$47.525	\$28.63	\$73.758	\$19.77	\$41.123	\$26.83	\$55.811	\$32.10	\$66.781	\$37.66	\$78.341	\$42.04	\$87.440
19-2099 Physical Scientists, All Other	NA	NA														
19-3000 Social Scientists and Related Workers	NA	NA														
19-3011 Economists	\$27.34	\$56.860	\$20.55	\$42.752	\$30.73	\$63.914	\$19.23	\$40.006	\$21.74	\$45.218	\$25.45	\$52.945	\$28.48	\$59.240	\$37.65	\$78.312
19-3021 Market Research Analysts	\$26.44	\$54.995	\$15.61	\$32.465	\$31.86	\$66.260	\$14.27	\$29.687	\$18.22	\$37.904	\$24.34	\$50.630	\$31.36	\$65.224	\$42.27	\$87.911
19-3022 Survey Researchers	\$13.13	\$27.309	\$7.74	\$16.105	\$15.82	\$32.911	\$7.31	\$15.204	\$7.83	\$16.293	\$8.71	\$18.109	\$18.17	\$37.803	\$27.31	\$56.797
19-3031 Clinical, Counseling, and School Psychologists	\$30.04	\$62.489	\$15.49	\$32.220	\$32.32	\$77.623	\$13.27	\$27.607	\$17.96	\$35.365	\$27.24	\$56.649	\$33.44	\$69.563	\$44.13	\$91.789
19-3051 Urban and Regional Planners	\$21.06	\$43.801	\$16.16	\$31.533	\$24.01	\$49.935	\$14.65	\$30.468	\$16.28	\$33.860	\$20.00	\$41.605	\$25.30	\$52.625	\$29.96	\$62.318
19-3099 Social Scientists and Related Workers, All Other	\$23.83	\$49.561	\$16.21	\$37.877	\$26.64	\$55.403	\$17.40	\$36.184	\$18.88	\$39.265	\$21.26	\$44.225	\$29.03	\$60.380	\$34.27	\$71.281
19-4000 Life, Physical, and Social Science Technicians	NA	NA														
19-4011 Agricultural and Food Science Technicians	NA	NA														
19-4021 Biological Technicians	NA	NA														
19-4031 Chemical Technicians	\$18.03	\$37.506	\$12.38	\$25.751	\$20.86	\$43.384	\$11.52	\$23.959	\$13.63	\$28.343	\$17.29	\$35.959	\$20.93	\$43.538	\$25.96	\$53.999
19-4041 Geological and Petroleum Technicians	NA	NA														
19-4051 Nuclear Technicians	NA	NA														
19-4091 Environmental Science and Protection Technicians, Including Health	NA	NA														
19-4092 Forensic Science Technicians	\$19.05	\$39.632	\$14.11	\$29.346	\$21.53	\$44.775	\$13.08	\$27.202	\$14.86	\$30.908	\$17.31	\$36.006	\$22.93	\$47.703	\$27.71	\$57.632
19-4099 Life, Physical, and Social Science Technicians, All Other	\$18.06	\$37.557	\$13.31	\$27.681	\$20.43	\$42.698	\$17.35	\$36.084	\$20.65	\$34.952	\$24.78	\$42.952	\$24.78	\$51.535	\$34.78	\$66.535
<b>21-0000 Community and Social Services Occupations</b>	<b>\$17.00</b>	<b>\$35.355</b>	<b>\$11.29</b>	<b>\$23.473</b>	<b>\$19.85</b>	<b>\$41.296</b>	<b>\$10.63</b>	<b>\$22.116</b>	<b>\$12.72</b>	<b>\$26.463</b>	<b>\$15.93</b>	<b>\$33.133</b>	<b>\$20.28</b>	<b>\$42.189</b>	<b>\$25.56</b>	<b>\$53.172</b>
21-1000 Counselors, Social Workers, and Other Community and Social Service Special	NA	NA														
21-1011 Substance Abuse and Behavioral Disorder Counselors	\$16.20	\$33.286	\$11.42	\$23.756	\$18.29	\$38.051	\$11.14	\$23.181	\$13.81	\$28.735	\$15.89	\$32.052	\$17.84	\$37.104	\$23.73	\$49.364
21-1012 Educational, Vocational, and School Counselors	\$21.69	\$45.124	\$14.55	\$30.257	\$25.27	\$52.557	\$14.02	\$29.172	\$16.34	\$33.987	\$20.84	\$43.353	\$26.30	\$54.695	\$31.67	\$65.876
21-1013 Marriage and Family Therapists	NA	NA														
21-1014 Mental Health Counselors	\$20.58	\$42.812	\$14.34	\$29.818	\$23.71	\$49.309	\$13.78	\$28.660	\$14.90	\$30.991	\$16.78	\$34.908	\$22.60	\$47.005	\$38.40	\$79.871
21-1015 Rehabilitation Counselors	\$13.28	\$27.530	\$9.54	\$19.851	\$15.15	\$31.520	\$9.16	\$19.049	\$10.43	\$21.690	\$12.64	\$26.079	\$15.21	\$31.638	\$19.23	\$39.894
21-1021 Child, Family, and Social Workers	\$15.71	\$32.660	\$11.92	\$23.969	\$17.60	\$37.019	\$11.23	\$23.657	\$12.62	\$26.412	\$15.07	\$31.360	\$17.28	\$35.949	\$21.65	\$45.034
21-1022 Medical and Public Health Social Workers	\$18.45	\$38.375	\$13.03	\$27.098	\$21.16	\$44.014	\$11.86	\$24.670	\$14.37	\$29.899	\$18.09	\$37.619	\$21.24	\$44.180	\$25.25	\$52.519
21-1023 Mental Health and Substance Abuse Social Workers	\$17.21	\$35.873	\$10.06	\$27.168	\$19.20	\$40.096	\$11.74	\$24.409	\$12.47	\$29.898	\$16.82	\$34.981	\$20.41	\$42.450	\$23.79	\$49.478
21-1091 Health Educators	\$17.42	\$36.227	\$10.05	\$20.903	\$21.10	\$43.889	\$9.44	\$19.628	\$10.61	\$22.069	\$18.28	\$38.027	\$21.93	\$45.611	\$25.96	\$54.003
21-1092 Probation Officers and Correctional Treatment Specialists	\$13.81	\$28.725	\$11.79	\$24.521	\$14.82	\$30.827	\$11.17	\$23.243	\$11.85	\$24.640	\$12.97	\$28.987	\$15.06	\$31.326	\$18.52	\$38.525
21-1093 Social and Human Service Assistants	\$15.20	\$31.623	\$10.68	\$22.207	\$17.47	\$36.330	\$9.70	\$20.176	\$11.85	\$24.650	\$14.63	\$30.435	\$17.86	\$36.736	\$21.68	\$45.104
21-2000 Religious Workers	NA	NA														
21-2011 Clergy	\$16.94	\$35.232	\$11.98	\$24.912	\$19.42	\$40.391	\$10.10	\$21.007	\$14.28	\$29.707	\$15.55	\$36.507	\$20.11	\$41.819	\$21.81	\$45.357
21-9000 Miscellaneous Counselors, Social, & Religious Workers	NA	NA														
21-9099 Counselors, Social, and Religious Workers, All Other (OES Only)	NA	NA														
<b>23-0000 Legal Occupations</b>	<b>\$31.68</b>	<b>\$65.894</b>	<b>\$14.90</b>	<b>\$30.996</b>	<b>\$40.07</b>	<b>\$83.343</b>	<b>\$13.35</b>	<b>\$27.775</b>	<b>\$17.66</b>	<b>\$36.733</b>	<b>\$25.27</b>	<b>\$52.571</b>	<b>\$39.04</b>	<b>\$81.202</b>	<b>\$59.94</b>	<b>\$124.677</b>
23-1000 Lawyers, Judges, and Related Workers	NA	NA														
23-1011 Lawyers	\$42.28	\$87.948	\$20.97	\$43.622	\$52.94	\$110.111	\$18.67	\$38.844	\$25.24	\$52.506	\$35.93	\$74.735	\$53.27	\$110.804	\$0.00	\$0
23-1021 Administrative Law Judges, Adjudicators, and Hearing Officers	NA	NA														
23-1022 Arbitrators, Mediators, and Conciliators	\$21.35	\$44.409	\$16.84	\$35.022	\$23.61	\$49.102	\$15.41	\$32.047	\$17.87	\$37.178	\$21.02	\$41.178	\$24.55	\$51.066	\$26.78	\$55.712
23-1023 Judges, Magistrate Judges, and Magistrates	\$31.73	\$65.999	\$17.83	\$37.077	\$38.68	\$80.461	\$7.05	\$14.657	\$25.84	\$53.737	\$36.76	\$76.460	\$40.65	\$84.549	\$42.98	\$89.403
23-2000 Legal Support Workers	NA	NA														
23-2011 Paralegals and Legal Assistants	\$19.15	\$39.854	\$12.99	\$26.827	\$22.28	\$46.338	\$11.92	\$25.219	\$15.62	\$32.246	\$19.10	\$39.723	\$22.64	\$47.240	\$27.17	\$56.519
23-2091 Court Reporters	\$14.28	\$29.706	\$12.33	\$25.649	\$15.26	\$31.735	\$11.63	\$24.193	\$12.43	\$25.845	\$13.75	\$28.592	\$16.08	\$33.452	\$18.10	\$37.641
23-2092 Law Clerks	\$18.92	\$39.361	\$10.66	\$22.170	\$23.06	\$47.957	\$10.35	\$21.528	\$12.68	\$26.379	\$17.81	\$37.046	\$25.45	\$52.940	\$31.34	\$65.197
23-2093 Title Examiners, Abstractors, and Searchers	\$20.23	\$42.074	\$11.34	\$23.593	\$24.67	\$51.315	\$10.28	\$21.382	\$12.79	\$26.598	\$16.71	\$34.747	\$30.61	\$63.673	\$34.26	\$71.256
23-9000 Miscellaneous Legal & Related Workers	NA	NA														
23-9099 Legal and Related Workers, All Other (OES Only)	NA	NA														
<b>25-0000 Education, Training, and Library Occupations</b>	<b>\$16.52</b>	<b>\$34.366</b>	<b>\$8.64</b>	<b>\$17.976</b>	<b>\$20.46</b>	<b>\$42.561</b>	<b>\$7.87</b>	<b>\$16.373</b>	<b>\$9.76</b>	<b>\$20.394</b>	<b>\$14.63</b>	<b>\$30.433</b>	<b>\$22.33</b>	<b>\$46.440</b>	<b>\$27.67</b>	<b>\$57.548</b>
25-1000 Postsecondary Teachers	NA	NA														
25-1011 Business Teachers, Postsecondary	NA	\$														



35-3031	Waiters and Waitresses	\$6.82	\$14,181	\$5.92	\$12,310	\$7.27	\$15,117	\$5.50	\$11,443	\$5.84	\$12,151	\$6.41	\$13,331	\$7.35	\$15,286	\$9.09	\$18,900
35-3041	Food Servers, Nonrestaurant	\$8.27	\$17,195	\$6.26	\$13,020	\$9.27	\$19,282	\$5.96	\$12,393	\$6.79	\$14,118	\$7.99	\$16,627	\$9.60	\$19,971	\$11.13	\$23,152
35-9000	Other Food Preparation and Serving Related Workers	NA	NA														
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$7.04	\$14,643	\$5.88	\$12,225	\$7.42	\$15,851	\$5.53	\$11,498	\$5.96	\$12,405	\$6.69	\$13,918	\$8.02	\$16,683	\$9.32	\$19,387
35-9021	Dishwashers	\$7.77	\$16,153	\$6.45	\$13,419	\$8.62	\$17,520	\$5.98	\$12,441	\$6.94	\$14,440	\$7.76	\$16,140	\$8.58	\$17,849	\$9.99	\$20,781
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$7.86	\$16,348	\$6.09	\$12,658	\$8.75	\$18,193	\$5.82	\$12,099	\$6.58	\$13,681	\$7.66	\$15,941	\$9.06	\$18,853	\$10.55	\$21,943
35-9099	Food Preparation and Serving Related Workers, All Other	\$8.55	\$17,790	\$6.52	\$13,571	\$9.57	\$19,900	\$6.07	\$12,634	\$7.02	\$14,597	\$8.00	\$17,260	\$10.04	\$20,888	\$11.35	\$23,599
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$10.24	\$21,287	\$7.05	\$14,659	\$11.83	\$24,615	\$6.61	\$13,749	\$7.61	\$15,629	\$9.21	\$19,148	\$12.08	\$25,119	\$15.64	\$33,222
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	NA	NA														
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$14.30	\$29,747	\$9.84	\$20,459	\$16.53	\$34,391	\$9.11	\$18,940	\$10.88	\$22,627	\$14.01	\$29,139	\$16.62	\$34,573	\$19.96	\$41,525
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds	\$17.97	\$37,371	\$12.53	\$26,053	\$20.69	\$43,030	\$11.93	\$24,807	\$13.57	\$28,219	\$16.25	\$33,799	\$21.49	\$44,690	\$27.09	\$56,350
37-2000	Building Cleaning and Pest Control Workers	NA	NA														
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$9.41	\$19,564	\$6.87	\$14,295	\$10.67	\$22,198	\$6.36	\$13,219	\$7.35	\$15,294	\$8.64	\$17,969	\$10.85	\$22,565	\$13.41	\$27,901
37-2012	Maids and Housekeeping Cleaners	\$8.20	\$17,050	\$6.73	\$13,996	\$9.93	\$18,577	\$6.19	\$12,828	\$7.16	\$14,697	\$7.99	\$16,628	\$9.10	\$18,921	\$10.28	\$22,137
37-2021	Pest Control Workers	\$12.67	\$26,347	\$9.67	\$20,198	\$14.17	\$29,466	\$9.22	\$19,170	\$10.10	\$21,012	\$11.96	\$24,988	\$14.68	\$30,543	\$17.03	\$35,414
37-3000	Grounds Maintenance Workers	NA	NA														
37-3011	Landscaping and Groundskeeping Workers	\$10.84	\$22,538	\$7.51	\$15,616	\$12.50	\$26,060	\$7.05	\$14,670	\$8.30	\$17,273	\$10.27	\$21,370	\$13.07	\$27,187	\$15.86	\$32,997
37-3012	Plant Nurseries, Sprayers, and Applicators, Vegetation	\$16.38	\$34,069	\$11.81	\$24,568	\$18.66	\$38,820	\$11.39	\$23,693	\$12.78	\$26,591	\$17.84	\$37,101	\$19.95	\$41,495	\$21.22	\$44,133
37-3013	Tree Trimmers and Pruners	NA	NA														
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES Oth	NA	NA														
39-0000	Personal Care and Service Occupations	\$10.27	\$21,353	\$6.75	\$14,038	\$12.02	\$25,011	\$6.22	\$12,928	\$7.37	\$15,324	\$9.28	\$19,301	\$11.92	\$24,788	\$16.30	\$33,900
39-1000	Supervisors, Personal Care and Service Workers	NA	NA														
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$15.74	\$32,729	\$11.12	\$23,127	\$18.04	\$37,530	\$10.61	\$22,059	\$12.16	\$25,296	\$14.51	\$30,176	\$18.30	\$38,062	\$24.51	\$50,975
39-2000	Animal Care and Service Workers	NA	NA														
39-2011	Animal Trainers	NA	NA														
39-2021	Nonfarm Animal Caretakers	\$9.97	\$20,734	\$7.32	\$15,225	\$11.29	\$23,488	\$7.01	\$14,577	\$7.66	\$15,942	\$9.05	\$18,909	\$12.49	\$25,987	\$14.23	\$29,590
39-3000	Entertainment Attendants and Related Workers	NA	NA														
39-3021	Motion Picture Projectionists	\$8.14	\$16,926	\$6.40	\$13,321	\$9.00	\$18,728	\$6.04	\$12,554	\$6.83	\$14,198	\$7.57	\$15,756	\$8.40	\$17,467	\$11.11	\$23,111
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$7.22	\$15,024	\$6.09	\$12,664	\$7.79	\$16,203	\$5.82	\$12,108	\$6.50	\$13,528	\$7.29	\$15,170	\$8.06	\$16,761	\$8.52	\$17,716
39-3091	Amusement and Recreation Attendants	\$6.87	\$14,295	\$5.93	\$12,343	\$7.34	\$15,271	\$5.54	\$11,521	\$5.93	\$12,345	\$6.89	\$13,717	\$7.70	\$16,016	\$8.76	\$18,222
39-3092	Costume Attendants	\$16.71	\$34,761	\$9.58	\$19,924	\$20.28	\$42,179	\$9.06	\$18,853	\$10.36	\$21,543	\$13.59	\$28,299	\$24.55	\$51,071	\$27.02	\$56,401
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	\$8.45	\$17,578	\$6.55	\$13,623	\$9.40	\$19,555	\$6.09	\$12,675	\$7.04	\$14,646	\$8.24	\$17,134	\$9.83	\$20,446	\$11.35	\$23,602
39-3199	Gaming Workers, All Other (OES Only)	NA	NA														
39-4000	Funeral Service Workers	NA	NA														
39-4011	Embalmers	NA	NA														
39-4021	Funeral Attendants	NA	NA														
39-5000	Personal Appearance Workers	NA	NA														
39-5011	Barbers	\$11.05	\$22,978	\$6.16	\$12,823	\$13.49	\$28,056	\$5.92	\$12,321	\$6.69	\$13,025	\$11.84	\$24,619	\$15.05	\$31,297	\$16.73	\$34,805
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$11.00	\$22,875	\$7.29	\$15,157	\$13.25	\$26,734	\$6.58	\$13,690	\$8.26	\$17,176	\$9.76	\$20,299	\$11.67	\$24,275	\$18.23	\$37,929
39-5092	Manicurists and Pedicurists	\$8.80	\$18,314	\$6.91	\$12,288	\$10.25	\$21,327	\$5.52	\$11,488	\$5.92	\$12,317	\$6.59	\$13,698	\$10.06	\$20,931	\$18.62	\$38,738
39-5093	Shampooers	NA	NA														
39-5094	Skin Care Specialists	\$12.70	\$26,144	\$7.44	\$15,482	\$15.43	\$31,981	\$6.20	\$12,696	\$9.14	\$19,014	\$11.86	\$24,459	\$14.26	\$29,655	\$22.49	\$46,789
39-6000	Transportation, Tourism, and Lodging Attendants	NA	NA														
39-6011	Baggage Porters and Bellhops	\$14.91	\$31,014	\$8.84	\$14,220	\$18.95	\$39,411	\$6.07	\$12,615	\$7.78	\$16,176	\$18.34	\$38,163	\$20.31	\$42,251	\$21.50	\$44,710
39-6012	Concierges	\$9.33	\$19,412	\$7.06	\$14,679	\$10.47	\$21,778	\$6.69	\$13,907	\$7.52	\$15,633	\$8.71	\$18,114	\$10.77	\$22,400	\$13.07	\$27,188
39-6021	Tour Guides and Escorts	NA	NA														
39-6022	Travel Guides	NA	NA														
39-6031	Flight Attendants	NA	NA														
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	NA	NA														
39-9000	Other Personal Care and Service Workers	NA	NA														
39-9011	Child Care Workers	\$8.96	\$18,639	\$6.85	\$14,248	\$10.02	\$20,835	\$6.30	\$13,102	\$7.50	\$15,596	\$9.12	\$18,978	\$10.41	\$21,648	\$11.31	\$23,531
39-9021	Personal and Home Care Aides	\$9.61	\$19,992	\$7.33	\$15,241	\$10.75	\$22,368	\$7.06	\$14,692	\$7.95	\$16,533	\$9.43	\$19,612	\$10.88	\$22,207	\$13.23	\$27,916
39-9031	Fitness Trainers and Aerobics Instructors	\$13.79	\$28,693	\$7.02	\$15,000	\$17.02	\$35,403	\$5.02	\$12,000	\$6.00	\$13,000	\$7.00	\$14,000	\$8.00	\$15,000	\$9.00	\$16,000
39-9032	Recreation Workers	\$10.98	\$22,833	\$7.18	\$14,941	\$12.87	\$26,779	\$6.75	\$14,030	\$7.88	\$16,934	\$10.07	\$20,965	\$13.79	\$28,688	\$16.66	\$34,567
39-9041	Residential Advisors	\$10.84	\$22,549	\$8.36	\$17,388	\$12.08	\$25,130	\$6.92	\$14,393	\$9.47	\$19,699	\$11.17	\$23,236	\$12.62	\$26,245	\$13.49	\$28,066
39-9099	Personal Care and Service Workers, All Other	NA	NA														
41-0000	Sales and Related Occupations	\$16.07	\$33,431	\$7.21	\$14,997	\$20.50	\$42,648	\$6.90	\$14,344	\$7.97	\$16,587	\$10.88	\$22,641	\$20.24	\$42,089	\$32.11	\$66,785
41-1000	Supervisors, Sales Workers	NA	NA														
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$18.58	\$38,639	\$11.98	\$22,794	\$22.39	\$46,669	\$11.29	\$20,983	\$12.35	\$25,686	\$15.86	\$32,983	\$20.78	\$43,214	\$29.87	\$62,130
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$31.26	\$65,026	\$16.86	\$35,060	\$38.47	\$80,009	\$15.38	\$31,988	\$20.48	\$42,607	\$28.10	\$58,441	\$39.14	\$81,414	\$53.46	\$111,205
41-2000	Retail Sales Workers	NA	NA														
41-2011	Cashiers	\$8.01	\$16,651	\$6.51	\$13,540	\$8.75	\$18,206	\$6.05	\$12,583	\$6.99	\$14,544	\$7.84	\$16,300	\$8.71	\$18,116	\$10.49	\$21,825
41-2021	Counter and Rental Clerks	\$9.62	\$20,011	\$6.41	\$13,323	\$11.23	\$23,354	\$5.98	\$12,449	\$6.97	\$14,501	\$8.71	\$18,126	\$10.89	\$22,653	\$13.82	\$28,738
41-2022	Parts Salespersons	\$13.65	\$28,394	\$9.56	\$19,888	\$15.69	\$32,632	\$8.44	\$17,552	\$11.15	\$23,196	\$13.04	\$27,121	\$16.31	\$33,930	\$19.94	\$41,667
41-3000	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific	\$11.41	\$23,729	\$7.18	\$14,960	\$13.49	\$28,029	\$6.93	\$12,412	\$7.17	\$15,203	\$9.12	\$19,500	\$11.41	\$23,729	\$14.96	\$31,905
41-3001	Sales Representatives, Services	NA	NA														
41-3011	Advertising Sales Agents	\$24.05	\$50,030	\$12.80	\$26,615	\$29.68	\$61,737	\$11.09	\$23,062	\$15.09	\$31,378	\$20.84	\$43,347	\$31.13	\$64,749	\$40.03	\$83,267
41-3021	Insurance Sales Agents	\$26.32	\$54,745	\$11.43	\$23,778	\$33.76	\$70,229	\$6.83	\$14,215	\$15.80	\$32,870	\$21.40	\$44,514	\$36.06	\$74,996	\$44.46	\$92,485
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$33.45	\$69,567	\$16.49	\$34,296	\$41.92	\$87,202	\$14.31	\$29,758	\$19.56	\$40,695	\$25.63	\$53,306	\$39.29	\$81,716	\$88.15	\$141,742
41-3041	Travel Agents	NA	NA														
41-4000	Sales Representatives, Wholesale and Manufacturing	NA	NA														
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	\$34.09	\$70,910	\$20.08	\$41,773	\$41.10	\$85,479	\$18.13	\$37,712	\$23.27	\$48,408	\$30.68	\$68,816	\$41.91	\$87,175	\$53.88	\$112,063
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and S	\$25.43	\$52,897	\$14.79	\$30,755	\$30.75	\$63,968	\$13.40	\$27,867	\$17.04	\$35,435	\$23.12	\$46,079	\$28.91	\$60,139	\$40.49	\$84,229
41-9000	Other Sales and Related Workers	NA	NA														
41-9011	Demonstrators and Product Promoters	\$12.3															



49-9099	Installation, Maintenance, and Repair Workers, All Other	\$13.70	\$28,497	\$7.16	\$14,891	\$16.97	\$35,300	\$6.55	\$13,618	\$7.85	\$16,334	\$10.85	\$22,572	\$18.73	\$38,964	\$25.65	\$53,359
51-0000	Production Occupations	\$15.62	\$32,493	\$9.62	\$20,015	\$18.62	\$38,733	\$8.85	\$18,408	\$10.72	\$22,292	\$14.25	\$29,638	\$18.93	\$39,383	\$25.64	\$53,322
51-1000	Supervisors, Production Workers	NA	NA														
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$24.03	\$49,989	\$15.77	\$32,809	\$28.16	\$58,580	\$14.60	\$30,371	\$17.60	\$36,605	\$21.98	\$45,726	\$27.87	\$57,965	\$35.43	\$73,705
51-2000	Assemblers and Fabricators	NA	NA														
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	NA	NA														
51-2021	Coil Winders, Tapers, and Finishers	NA	NA														
51-2022	Electrical and Electronic Equipment Assemblers	\$11.06	\$22,996	\$9.28	\$19,296	\$11.95	\$24,846	\$8.69	\$18,086	\$9.58	\$19,933	\$10.77	\$22,409	\$12.49	\$25,988	\$14.16	\$29,444
51-2023	Electromechanical Equipment Assemblers	NA	NA														
51-2031	Engine and Other Machine Assemblers	\$19.78	\$41,136	\$11.48	\$23,889	\$23.52	\$47,765	\$10.00	\$20,805	\$13.06	\$27,163	\$23.04	\$47,916	\$25.62	\$52,987	\$27.17	\$56,510
51-2041	Structural Metal Fabricators and Fitters	\$14.86	\$30,916	\$9.71	\$20,189	\$17.44	\$36,279	\$8.10	\$18,934	\$10.58	\$21,997	\$14.04	\$29,210	\$18.02	\$37,472	\$23.43	\$48,741
51-2091	Fiberglass Laminators and Fabricators	NA	NA														
51-2092	Plant Assemblers	\$14.70	\$30,569	\$9.29	\$19,319	\$17.40	\$36,194	\$8.84	\$18,385	\$10.12	\$21,052	\$13.22	\$27,490	\$17.21	\$36,804	\$25.36	\$52,755
51-2099	Assemblers and Fabricators, All Other	\$13.78	\$28,658	\$9.28	\$19,309	\$16.02	\$33,332	\$7.87	\$18,247	\$10.12	\$21,055	\$13.22	\$26,759	\$16.29	\$33,892	\$21.79	\$45,331
51-3000	Food Processing Workers	NA	NA														
51-3011	Bakers	\$10.76	\$22,380	\$8.13	\$16,919	\$12.07	\$25,110	\$7.52	\$15,646	\$8.85	\$18,412	\$10.33	\$21,888	\$12.87	\$26,579	\$14.96	\$31,123
51-3021	Butchers and Meat Cutters	\$12.90	\$26,839	\$8.68	\$18,047	\$15.02	\$31,235	\$7.80	\$16,215	\$9.98	\$20,756	\$13.63	\$24,360	\$15.89	\$33,058	\$17.16	\$36,684
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	\$11.17	\$23,242	\$8.92	\$18,562	\$12.30	\$25,582	\$8.36	\$17,382	\$9.62	\$20,006	\$11.01	\$22,894	\$12.84	\$26,712	\$14.34	\$29,821
51-3023	Slaughtering and Meat Packers	NA	NA														
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tends	NA	NA														
51-3092	Food Batchmakers	\$12.07	\$25,096	\$8.41	\$17,483	\$13.90	\$28,902	\$7.79	\$16,193	\$9.09	\$18,917	\$12.13	\$25,237	\$15.07	\$31,353	\$16.51	\$34,346
51-3093	Food Cooking Machine Operators and Tenders	\$9.48	\$19,720	\$6.96	\$14,481	\$11.40	\$22,339	\$6.55	\$13,633	\$7.41	\$15,418	\$8.63	\$17,941	\$11.67	\$24,283	\$13.08	\$27,204
51-3099	Food Processing Workers, All Other (OES Only)	NA	NA														
51-4000	Metal Workers and Plastic Workers	NA	NA														
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$15.54	\$32,418	\$8.61	\$18,328	\$18.90	\$38,212	\$8.10	\$16,847	\$9.59	\$20,113	\$13.81	\$28,940	\$23.14	\$48,140	\$26.30	\$54,702
51-4012	Numerical Tool and Process Control Programmers	\$18.15	\$37,756	\$12.79	\$26,611	\$20.83	\$43,329	\$10.17	\$25,518	\$13.63	\$28,368	\$17.86	\$37,152	\$21.44	\$44,600	\$20.11	\$45,314
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Pl	\$13.73	\$28,566	\$11.36	\$23,639	\$14.92	\$31,029	\$10.66	\$22,172	\$11.89	\$24,731	\$13.56	\$28,921	\$21.49	\$43,709	\$22.48	\$55,069
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	\$13.17	\$27,390	\$8.78	\$20,350	\$14.86	\$30,910	\$9.21	\$19,148	\$8.96	\$17,307	\$11.82	\$24,576	\$16.15	\$33,592	\$19.70	\$40,984
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	\$11.41	\$23,735	\$9.10	\$18,842	\$13.07	\$27,182	\$7.69	\$15,991	\$8.36	\$17,390	\$10.13	\$21,080	\$14.92	\$30,140	\$16.78	\$34,079
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal	\$14.62	\$30,418	\$9.05	\$18,815	\$17.41	\$36,220	\$8.43	\$17,532	\$9.93	\$20,664	\$12.50	\$26,003	\$18.93	\$39,376	\$25.39	\$52,812
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and P	\$19.27	\$40,992	\$11.58	\$24,085	\$23.12	\$48,095	\$11.03	\$22,947	\$12.72	\$26,455	\$20.35	\$42,328	\$25.36	\$54,003	\$27.30	\$58,029
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, anc	\$15.23	\$31,684	\$8.92	\$18,560	\$18.39	\$38,245	\$8.31	\$17,278	\$9.77	\$20,332	\$14.04	\$28,921	\$21.49	\$44,709	\$26.48	\$55,069
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and P	\$19.30	\$40,135	\$13.47	\$28,020	\$22.21	\$46,193	\$12.37	\$25,721	\$14.46	\$30,071	\$17.01	\$35,383	\$25.29	\$52,598	\$28.03	\$58,295
51-4035	Milling and Planing Machine Tool Setters, Operators, and Tenders, Metal and P	\$17.87	\$37,168	\$11.42	\$22,997	\$19.59	\$40,754	\$13.54	\$28,158	\$15.00	\$31,195	\$16.77	\$34,892	\$20.42	\$42,474	\$25.72	\$53,496
51-4041	Machinists	\$17.90	\$37,230	\$13.25	\$27,553	\$20.23	\$42,068	\$12.07	\$25,113	\$14.54	\$30,240	\$17.51	\$36,418	\$21.50	\$44,720	\$24.98	\$51,949
51-4051	Metal-Refining Furnace Operators and Tenders	\$16.98	\$35,319	\$14.81	\$30,798	\$18.07	\$37,580	\$14.01	\$29,144	\$15.10	\$31,399	\$16.44	\$34,204	\$17.99	\$43,424	\$22.57	\$46,949
51-4052	Pourers and Casters, Metal	NA	NA														
51-4061	Model Makers, Metal and Plastic	NA	NA														
51-4062	Patternmakers, Metal and Plastic	\$24.12	\$50,164	\$17.12	\$35,617	\$27.61	\$57,437	\$15.95	\$33,183	\$17.99	\$37,413	\$21.84	\$45,433	\$31.25	\$64,997	\$33.68	\$70,057
51-4071	Foundry Mold and Coremakers	NA	NA														
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, I	\$13.90	\$28,902	\$9.25	\$19,241	\$16.22	\$33,733	\$9.02	\$18,761	\$10.43	\$21,691	\$14.25	\$29,644	\$16.55	\$34,426	\$18.14	\$37,733
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$15.46	\$32,166	\$9.65	\$22,878	\$17.66	\$36,944	\$10.94	\$20,939	\$11.59	\$24,165	\$15.62	\$32,279	\$18.39	\$38,250	\$21.14	\$44,523
51-4111	Tool and Die Makers	\$26.01	\$54,093	\$17.55	\$36,504	\$30.23	\$62,887	\$16.23	\$33,759	\$20.16	\$41,937	\$28.70	\$59,694	\$32.18	\$66,927	\$34.21	\$71,163
51-4121	Welders, Cutters, Solderers, and Brazers	\$16.03	\$33,337	\$11.34	\$23,591	\$16.37	\$38,209	\$10.46	\$21,752	\$12.58	\$26,156	\$15.07	\$31,344	\$17.62	\$36,640	\$23.00	\$47,844
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$15.00	\$31,197	\$12.42	\$25,839	\$16.29	\$33,875	\$11.77	\$24,472	\$13.29	\$27,653	\$14.83	\$30,853	\$21.63	\$33,751	\$17.11	\$35,588
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	\$15.32	\$31,868	\$11.33	\$23,573	\$17.32	\$36,015	\$10.76	\$22,379	\$11.84	\$24,618	\$13.66	\$28,420	\$18.72	\$38,940	\$22.90	\$47,626
51-4192	Lay-Out Workers, Metal and Plastic	\$14.47	\$30,092	\$12.60	\$26,210	\$15.40	\$32,033	\$11.85	\$24,857	\$12.65	\$26,307	\$14.04	\$29,194	\$20.20	\$33,697	\$17.97	\$37,363
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plast	\$15.50	\$32,246	\$12.79	\$25,659	\$17.09	\$35,949	\$10.21	\$21,243	\$14.19	\$29,521	\$15.75	\$32,764	\$17.22	\$40,600	\$20.11	\$42,314
51-4194	Tool Grinders, Filers, and Sharpeners	\$17.59	\$36,597	\$11.94	\$24,836	\$20.42	\$42,478	\$11.30	\$23,498	\$12.85	\$27,929	\$16.60	\$34,533	\$22.66	\$47,110	\$26.14	\$53,371
51-4199	Metal Workers and Plastic Workers, All Other	\$21.20	\$44,095	\$13.52	\$28,131	\$25.04	\$52,077	\$10.56	\$21,955	\$16.02	\$33,311	\$23.87	\$49,657	\$26.04	\$54,153	\$27.33	\$56,851
51-5000	Printing Workers	NA	NA														
51-5011	Bindery Workers	\$13.25	\$27,558	\$8.99	\$18,692	\$15.38	\$31,991	\$8.15	\$16,952	\$10.14	\$21,091	\$12.83	\$26,996	\$15.94	\$33,161	\$19.62	\$41,230
51-5012	Bookbinders	NA	NA														
51-5021	Job Printers	\$15.60	\$32,467	\$11.86	\$24,662	\$17.48	\$36,355	\$11.27	\$23,444	\$12.38	\$25,747	\$13.97	\$29,062	\$18.21	\$37,868	\$23.51	\$48,826
51-5022	Prepress Technicians and Workers	\$15.54	\$32,325	\$11.20	\$23,292	\$17.71	\$36,842	\$10.36	\$21,551	\$11.98	\$24,914	\$14.73	\$30,640	\$18.30	\$37,073	\$22.69	\$47,201
51-5023	Printing Machine Operators	\$14.60	\$30,369	\$10.13	\$21,072	\$16.84	\$35,018	\$9.32	\$19,394	\$11.18	\$23,246	\$14.15	\$33,942	\$17.59	\$36,591	\$20.87	\$43,403
51-5099	Printing Workers, All Other (OES Only)	NA	NA														
51-6000	Textile, Apparel, and Furnishings Workers	NA	NA														
51-6011	Laundry and Dry-Cleaning Workers	\$8.98	\$18,479	\$7.20	\$14,973	\$9.73	\$20,239	\$6.84	\$14,225	\$7.64	\$15,899	\$8.74	\$18,164	\$10.14	\$21,098	\$11.34	\$23,564
51-6021	Pressers, Textile, Garment, and Related Materials	\$9.83	\$20,453	\$8.10	\$16,846	\$10.70	\$22,257	\$7.50	\$15,596	\$8.71	\$18,108	\$9.82	\$20,435	\$11.01	\$22,903	\$12.65	\$26,306
51-6031	Sewing Machine Operators	\$11.26	\$23,421	\$8.87	\$18,448	\$12.46	\$25,907	\$8.14	\$16,938	\$9.34	\$19,419	\$10.69	\$22,330	\$13.26	\$27,576	\$15.82	\$32,998
51-6051	Sewers, Hand	NA	NA														
51-6052	Tailors, Dressmakers, and Custom Sewers	\$10.23	\$21,279	\$6.77	\$14,078	\$11.96	\$24,879	\$6.27	\$13,049	\$7.21	\$14,997	\$8.59	\$17,874	\$13.77	\$28,647	\$16.50	\$34,317
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	NA	NA														
51-6081	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic an	NA	NA														
51-6092	Fabric and Apparel Patternmakers	NA	NA														
51-6093	Upholsterers	\$14.76	\$30,693	\$10.60	\$22,039	\$16.84	\$35,021	\$9.79	\$20,360	\$11.45	\$23,817	\$13.83	\$28,774	\$17.35	\$36,097	\$21.96	\$46,681
51-7000	Woodworkers	NA	NA														
51-7011	Cabinetmakers and Bench Carpenters	\$15.18	\$27,410	\$11.27	\$23,433	\$14.13	\$29,398	\$10.46	\$21,748	\$11.79	\$24,524	\$12.99	\$27,011	\$14.28	\$29,704	\$16.74	\$34,815
51-7021	Furniture Finishers	\$12.64	\$26,290	\$9.37	\$19,483	\$11.28	\$23,995	\$8.99	\$18,621	\$9.89	\$20,629	\$12.89	\$26,911	\$15.89	\$33,626	\$18.14	\$39,626
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$12.73	\$26,478	\$8.77	\$18,238	\$14.71	\$30,598	\$8.14	\$16,921	\$9.50	\$19,765						

53-6000 Other Transportation Workers	NA	NA	NA	NA	NA														
53-6021 Parking Lot Attendants	\$7.58	\$16,767	\$5.91	\$12,294	\$8.42	\$17,503	\$5.52	\$11,476	\$5.92	\$12,304	\$6.88	\$13,685	\$8.54	\$17,764	\$11.74	\$24,421			
53-6031 Service Station Attendants	\$8.75	\$18,192	\$7.28	\$15,145	\$9.48	\$19,716	\$7.00	\$14,564	\$7.80	\$15,799	\$8.59	\$17,868	\$9.98	\$20,761	\$10.86	\$22,583			
53-6051 Transportation Inspectors	\$30.24	\$62,908	\$16.34	\$33,980	\$37.20	\$77,372	\$15.07	\$31,356	\$17.89	\$37,201	\$33.72	\$70,146	\$40.03	\$83,254	\$43.45	\$90,375			
53-6099 Transportation Workers, All Other	NA	NA	NA	NA	NA														
53-7000 Material Moving Workers	NA	NA	NA	NA	NA														
53-7011 Conveyor Operators and Tenders	NA	NA	NA	NA	NA														
53-7021 Crane and Tower Operators	\$18.19	\$37,832	\$12.25	\$25,483	\$21.16	\$44,006	\$10.75	\$22,361	\$13.84	\$28,784	\$16.81	\$34,966	\$23.99	\$49,908	\$26.24	\$54,579			
53-7032 Excavating and Loading Machine and Dragline Operators	\$15.19	\$31,592	\$12.12	\$25,208	\$16.72	\$34,784	\$11.48	\$23,884	\$12.44	\$25,866	\$14.48	\$30,112	\$17.29	\$35,969	\$20.83	\$43,320			
53-7033 Loading Machine Operators, Underground Mining	NA	NA	NA	NA	NA														
53-7041 Hoist and Winch Operators	NA	NA	NA	NA	NA														
53-7051 Industrial Truck and Tractor Operators	\$13.95	\$29,025	\$10.56	\$21,961	\$15.65	\$32,557	\$9.78	\$20,343	\$11.24	\$23,379	\$13.31	\$27,692	\$16.21	\$33,726	\$19.26	\$40,070			
53-7061 Cleaners of Vehicles and Equipment	\$10.63	\$22,107	\$6.32	\$13,154	\$12.78	\$26,583	\$5.88	\$12,239	\$6.89	\$14,326	\$8.73	\$18,153	\$12.26	\$25,502	\$20.92	\$43,519			
53-7062 Laborers and Freight, Stock, and Material Movers, Hand	\$11.23	\$23,368	\$8.03	\$16,710	\$12.84	\$26,698	\$7.28	\$15,151	\$8.93	\$18,566	\$10.38	\$21,591	\$12.75	\$26,510	\$17.05	\$35,465			
53-7063 Machine Feeders and Oilers	\$11.31	\$23,520	\$9.29	\$17,244	\$12.82	\$26,658	\$7.65	\$15,916	\$8.94	\$18,605	\$11.65	\$24,225	\$13.32	\$27,696	\$15.05	\$31,302			
53-7064 Packers and Packagers, Hand	\$10.12	\$21,041	\$7.81	\$16,250	\$11.27	\$23,437	\$7.32	\$15,220	\$8.61	\$17,916	\$9.85	\$20,498	\$11.45	\$23,810	\$13.24	\$27,549			
53-7081 Refuse and Recyclable Material Collectors	\$15.25	\$31,725	\$10.77	\$22,403	\$17.49	\$36,386	\$9.87	\$20,523	\$11.96	\$24,872	\$14.81	\$30,795	\$18.23	\$37,927	\$21.26	\$44,226			
53-7121 Tank Car, Truck, and Ship Loaders	\$13.06	\$27,158	\$9.22	\$19,183	\$14.97	\$31,146	\$8.08	\$16,796	\$10.39	\$21,621	\$12.77	\$26,566	\$14.34	\$29,829	\$19.75	\$41,074			
53-7199 Material Moving Workers, All Other	\$12.78	\$26,591	\$9.42	\$19,593	\$14.47	\$30,090	\$8.87	\$18,457	\$9.49	\$19,740	\$10.51	\$21,855	\$14.96	\$31,117	\$22.26	\$46,294			

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 05**

**Ranked by Total Growth 2002-2012**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	Rank
<b>Total, All Occupations</b>		<b>896,980</b>	<b>964,350</b>	<b>67,370</b>	<b>8%</b>	<b>213,750</b>	<b>296,870</b>	
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,180	20,770	3,590	21%	7,450	11,040	1
29-1111	Registered Nurses	14,900	17,980	3,080	21%	3,120	6,200	2
35-3031	Waiters and Waitresses	13,940	16,070	2,130	15%	7,170	9,310	3
53-3032	Truck Drivers, Heavy and Tractor-Trailer	14,070	16,020	1,950	14%	2,300	4,240	4
43-4171	Receptionists and Information Clerks	7,450	9,280	1,830	25%	1,830	3,660	5
43-4051	Customer Service Representatives	12,840	14,590	1,750	14%	1,910	3,660	6
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	14,200	15,800	1,600	11%	2,700	4,290	7
31-9092	Medical Assistants	2,290	3,630	1,340	59%	420	1,770	8
31-1012	Nursing Aides, Orderlies, and Attendants	7,890	9,180	1,290	16%	1,030	2,330	9
25-9041	Teacher Assistants	6,270	7,490	1,220	19%	1,210	2,430	10
15-1051	Computer Systems Analysts	4,380	5,570	1,190	27%	500	1,680	11
53-7064	Packers and Packagers, Hand	9,540	10,680	1,140	12%	1,790	2,930	12
43-6013	Medical Secretaries	4,740	5,780	1,040	22%	910	1,940	13
25-2021	Elementary School Teachers, Except Special Education	6,860	7,860	1,000	15%	1,510	2,520	14
11-1021	General and Operations Managers	11,760	12,730	970	8%	2,220	3,180	15
41-2031	Retail Salespersons	25,230	26,170	940	4%	9,170	10,110	16
37-3011	Landscaping and Groundskeeping Workers	5,780	6,710	930	16%	1,260	2,190	17
35-2021	Food Preparation Workers	6,100	6,950	850	14%	2,160	3,000	18
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,930	11,770	840	8%	2,870	3,710	19
43-9061	Office Clerks, General	15,000	15,690	690	5%	3,320	4,010	20
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	6,330	7,000	670	11%	1,510	2,170	21
49-9042	Maintenance and Repair Workers, General	8,520	9,180	660	8%	1,640	2,300	22
33-3051	Police and Sheriff's Patrol Officers	3,220	3,860	640	20%	830	1,470	23
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5,910	6,540	630	11%	1,010	1,640	24
35-2014	Cooks, Restaurant	4,710	5,330	620	13%	1,460	2,070	25
51-9111	Packaging and Filling Machine Operators and Tenders	2,460	3,080	620	25%	490	1,110	25
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,340	3,950	610	18%	940	1,550	27
29-2061	Licensed Practical and Licensed Vocational Nurses	4,950	5,560	610	12%	1,080	1,690	27
15-1041	Computer Support Specialists	3,150	3,740	590	19%	390	980	29
23-1011	Lawyers	3,230	3,820	590	18%	420	1,000	29
25-1191	Graduate Teaching Assistants	1,700	2,280	580	34%	380	970	31
31-1011	Home Health Aides	1,920	2,500	580	30%	250	830	31
51-9011	Chemical Equipment Operators and Tenders	2,710	3,290	580	21%	870	1,440	31
11-3021	Computer and Information Systems Managers	1,930	2,500	570	30%	350	920	34
31-9091	Dental Assistants	980	1,520	540	55%	270	810	35
43-3011	Bill and Account Collectors	2,940	3,480	540	18%	550	1,090	35
11-9111	Medical and Health Services Managers	1,950	2,470	520	27%	380	900	37
29-2071	Medical Records and Health Information Technicians	1,110	1,630	520	47%	160	690	37
39-9031	Fitness Trainers and Aerobics Instructors	1,310	1,830	520	40%	300	820	37
39-9021	Personal and Home Care Aides	2,560	3,070	510	20%	410	930	40
53-7051	Industrial Truck and Tractor Operators	5,400	5,890	490	9%	1,020	1,520	41
47-2061	Construction Laborers	5,500	5,960	460	8%	730	1,190	42
13-2011	Accountants and Auditors	8,220	8,670	450	5%	1,550	2,000	43
33-9032	Security Guards	7,270	7,720	450	6%	1,580	2,030	43
53-3033	Truck Drivers, Light or Delivery Services	5,640	6,090	450	8%	520	970	43
41-2011	Cashiers	20,330	20,760	430	2%	9,890	10,320	46
43-6012	Legal Secretaries	2,030	2,460	430	21%	390	830	46
13-1111	Management Analysts	4,200	4,620	420	10%	580	990	48
15-1071	Network and Computer Systems Administrators	1,540	1,960	420	27%	170	600	48
29-1067	Surgeons	1,290	1,680	390	30%	170	560	50
11-2022	Sales Managers	2,070	2,450	380	18%	380	760	51
29-2011	Medical and Clinical Laboratory Technologists	1,440	1,820	380	26%	390	770	51
25-3021	Self-Enrichment Education Teachers	1,300	1,670	370	28%	160	530	53
29-2021	Dental Hygienists	660	1,030	370	56%	60	420	53

29-2052	Pharmacy Technicians	2,190	2,550	360	16%	290	640	55
47-2031	Carpenters	8,490	8,850	360	4%	1,380	1,750	55
25-2011	Preschool Teachers, Except Special Education	2,000	2,350	350	18%	240	590	57
29-1051	Pharmacists	1,610	1,960	350	22%	310	660	57
47-2111	Electricians	4,750	5,100	350	7%	940	1,280	57
49-3023	Automotive Service Technicians and Mechanics	5,330	5,680	350	7%	1,420	1,770	57
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,150	3,490	340	11%	2,060	2,390	61
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,730	4,070	340	9%	980	1,320	61
33-3012	Correctional Officers and Jailers	1,890	2,220	330	17%	390	720	63
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4,110	4,440	330	8%	1,030	1,370	63
15-1032	Computer Software Engineers, Systems Software	1,130	1,450	320	28%	110	430	65
15-1031	Computer Software Engineers, Applications	1,370	1,670	300	22%	140	430	66
29-1126	Respiratory Therapists	1,060	1,360	300	28%	350	650	66
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,190	2,490	300	14%	700	1,000	66
47-2051	Cement Masons and Concrete Finishers	1,490	1,790	300	20%	300	600	66
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,000	2,300	300	15%	270	570	66
23-2011	Paralegals and Legal Assistants	960	1,250	290	30%	80	360	71
53-3022	Bus Drivers, School	4,380	4,670	290	7%	950	1,240	71
21-1093	Social and Human Service Assistants	900	1,180	280	31%	160	440	73
33-2011	Fire Fighters	1,620	1,900	280	17%	470	740	73
39-3091	Amusement and Recreation Attendants	1,100	1,380	280	25%	320	590	73
43-4111	Interviewers, Except Eligibility and Loan	1,170	1,450	280	24%	300	580	73
11-3031	Financial Managers	2,850	3,120	270	9%	410	690	77
15-1081	Network Systems and Data Communications Analysts	760	1,020	260	34%	90	350	78
41-2021	Counter and Rental Clerks	2,860	3,110	250	9%	1,100	1,350	79
19-4021	Biological Technicians	940	1,180	240	26%	160	400	80
29-1062	Family and General Practitioners	1,020	1,260	240	24%	140	380	80
37-2012	Maids and Housekeeping Cleaners	5,090	5,330	240	5%	1,070	1,310	80
39-9011	Child Care Workers	3,680	3,920	240	7%	1,000	1,240	80
19-2031	Chemists	1,000	1,230	230	23%	330	560	84
25-2022	Middle School Teachers, Except Special and Vocational Education	2,360	2,590	230	10%	520	750	84
27-3031	Public Relations Specialists	1,170	1,400	230	20%	170	390	84
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,230	2,460	230	10%	270	500	84
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,150	2,370	220	10%	720	940	88
13-2072	Loan Officers	1,450	1,660	210	14%	230	440	89
17-3031	Surveying and Mapping Technicians	920	1,130	210	23%	340	540	89
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	730	940	210	29%	170	390	89
29-1063	Internists, General	750	960	210	28%	100	300	89
11-1011	Chief Executives	2,570	2,770	200	8%	490	690	93
13-1031	Claims Adjusters, Examiners, and Investigators	2,880	3,080	200	7%	360	560	93
13-1073	Training and Development Specialists	1,160	1,360	200	17%	180	380	93
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,930	2,130	200	10%	220	430	93
13-1051	Cost Estimators	1,610	1,800	190	12%	360	550	97
21-1011	Substance Abuse and Behavioral Disorder Counselors	510	700	190	37%	120	310	97
27-2022	Coaches and Scouts	1,020	1,210	190	19%	200	390	97
29-1123	Physical Therapists	830	1,020	190	23%	80	270	97
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,540	2,730	190	7%	650	850	97
53-3041	Taxi Drivers and Chauffeurs	1,070	1,260	190	18%	100	290	97
15-1061	Database Administrators	660	840	180	27%	70	250	103
19-1022	Microbiologists	570	750	180	32%	180	350	103
29-2034	Radiologic Technologists and Technicians	1,080	1,260	180	17%	200	380	103
47-2073	Operating Engineers and Other Construction Equipment Operators	1,860	2,040	180	10%	480	670	103
11-9021	Construction Managers	2,410	2,580	170	7%	440	610	107
11-9032	Education Administrators, Elementary and Secondary School	820	990	170	21%	210	370	107
21-1021	Child, Family, and School Social Workers	1,300	1,470	170	13%	220	390	107
27-1024	Graphic Designers	1,210	1,380	170	14%	160	340	107
29-1122	Occupational Therapists	600	770	170	28%	80	250	107
29-2012	Medical and Clinical Laboratory Technicians	750	920	170	23%	200	370	107
41-3021	Insurance Sales Agents	2,440	2,610	170	7%	580	760	107
47-2152	Plumbers, Pipefitters, and Steamfitters	4,220	4,390	170	4%	970	1,140	107
11-9141	Property, Real Estate, and Community Association Managers	2,320	2,480	160	7%	430	590	115
13-1071	Employment, Recruitment, and Placement Specialists	1,370	1,530	160	12%	210	370	115
29-2055	Surgical Technologists	590	750	160	27%	80	230	115
39-9032	Recreation Workers	1,650	1,810	160	10%	380	540	115
13-2052	Personal Financial Advisors	500	650	150	30%	70	220	119
17-3023	Electrical and Electronic Engineering Technicians	1,180	1,330	150	13%	250	400	119
25-2012	Kindergarten Teachers, Except Special Education	660	810	150	23%	80	220	119

43-3021	Billing and Posting Clerks and Machine Operators	3,720	3,870	150	4%	630	780	119
11-3071	Transportation, Storage, and Distribution Managers	760	900	140	18%	150	290	123
25-1194	Vocational Education Teachers, Postsecondary	380	520	140	37%	90	220	123
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1,080	1,220	140	13%	100	250	123
53-7032	Excavating and Loading Machine and Dragline Operators	830	970	140	17%	230	360	123
11-3011	Administrative Services Managers	1,310	1,440	130	10%	260	380	127
11-3040	Human Resources Managers	1,110	1,240	130	12%	190	320	127
11-9151	Social and Community Service Managers	730	860	130	18%	140	270	127
19-1021	Biochemists and Biophysicists	610	740	130	21%	190	320	127
25-1011	Business Teachers, Postsecondary	320	450	130	41%	70	200	127
29-1127	Speech-Language Pathologists	620	750	130	21%	150	290	127
29-2081	Opticians, Dispensing	730	860	130	18%	130	260	127
31-9094	Medical Transcriptionists	840	970	130	15%	160	290	127
47-2141	Painters, Construction and Maintenance	3,650	3,780	130	4%	560	690	127
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	2,250	2,380	130	6%	530	660	127
11-9051	Food Service Managers	1,680	1,800	120	7%	280	390	137
25-2043	Special Education Teachers, Secondary School	400	520	120	30%	100	210	137
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,590	1,710	120	8%	380	500	137
39-2021	Nonfarm Animal Caretakers	780	900	120	15%	190	320	137
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	11,050	11,170	120	1%	1,990	2,100	137
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,120	1,240	120	11%	240	360	137
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	620	740	120	19%	160	280	137
47-2121	Glaziers	580	700	120	21%	120	240	137
47-2211	Sheet Metal Workers	2,140	2,260	120	6%	510	630	137
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,340	1,460	120	9%	320	430	137
53-6021	Parking Lot Attendants	960	1,080	120	13%	280	410	137
13-2051	Financial Analysts	900	1,010	110	12%	130	240	148
17-3026	Industrial Engineering Technicians	700	810	110	16%	150	250	148
29-2031	Cardiovascular Technologists and Technicians	360	470	110	31%	70	180	148
29-2041	Emergency Medical Technicians and Paramedics	1,010	1,120	110	11%	120	230	148
31-2021	Physical Therapist Assistants	330	440	110	33%	60	170	148
51-9123	Painting, Coating, and Decorating Workers	330	440	110	33%	90	190	148
25-1081	Education Teachers, Postsecondary	240	340	100	42%	60	150	154
35-2015	Cooks, Short Order	2,120	2,220	100	5%	660	750	154
35-9021	Dishwashers	2,380	2,480	100	4%	800	910	154
47-2081	Drywall and Ceiling Tile Installers	770	870	100	13%	170	260	154
51-3011	Bakers	1,480	1,580	100	7%	340	440	154
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	16,430	16,530	100	1%	5,370	5,470	154
11-2021	Marketing Managers	950	1,040	90	9%	180	260	160
17-1011	Architects, Except Landscape and Naval	680	770	90	13%	80	170	160
19-3021	Market Research Analysts	700	790	90	13%	180	270	160
19-4091	Environmental Science and Protection Technicians, Including Health	230	320	90	39%	60	140	160
21-1022	Medical and Public Health Social Workers	550	640	90	16%	90	190	160
25-4021	Librarians	1,090	1,180	90	8%	260	350	160
25-4031	Library Technicians	750	840	90	12%	280	370	160
29-1020	Dentists	830	920	90	11%	140	230	160
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,180	1,270	90	8%	260	340	160
51-9081	Dental Laboratory Technicians	230	320	90	39%	50	130	160
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,600	1,680	80	5%	400	480	170
13-2041	Credit Analysts	950	1,030	80	8%	150	220	170
19-3031	Clinical, Counseling, and School Psychologists	550	630	80	15%	120	200	170
21-1012	Educational, Vocational, and School Counselors	950	1,030	80	8%	220	300	170
25-1121	Art, Drama, and Music Teachers, Postsecondary	190	270	80	42%	40	120	170
25-2042	Special Education Teachers, Middle School	360	440	80	22%	90	170	170
27-3043	Writers and Authors	590	670	80	14%	100	180	170
29-1071	Physician Assistants	130	210	80	62%	20	90	170
43-4081	Hotel, Motel, and Resort Desk Clerks	850	930	80	9%	380	460	170
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,090	1,170	80	7%	230	310	170
47-4041	Hazardous Materials Removal Workers	280	360	80	29%	70	160	170
49-9098	Helpers--Installation, Maintenance, and Repair Workers	900	980	80	9%	310	380	170
11-9033	Education Administrators, Postsecondary	270	340	70	26%	70	130	182
17-2081	Environmental Engineers	240	310	70	29%	40	120	182
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	390	460	70	18%	50	120	182
27-2012	Producers and Directors	520	590	70	13%	80	150	182
27-4011	Audio and Video Equipment Technicians	480	550	70	15%	120	180	182
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	490	560	70	14%	90	160	182
33-1012	First-Line Supervisors/Managers of Police and Detectives	580	650	70	12%	190	260	182

35-1011	Chefs and Head Cooks	500	570	70	14%	150	220	182
35-3011	Bartenders	3,450	3,520	70	2%	1,360	1,440	182
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,510	1,580	70	5%	430	500	182
51-9196	Paper Goods Machine Setters, Operators, and Tenders	530	600	70	13%	110	190	182
53-2021	Air Traffic Controllers	530	600	70	13%	140	200	182
11-2031	Public Relations Managers	460	520	60	13%	80	140	194
13-1072	Compensation, Benefits, and Job Analysis Specialists	470	530	60	13%	70	130	194
13-2082	Tax Preparers	410	470	60	15%	70	120	194
19-1042	Medical Scientists, Except Epidemiologists	360	420	60	17%	60	120	194
21-1023	Mental Health and Substance Abuse Social Workers	280	340	60	21%	50	110	194
21-1092	Probation Officers and Correctional Treatment Specialists	600	660	60	10%	110	160	194
25-1124	Foreign Language and Literature Teachers, Postsecondary	160	220	60	38%	40	100	194
29-2054	Respiratory Therapy Technicians	180	240	60	33%	20	80	194
29-2056	Veterinary Technologists and Technicians	400	460	60	15%	50	110	194
31-9095	Pharmacy Aides	920	980	60	7%	170	230	194
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	370	430	60	16%	150	210	194
33-3021	Detectives and Criminal Investigators	280	340	60	21%	80	140	194
35-2011	Cooks, Fast Food	2,700	2,760	60	2%	840	900	194
41-3011	Advertising Sales Agents	1,160	1,220	60	5%	220	290	194
43-4121	Library Assistants, Clerical	300	360	60	20%	120	180	194
43-5011	Cargo and Freight Agents	980	1,040	60	6%	220	280	194
47-2021	Brickmasons and Blockmasons	1,430	1,490	60	4%	210	280	194
47-2181	Roofers	1,050	1,110	60	6%	240	310	194
47-3012	Helpers--Carpenters	610	670	60	10%	250	310	194
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	590	650	60	10%	130	190	194
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	410	470	60	15%	80	140	194
49-3011	Aircraft Mechanics and Service Technicians	960	1,020	60	6%	230	280	194
51-8031	Water and Liquid Waste Treatment Plant and System Operators	530	590	60	11%	180	250	194
11-9031	Education Administrators, Preschool and Child Care Center/Program	320	370	50	16%	80	130	217
13-2021	Appraisers and Assessors of Real Estate	500	550	50	10%	110	160	217
13-2053	Insurance Underwriters	990	1,040	50	5%	180	230	217
17-2051	Civil Engineers	1,340	1,390	50	4%	210	260	217
25-1123	English Language and Literature Teachers, Postsecondary	150	200	50	33%	30	90	217
27-3041	Editors	940	990	50	5%	230	280	217
29-1065	Pediatricians, General	190	240	50	26%	30	80	217
39-6031	Flight Attendants	300	350	50	17%	40	90	217
49-9043	Maintenance Workers, Machinery	490	540	50	10%	110	170	217
49-9052	Telecommunications Line Installers and Repairers	370	420	50	14%	100	150	217
49-9062	Medical Equipment Repairers	380	430	50	13%	110	150	217
51-4121	Welders, Cutters, Solderers, and Brazers	2,240	2,290	50	2%	630	690	217
51-7011	Cabinetmakers and Bench Carpenters	870	920	50	6%	220	270	217
53-2011	Airline Pilots, Copilots, and Flight Engineers	380	430	50	13%	100	150	217
11-2011	Advertising and Promotions Managers	470	510	40	9%	90	130	231
11-9121	Natural Sciences Managers	750	790	40	5%	150	180	231
13-1032	Insurance Appraisers, Auto Damage	350	390	40	11%	40	80	231
17-2072	Electronics Engineers, Except Computer	420	460	40	10%	80	130	231
25-1042	Biological Science Teachers, Postsecondary	100	140	40	40%	20	60	231
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	100	140	40	40%	20	60	231
25-1066	Psychology Teachers, Postsecondary	80	120	40	50%	20	50	231
25-1071	Health Specialties Teachers, Postsecondary	140	180	40	29%	30	80	231
25-1112	Law Teachers, Postsecondary	70	110	40	57%	20	50	231
25-1122	Communications Teachers, Postsecondary	110	150	40	36%	30	70	231
25-1126	Philosophy and Religion Teachers, Postsecondary	80	120	40	50%	20	50	231
25-9031	Instructional Coordinators	230	270	40	17%	40	80	231
27-1025	Interior Designers	580	620	40	7%	80	120	231
27-2031	Dancers	540	580	40	7%	330	370	231
29-2032	Diagnostic Medical Sonographers	240	280	40	17%	50	80	231
29-9010	Occupational Health and Safety Specialists and Technicians	520	560	40	8%	110	150	231
31-2022	Physical Therapist Aides	130	170	40	31%	20	70	231
33-1011	First-Line Supervisors/Managers of Correctional Officers	370	410	40	11%	110	150	231
39-9041	Residential Advisors	320	360	40	13%	70	110	231
41-9011	Demonstrators and Product Promoters	520	560	40	8%	110	160	231
45-2093	Farmworkers, Farm and Ranch Animals	110	150	40	36%	30	70	231
47-4011	Construction and Building Inspectors	400	440	40	10%	90	130	231
49-3021	Automotive Body and Related Repairers	1,340	1,380	40	3%	270	310	231
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,480	5,520	40	1%	1,150	1,190	231
53-7081	Refuse and Recyclable Material Collectors	470	510	40	9%	120	160	231

11-9011	Farm, Ranch, and Other Agricultural Managers	320	350	30	9%	60	90	256
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	660	690	30	5%	150	190	256
17-2041	Chemical Engineers	370	400	30	8%	110	140	256
19-2041	Environmental Scientists and Specialists, Including Health	340	370	30	9%	60	100	256
21-1014	Mental Health Counselors	240	270	30	13%	60	80	256
21-1015	Rehabilitation Counselors	400	430	30	8%	90	120	256
21-1091	Health Educators	440	470	30	7%	80	110	256
25-1022	Mathematical Science Teachers, Postsecondary	110	140	30	27%	20	60	256
25-1072	Nursing Instructors and Teachers, Postsecondary	120	150	30	25%	30	60	256
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	40	256
25-2032	Vocational Education Teachers, Secondary School	470	500	30	6%	130	170	256
27-3042	Technical Writers	470	500	30	6%	140	170	256
29-1031	Dietitians and Nutritionists	300	330	30	10%	80	110	256
29-1041	Optometrists	240	270	30	13%	70	100	256
29-1064	Obstetricians and Gynecologists	80	110	30	38%	10	30	256
29-2051	Dietetic Technicians	160	190	30	19%	20	50	256
31-1013	Psychiatric Aides	310	340	30	10%	40	70	256
31-2011	Occupational Therapist Assistants	160	190	30	19%	20	50	256
31-9011	Massage Therapists	170	200	30	18%	30	60	256
35-3041	Food Servers, Nonrestaurant	1,960	1,990	30	2%	660	690	256
39-3093	Locker Room, Coathouse, and Dressing Room Attendants	110	140	30	27%	30	50	256
39-4021	Funeral Attendants	210	240	30	14%	40	70	256
43-4031	Court, Municipal, and License Clerks	370	400	30	8%	80	110	256
43-9031	Desktop Publishers	240	270	30	13%	60	80	256
47-2041	Carpet Installers	260	290	30	12%	40	70	256
47-2044	Tile and Marble Setters	200	230	30	15%	30	60	256
47-2221	Structural Iron and Steel Workers	370	400	30	8%	70	100	256
47-4031	Fence Erectors	240	270	30	13%	40	70	256
47-4051	Highway Maintenance Workers	570	600	30	5%	80	110	256
49-9041	Industrial Machinery Mechanics	1,020	1,050	30	3%	210	230	256
49-9051	Electrical Power-Line Installers and Repairers	440	470	30	7%	140	170	256
51-3092	Food Batchmakers	420	450	30	7%	100	140	256
51-9082	Medical Appliance Technicians	100	130	30	30%	20	60	256
11-9041	Engineering Managers	950	970	20	2%	190	210	289
13-1061	Emergency Management Specialists	140	160	20	14%	30	60	289
13-2031	Budget Analysts	240	260	20	8%	40	60	289
15-1011	Computer and Information Scientists, Research	90	110	20	22%	10	20	289
17-2061	Computer Hardware Engineers	110	130	20	18%	20	40	289
19-4031	Chemical Technicians	480	500	20	4%	120	140	289
25-1021	Computer Science Teachers, Postsecondary	70	90	20	29%	20	40	289
25-1052	Chemistry Teachers, Postsecondary	50	70	20	40%	10	30	289
25-1054	Physics Teachers, Postsecondary	40	60	20	50%	10	30	289
25-1063	Economics Teachers, Postsecondary	30	50	20	67%	10	20	289
25-1065	Political Science Teachers, Postsecondary	30	50	20	67%	10	20	289
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	289
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	289
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	80	100	20	25%	20	50	289
27-2032	Choreographers	150	170	20	13%	90	110	289
27-3020	News Analysts, Reporters and Correspondents	300	320	20	7%	70	90	289
27-4012	Broadcast Technicians	150	170	20	13%	40	50	289
29-1011	Chiropractors	360	380	20	6%	70	90	289
29-1066	Psychiatrists	90	110	20	22%	10	30	289
29-1124	Radiation Therapists	100	120	20	20%	20	40	289
29-2033	Nuclear Medicine Technologists	100	120	20	20%	20	40	289
29-2053	Psychiatric Technicians	830	850	20	2%	110	120	289
29-9091	Athletic Trainers	60	80	20	33%	10	30	289
31-9093	Medical Equipment Preparers	160	180	20	13%	30	50	289
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	760	780	20	3%	170	190	289
41-9031	Sales Engineers	490	510	20	4%	150	160	289
43-5031	Police, Fire, and Ambulance Dispatchers	330	350	20	6%	70	90	289
43-5061	Production, Planning, and Expediting Clerks	2,570	2,590	20	1%	620	650	289
43-6011	Executive Secretaries and Administrative Assistants	7,510	7,530	20	0%	1,440	1,460	289
47-2071	Paving, Surfacing, and Tamping Equipment Operators	290	310	20	7%	40	70	289
47-2082	Tapers	110	130	20	18%	30	40	289
47-2151	Pipelayers	270	290	20	7%	60	90	289
47-3013	Helpers--Electricians	450	470	20	4%	190	200	289
49-3051	Motorboat Mechanics	120	140	20	17%	30	40	289

49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	260	280	20	8%	60	90	289
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	490	510	20	4%	100	120	289
51-9083	Ophthalmic Laboratory Technicians	160	180	20	13%	30	60	289
53-1011	Aircraft Cargo Handling Supervisors	60	80	20	33%	10	30	289
53-2022	Airfield Operations Specialists	160	180	20	13%	40	60	289
53-3021	Bus Drivers, Transit and Intercity	410	430	20	5%	90	110	289
53-7121	Tank Car, Truck, and Ship Loaders	240	260	20	8%	70	90	289
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	170	180	10	6%	30	50	330
13-1021	Purchasing Agents and Buyers, Farm Products	90	100	10	11%	30	50	330
13-1121	Meeting and Convention Planners	260	270	10	4%	60	70	330
13-2061	Financial Examiners	150	160	10	7%	40	40	330
13-2071	Loan Counselors	70	80	10	14%	10	20	330
13-2081	Tax Examiners, Collectors, and Revenue Agents	470	480	10	2%	110	120	330
15-2011	Actuaries	140	150	10	7%	60	70	330
15-2091	Mathematical Technicians	20	30	10	50%	10	10	330
17-1012	Landscape Architects	90	100	10	11%	10	30	330
17-2031	Biomedical Engineers	40	50	10	25%	10	10	330
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	190	200	10	5%	50	50	330
17-3022	Civil Engineering Technicians	500	510	10	2%	110	110	330
17-3025	Environmental Engineering Technicians	90	100	10	11%	20	30	330
19-2032	Materials Scientists	20	30	10	50%	10	10	330
19-2043	Hydrologists	40	50	10	25%	10	10	330
19-3022	Survey Researchers	170	180	10	6%	40	60	330
21-2011	Clergy	130	140	10	8%	30	30	330
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	40	10	33%	0	10	330
23-2091	Court Reporters	130	140	10	8%	20	20	330
25-1032	Engineering Teachers, Postsecondary	20	30	10	50%	0	10	330
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	330
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	30	40	10	33%	10	20	330
25-1113	Social Work Teachers, Postsecondary	20	30	10	50%	10	10	330
25-2023	Vocational Education Teachers, Middle School	110	120	10	9%	20	30	330
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	160	170	10	6%	30	50	330
27-1021	Commercial and Industrial Designers	340	350	10	3%	50	60	330
27-2021	Athletes and Sports Competitors	30	40	10	33%	10	10	330
27-4014	Sound Engineering Technicians	80	90	10	13%	20	30	330
27-4031	Camera Operators, Television, Video, and Motion Picture	150	160	10	7%	30	40	330
27-4032	Film and Video Editors	40	50	10	25%	10	20	330
29-1121	Audiologists	100	110	10	10%	20	30	330
29-1131	Veterinarians	450	460	10	2%	110	120	330
33-2021	Fire Inspectors and Investigators	240	250	10	4%	70	80	330
33-3011	Bailiffs	50	60	10	20%	10	20	330
33-9011	Animal Control Workers	50	60	10	20%	40	40	330
33-9091	Crossing Guards	200	210	10	5%	60	80	330
37-2021	Pest Control Workers	160	170	10	6%	20	40	330
39-2011	Animal Trainers	40	50	10	25%	10	20	330
39-5092	Manicurists and Pedicurists	90	100	10	11%	20	30	330
39-5094	Skin Care Specialists	80	90	10	13%	20	20	330
39-6012	Concierges	60	70	10	17%	20	20	330
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	40	50	10	25%	10	10	330
43-3041	Gaming Cage Workers	80	90	10	13%	40	50	330
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	140	150	10	7%	30	50	330
45-2041	Graders and Sorters, Agricultural Products	90	100	10	11%	20	30	330
45-2091	Agricultural Equipment Operators	90	100	10	11%	30	30	330
47-2022	Stonemasons	140	150	10	7%	20	30	330
47-2053	Terrazzo Workers and Finishers	40	50	10	25%	10	10	330
47-2130	Insulation Workers	80	90	10	13%	30	30	330
47-2161	Plasterers and Stucco Masons	160	170	10	6%	30	40	330
47-2171	Reinforcing Iron and Rebar Workers	120	130	10	8%	20	30	330
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	80	90	10	13%	30	40	330
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	110	120	10	9%	30	40	330
47-5081	Helpers--Extraction Workers	20	30	10	50%	10	10	330
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	60	70	10	17%	20	20	330
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	70	80	10	14%	20	20	330
49-3022	Automotive Glass Installers and Repairers	30	40	10	33%	10	10	330
49-3052	Motorcycle Mechanics	70	80	10	14%	20	20	330
49-3091	Bicycle Repairers	60	70	10	17%	30	30	330
49-3092	Recreational Vehicle Service Technicians	80	90	10	13%	30	50	330

51-3023	Slaughterers and Meat Packers	30	40	10	33%	10	10	330
51-3093	Food Cooking Machine Operators and Tenders	110	120	10	9%	20	40	330
51-4052	Pourers and Casters, Metal	280	290	10	4%	60	70	330
51-4061	Model Makers, Metal and Plastic	160	170	10	6%	50	60	330
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	800	810	10	1%	210	220	330
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	50	60	10	20%	10	20	330
53-2012	Commercial Pilots	140	150	10	7%	40	50	330
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	120	130	10	8%	10	20	330
53-7021	Crane and Tower Operators	230	240	10	4%	50	60	330
53-7041	Hoist and Winch Operators	200	210	10	5%	70	70	330
11-3051	Industrial Production Managers	860	860	0	0%	170	170	400
11-9061	Funeral Directors	140	140	0	0%	40	40	400
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	400
15-2041	Statisticians	130	130	0	0%	40	40	400
17-1021	Cartographers and Photogrammetrists	20	20	0	0%	10	10	400
17-1022	Surveyors	480	480	0	0%	160	160	400
17-3024	Electro-Mechanical Technicians	80	80	0	0%	20	20	400
17-3027	Mechanical Engineering Technicians	160	160	0	0%	30	40	400
19-1010	Agricultural and Food Scientists	130	130	0	0%	20	20	400
19-1031	Conservation Scientists	30	30	0	0%	10	10	400
19-1032	Foresters	20	20	0	0%	10	10	400
19-2012	Physicists	20	20	0	0%	10	10	400
19-2021	Atmospheric and Space Scientists	20	20	0	0%	10	10	400
19-2042	Geoscientists, Except Hydrologists and Geographers	70	70	0	0%	10	10	400
19-3011	Economists	30	30	0	0%	10	10	400
19-3051	Urban and Regional Planners	140	140	0	0%	50	50	400
19-4041	Geological and Petroleum Technicians	20	20	0	0%	10	10	400
19-4092	Forensic Science Technicians	50	50	0	0%	10	20	400
21-1013	Marriage and Family Therapists	130	130	0	0%	30	30	400
23-1022	Arbitrators, Mediators, and Conciliators	50	50	0	0%	10	10	400
23-1023	Judges, Magistrate Judges, and Magistrates	130	130	0	0%	20	20	400
23-2093	Title Examiners, Abstractors, and Searchers	300	300	0	0%	30	30	400
25-4010	Archivists, Curators, and Museum Technicians	140	140	0	0%	30	30	400
27-1011	Art Directors	270	270	0	0%	60	60	400
27-1014	Multi-Media Artists and Animators	330	330	0	0%	70	80	400
27-1027	Set and Exhibit Designers	20	20	0	0%	0	0	400
27-2011	Actors	70	70	0	0%	10	10	400
27-2023	Umpires, Referees, and Other Sports Officials	80	80	0	0%	10	20	400
27-2042	Musicians and Singers	340	340	0	0%	70	80	400
27-3091	Interpreters and Translators	30	30	0	0%	0	10	400
29-1081	Podiatrists	90	90	0	0%	20	20	400
29-1125	Recreational Therapists	160	160	0	0%	40	40	400
29-2091	Orthotists and Prosthetists	40	40	0	0%	10	10	400
33-3041	Parking Enforcement Workers	40	40	0	0%	10	10	400
33-9021	Private Detectives and Investigators	150	150	0	0%	30	40	400
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	400
39-3031	Ushers, Lobby Attendants, and Ticket Takers	860	860	0	0%	490	490	400
39-3092	Costume Attendants	30	30	0	0%	10	10	400
39-4011	Embalmers	30	30	0	0%	10	10	400
39-5093	Shampooers	60	60	0	0%	10	10	400
39-6022	Travel Guides	20	20	0	0%	10	10	400
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	4,000	4,000	0	0%	750	760	400
43-3071	Tellers	2,990	2,990	0	0%	1,470	1,470	400
43-4141	New Accounts Clerks	360	360	0	0%	90	100	400
45-4021	Fallers	40	40	0	0%	10	10	400
45-4022	Logging Equipment Operators	30	30	0	0%	10	10	400
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	400
47-2011	Boilermakers	20	20	0	0%	10	10	400
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	250	250	0	0%	40	40	400
47-2142	Paperhangers	160	160	0	0%	20	20	400
47-3016	Helpers--Roofers	80	80	0	0%	30	40	400
47-4021	Elevator Installers and Repairers	310	310	0	0%	80	80	400
47-5021	Earth Drillers, Except Oil and Gas	90	90	0	0%	20	20	400
47-5041	Continuous Mining Machine Operators	40	40	0	0%	10	10	400
49-2091	Avionics Technicians	130	130	0	0%	30	30	400
49-2092	Electric Motor, Power Tool, and Related Repairers	160	160	0	0%	40	40	400
49-2098	Security and Fire Alarm Systems Installers	350	350	0	0%	70	70	400

49-3041	Farm Equipment Mechanics	90	90	0	0%	20	20	400
49-3043	Rail Car Repairers	20	20	0	0%	0	10	400
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	80	80	0	0%	20	20	400
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	110	110	0	0%	30	30	400
49-9063	Musical Instrument Repairers and Tuners	90	90	0	0%	30	30	400
49-9064	Watch Repairers	20	20	0	0%	10	10	400
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	400
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	70	70	0	0%	20	20	400
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	80	80	0	0%	20	30	400
51-4051	Metal-Refining Furnace Operators and Tenders	130	130	0	0%	30	30	400
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	80	80	0	0%	20	20	400
51-7021	Furniture Finishers	130	130	0	0%	30	30	400
51-8011	Nuclear Power Reactor Operators	40	40	0	0%	10	10	400
51-8021	Stationary Engineers and Boiler Operators	210	210	0	0%	40	40	400
51-8092	Gas Plant Operators	60	60	0	0%	20	20	400
51-9022	Grinding and Polishing Workers, Hand	180	180	0	0%	50	50	400
51-9031	Cutters and Trimmers, Hand	80	80	0	0%	20	20	400
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	150	150	0	0%	40	40	400
51-9122	Painters, Transportation Equipment	430	430	0	0%	110	110	400
51-9194	Etchers and Engravers	40	40	0	0%	10	10	400
51-9197	Tire Builders	60	60	0	0%	10	10	400
53-7011	Conveyor Operators and Tenders	830	830	0	0%	240	240	400
53-7033	Loading Machine Operators, Underground Mining	40	40	0	0%	10	10	400
11-9081	Lodging Managers	280	270	-10	-4%	50	50	480
11-1031	Legislators	390	380	-10	-3%	50	50	480
15-2031	Operations Research Analysts	310	300	-10	-3%	70	70	480
17-2131	Materials Engineers	110	100	-10	-9%	30	30	480
17-3011	Architectural and Civil Drafters	900	890	-10	-1%	250	250	480
17-3012	Electrical and Electronics Drafters	80	70	-10	-13%	20	20	480
19-4011	Agricultural and Food Science Technicians	160	150	-10	-6%	30	30	480
19-4051	Nuclear Technicians	70	60	-10	-14%	20	20	480
27-1022	Fashion Designers	50	40	-10	-20%	10	10	480
27-1023	Floral Designers	550	540	-10	-2%	70	70	480
27-1026	Merchandise Displayers and Window Trimmers	220	210	-10	-5%	30	30	480
39-3021	Motion Picture Projectionists	60	50	-10	-17%	30	30	480
39-5011	Barbers	120	110	-10	-8%	30	30	480
43-5051	Postal Service Clerks	460	450	-10	-2%	120	120	480
43-9081	Proofreaders and Copy Markers	160	150	-10	-6%	30	30	480
43-9111	Statistical Assistants	100	90	-10	-10%	20	20	480
47-2043	Floor Sanders and Finishers	130	120	-10	-8%	20	20	480
49-2021	Radio Mechanics	40	30	-10	-25%	10	10	480
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	130	120	-10	-8%	30	30	480
49-9031	Home Appliance Repairers	470	460	-10	-2%	110	110	480
49-9094	Locksmiths and Safe Repairers	100	90	-10	-10%	30	30	480
49-9096	Riggers	20	10	-10	-50%	0	0	480
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	160	150	-10	-6%	40	40	480
51-4012	Numerical Tool and Process Control Programmers	160	150	-10	-6%	30	30	480
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	290	280	-10	-3%	70	70	480
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	380	-10	-3%	110	110	480
51-4192	Lay-Out Workers, Metal and Plastic	50	40	-10	-20%	10	10	480
51-5021	Job Printers	370	360	-10	-3%	90	90	480
51-6051	Sewers, Hand	130	120	-10	-8%	20	20	480
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	70	60	-10	-14%	20	20	480
51-6092	Fabric and Apparel Patternmakers	20	10	-10	-50%	10	10	480
51-8012	Power Distributors and Dispatchers	100	90	-10	-10%	30	30	480
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	100	90	-10	-10%	30	30	480
51-9071	Jewelers and Precious Stone and Metal Workers	120	110	-10	-8%	20	20	480
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	480
51-9132	Photographic Processing Machine Operators	190	180	-10	-5%	50	50	480
51-9191	Cementing and Gluing Machine Operators and Tenders	210	200	-10	-5%	60	60	480
53-6051	Transportation Inspectors	170	160	-10	-6%	40	40	480
11-3061	Purchasing Managers	440	420	-20	-5%	100	100	518
23-2092	Law Clerks	290	270	-20	-7%	30	30	518
27-4021	Photographers	760	740	-20	-3%	150	150	518
39-6021	Tour Guides and Escorts	360	340	-20	-6%	100	100	518
43-3051	Payroll and Timekeeping Clerks	1,330	1,310	-20	-2%	350	350	518
49-9045	Refractory Materials Repairers, Except Brickmasons	140	120	-20	-14%	30	30	518

51-2023	Electromechanical Equipment Assemblers	300	280	-20	-7%	70	70	518
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	860	840	-20	-2%	140	140	518
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	880	860	-20	-2%	290	290	518
51-4062	Patternmakers, Metal and Plastic	170	150	-20	-12%	50	50	518
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	170	150	-20	-12%	50	50	518
51-5012	Bookbinders	130	110	-20	-15%	30	30	518
51-6093	Upholsterers	190	170	-20	-11%	50	50	518
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	100	-20	-17%	30	30	518
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	190	170	-20	-11%	50	50	518
51-8013	Power Plant Operators	160	140	-20	-13%	40	40	518
51-8091	Chemical Plant and System Operators	540	520	-20	-4%	170	170	518
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	180	160	-20	-11%	60	60	518
53-3031	Driver/Sales Workers	3,300	3,280	-20	-1%	540	540	518
27-3010	Announcers	490	460	-30	-6%	130	130	537
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,210	1,180	-30	-2%	300	300	537
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,150	2,120	-30	-1%	410	410	537
41-3041	Travel Agents	1,330	1,300	-30	-2%	300	300	537
41-9021	Real Estate Brokers	300	270	-30	-10%	60	60	537
43-4061	Eligibility Interviewers, Government Programs	220	190	-30	-14%	60	60	537
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	410	380	-30	-7%	170	170	537
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	570	540	-30	-5%	240	240	537
51-2021	Coil Winders, Tapers, and Finishers	170	140	-30	-18%	40	40	537
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	390	360	-30	-8%	100	100	537
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	150	120	-30	-20%	40	40	537
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	320	290	-30	-9%	80	80	537
51-9198	Helpers--Production Workers	2,110	2,080	-30	-1%	590	590	537
53-7061	Cleaners of Vehicles and Equipment	2,220	2,190	-30	-1%	770	770	537
17-2112	Industrial Engineers	1,320	1,280	-40	-3%	320	320	551
17-3013	Mechanical Drafters	430	390	-40	-9%	120	120	551
43-3061	Procurement Clerks	370	330	-40	-11%	100	100	551
43-5041	Meter Readers, Utilities	290	250	-40	-14%	90	90	551
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	230	-40	-15%	80	80	551
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	280	240	-40	-14%	80	80	551
51-6031	Sewing Machine Operators	770	730	-40	-5%	100	100	551
43-4011	Brokerage Clerks	240	190	-50	-21%	30	30	558
43-4021	Correspondence Clerks	370	320	-50	-14%	110	110	558
43-4041	Credit Authorizers, Checkers, and Clerks	760	710	-50	-7%	150	150	558
43-5021	Couriers and Messengers	510	460	-50	-10%	120	120	558
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	330	280	-50	-15%	50	50	558
51-5023	Printing Machine Operators	1,570	1,520	-50	-3%	370	370	558
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,180	1,120	-60	-5%	310	310	564
17-2011	Aerospace Engineers	450	390	-60	-13%	110	110	564
49-3093	Tire Repairers and Changers	890	830	-60	-7%	380	380	564
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	510	450	-60	-12%	90	90	564
51-4194	Tool Grinders, Filers, and Sharpeners	300	240	-60	-20%	100	100	564
51-6021	Pressers, Textile, Garment, and Related Materials	490	430	-60	-12%	80	80	564
15-1021	Computer Programmers	2,620	2,550	-70	-3%	620	620	570
17-2071	Electrical Engineers	1,090	1,020	-70	-6%	210	210	570
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	460	390	-70	-15%	110	110	570
43-2011	Switchboard Operators, Including Answering Service	2,070	2,000	-70	-3%	530	530	570
43-5052	Postal Service Mail Carriers	2,190	2,120	-70	-3%	690	690	570
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	380	310	-70	-18%	80	80	570
51-6011	Laundry and Dry-Cleaning Workers	1,770	1,700	-70	-4%	480	480	570
43-2021	Telephone Operators	120	40	-80	-67%	30	30	577
43-9041	Insurance Claims and Policy Processing Clerks	3,820	3,740	-80	-2%	620	620	577
17-2141	Mechanical Engineers	1,460	1,370	-90	-6%	400	400	579
39-6011	Baggage Porters and Bellhops	920	830	-90	-10%	240	240	579
51-4071	Foundry Mold and Coremakers	660	570	-90	-14%	160	160	579
51-3021	Butchers and Meat Cutters	560	460	-100	-18%	120	120	582
51-6052	Tailors, Dressmakers, and Custom Sewers	720	620	-100	-14%	130	130	582
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	9,360	9,250	-110	-1%	2,010	2,010	584
43-9071	Office Machine Operators, Except Computer	1,160	1,050	-110	-9%	290	290	584
49-9044	Millwrights	750	640	-110	-15%	180	180	584
51-2041	Structural Metal Fabricators and Fitters	1,540	1,430	-110	-7%	360	360	584
53-6031	Service Station Attendants	1,320	1,210	-110	-8%	590	590	584
43-5071	Shipping, Receiving, and Traffic Clerks	5,060	4,940	-120	-2%	1,040	1,040	589
51-2031	Engine and Other Machine Assemblers	720	600	-120	-17%	200	200	589

51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	740	620	-120	-16%	140	140	<b>589</b>
51-5011	Bindery Workers	490	370	-120	-24%	130	130	<b>589</b>
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,570	1,440	-130	-8%	390	390	<b>593</b>
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	810	670	-140	-17%	160	160	<b>594</b>
35-2012	Cooks, Institution and Cafeteria	2,440	2,290	-150	-6%	760	760	<b>595</b>
51-5022	Prepress Technicians and Workers	670	520	-150	-22%	160	160	<b>595</b>
53-7063	Machine Feeders and Offbearers	1,730	1,560	-170	-10%	470	470	<b>597</b>
41-2022	Parts Salespersons	1,590	1,410	-180	-11%	460	460	<b>598</b>
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,240	2,060	-180	-8%	520	520	<b>598</b>
43-4131	Loan Interviewers and Clerks	1,560	1,370	-190	-12%	210	210	<b>600</b>
43-4071	File Clerks	1,680	1,480	-200	-12%	500	500	<b>601</b>
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,700	1,490	-210	-12%	510	510	<b>602</b>
41-9022	Real Estate Sales Agents	4,410	4,180	-230	-5%	880	880	<b>603</b>
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,850	1,610	-240	-13%	490	490	<b>604</b>
51-2022	Electrical and Electronic Equipment Assemblers	940	690	-250	-27%	220	220	<b>605</b>
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	2,670	2,410	-260	-10%	700	700	<b>606</b>
43-9011	Computer Operators	1,170	900	-270	-23%	250	250	<b>607</b>
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	2,060	1,740	-320	-16%	430	430	<b>608</b>
51-4111	Tool and Die Makers	1,220	900	-320	-26%	280	280	<b>608</b>
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,660	10,330	-330	-3%	2,000	2,000	<b>610</b>
43-4151	Order Clerks	1,770	1,430	-340	-19%	400	400	<b>611</b>
43-9021	Data Entry Keyers	2,180	1,840	-340	-16%	520	520	<b>611</b>
41-9041	Telemarketers	2,740	2,390	-350	-13%	450	450	<b>613</b>
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,950	3,590	-360	-9%	900	900	<b>614</b>
51-4041	Machinists	3,980	3,550	-430	-11%	930	930	<b>615</b>
43-9022	Word Processors and Typists	1,260	820	-440	-35%	280	280	<b>616</b>
51-2092	Team Assemblers	9,350	8,100	-1,250	-13%	2,420	2,420	<b>617</b>
43-6014	Secretaries, Except Legal, Medical, and Executive	13,160	11,820	-1,340	-10%	2,520	2,520	<b>618</b>
43-5081	Stock Clerks and Order Fillers	11,730	10,140	-1,590	-14%	4,340	4,340	<b>619</b>

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 05**

Ranked by Growth Rate (Percent Change 2002-2012)  
 All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	Rank
<b>Total, All Occupations</b>		<b>896,980</b>	<b>964,350</b>	<b>67,370</b>	<b>8%</b>	<b>213,750</b>	<b>296,870</b>	
25-1063	Economics Teachers, Postsecondary	30	50	20	67%	10	20	1
25-1065	Political Science Teachers, Postsecondary	30	50	20	67%	10	20	1
29-1071	Physician Assistants	130	210	80	62%	20	90	3
31-9092	Medical Assistants	2,290	3,630	1,340	59%	420	1,770	4
25-1112	Law Teachers, Postsecondary	70	110	40	57%	20	50	5
29-2021	Dental Hygienists	660	1,030	370	56%	60	420	6
31-9091	Dental Assistants	980	1,520	540	55%	270	810	7
15-2091	Mathematical Technicians	20	30	10	50%	10	10	8
19-2032	Materials Scientists	20	30	10	50%	10	10	8
25-1032	Engineering Teachers, Postsecondary	20	30	10	50%	0	10	8
25-1054	Physics Teachers, Postsecondary	40	60	20	50%	10	30	8
25-1066	Psychology Teachers, Postsecondary	80	120	40	50%	20	50	8
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	8
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	8
25-1113	Social Work Teachers, Postsecondary	20	30	10	50%	10	10	8
25-1126	Philosophy and Religion Teachers, Postsecondary	80	120	40	50%	20	50	8
47-5081	Helpers--Extraction Workers	20	30	10	50%	10	10	8
29-2071	Medical Records and Health Information Technicians	1,110	1,630	520	47%	160	690	18
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	40	19
25-1121	Art, Drama, and Music Teachers, Postsecondary	190	270	80	42%	40	120	20
25-1081	Education Teachers, Postsecondary	240	340	100	42%	60	150	21
25-1011	Business Teachers, Postsecondary	320	450	130	41%	70	200	22
25-1042	Biological Science Teachers, Postsecondary	100	140	40	40%	20	60	23
25-1052	Chemistry Teachers, Postsecondary	50	70	20	40%	10	30	23
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	100	140	40	40%	20	60	23
39-9031	Fitness Trainers and Aerobics Instructors	1,310	1,830	520	40%	300	820	26
19-4091	Environmental Science and Protection Technicians, Including Health	230	320	90	39%	60	140	27
51-9081	Dental Laboratory Technicians	230	320	90	39%	50	130	27
25-1124	Foreign Language and Literature Teachers, Postsecondary	160	220	60	38%	40	100	29
29-1064	Obstetricians and Gynecologists	80	110	30	38%	10	30	29
21-1011	Substance Abuse and Behavioral Disorder Counselors	510	700	190	37%	120	310	31
25-1194	Vocational Education Teachers, Postsecondary	380	520	140	37%	90	220	32
25-1122	Communications Teachers, Postsecondary	110	150	40	36%	30	70	33
45-2093	Farmworkers, Farm and Ranch Animals	110	150	40	36%	30	70	33
15-1081	Network Systems and Data Communications Analysts	760	1,020	260	34%	90	350	35
25-1191	Graduate Teaching Assistants	1,700	2,280	580	34%	380	970	36
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	40	10	33%	0	10	37
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	30	40	10	33%	10	20	37
25-1123	English Language and Literature Teachers, Postsecondary	150	200	50	33%	30	90	37
27-2021	Athletes and Sports Competitors	30	40	10	33%	10	10	37
29-2054	Respiratory Therapy Technicians	180	240	60	33%	20	80	37
29-9091	Athletic Trainers	60	80	20	33%	10	30	37
31-2021	Physical Therapist Assistants	330	440	110	33%	60	170	37
49-3022	Automotive Glass Installers and Repairers	30	40	10	33%	10	10	37
51-3023	Slaughtering and Meat Packers	30	40	10	33%	10	10	37
51-9123	Painting, Coating, and Decorating Workers	330	440	110	33%	90	190	37
53-1011	Aircraft Cargo Handling Supervisors	60	80	20	33%	10	30	37
19-1022	Microbiologists	570	750	180	32%	180	350	48
21-1093	Social and Human Service Assistants	900	1,180	280	31%	160	440	49
31-2022	Physical Therapist Aides	130	170	40	31%	20	70	50
29-2031	Cardiovascular Technologists and Technicians	360	470	110	31%	70	180	51
29-1067	Surgeons	1,290	1,680	390	30%	170	560	52
23-2011	Paralegals and Legal Assistants	960	1,250	290	30%	80	360	53
31-1011	Home Health Aides	1,920	2,500	580	30%	250	830	53
13-2052	Personal Financial Advisors	500	650	150	30%	70	220	55
25-2043	Special Education Teachers, Secondary School	400	520	120	30%	100	210	55
51-9082	Medical Appliance Technicians	100	130	30	30%	20	60	55

11-3021	Computer and Information Systems Managers	1,930	2,500	570	30%	350	920	58
17-2081	Environmental Engineers	240	310	70	29%	40	120	59
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	730	940	210	29%	170	390	60
25-1021	Computer Science Teachers, Postsecondary	70	90	20	29%	20	40	61
25-1071	Health Specialties Teachers, Postsecondary	140	180	40	29%	30	80	61
47-4041	Hazardous Materials Removal Workers	280	360	80	29%	70	160	61
25-3021	Self-Enrichment Education Teachers	1,300	1,670	370	28%	160	530	64
29-1122	Occupational Therapists	600	770	170	28%	80	250	65
15-1032	Computer Software Engineers, Systems Software	1,130	1,450	320	28%	110	430	66
29-1126	Respiratory Therapists	1,060	1,360	300	28%	350	650	67
29-1063	Internists, General	750	960	210	28%	100	300	68
15-1061	Database Administrators	660	840	180	27%	70	250	69
15-1071	Network and Computer Systems Administrators	1,540	1,960	420	27%	170	600	69
25-1022	Mathematical Science Teachers, Postsecondary	110	140	30	27%	20	60	69
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	110	140	30	27%	30	50	69
15-1051	Computer Systems Analysts	4,380	5,570	1,190	27%	500	1,680	73
29-2055	Surgical Technologists	590	750	160	27%	80	230	74
11-9111	Medical and Health Services Managers	1,950	2,470	520	27%	380	900	75
29-2011	Medical and Clinical Laboratory Technologists	1,440	1,820	380	26%	390	770	76
29-1065	Pediatricians, General	190	240	50	26%	30	80	77
11-9033	Education Administrators, Postsecondary	270	340	70	26%	70	130	78
19-4021	Biological Technicians	940	1,180	240	26%	160	400	79
39-3091	Amusement and Recreation Attendants	1,100	1,380	280	25%	320	590	80
51-9111	Packaging and Filling Machine Operators and Tenders	2,460	3,080	620	25%	490	1,110	81
17-2031	Biomedical Engineers	40	50	10	25%	10	10	82
19-2043	Hydrologists	40	50	10	25%	10	10	82
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	82
25-1072	Nursing Instructors and Teachers, Postsecondary	120	150	30	25%	30	60	82
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	80	100	20	25%	20	50	82
27-4032	Film and Video Editors	40	50	10	25%	10	20	82
39-2011	Animal Trainers	40	50	10	25%	10	20	82
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	40	50	10	25%	10	10	82
47-2053	Terrazzo Workers and Finishers	40	50	10	25%	10	10	82
43-4171	Receptionists and Information Clerks	7,450	9,280	1,830	25%	1,830	3,660	91
43-4111	Interviewers, Except Eligibility and Loan	1,170	1,450	280	24%	300	580	92
29-1062	Family and General Practitioners	1,020	1,260	240	24%	140	380	93
19-2031	Chemists	1,000	1,230	230	23%	330	560	94
29-1123	Physical Therapists	830	1,020	190	23%	80	270	95
17-3031	Surveying and Mapping Technicians	920	1,130	210	23%	340	540	96
25-2012	Kindergarten Teachers, Except Special Education	660	810	150	23%	80	220	97
29-2012	Medical and Clinical Laboratory Technicians	750	920	170	23%	200	370	98
15-1011	Computer and Information Scientists, Research	90	110	20	22%	10	20	99
25-2042	Special Education Teachers, Middle School	360	440	80	22%	90	170	99
29-1066	Psychiatrists	90	110	20	22%	10	30	99
43-6013	Medical Secretaries	4,740	5,780	1,040	22%	910	1,940	102
15-1031	Computer Software Engineers, Applications	1,370	1,670	300	22%	140	430	103
29-1051	Pharmacists	1,610	1,960	350	22%	310	660	104
21-1023	Mental Health and Substance Abuse Social Workers	280	340	60	21%	50	110	105
33-3021	Detectives and Criminal Investigators	280	340	60	21%	80	140	105
51-9011	Chemical Equipment Operators and Tenders	2,710	3,290	580	21%	870	1,440	107
19-1021	Biochemists and Biophysicists	610	740	130	21%	190	320	108
43-6012	Legal Secretaries	2,030	2,460	430	21%	390	830	109
29-1127	Speech-Language Pathologists	620	750	130	21%	150	290	110
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,180	20,770	3,590	21%	7,450	11,040	111
11-9032	Education Administrators, Elementary and Secondary School	820	990	170	21%	210	370	112
47-2121	Glaziers	580	700	120	21%	120	240	113
29-1111	Registered Nurses	14,900	17,980	3,080	21%	3,120	6,200	114
47-2051	Cement Masons and Concrete Finishers	1,490	1,790	300	20%	300	600	115
29-1124	Radiation Therapists	100	120	20	20%	20	40	116
29-2033	Nuclear Medicine Technologists	100	120	20	20%	20	40	116
33-3011	Bailiffs	50	60	10	20%	10	20	116
33-9011	Animal Control Workers	50	60	10	20%	40	40	116
43-4121	Library Assistants, Clerical	300	360	60	20%	120	180	116
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	50	60	10	20%	10	20	116
39-9021	Personal and Home Care Aides	2,560	3,070	510	20%	410	930	122
33-3051	Police and Sheriff's Patrol Officers	3,220	3,860	640	20%	830	1,470	123
27-3031	Public Relations Specialists	1,170	1,400	230	20%	170	390	124
25-9041	Teacher Assistants	6,270	7,490	1,220	19%	1,210	2,430	125
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	620	740	120	19%	160	280	126
29-2051	Dietetic Technicians	160	190	30	19%	20	50	127
31-2011	Occupational Therapist Assistants	160	190	30	19%	20	50	127

15-1041	Computer Support Specialists	3,150	3,740	590	19%	390	980	129
27-2022	Coaches and Scouts	1,020	1,210	190	19%	200	390	130
11-3071	Transportation, Storage, and Distribution Managers	760	900	140	18%	150	290	131
43-3011	Bill and Account Collectors	2,940	3,480	540	18%	550	1,090	132
11-2022	Sales Managers	2,070	2,450	380	18%	380	760	133
23-1011	Lawyers	3,230	3,820	590	18%	420	1,000	134
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,340	3,950	610	18%	940	1,550	135
17-2061	Computer Hardware Engineers	110	130	20	18%	20	40	136
47-2082	Tapers	110	130	20	18%	30	40	136
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	390	460	70	18%	50	120	138
11-9151	Social and Community Service Managers	730	860	130	18%	140	270	139
29-2081	Opticians, Dispensing	730	860	130	18%	130	260	139
53-3041	Taxi Drivers and Chauffeurs	1,070	1,260	190	18%	100	290	141
31-9011	Massage Therapists	170	200	30	18%	30	60	142
25-2011	Preschool Teachers, Except Special Education	2,000	2,350	350	18%	240	590	143
33-3012	Correctional Officers and Jailers	1,890	2,220	330	17%	390	720	144
25-9031	Instructional Coordinators	230	270	40	17%	40	80	145
33-2011	Fire Fighters	1,620	1,900	280	17%	470	740	146
13-1073	Training and Development Specialists	1,160	1,360	200	17%	180	380	147
53-7032	Excavating and Loading Machine and Dragline Operators	830	970	140	17%	230	360	148
19-1042	Medical Scientists, Except Epidemiologists	360	420	60	17%	60	120	149
29-2032	Diagnostic Medical Sonographers	240	280	40	17%	50	80	149
29-2034	Radiologic Technologists and Technicians	1,080	1,260	180	17%	200	380	149
39-6012	Concierges	60	70	10	17%	20	20	149
39-6031	Flight Attendants	300	350	50	17%	40	90	149
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	60	70	10	17%	20	20	149
49-3051	Motorboat Mechanics	120	140	20	17%	30	40	149
49-3091	Bicycle Repairers	60	70	10	17%	30	30	149
29-2052	Pharmacy Technicians	2,190	2,550	360	16%	290	640	157
21-1022	Medical and Public Health Social Workers	550	640	90	16%	90	190	158
31-1012	Nursing Aides, Orderlies, and Attendants	7,890	9,180	1,290	16%	1,030	2,330	159
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	370	430	60	16%	150	210	160
37-3011	Landscaping and Groundskeeping Workers	5,780	6,710	930	16%	1,260	2,190	161
17-3026	Industrial Engineering Technicians	700	810	110	16%	150	250	162
11-9031	Education Administrators, Preschool and Child Care Center/Program	320	370	50	16%	80	130	163
31-9094	Medical Transcriptionists	840	970	130	15%	160	290	164
39-2021	Nonfarm Animal Caretakers	780	900	120	15%	190	320	165
35-3031	Waiters and Waitresses	13,940	16,070	2,130	15%	7,170	9,310	166
29-2056	Veterinary Technologists and Technicians	400	460	60	15%	50	110	167
47-2044	Tile and Marble Setters	200	230	30	15%	30	60	167
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,000	2,300	300	15%	270	570	167
13-2082	Tax Preparers	410	470	60	15%	70	120	170
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	410	470	60	15%	80	140	170
27-4011	Audio and Video Equipment Technicians	480	550	70	15%	120	180	172
25-2021	Elementary School Teachers, Except Special Education	6,860	7,860	1,000	15%	1,510	2,520	173
19-3031	Clinical, Counseling, and School Psychologists	550	630	80	15%	120	200	174
13-2072	Loan Officers	1,450	1,660	210	14%	230	440	175
13-1061	Emergency Management Specialists	140	160	20	14%	30	60	176
13-2071	Loan Counselors	70	80	10	14%	10	20	176
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	490	560	70	14%	90	160	176
39-4021	Funeral Attendants	210	240	30	14%	40	70	176
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	70	80	10	14%	20	20	176
49-3052	Motorcycle Mechanics	70	80	10	14%	20	20	176
27-1024	Graphic Designers	1,210	1,380	170	14%	160	340	182
35-1011	Chefs and Head Cooks	500	570	70	14%	150	220	183
35-2021	Food Preparation Workers	6,100	6,950	850	14%	2,160	3,000	184
53-3032	Truck Drivers, Heavy and Tractor-Trailer	14,070	16,020	1,950	14%	2,300	4,240	185
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,190	2,490	300	14%	700	1,000	186
43-4051	Customer Service Representatives	12,840	14,590	1,750	14%	1,910	3,660	187
27-3043	Writers and Authors	590	670	80	14%	100	180	188
49-9052	Telecommunications Line Installers and Repairers	370	420	50	14%	100	150	189
27-2012	Producers and Directors	520	590	70	13%	80	150	190
27-2032	Choreographers	150	170	20	13%	90	110	191
27-4012	Broadcast Technicians	150	170	20	13%	40	50	191
17-1011	Architects, Except Landscape and Naval	680	770	90	13%	80	170	193
51-9196	Paper Goods Machine Setters, Operators, and Tenders	530	600	70	13%	110	190	194
53-2021	Air Traffic Controllers	530	600	70	13%	140	200	194
35-2014	Cooks, Restaurant	4,710	5,330	620	13%	1,460	2,070	196
49-9062	Medical Equipment Repairers	380	430	50	13%	110	150	197
53-2011	Airline Pilots, Copilots, and Flight Engineers	380	430	50	13%	100	150	197
21-1021	Child, Family, and School Social Workers	1,300	1,470	170	13%	220	390	199

11-2031	Public Relations Managers	460	520	60	13%	80	140	<b>200</b>
47-2081	Drywall and Ceiling Tile Installers	770	870	100	13%	170	260	<b>201</b>
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1,080	1,220	140	13%	100	250	<b>202</b>
19-3021	Market Research Analysts	700	790	90	13%	180	270	<b>203</b>
13-1072	Compensation, Benefits, and Job Analysis Specialists	470	530	60	13%	70	130	<b>204</b>
17-3023	Electrical and Electronic Engineering Technicians	1,180	1,330	150	13%	250	400	<b>205</b>
21-1014	Mental Health Counselors	240	270	30	13%	60	80	<b>206</b>
27-4014	Sound Engineering Technicians	80	90	10	13%	20	30	<b>206</b>
29-1041	Optometrists	240	270	30	13%	70	100	<b>206</b>
31-9093	Medical Equipment Preparers	160	180	20	13%	30	50	<b>206</b>
39-5094	Skin Care Specialists	80	90	10	13%	20	20	<b>206</b>
39-9041	Residential Advisors	320	360	40	13%	70	110	<b>206</b>
43-3041	Gaming Cage Workers	80	90	10	13%	40	50	<b>206</b>
43-9031	Desktop Publishers	240	270	30	13%	60	80	<b>206</b>
47-2130	Insulation Workers	80	90	10	13%	30	30	<b>206</b>
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	80	90	10	13%	30	40	<b>206</b>
47-4031	Fence Erectors	240	270	30	13%	40	70	<b>206</b>
49-3092	Recreational Vehicle Service Technicians	80	90	10	13%	30	50	<b>206</b>
51-9083	Ophthalmic Laboratory Technicians	160	180	20	13%	30	60	<b>206</b>
53-2022	Airfield Operations Specialists	160	180	20	13%	40	60	<b>206</b>
53-6021	Parking Lot Attendants	960	1,080	120	13%	280	410	<b>206</b>
29-2061	Licensed Practical and Licensed Vocational Nurses	4,950	5,560	610	12%	1,080	1,690	<b>221</b>
13-2051	Financial Analysts	900	1,010	110	12%	130	240	<b>222</b>
33-1012	First-Line Supervisors/Managers of Police and Detectives	580	650	70	12%	190	260	<b>223</b>
25-4031	Library Technicians	750	840	90	12%	280	370	<b>224</b>
53-7064	Packers and Packagers, Hand	9,540	10,680	1,140	12%	1,790	2,930	<b>225</b>
13-1051	Cost Estimators	1,610	1,800	190	12%	360	550	<b>226</b>
11-3040	Human Resources Managers	1,110	1,240	130	12%	190	320	<b>227</b>
13-1071	Employment, Recruitment, and Placement Specialists	1,370	1,530	160	12%	210	370	<b>228</b>
47-2041	Carpet Installers	260	290	30	12%	40	70	<b>229</b>
13-1032	Insurance Appraisers, Auto Damage	350	390	40	11%	40	80	<b>230</b>
51-8031	Water and Liquid Waste Treatment Plant and System Operators	530	590	60	11%	180	250	<b>231</b>
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	14,200	15,800	1,600	11%	2,700	4,290	<b>232</b>
13-1021	Purchasing Agents and Buyers, Farm Products	90	100	10	11%	30	50	<b>233</b>
17-1012	Landscape Architects	90	100	10	11%	10	30	<b>233</b>
17-3025	Environmental Engineering Technicians	90	100	10	11%	20	30	<b>233</b>
39-5092	Manicurists and Pedicurists	90	100	10	11%	20	30	<b>233</b>
45-2041	Graders and Sorters, Agricultural Products	90	100	10	11%	20	30	<b>233</b>
45-2091	Agricultural Equipment Operators	90	100	10	11%	30	30	<b>233</b>
29-2041	Emergency Medical Technicians and Paramedics	1,010	1,120	110	11%	120	230	<b>239</b>
29-1020	Dentists	830	920	90	11%	140	230	<b>240</b>
33-1011	First-Line Supervisors/Managers of Correctional Officers	370	410	40	11%	110	150	<b>241</b>
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,150	3,490	340	11%	2,060	2,390	<b>242</b>
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,120	1,240	120	11%	240	360	<b>243</b>
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5,910	6,540	630	11%	1,010	1,640	<b>244</b>
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	6,330	7,000	670	11%	1,510	2,170	<b>245</b>
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,930	2,130	200	10%	220	430	<b>246</b>
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,230	2,460	230	10%	270	500	<b>247</b>
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,150	2,370	220	10%	720	940	<b>248</b>
49-9043	Maintenance Workers, Machinery	490	540	50	10%	110	170	<b>249</b>
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	590	650	60	10%	130	190	<b>250</b>
13-1111	Management Analysts	4,200	4,620	420	10%	580	990	<b>251</b>
13-2021	Appraisers and Assessors of Real Estate	500	550	50	10%	110	160	<b>251</b>
21-1092	Probation Officers and Correctional Treatment Specialists	600	660	60	10%	110	160	<b>251</b>
29-1031	Dietitians and Nutritionists	300	330	30	10%	80	110	<b>251</b>
29-1121	Audiologists	100	110	10	10%	20	30	<b>251</b>
47-4011	Construction and Building Inspectors	400	440	40	10%	90	130	<b>251</b>
11-3011	Administrative Services Managers	1,310	1,440	130	10%	260	380	<b>257</b>
47-3012	Helpers--Carpenters	610	670	60	10%	250	310	<b>258</b>
25-2022	Middle School Teachers, Except Special and Vocational Education	2,360	2,590	230	10%	520	750	<b>259</b>
39-9032	Recreation Workers	1,650	1,810	160	10%	380	540	<b>260</b>
31-1013	Psychiatric Aides	310	340	30	10%	40	70	<b>261</b>
47-2073	Operating Engineers and Other Construction Equipment Operators	1,860	2,040	180	10%	480	670	<b>261</b>
17-2072	Electronics Engineers, Except Computer	420	460	40	10%	80	130	<b>263</b>
11-2021	Marketing Managers	950	1,040	90	9%	180	260	<b>264</b>
11-3031	Financial Managers	2,850	3,120	270	9%	410	690	<b>264</b>
43-4081	Hotel, Motel, and Resort Desk Clerks	850	930	80	9%	380	460	<b>266</b>
11-9011	Farm, Ranch, and Other Agricultural Managers	320	350	30	9%	60	90	<b>267</b>
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,730	4,070	340	9%	980	1,320	<b>268</b>
25-2023	Vocational Education Teachers, Middle School	110	120	10	9%	20	30	<b>269</b>
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	110	120	10	9%	30	40	<b>269</b>

51-3093	Food Cooking Machine Operators and Tenders	110	120	10	9%	20	40	269
53-7051	Industrial Truck and Tractor Operators	5,400	5,890	490	9%	1,020	1,520	272
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,340	1,460	120	9%	320	430	273
49-9098	Helpers--Installation, Maintenance, and Repair Workers	900	980	80	9%	310	380	274
19-2041	Environmental Scientists and Specialists, Including Health	340	370	30	9%	60	100	275
41-2021	Counter and Rental Clerks	2,860	3,110	250	9%	1,100	1,350	276
11-2011	Advertising and Promotions Managers	470	510	40	9%	90	130	277
53-7081	Refuse and Recyclable Material Collectors	470	510	40	9%	120	160	277
13-2041	Credit Analysts	950	1,030	80	8%	150	220	279
21-1012	Educational, Vocational, and School Counselors	950	1,030	80	8%	220	300	279
47-2061	Construction Laborers	5,500	5,960	460	8%	730	1,190	281
13-2031	Budget Analysts	240	260	20	8%	40	60	282
47-2171	Reinforcing Iron and Rebar Workers	120	130	10	8%	20	30	282
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	120	130	10	8%	10	20	282
53-7121	Tank Car, Truck, and Ship Loaders	240	260	20	8%	70	90	282
25-4021	Librarians	1,090	1,180	90	8%	260	350	286
11-1021	General and Operations Managers	11,760	12,730	970	8%	2,220	3,180	287
17-2041	Chemical Engineers	370	400	30	8%	110	140	288
43-4031	Court, Municipal, and License Clerks	370	400	30	8%	80	110	288
47-2221	Structural Iron and Steel Workers	370	400	30	8%	70	100	288
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4,110	4,440	330	8%	1,030	1,370	291
53-3033	Truck Drivers, Light or Delivery Services	5,640	6,090	450	8%	520	970	292
11-1011	Chief Executives	2,570	2,770	200	8%	490	690	293
49-9042	Maintenance and Repair Workers, General	8,520	9,180	660	8%	1,640	2,300	294
21-2011	Clergy	130	140	10	8%	30	30	295
23-2091	Court Reporters	130	140	10	8%	20	20	295
29-9010	Occupational Health and Safety Specialists and Technicians	520	560	40	8%	110	150	295
41-9011	Demonstrators and Product Promoters	520	560	40	8%	110	160	295
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	260	280	20	8%	60	90	295
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,930	11,770	840	8%	2,870	3,710	300
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,180	1,270	90	8%	260	340	301
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,590	1,710	120	8%	380	500	302
21-1015	Rehabilitation Counselors	400	430	30	8%	90	120	303
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,540	2,730	190	7%	650	850	304
27-2031	Dancers	540	580	40	7%	330	370	305
47-2151	Pipelayers	270	290	20	7%	60	90	305
47-2111	Electricians	4,750	5,100	350	7%	940	1,280	307
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,090	1,170	80	7%	230	310	308
11-9051	Food Service Managers	1,680	1,800	120	7%	280	390	309
15-2011	Actuaries	140	150	10	7%	60	70	309
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	140	150	10	7%	30	50	309
47-2022	Stonemasons	140	150	10	7%	20	30	309
51-3092	Food Batchmakers	420	450	30	7%	100	140	309
53-2012	Commercial Pilots	140	150	10	7%	40	50	309
11-9021	Construction Managers	2,410	2,580	170	7%	440	610	315
41-3021	Insurance Sales Agents	2,440	2,610	170	7%	580	760	316
13-1031	Claims Adjusters, Examiners, and Investigators	2,880	3,080	200	7%	360	560	317
11-9141	Property, Real Estate, and Community Association Managers	2,320	2,480	160	7%	430	590	318
27-1025	Interior Designers	580	620	40	7%	80	120	318
47-2071	Paving, Surfacing, and Tamping Equipment Operators	290	310	20	7%	40	70	318
21-1091	Health Educators	440	470	30	7%	80	110	321
49-9051	Electrical Power-Line Installers and Repairers	440	470	30	7%	140	170	321
51-3011	Bakers	1,480	1,580	100	7%	340	440	323
13-2061	Financial Examiners	150	160	10	7%	40	40	324
27-3020	News Analysts, Reporters and Correspondents	300	320	20	7%	70	90	324
27-4031	Camera Operators, Television, Video, and Motion Picture	150	160	10	7%	30	40	324
53-3022	Bus Drivers, School	4,380	4,670	290	7%	950	1,240	327
49-3023	Automotive Service Technicians and Mechanics	5,330	5,680	350	7%	1,420	1,770	328
31-9095	Pharmacy Aides	920	980	60	7%	170	230	329
39-9011	Child Care Workers	3,680	3,920	240	7%	1,000	1,240	329
25-2032	Vocational Education Teachers, Secondary School	470	500	30	6%	130	170	331
27-3042	Technical Writers	470	500	30	6%	140	170	331
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	160	170	10	6%	30	50	333
37-2021	Pest Control Workers	160	170	10	6%	20	40	333
47-2161	Plasterers and Stucco Masons	160	170	10	6%	30	40	333
49-3011	Aircraft Mechanics and Service Technicians	960	1,020	60	6%	230	280	333
51-4061	Model Makers, Metal and Plastic	160	170	10	6%	50	60	333
33-9032	Security Guards	7,270	7,720	450	6%	1,580	2,030	338
43-5011	Cargo and Freight Agents	980	1,040	60	6%	220	280	339
43-5031	Police, Fire, and Ambulance Dispatchers	330	350	20	6%	70	90	340
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	170	180	10	6%	30	50	341

19-3022	Survey Researchers	170	180	10	6%	40	60	341
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Oper	2,250	2,380	130	6%	530	660	343
51-7011	Cabinetmakers and Bench Carpenters	870	920	50	6%	220	270	344
47-2181	Roofers	1,050	1,110	60	6%	240	310	345
47-2211	Sheet Metal Workers	2,140	2,260	120	6%	510	630	346
29-1011	Chiropractors	360	380	20	6%	70	90	347
13-2011	Accountants and Auditors	8,220	8,670	450	5%	1,550	2,000	348
11-9121	Natural Sciences Managers	750	790	40	5%	150	180	349
27-3041	Editors	940	990	50	5%	230	280	350
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	190	200	10	5%	50	50	351
47-4051	Highway Maintenance Workers	570	600	30	5%	80	110	351
41-3011	Advertising Sales Agents	1,160	1,220	60	5%	220	290	353
13-2053	Insurance Underwriters	990	1,040	50	5%	180	230	354
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,600	1,680	80	5%	400	480	355
33-9091	Crossing Guards	200	210	10	5%	60	80	355
53-7041	Hoist and Winch Operators	200	210	10	5%	70	70	355
53-3021	Bus Drivers, Transit and Intercity	410	430	20	5%	90	110	358
35-2015	Cooks, Short Order	2,120	2,220	100	5%	660	750	359
37-2012	Maids and Housekeeping Cleaners	5,090	5,330	240	5%	1,070	1,310	360
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,510	1,580	70	5%	430	500	361
43-9061	Office Clerks, General	15,000	15,690	690	5%	3,320	4,010	362
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	660	690	30	5%	150	190	363
47-3013	Helpers--Electricians	450	470	20	4%	190	200	364
53-7021	Crane and Tower Operators	230	240	10	4%	50	60	365
47-2031	Carpenters	8,490	8,850	360	4%	1,380	1,750	366
35-9021	Dishwashers	2,380	2,480	100	4%	800	910	367
47-2021	Brickmasons and Blockmasons	1,430	1,490	60	4%	210	280	368
19-4031	Chemical Technicians	480	500	20	4%	120	140	369
33-2021	Fire Inspectors and Investigators	240	250	10	4%	70	80	369
41-9031	Sales Engineers	490	510	20	4%	150	160	371
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	490	510	20	4%	100	120	371
43-3021	Billing and Posting Clerks and Machine Operators	3,720	3,870	150	4%	630	780	373
47-2152	Plumbers, Pipefitters, and Steamfitters	4,220	4,390	170	4%	970	1,140	374
13-1121	Meeting and Convention Planners	260	270	10	4%	60	70	375
17-2051	Civil Engineers	1,340	1,390	50	4%	210	260	376
41-2031	Retail Salespersons	25,230	26,170	940	4%	9,170	10,110	377
51-4052	Pourers and Casters, Metal	280	290	10	4%	60	70	378
47-2141	Painters, Construction and Maintenance	3,650	3,780	130	4%	560	690	379
49-3021	Automotive Body and Related Repairers	1,340	1,380	40	3%	270	310	380
27-1021	Commercial and Industrial Designers	340	350	10	3%	50	60	381
49-9041	Industrial Machinery Mechanics	1,020	1,050	30	3%	210	230	381
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	760	780	20	3%	170	190	383
29-2053	Psychiatric Technicians	830	850	20	2%	110	120	384
51-4121	Welders, Cutters, Solderers, and Brazers	2,240	2,290	50	2%	630	690	385
29-1131	Veterinarians	450	460	10	2%	110	120	386
35-2011	Cooks, Fast Food	2,700	2,760	60	2%	840	900	386
13-2081	Tax Examiners, Collectors, and Revenue Agents	470	480	10	2%	110	120	388
41-2011	Cashiers	20,330	20,760	430	2%	9,890	10,320	389
11-9041	Engineering Managers	950	970	20	2%	190	210	390
35-3011	Bartenders	3,450	3,520	70	2%	1,360	1,440	391
17-3022	Civil Engineering Technicians	500	510	10	2%	110	110	392
35-3041	Food Servers, Nonrestaurant	1,960	1,990	30	2%	660	690	393
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	800	810	10	1%	210	220	394
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	11,050	11,170	120	1%	1,990	2,100	395
43-5061	Production, Planning, and Expediting Clerks	2,570	2,590	20	1%	620	650	396
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,480	5,520	40	1%	1,150	1,190	397
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	16,430	16,530	100	1%	5,370	5,470	398
43-6011	Executive Secretaries and Administrative Assistants	7,510	7,530	20	0%	1,440	1,460	399
11-3051	Industrial Production Managers	860	860	0	0%	170	170	400
11-9061	Funeral Directors	140	140	0	0%	40	40	400
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	400
15-2041	Statisticians	130	130	0	0%	40	40	400
17-1021	Cartographers and Photogrammetrists	20	20	0	0%	10	10	400
17-1022	Surveyors	480	480	0	0%	160	160	400
17-3024	Electro-Mechanical Technicians	80	80	0	0%	20	20	400
17-3027	Mechanical Engineering Technicians	160	160	0	0%	30	40	400
19-1010	Agricultural and Food Scientists	130	130	0	0%	20	20	400
19-1031	Conservation Scientists	30	30	0	0%	10	10	400
19-1032	Foresters	20	20	0	0%	10	10	400
19-2012	Physicists	20	20	0	0%	10	10	400
19-2021	Atmospheric and Space Scientists	20	20	0	0%	10	10	400

19-2042	Geoscientists, Except Hydrologists and Geographers	70	70	0	0%	10	10	400
19-3011	Economists	30	30	0	0%	10	10	400
19-3051	Urban and Regional Planners	140	140	0	0%	50	50	400
19-4041	Geological and Petroleum Technicians	20	20	0	0%	10	10	400
19-4092	Forensic Science Technicians	50	50	0	0%	10	20	400
21-1013	Marriage and Family Therapists	130	130	0	0%	30	30	400
23-1022	Arbitrators, Mediators, and Conciliators	50	50	0	0%	10	10	400
23-1023	Judges, Magistrate Judges, and Magistrates	130	130	0	0%	20	20	400
23-2093	Title Examiners, Abstractors, and Searchers	300	300	0	0%	30	30	400
25-4010	Archivists, Curators, and Museum Technicians	140	140	0	0%	30	30	400
27-1011	Art Directors	270	270	0	0%	60	60	400
27-1014	Multi-Media Artists and Animators	330	330	0	0%	70	80	400
27-1027	Set and Exhibit Designers	20	20	0	0%	0	0	400
27-2011	Actors	70	70	0	0%	10	10	400
27-2023	Umpires, Referees, and Other Sports Officials	80	80	0	0%	10	20	400
27-2042	Musicians and Singers	340	340	0	0%	70	80	400
27-3091	Interpreters and Translators	30	30	0	0%	0	10	400
29-1081	Podiatrists	90	90	0	0%	20	20	400
29-1125	Recreational Therapists	160	160	0	0%	40	40	400
29-2091	Orthotists and Prosthetists	40	40	0	0%	10	10	400
33-3041	Parking Enforcement Workers	40	40	0	0%	10	10	400
33-9021	Private Detectives and Investigators	150	150	0	0%	30	40	400
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	400
39-3031	Ushers, Lobby Attendants, and Ticket Takers	860	860	0	0%	490	490	400
39-3092	Costume Attendants	30	30	0	0%	10	10	400
39-4011	Embalmers	30	30	0	0%	10	10	400
39-5093	Shampooers	60	60	0	0%	10	10	400
39-6022	Travel Guides	20	20	0	0%	10	10	400
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	4,000	4,000	0	0%	750	760	400
43-3071	Tellers	2,990	2,990	0	0%	1,470	1,470	400
43-4141	New Accounts Clerks	360	360	0	0%	90	100	400
45-4021	Fallers	40	40	0	0%	10	10	400
45-4022	Logging Equipment Operators	30	30	0	0%	10	10	400
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	400
47-2011	Boilermakers	20	20	0	0%	10	10	400
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	250	250	0	0%	40	40	400
47-2142	Paperhangers	160	160	0	0%	20	20	400
47-3016	Helpers--Roofers	80	80	0	0%	30	40	400
47-4021	Elevator Installers and Repairers	310	310	0	0%	80	80	400
47-5021	Earth Drillers, Except Oil and Gas	90	90	0	0%	20	20	400
47-5041	Continuous Mining Machine Operators	40	40	0	0%	10	10	400
49-2091	Avionics Technicians	130	130	0	0%	30	30	400
49-2092	Electric Motor, Power Tool, and Related Repairers	160	160	0	0%	40	40	400
49-2098	Security and Fire Alarm Systems Installers	350	350	0	0%	70	70	400
49-3041	Farm Equipment Mechanics	90	90	0	0%	20	20	400
49-3043	Rail Car Repairers	20	20	0	0%	0	10	400
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	80	80	0	0%	20	20	400
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	110	110	0	0%	30	30	400
49-9063	Musical Instrument Repairers and Tuners	90	90	0	0%	30	30	400
49-9064	Watch Repairers	20	20	0	0%	10	10	400
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	400
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	70	70	0	0%	20	20	400
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	80	80	0	0%	20	30	400
51-4051	Metal-Refining Furnace Operators and Tenders	130	130	0	0%	30	30	400
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	80	80	0	0%	20	20	400
51-7021	Furniture Finishers	130	130	0	0%	30	30	400
51-8011	Nuclear Power Reactor Operators	40	40	0	0%	10	10	400
51-8021	Stationary Engineers and Boiler Operators	210	210	0	0%	40	40	400
51-8092	Gas Plant Operators	60	60	0	0%	20	20	400
51-9022	Grinding and Polishing Workers, Hand	180	180	0	0%	50	50	400
51-9031	Cutters and Trimmers, Hand	80	80	0	0%	20	20	400
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	150	150	0	0%	40	40	400
51-9122	Painters, Transportation Equipment	430	430	0	0%	110	110	400
51-9194	Etchers and Engravers	40	40	0	0%	10	10	400
51-9197	Tire Builders	60	60	0	0%	10	10	400
53-7011	Conveyor Operators and Tenders	830	830	0	0%	240	240	400
53-7033	Loading Machine Operators, Underground Mining	40	40	0	0%	10	10	400
53-3031	Driver/Sales Workers	3,300	3,280	-20	-1%	540	540	480
17-3011	Architectural and Civil Drafters	900	890	-10	-1%	250	250	481
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	9,360	9,250	-110	-1%	2,010	2,010	482
53-7061	Cleaners of Vehicles and Equipment	2,220	2,190	-30	-1%	770	770	483

39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,150	2,120	-30	-1%	410	410	<b>484</b>
51-9198	Helpers--Production Workers	2,110	2,080	-30	-1%	590	590	<b>485</b>
43-3051	Payroll and Timekeeping Clerks	1,330	1,310	-20	-2%	350	350	<b>486</b>
27-1023	Floral Designers	550	540	-10	-2%	70	70	<b>487</b>
43-9041	Insurance Claims and Policy Processing Clerks	3,820	3,740	-80	-2%	620	620	<b>488</b>
49-9031	Home Appliance Repairers	470	460	-10	-2%	110	110	<b>489</b>
43-5051	Postal Service Clerks	460	450	-10	-2%	120	120	<b>490</b>
41-3041	Travel Agents	1,330	1,300	-30	-2%	300	300	<b>491</b>
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	880	860	-20	-2%	290	290	<b>492</b>
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	860	840	-20	-2%	140	140	<b>493</b>
43-5071	Shipping, Receiving, and Traffic Clerks	5,060	4,940	-120	-2%	1,040	1,040	<b>494</b>
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,210	1,180	-30	-2%	300	300	<b>495</b>
11-1031	Legislators	390	380	-10	-3%	50	50	<b>496</b>
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	380	-10	-3%	110	110	<b>496</b>
27-4021	Photographers	760	740	-20	-3%	150	150	<b>498</b>
15-1021	Computer Programmers	2,620	2,550	-70	-3%	620	620	<b>499</b>
51-5021	Job Printers	370	360	-10	-3%	90	90	<b>500</b>
17-2112	Industrial Engineers	1,320	1,280	-40	-3%	320	320	<b>501</b>
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,660	10,330	-330	-3%	2,000	2,000	<b>502</b>
51-5023	Printing Machine Operators	1,570	1,520	-50	-3%	370	370	<b>503</b>
43-5052	Postal Service Mail Carriers	2,190	2,120	-70	-3%	690	690	<b>504</b>
15-2031	Operations Research Analysts	310	300	-10	-3%	70	70	<b>505</b>
43-2011	Switchboard Operators, Including Answering Service	2,070	2,000	-70	-3%	530	530	<b>506</b>
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	290	280	-10	-3%	70	70	<b>507</b>
11-9081	Lodging Managers	280	270	-10	-4%	50	50	<b>508</b>
51-8091	Chemical Plant and System Operators	540	520	-20	-4%	170	170	<b>509</b>
51-6011	Laundry and Dry-Cleaning Workers	1,770	1,700	-70	-4%	480	480	<b>510</b>
11-3061	Purchasing Managers	440	420	-20	-5%	100	100	<b>511</b>
27-1026	Merchandise Displayers and Window Trimmers	220	210	-10	-5%	30	30	<b>511</b>
51-9191	Cementing and Gluing Machine Operators and Tenders	210	200	-10	-5%	60	60	<b>513</b>
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,180	1,120	-60	-5%	310	310	<b>514</b>
51-6031	Sewing Machine Operators	770	730	-40	-5%	100	100	<b>515</b>
41-9022	Real Estate Sales Agents	4,410	4,180	-230	-5%	880	880	<b>516</b>
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	570	540	-30	-5%	240	240	<b>517</b>
51-9132	Photographic Processing Machine Operators	190	180	-10	-5%	50	50	<b>517</b>
39-6021	Tour Guides and Escorts	360	340	-20	-6%	100	100	<b>519</b>
53-6051	Transportation Inspectors	170	160	-10	-6%	40	40	<b>520</b>
27-3010	Announcers	490	460	-30	-6%	130	130	<b>521</b>
35-2012	Cooks, Institution and Cafeteria	2,440	2,290	-150	-6%	760	760	<b>522</b>
17-2141	Mechanical Engineers	1,460	1,370	-90	-6%	400	400	<b>523</b>
19-4011	Agricultural and Food Science Technicians	160	150	-10	-6%	30	30	<b>524</b>
43-9081	Proofreaders and Copy Markers	160	150	-10	-6%	30	30	<b>524</b>
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	160	150	-10	-6%	40	40	<b>524</b>
51-4012	Numerical Tool and Process Control Programmers	160	150	-10	-6%	30	30	<b>524</b>
17-2071	Electrical Engineers	1,090	1,020	-70	-6%	210	210	<b>528</b>
43-4041	Credit Authorizers, Checkers, and Clerks	760	710	-50	-7%	150	150	<b>529</b>
51-2023	Electromechanical Equipment Assemblers	300	280	-20	-7%	70	70	<b>530</b>
49-3093	Tire Repairers and Changers	890	830	-60	-7%	380	380	<b>531</b>
23-2092	Law Clerks	290	270	-20	-7%	30	30	<b>532</b>
51-2041	Structural Metal Fabricators and Fitters	1,540	1,430	-110	-7%	360	360	<b>533</b>
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	410	380	-30	-7%	170	170	<b>534</b>
47-2043	Floor Sanders and Finishers	130	120	-10	-8%	20	20	<b>535</b>
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	130	120	-10	-8%	30	30	<b>535</b>
51-6051	Sewers, Hand	130	120	-10	-8%	20	20	<b>535</b>
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	390	360	-30	-8%	100	100	<b>535</b>
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,240	2,060	-180	-8%	520	520	<b>539</b>
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,570	1,440	-130	-8%	390	390	<b>540</b>
39-5011	Barbers	120	110	-10	-8%	30	30	<b>541</b>
51-9071	Jewelers and Precious Stone and Metal Workers	120	110	-10	-8%	20	20	<b>541</b>
53-6031	Service Station Attendants	1,320	1,210	-110	-8%	590	590	<b>541</b>
17-2131	Materials Engineers	110	100	-10	-9%	30	30	<b>544</b>
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,950	3,590	-360	-9%	900	900	<b>545</b>
17-3013	Mechanical Drafters	430	390	-40	-9%	120	120	<b>546</b>
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	320	290	-30	-9%	80	80	<b>547</b>
43-9071	Office Machine Operators, Except Computer	1,160	1,050	-110	-9%	290	290	<b>548</b>
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	2,670	2,410	-260	-10%	700	700	<b>549</b>
39-6011	Baggage Porters and Bellhops	920	830	-90	-10%	240	240	<b>550</b>
43-5021	Couriers and Messengers	510	460	-50	-10%	120	120	<b>551</b>
53-7063	Machine Feeders and Offbearers	1,730	1,560	-170	-10%	470	470	<b>552</b>
41-9021	Real Estate Brokers	300	270	-30	-10%	60	60	<b>553</b>
43-9111	Statistical Assistants	100	90	-10	-10%	20	20	<b>553</b>

49-9094	Locksmiths and Safe Repairers	100	90	-10	-10%	30	30	553
51-8012	Power Distributors and Dispatchers	100	90	-10	-10%	30	30	553
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	100	90	-10	-10%	30	30	553
43-6014	Secretaries, Except Legal, Medical, and Executive	13,160	11,820	-1,340	-10%	2,520	2,520	558
51-6093	Upholsterers	190	170	-20	-11%	50	50	559
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	190	170	-20	-11%	50	50	559
51-4041	Machinists	3,980	3,550	-430	-11%	930	930	561
43-3061	Procurement Clerks	370	330	-40	-11%	100	100	562
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	180	160	-20	-11%	60	60	563
41-2022	Parts Salespersons	1,590	1,410	-180	-11%	460	460	564
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	510	450	-60	-12%	90	90	565
51-4062	Patternmakers, Metal and Plastic	170	150	-20	-12%	50	50	565
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	170	150	-20	-12%	50	50	565
43-4071	File Clerks	1,680	1,480	-200	-12%	500	500	568
43-4131	Loan Interviewers and Clerks	1,560	1,370	-190	-12%	210	210	569
51-6021	Pressers, Textile, Garment, and Related Materials	490	430	-60	-12%	80	80	570
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,700	1,490	-210	-12%	510	510	571
17-3012	Electrical and Electronics Drafters	80	70	-10	-13%	20	20	572
51-8013	Power Plant Operators	160	140	-20	-13%	40	40	572
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	572
41-9041	Telemarketers	2,740	2,390	-350	-13%	450	450	575
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,850	1,610	-240	-13%	490	490	576
17-2011	Aerospace Engineers	450	390	-60	-13%	110	110	577
51-2092	Team Assemblers	9,350	8,100	-1,250	-13%	2,420	2,420	578
43-4021	Correspondence Clerks	370	320	-50	-14%	110	110	579
43-5081	Stock Clerks and Order Fillers	11,730	10,140	-1,590	-14%	4,340	4,340	580
43-4061	Eligibility Interviewers, Government Programs	220	190	-30	-14%	60	60	581
51-4071	Foundry Mold and Coremakers	660	570	-90	-14%	160	160	581
43-5041	Meter Readers, Utilities	290	250	-40	-14%	90	90	583
51-6052	Tailors, Dressmakers, and Custom Sewers	720	620	-100	-14%	130	130	584
19-4051	Nuclear Technicians	70	60	-10	-14%	20	20	585
49-9045	Refractory Materials Repairers, Except Brickmasons	140	120	-20	-14%	30	30	585
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	280	240	-40	-14%	80	80	585
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	70	60	-10	-14%	20	20	585
49-9044	Millwrights	750	640	-110	-15%	180	180	589
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	230	-40	-15%	80	80	590
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	330	280	-50	-15%	50	50	591
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	460	390	-70	-15%	110	110	592
51-5012	Bookbinders	130	110	-20	-15%	30	30	593
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	2,060	1,740	-320	-16%	430	430	594
43-9021	Data Entry Keyers	2,180	1,840	-340	-16%	520	520	595
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	740	620	-120	-16%	140	140	596
39-3021	Motion Picture Projectionists	60	50	-10	-17%	30	30	597
51-2031	Engine and Other Machine Assemblers	720	600	-120	-17%	200	200	597
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	100	-20	-17%	30	30	597
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and	810	670	-140	-17%	160	160	600
51-2021	Coil Winders, Tapers, and Finishers	170	140	-30	-18%	40	40	601
51-3021	Butchers and Meat Cutters	560	460	-100	-18%	120	120	602
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	380	310	-70	-18%	80	80	603
43-4151	Order Clerks	1,770	1,430	-340	-19%	400	400	604
27-1022	Fashion Designers	50	40	-10	-20%	10	10	605
51-4192	Lay-Out Workers, Metal and Plastic	50	40	-10	-20%	10	10	605
51-4194	Tool Grinders, Filers, and Sharpeners	300	240	-60	-20%	100	100	605
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	150	120	-30	-20%	40	40	605
43-4011	Brokerage Clerks	240	190	-50	-21%	30	30	609
51-5022	Prepress Technicians and Workers	670	520	-150	-22%	160	160	610
43-9011	Computer Operators	1,170	900	-270	-23%	250	250	611
51-5011	Bindery Workers	490	370	-120	-24%	130	130	612
49-2021	Radio Mechanics	40	30	-10	-25%	10	10	613
51-4111	Tool and Die Makers	1,220	900	-320	-26%	280	280	614
51-2022	Electrical and Electronic Equipment Assemblers	940	690	-250	-27%	220	220	615
43-9022	Word Processors and Typists	1,260	820	-440	-35%	280	280	616
49-9096	Riggers	20	10	-10	-50%	0	0	617
51-6092	Fabric and Apparel Patternmakers	20	10	-10	-50%	10	10	617
43-2021	Telephone Operators	120	40	-80	-67%	30	30	619

1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants.

In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 05**

Ranked by Total Openings 2002-2012  
 All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	Rank
<b>Total, All Occupations</b>		<b>896,980</b>	<b>964,350</b>	<b>67,370</b>	<b>8%</b>	<b>213,750</b>	<b>296,870</b>	
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,180	20,770	3,590	21%	7,450	11,040	1
41-2011	Cashiers	20,330	20,760	430	2%	9,890	10,320	2
41-2031	Retail Salespersons	25,230	26,170	940	4%	9,170	10,110	3
35-3031	Waiters and Waitresses	13,940	16,070	2,130	15%	7,170	9,310	4
29-1111	Registered Nurses	14,900	17,980	3,080	21%	3,120	6,200	5
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	16,430	16,530	100	1%	5,370	5,470	6
43-5081	Stock Clerks and Order Fillers	11,730	10,140	-1,590	-14%	4,340	4,340	7
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	14,200	15,800	1,600	11%	2,700	4,290	8
53-3032	Truck Drivers, Heavy and Tractor-Trailer	14,070	16,020	1,950	14%	2,300	4,240	9
43-9061	Office Clerks, General	15,000	15,690	690	5%	3,320	4,010	10
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	10,930	11,770	840	8%	2,870	3,710	11
43-4051	Customer Service Representatives	12,840	14,590	1,750	14%	1,910	3,660	12
43-4171	Receptionists and Information Clerks	7,450	9,280	1,830	25%	1,830	3,660	12
11-1021	General and Operations Managers	11,760	12,730	970	8%	2,220	3,180	14
35-2021	Food Preparation Workers	6,100	6,950	850	14%	2,160	3,000	15
53-7064	Packers and Packagers, Hand	9,540	10,680	1,140	12%	1,790	2,930	16
25-2021	Elementary School Teachers, Except Special Education	6,860	7,860	1,000	15%	1,510	2,520	17
43-6014	Secretaries, Except Legal, Medical, and Executive	13,160	11,820	-1,340	-10%	2,520	2,520	17
25-9041	Teacher Assistants	6,270	7,490	1,220	19%	1,210	2,430	19
51-2092	Team Assemblers	9,350	8,100	-1,250	-13%	2,420	2,420	20
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	3,150	3,490	340	11%	2,060	2,390	21
31-1012	Nursing Aides, Orderlies, and Attendants	7,890	9,180	1,290	16%	1,030	2,330	22
49-9042	Maintenance and Repair Workers, General	8,520	9,180	660	8%	1,640	2,300	23
37-3011	Landscaping and Groundskeeping Workers	5,780	6,710	930	16%	1,260	2,190	24
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	6,330	7,000	670	11%	1,510	2,170	25
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	11,050	11,170	120	1%	1,990	2,100	26
35-2014	Cooks, Restaurant	4,710	5,330	620	13%	1,460	2,070	27
33-9032	Security Guards	7,270	7,720	450	6%	1,580	2,030	28
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	9,360	9,250	-110	-1%	2,010	2,010	29
13-2011	Accountants and Auditors	8,220	8,670	450	5%	1,550	2,000	30
43-3031	Bookkeeping, Accounting, and Auditing Clerks	10,660	10,330	-330	-3%	2,000	2,000	30
43-6013	Medical Secretaries	4,740	5,780	1,040	22%	910	1,940	32
31-9092	Medical Assistants	2,290	3,630	1,340	59%	420	1,770	33
49-3023	Automotive Service Technicians and Mechanics	5,330	5,680	350	7%	1,420	1,770	33
47-2031	Carpenters	8,490	8,850	360	4%	1,380	1,750	35
29-2061	Licensed Practical and Licensed Vocational Nurses	4,950	5,560	610	12%	1,080	1,690	36
15-1051	Computer Systems Analysts	4,380	5,570	1,190	27%	500	1,680	37
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5,910	6,540	630	11%	1,010	1,640	38
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,340	3,950	610	18%	940	1,550	39
53-7051	Industrial Truck and Tractor Operators	5,400	5,890	490	9%	1,020	1,520	40
33-3051	Police and Sheriff's Patrol Officers	3,220	3,860	640	20%	830	1,470	41
43-3071	Tellers	2,990	2,990	0	0%	1,470	1,470	41
43-6011	Executive Secretaries and Administrative Assistants	7,510	7,530	20	0%	1,440	1,460	43
35-3011	Bartenders	3,450	3,520	70	2%	1,360	1,440	44
51-9011	Chemical Equipment Operators and Tenders	2,710	3,290	580	21%	870	1,440	44
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4,110	4,440	330	8%	1,030	1,370	46
41-2021	Counter and Rental Clerks	2,860	3,110	250	9%	1,100	1,350	47
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,730	4,070	340	9%	980	1,320	48
37-2012	Maids and Housekeeping Cleaners	5,090	5,330	240	5%	1,070	1,310	49
47-2111	Electricians	4,750	5,100	350	7%	940	1,280	50
39-9011	Child Care Workers	3,680	3,920	240	7%	1,000	1,240	51
53-3022	Bus Drivers, School	4,380	4,670	290	7%	950	1,240	51
47-2061	Construction Laborers	5,500	5,960	460	8%	730	1,190	53
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,480	5,520	40	1%	1,150	1,190	53

47-2152	Plumbers, Pipefitters, and Steamfitters	4,220	4,390	170	4%	970	1,140	55
51-9111	Packaging and Filling Machine Operators and Tenders	2,460	3,080	620	25%	490	1,110	56
43-3011	Bill and Account Collectors	2,940	3,480	540	18%	550	1,090	57
43-5071	Shipping, Receiving, and Traffic Clerks	5,060	4,940	-120	-2%	1,040	1,040	58
23-1011	Lawyers	3,230	3,820	590	18%	420	1,000	59
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,190	2,490	300	14%	700	1,000	59
13-1111	Management Analysts	4,200	4,620	420	10%	580	990	61
15-1041	Computer Support Specialists	3,150	3,740	590	19%	390	980	62
25-1191	Graduate Teaching Assistants	1,700	2,280	580	34%	380	970	63
53-3033	Truck Drivers, Light or Delivery Services	5,640	6,090	450	8%	520	970	63
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,150	2,370	220	10%	720	940	65
39-9021	Personal and Home Care Aides	2,560	3,070	510	20%	410	930	66
51-4041	Machinists	3,980	3,550	-430	-11%	930	930	66
11-3021	Computer and Information Systems Managers	1,930	2,500	570	30%	350	920	68
35-9021	Dishwashers	2,380	2,480	100	4%	800	910	69
11-9111	Medical and Health Services Managers	1,950	2,470	520	27%	380	900	70
35-2011	Cooks, Fast Food	2,700	2,760	60	2%	840	900	70
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,950	3,590	-360	-9%	900	900	70
41-9022	Real Estate Sales Agents	4,410	4,180	-230	-5%	880	880	73
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,540	2,730	190	7%	650	850	74
31-1011	Home Health Aides	1,920	2,500	580	30%	250	830	75
43-6012	Legal Secretaries	2,030	2,460	430	21%	390	830	75
39-9031	Fitness Trainers and Aerobics Instructors	1,310	1,830	520	40%	300	820	77
31-9091	Dental Assistants	980	1,520	540	55%	270	810	78
43-3021	Billing and Posting Clerks and Machine Operators	3,720	3,870	150	4%	630	780	79
29-2011	Medical and Clinical Laboratory Technologists	1,440	1,820	380	26%	390	770	80
53-7061	Cleaners of Vehicles and Equipment	2,220	2,190	-30	-1%	770	770	80
11-2022	Sales Managers	2,070	2,450	380	18%	380	760	82
35-2012	Cooks, Institution and Cafeteria	2,440	2,290	-150	-6%	760	760	82
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	4,000	4,000	0	0%	750	760	82
41-3021	Insurance Sales Agents	2,440	2,610	170	7%	580	760	82
25-2022	Middle School Teachers, Except Special and Vocational Education	2,360	2,590	230	10%	520	750	86
35-2015	Cooks, Short Order	2,120	2,220	100	5%	660	750	86
33-2011	Fire Fighters	1,620	1,900	280	17%	470	740	88
33-3012	Correctional Officers and Jailers	1,890	2,220	330	17%	390	720	89
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	2,670	2,410	-260	-10%	700	700	90
11-3031	Financial Managers	2,850	3,120	270	9%	410	690	91
11-1011	Chief Executives	2,570	2,770	200	8%	490	690	91
29-2071	Medical Records and Health Information Technicians	1,110	1,630	520	47%	160	690	91
35-3041	Food Servers, Nonrestaurant	1,960	1,990	30	2%	660	690	91
43-5052	Postal Service Mail Carriers	2,190	2,120	-70	-3%	690	690	91
47-2141	Painters, Construction and Maintenance	3,650	3,780	130	4%	560	690	91
51-4121	Welders, Cutters, Solderers, and Brazers	2,240	2,290	50	2%	630	690	91
47-2073	Operating Engineers and Other Construction Equipment Operators	1,860	2,040	180	10%	480	670	98
29-1051	Pharmacists	1,610	1,960	350	22%	310	660	99
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	2,250	2,380	130	6%	530	660	99
29-1126	Respiratory Therapists	1,060	1,360	300	28%	350	650	101
43-5061	Production, Planning, and Expediting Clerks	2,570	2,590	20	1%	620	650	101
29-2052	Pharmacy Technicians	2,190	2,550	360	16%	290	640	103
47-2211	Sheet Metal Workers	2,140	2,260	120	6%	510	630	104
15-1021	Computer Programmers	2,620	2,550	-70	-3%	620	620	105
43-9041	Insurance Claims and Policy Processing Clerks	3,820	3,740	-80	-2%	620	620	105
11-9021	Construction Managers	2,410	2,580	170	7%	440	610	107
15-1071	Network and Computer Systems Administrators	1,540	1,960	420	27%	170	600	108
47-2051	Cement Masons and Concrete Finishers	1,490	1,790	300	20%	300	600	108
11-9141	Property, Real Estate, and Community Association Managers	2,320	2,480	160	7%	430	590	110
25-2011	Preschool Teachers, Except Special Education	2,000	2,350	350	18%	240	590	110
39-3091	Amusement and Recreation Attendants	1,100	1,380	280	25%	320	590	110
51-9198	Helpers--Production Workers	2,110	2,080	-30	-1%	590	590	110
53-6031	Service Station Attendants	1,320	1,210	-110	-8%	590	590	110
43-4111	Interviewers, Except Eligibility and Loan	1,170	1,450	280	24%	300	580	115
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,000	2,300	300	15%	270	570	116
13-1031	Claims Adjusters, Examiners, and Investigators	2,880	3,080	200	7%	360	560	117
19-2031	Chemists	1,000	1,230	230	23%	330	560	117
29-1067	Surgeons	1,290	1,680	390	30%	170	560	117
13-1051	Cost Estimators	1,610	1,800	190	12%	360	550	120
17-3031	Surveying and Mapping Technicians	920	1,130	210	23%	340	540	121

39-9032	Recreation Workers	1,650	1,810	160	10%	380	540	121
53-3031	Driver/Sales Workers	3,300	3,280	-20	-1%	540	540	121
25-3021	Self-Enrichment Education Teachers	1,300	1,670	370	28%	160	530	124
43-2011	Switchboard Operators, Including Answering Service	2,070	2,000	-70	-3%	530	530	124
43-9021	Data Entry Keyers	2,180	1,840	-340	-16%	520	520	126
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,240	2,060	-180	-8%	520	520	126
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,700	1,490	-210	-12%	510	510	128
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,590	1,710	120	8%	380	500	129
43-4071	File Clerks	1,680	1,480	-200	-12%	500	500	129
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,510	1,580	70	5%	430	500	129
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,230	2,460	230	10%	270	500	129
39-3031	Ushers, Lobby Attendants, and Ticket Takers	860	860	0	0%	490	490	133
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,850	1,610	-240	-13%	490	490	133
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,600	1,680	80	5%	400	480	135
51-6011	Laundry and Dry-Cleaning Workers	1,770	1,700	-70	-4%	480	480	135
53-7063	Machine Feeders and Offbearers	1,730	1,560	-170	-10%	470	470	137
41-2022	Parts Salespersons	1,590	1,410	-180	-11%	460	460	138
43-4081	Hotel, Motel, and Resort Desk Clerks	850	930	80	9%	380	460	138
41-9041	Telemarketers	2,740	2,390	-350	-13%	450	450	140
13-2072	Loan Officers	1,450	1,660	210	14%	230	440	141
21-1093	Social and Human Service Assistants	900	1,180	280	31%	160	440	141
51-3011	Bakers	1,480	1,580	100	7%	340	440	141
15-1031	Computer Software Engineers, Applications	1,370	1,670	300	22%	140	430	144
15-1032	Computer Software Engineers, Systems Software	1,130	1,450	320	28%	110	430	144
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,930	2,130	200	10%	220	430	144
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	2,060	1,740	-320	-16%	430	430	144
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,340	1,460	120	9%	320	430	144
29-2021	Dental Hygienists	660	1,030	370	56%	60	420	149
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,150	2,120	-30	-1%	410	410	150
53-6021	Parking Lot Attendants	960	1,080	120	13%	280	410	150
17-2141	Mechanical Engineers	1,460	1,370	-90	-6%	400	400	152
17-3023	Electrical and Electronic Engineering Technicians	1,180	1,330	150	13%	250	400	152
19-4021	Biological Technicians	940	1,180	240	26%	160	400	152
43-4151	Order Clerks	1,770	1,430	-340	-19%	400	400	152
11-9051	Food Service Managers	1,680	1,800	120	7%	280	390	156
21-1021	Child, Family, and School Social Workers	1,300	1,470	170	13%	220	390	156
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	730	940	210	29%	170	390	156
27-2022	Coaches and Scouts	1,020	1,210	190	19%	200	390	156
27-3031	Public Relations Specialists	1,170	1,400	230	20%	170	390	156
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,570	1,440	-130	-8%	390	390	156
11-3011	Administrative Services Managers	1,310	1,440	130	10%	260	380	162
13-1073	Training and Development Specialists	1,160	1,360	200	17%	180	380	162
29-1062	Family and General Practitioners	1,020	1,260	240	24%	140	380	162
29-2034	Radiologic Technologists and Technicians	1,080	1,260	180	17%	200	380	162
49-3093	Tire Repairers and Changers	890	830	-60	-7%	380	380	162
49-9098	Helpers--Installation, Maintenance, and Repair Workers	900	980	80	9%	310	380	162
11-9032	Education Administrators, Elementary and Secondary School	820	990	170	21%	210	370	168
13-1071	Employment, Recruitment, and Placement Specialists	1,370	1,530	160	12%	210	370	168
25-4031	Library Technicians	750	840	90	12%	280	370	168
27-2031	Dancers	540	580	40	7%	330	370	168
29-2012	Medical and Clinical Laboratory Technicians	750	920	170	23%	200	370	168
51-5023	Printing Machine Operators	1,570	1,520	-50	-3%	370	370	168
23-2011	Paralegals and Legal Assistants	960	1,250	290	30%	80	360	174
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,120	1,240	120	11%	240	360	174
51-2041	Structural Metal Fabricators and Fitters	1,540	1,430	-110	-7%	360	360	174
53-7032	Excavating and Loading Machine and Dragline Operators	830	970	140	17%	230	360	174
15-1081	Network Systems and Data Communications Analysts	760	1,020	260	34%	90	350	178
19-1022	Microbiologists	570	750	180	32%	180	350	178
25-4021	Librarians	1,090	1,180	90	8%	260	350	178
43-3051	Payroll and Timekeeping Clerks	1,330	1,310	-20	-2%	350	350	178
27-1024	Graphic Designers	1,210	1,380	170	14%	160	340	182
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,180	1,270	90	8%	260	340	182
11-3040	Human Resources Managers	1,110	1,240	130	12%	190	320	184
17-2112	Industrial Engineers	1,320	1,280	-40	-3%	320	320	184
19-1021	Biochemists and Biophysicists	610	740	130	21%	190	320	184
39-2021	Nonfarm Animal Caretakers	780	900	120	15%	190	320	184
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,180	1,120	-60	-5%	310	310	188

21-1011	Substance Abuse and Behavioral Disorder Counselors	510	700	190	37%	120	310	188
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,090	1,170	80	7%	230	310	188
47-2181	Roofers	1,050	1,110	60	6%	240	310	188
47-3012	Helpers--Carpenters	610	670	60	10%	250	310	188
49-3021	Automotive Body and Related Repairers	1,340	1,380	40	3%	270	310	188
21-1012	Educational, Vocational, and School Counselors	950	1,030	80	8%	220	300	194
29-1063	Internists, General	750	960	210	28%	100	300	194
39-1021	First-Line Supervisors/Managers of Personal Service Workers	1,210	1,180	-30	-2%	300	300	194
41-3041	Travel Agents	1,330	1,300	-30	-2%	300	300	194
11-3071	Transportation, Storage, and Distribution Managers	760	900	140	18%	150	290	198
29-1127	Speech-Language Pathologists	620	750	130	21%	150	290	198
31-9094	Medical Transcriptionists	840	970	130	15%	160	290	198
41-3011	Advertising Sales Agents	1,160	1,220	60	5%	220	290	198
43-9071	Office Machine Operators, Except Computer	1,160	1,050	-110	-9%	290	290	198
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	880	860	-20	-2%	290	290	198
53-3041	Taxi Drivers and Chauffeurs	1,070	1,260	190	18%	100	290	198
27-3041	Editors	940	990	50	5%	230	280	205
43-5011	Cargo and Freight Agents	980	1,040	60	6%	220	280	205
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	620	740	120	19%	160	280	205
43-9022	Word Processors and Typists	1,260	820	-440	-35%	280	280	205
47-2021	Brickmasons and Blockmasons	1,430	1,490	60	4%	210	280	205
49-3011	Aircraft Mechanics and Service Technicians	960	1,020	60	6%	230	280	205
51-4111	Tool and Die Makers	1,220	900	-320	-26%	280	280	205
11-9151	Social and Community Service Managers	730	860	130	18%	140	270	212
19-3021	Market Research Analysts	700	790	90	13%	180	270	212
29-1123	Physical Therapists	830	1,020	190	23%	80	270	212
51-7011	Cabinetmakers and Bench Carpenters	870	920	50	6%	220	270	212
11-2021	Marketing Managers	950	1,040	90	9%	180	260	216
17-2051	Civil Engineers	1,340	1,390	50	4%	210	260	216
29-2081	Opticians, Dispensing	730	860	130	18%	130	260	216
33-1012	First-Line Supervisors/Managers of Police and Detectives	580	650	70	12%	190	260	216
47-2081	Drywall and Ceiling Tile Installers	770	870	100	13%	170	260	216
15-1061	Database Administrators	660	840	180	27%	70	250	221
17-3011	Architectural and Civil Drafters	900	890	-10	-1%	250	250	221
17-3026	Industrial Engineering Technicians	700	810	110	16%	150	250	221
29-1122	Occupational Therapists	600	770	170	28%	80	250	221
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1,080	1,220	140	13%	100	250	221
43-9011	Computer Operators	1,170	900	-270	-23%	250	250	221
51-8031	Water and Liquid Waste Treatment Plant and System Operators	530	590	60	11%	180	250	221
13-2051	Financial Analysts	900	1,010	110	12%	130	240	228
39-6011	Baggage Porters and Bellhops	920	830	-90	-10%	240	240	228
47-2121	Glaziers	580	700	120	21%	120	240	228
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	570	540	-30	-5%	240	240	228
53-7011	Conveyor Operators and Tenders	830	830	0	0%	240	240	228
13-2053	Insurance Underwriters	990	1,040	50	5%	180	230	233
29-1020	Dentists	830	920	90	11%	140	230	233
29-2041	Emergency Medical Technicians and Paramedics	1,010	1,120	110	11%	120	230	233
29-2055	Surgical Technologists	590	750	160	27%	80	230	233
31-9095	Pharmacy Aides	920	980	60	7%	170	230	233
49-9041	Industrial Machinery Mechanics	1,020	1,050	30	3%	210	230	233
13-2041	Credit Analysts	950	1,030	80	8%	150	220	239
13-2052	Personal Financial Advisors	500	650	150	30%	70	220	239
25-1194	Vocational Education Teachers, Postsecondary	380	520	140	37%	90	220	239
25-2012	Kindergarten Teachers, Except Special Education	660	810	150	23%	80	220	239
35-1011	Chefs and Head Cooks	500	570	70	14%	150	220	239
51-2022	Electrical and Electronic Equipment Assemblers	940	690	-250	-27%	220	220	239
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	800	810	10	1%	210	220	239
11-9041	Engineering Managers	950	970	20	2%	190	210	246
17-2071	Electrical Engineers	1,090	1,020	-70	-6%	210	210	246
25-2043	Special Education Teachers, Secondary School	400	520	120	30%	100	210	246
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	370	430	60	16%	150	210	246
43-4131	Loan Interviewers and Clerks	1,560	1,370	-190	-12%	210	210	246
19-3031	Clinical, Counseling, and School Psychologists	550	630	80	15%	120	200	251
25-1011	Business Teachers, Postsecondary	320	450	130	41%	70	200	251
47-3013	Helpers--Electricians	450	470	20	4%	190	200	251
51-2031	Engine and Other Machine Assemblers	720	600	-120	-17%	200	200	251
53-2021	Air Traffic Controllers	530	600	70	13%	140	200	251

13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	660	690	30	5%	150	190	256
21-1022	Medical and Public Health Social Workers	550	640	90	16%	90	190	256
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	760	780	20	3%	170	190	256
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	590	650	60	10%	130	190	256
51-9123	Painting, Coating, and Decorating Workers	330	440	110	33%	90	190	256
51-9196	Paper Goods Machine Setters, Operators, and Tenders	530	600	70	13%	110	190	256
11-9121	Natural Sciences Managers	750	790	40	5%	150	180	262
27-3043	Writers and Authors	590	670	80	14%	100	180	262
27-4011	Audio and Video Equipment Technicians	480	550	70	15%	120	180	262
29-2031	Cardiovascular Technologists and Technicians	360	470	110	31%	70	180	262
43-4121	Library Assistants, Clerical	300	360	60	20%	120	180	262
49-9044	Millwrights	750	640	-110	-15%	180	180	262
11-3051	Industrial Production Managers	860	860	0	0%	170	170	268
17-1011	Architects, Except Landscape and Naval	680	770	90	13%	80	170	268
25-2032	Vocational Education Teachers, Secondary School	470	500	30	6%	130	170	268
25-2042	Special Education Teachers, Middle School	360	440	80	22%	90	170	268
27-3042	Technical Writers	470	500	30	6%	140	170	268
31-2021	Physical Therapist Assistants	330	440	110	33%	60	170	268
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	410	380	-30	-7%	170	170	268
49-9043	Maintenance Workers, Machinery	490	540	50	10%	110	170	268
49-9051	Electrical Power-Line Installers and Repairers	440	470	30	7%	140	170	268
51-8091	Chemical Plant and System Operators	540	520	-20	-4%	170	170	268
13-2021	Appraisers and Assessors of Real Estate	500	550	50	10%	110	160	278
17-1022	Surveyors	480	480	0	0%	160	160	278
21-1092	Probation Officers and Correctional Treatment Specialists	600	660	60	10%	110	160	278
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	490	560	70	14%	90	160	278
41-9011	Demonstrators and Product Promoters	520	560	40	8%	110	160	278
41-9031	Sales Engineers	490	510	20	4%	150	160	278
47-4041	Hazardous Materials Removal Workers	280	360	80	29%	70	160	278
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plast	810	670	-140	-17%	160	160	278
51-4071	Foundry Mold and Coremakers	660	570	-90	-14%	160	160	278
51-5022	Prepress Technicians and Workers	670	520	-150	-22%	160	160	278
53-7081	Refuse and Recyclable Material Collectors	470	510	40	9%	120	160	278
25-1081	Education Teachers, Postsecondary	240	340	100	42%	60	150	289
27-2012	Producers and Directors	520	590	70	13%	80	150	289
27-4021	Photographers	760	740	-20	-3%	150	150	289
29-9010	Occupational Health and Safety Specialists and Technicians	520	560	40	8%	110	150	289
33-1011	First-Line Supervisors/Managers of Correctional Officers	370	410	40	11%	110	150	289
43-4041	Credit Authorizers, Checkers, and Clerks	760	710	-50	-7%	150	150	289
49-9052	Telecommunications Line Installers and Repairers	370	420	50	14%	100	150	289
49-9062	Medical Equipment Repairers	380	430	50	13%	110	150	289
53-2011	Airline Pilots, Copilots, and Flight Engineers	380	430	50	13%	100	150	289
11-2031	Public Relations Managers	460	520	60	13%	80	140	298
17-2041	Chemical Engineers	370	400	30	8%	110	140	298
19-4031	Chemical Technicians	480	500	20	4%	120	140	298
19-4091	Environmental Science and Protection Technicians, Including Health	230	320	90	39%	60	140	298
33-3021	Detectives and Criminal Investigators	280	340	60	21%	80	140	298
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	410	470	60	15%	80	140	298
51-3092	Food Batchmakers	420	450	30	7%	100	140	298
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	860	840	-20	-2%	140	140	298
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	740	620	-120	-16%	140	140	298
11-2011	Advertising and Promotions Managers	470	510	40	9%	90	130	307
11-9031	Education Administrators, Preschool and Child Care Center/Program	320	370	50	16%	80	130	307
11-9033	Education Administrators, Postsecondary	270	340	70	26%	70	130	307
13-1072	Compensation, Benefits, and Job Analysis Specialists	470	530	60	13%	70	130	307
17-2072	Electronics Engineers, Except Computer	420	460	40	10%	80	130	307
27-3010	Announcers	490	460	-30	-6%	130	130	307
47-4011	Construction and Building Inspectors	400	440	40	10%	90	130	307
51-5011	Bindery Workers	490	370	-120	-24%	130	130	307
51-6052	Tailors, Dressmakers, and Custom Sewers	720	620	-100	-14%	130	130	307
51-9081	Dental Laboratory Technicians	230	320	90	39%	50	130	307
13-2081	Tax Examiners, Collectors, and Revenue Agents	470	480	10	2%	110	120	317
13-2082	Tax Preparers	410	470	60	15%	70	120	317
17-2081	Environmental Engineers	240	310	70	29%	40	120	317
17-3013	Mechanical Drafters	430	390	-40	-9%	120	120	317
19-1042	Medical Scientists, Except Epidemiologists	360	420	60	17%	60	120	317
21-1015	Rehabilitation Counselors	400	430	30	8%	90	120	317

25-1121	Art, Drama, and Music Teachers, Postsecondary	190	270	80	42%	40	120	317
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	390	460	70	18%	50	120	317
27-1025	Interior Designers	580	620	40	7%	80	120	317
29-1131	Veterinarians	450	460	10	2%	110	120	317
29-2053	Psychiatric Technicians	830	850	20	2%	110	120	317
43-5021	Couriers and Messengers	510	460	-50	-10%	120	120	317
43-5051	Postal Service Clerks	460	450	-10	-2%	120	120	317
51-3021	Butchers and Meat Cutters	560	460	-100	-18%	120	120	317
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	490	510	20	4%	100	120	317
17-2011	Aerospace Engineers	450	390	-60	-13%	110	110	332
17-3022	Civil Engineering Technicians	500	510	10	2%	110	110	332
21-1023	Mental Health and Substance Abuse Social Workers	280	340	60	21%	50	110	332
21-1091	Health Educators	440	470	30	7%	80	110	332
27-2032	Choreographers	150	170	20	13%	90	110	332
29-1031	Dietitians and Nutritionists	300	330	30	10%	80	110	332
29-2056	Veterinary Technologists and Technicians	400	460	60	15%	50	110	332
39-9041	Residential Advisors	320	360	40	13%	70	110	332
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	460	390	-70	-15%	110	110	332
43-4021	Correspondence Clerks	370	320	-50	-14%	110	110	332
43-4031	Court, Municipal, and License Clerks	370	400	30	8%	80	110	332
47-4051	Highway Maintenance Workers	570	600	30	5%	80	110	332
49-9031	Home Appliance Repairers	470	460	-10	-2%	110	110	332
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	380	-10	-3%	110	110	332
51-9122	Painters, Transportation Equipment	430	430	0	0%	110	110	332
53-3021	Bus Drivers, Transit and Intercity	410	430	20	5%	90	110	332
11-3061	Purchasing Managers	440	420	-20	-5%	100	100	348
19-2041	Environmental Scientists and Specialists, Including Health	340	370	30	9%	60	100	348
25-1124	Foreign Language and Literature Teachers, Postsecondary	160	220	60	38%	40	100	348
29-1041	Optometrists	240	270	30	13%	70	100	348
39-6021	Tour Guides and Escorts	360	340	-20	-6%	100	100	348
43-3061	Procurement Clerks	370	330	-40	-11%	100	100	348
43-4141	New Accounts Clerks	360	360	0	0%	90	100	348
47-2221	Structural Iron and Steel Workers	370	400	30	8%	70	100	348
51-4194	Tool Grinders, Filers, and Sharpeners	300	240	-60	-20%	100	100	348
51-6031	Sewing Machine Operators	770	730	-40	-5%	100	100	348
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	390	360	-30	-8%	100	100	348
11-9011	Farm, Ranch, and Other Agricultural Managers	320	350	30	9%	60	90	359
25-1123	English Language and Literature Teachers, Postsecondary	150	200	50	33%	30	90	359
27-3020	News Analysts, Reporters and Correspondents	300	320	20	7%	70	90	359
29-1011	Chiropractors	360	380	20	6%	70	90	359
29-1071	Physician Assistants	130	210	80	62%	20	90	359
39-6031	Flight Attendants	300	350	50	17%	40	90	359
43-5031	Police, Fire, and Ambulance Dispatchers	330	350	20	6%	70	90	359
43-5041	Meter Readers, Utilities	290	250	-40	-14%	90	90	359
47-2151	Pipelayers	270	290	20	7%	60	90	359
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	260	280	20	8%	60	90	359
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	510	450	-60	-12%	90	90	359
51-5021	Job Printers	370	360	-10	-3%	90	90	359
53-7121	Tank Car, Truck, and Ship Loaders	240	260	20	8%	70	90	359
13-1032	Insurance Appraisers, Auto Damage	350	390	40	11%	40	80	372
21-1014	Mental Health Counselors	240	270	30	13%	60	80	372
25-1071	Health Specialties Teachers, Postsecondary	140	180	40	29%	30	80	372
25-9031	Instructional Coordinators	230	270	40	17%	40	80	372
27-1014	Multi-Media Artists and Animators	330	330	0	0%	70	80	372
27-2042	Musicians and Singers	340	340	0	0%	70	80	372
29-1065	Pediatricians, General	190	240	50	26%	30	80	372
29-2032	Diagnostic Medical Sonographers	240	280	40	17%	50	80	372
29-2054	Respiratory Therapy Technicians	180	240	60	33%	20	80	372
33-2021	Fire Inspectors and Investigators	240	250	10	4%	70	80	372
33-9091	Crossing Guards	200	210	10	5%	60	80	372
43-9031	Desktop Publishers	240	270	30	13%	60	80	372
47-4021	Elevator Installers and Repairers	310	310	0	0%	80	80	372
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	230	-40	-15%	80	80	372
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	280	240	-40	-14%	80	80	372
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	380	310	-70	-18%	80	80	372
51-6021	Pressers, Textile, Garment, and Related Materials	490	430	-60	-12%	80	80	372
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	320	290	-30	-9%	80	80	372

13-1121	Meeting and Convention Planners	260	270	10	4%	60	70	390
15-2011	Actuaries	140	150	10	7%	60	70	390
15-2031	Operations Research Analysts	310	300	-10	-3%	70	70	390
25-1122	Communications Teachers, Postsecondary	110	150	40	36%	30	70	390
27-1023	Floral Designers	550	540	-10	-2%	70	70	390
31-1013	Psychiatric Aides	310	340	30	10%	40	70	390
31-2022	Physical Therapist Aides	130	170	40	31%	20	70	390
39-4021	Funeral Attendants	210	240	30	14%	40	70	390
45-2093	Farmworkers, Farm and Ranch Animals	110	150	40	36%	30	70	390
47-2041	Carpet Installers	260	290	30	12%	40	70	390
47-2071	Paving, Surfacing, and Tamping Equipment Operators	290	310	20	7%	40	70	390
47-4031	Fence Erectors	240	270	30	13%	40	70	390
49-2098	Security and Fire Alarm Systems Installers	350	350	0	0%	70	70	390
51-2023	Electromechanical Equipment Assemblers	300	280	-20	-7%	70	70	390
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	290	280	-10	-3%	70	70	390
51-4052	Pourers and Casters, Metal	280	290	10	4%	60	70	390
53-7041	Hoist and Winch Operators	200	210	10	5%	70	70	390
13-1061	Emergency Management Specialists	140	160	20	14%	30	60	407
13-2031	Budget Analysts	240	260	20	8%	40	60	407
19-3022	Survey Researchers	170	180	10	6%	40	60	407
25-1022	Mathematical Science Teachers, Postsecondary	110	140	30	27%	20	60	407
25-1042	Biological Science Teachers, Postsecondary	100	140	40	40%	20	60	407
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	100	140	40	40%	20	60	407
25-1072	Nursing Instructors and Teachers, Postsecondary	120	150	30	25%	30	60	407
27-1011	Art Directors	270	270	0	0%	60	60	407
27-1021	Commercial and Industrial Designers	340	350	10	3%	50	60	407
31-9011	Massage Therapists	170	200	30	18%	30	60	407
41-9021	Real Estate Brokers	300	270	-30	-10%	60	60	407
43-4061	Eligibility Interviewers, Government Programs	220	190	-30	-14%	60	60	407
47-2044	Tile and Marble Setters	200	230	30	15%	30	60	407
51-4061	Model Makers, Metal and Plastic	160	170	10	6%	50	60	407
51-9012	Separating, Filtering, Clarifying, and Still Machine Setters, Operators, and Tenders	180	160	-20	-11%	60	60	407
51-9082	Medical Appliance Technicians	100	130	30	30%	20	60	407
51-9083	Ophthalmic Laboratory Technicians	160	180	20	13%	30	60	407
51-9191	Cementing and Gluing Machine Operators and Tenders	210	200	-10	-5%	60	60	407
53-2022	Airfield Operations Specialists	160	180	20	13%	40	60	407
53-7021	Crane and Tower Operators	230	240	10	4%	50	60	407
11-9081	Lodging Managers	280	270	-10	-4%	50	50	427
11-1031	Legislators	390	380	-10	-3%	50	50	427
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	170	180	10	6%	30	50	427
13-1021	Purchasing Agents and Buyers, Farm Products	90	100	10	11%	30	50	427
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	190	200	10	5%	50	50	427
19-3051	Urban and Regional Planners	140	140	0	0%	50	50	427
25-1066	Psychology Teachers, Postsecondary	80	120	40	50%	20	50	427
25-1112	Law Teachers, Postsecondary	70	110	40	57%	20	50	427
25-1126	Philosophy and Religion Teachers, Postsecondary	80	120	40	50%	20	50	427
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	80	100	20	25%	20	50	427
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	160	170	10	6%	30	50	427
27-4012	Broadcast Technicians	150	170	20	13%	40	50	427
29-2051	Dietetic Technicians	160	190	30	19%	20	50	427
31-2011	Occupational Therapist Assistants	160	190	30	19%	20	50	427
31-9093	Medical Equipment Preparers	160	180	20	13%	30	50	427
39-3093	Locker Room, Coathouse, and Dressing Room Attendants	110	140	30	27%	30	50	427
43-3041	Gaming Cage Workers	80	90	10	13%	40	50	427
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	140	150	10	7%	30	50	427
49-3092	Recreational Vehicle Service Technicians	80	90	10	13%	30	50	427
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	330	280	-50	-15%	50	50	427
51-4062	Patternmakers, Metal and Plastic	170	150	-20	-12%	50	50	427
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	170	150	-20	-12%	50	50	427
51-6093	Upholsterers	190	170	-20	-11%	50	50	427
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	190	170	-20	-11%	50	50	427
51-9022	Grinding and Polishing Workers, Hand	180	180	0	0%	50	50	427
51-9132	Photographic Processing Machine Operators	190	180	-10	-5%	50	50	427
53-2012	Commercial Pilots	140	150	10	7%	40	50	427
11-9061	Funeral Directors	140	140	0	0%	40	40	454
13-2061	Financial Examiners	150	160	10	7%	40	40	454
15-2041	Statisticians	130	130	0	0%	40	40	454

17-2061	Computer Hardware Engineers	110	130	20	18%	20	40	454
17-3027	Mechanical Engineering Technicians	160	160	0	0%	30	40	454
25-1021	Computer Science Teachers, Postsecondary	70	90	20	29%	20	40	454
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	40	454
27-4031	Camera Operators, Television, Video, and Motion Picture	150	160	10	7%	30	40	454
29-1124	Radiation Therapists	100	120	20	20%	20	40	454
29-1125	Recreational Therapists	160	160	0	0%	40	40	454
29-2033	Nuclear Medicine Technologists	100	120	20	20%	20	40	454
33-9011	Animal Control Workers	50	60	10	20%	40	40	454
33-9021	Private Detectives and Investigators	150	150	0	0%	30	40	454
37-2021	Pest Control Workers	160	170	10	6%	20	40	454
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	250	250	0	0%	40	40	454
47-2082	Tapers	110	130	20	18%	30	40	454
47-2161	Plasterers and Stucco Masons	160	170	10	6%	30	40	454
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	80	90	10	13%	30	40	454
47-3016	Helpers--Roofers	80	80	0	0%	30	40	454
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	110	120	10	9%	30	40	454
49-2092	Electric Motor, Power Tool, and Related Repairers	160	160	0	0%	40	40	454
49-3051	Motorboat Mechanics	120	140	20	17%	30	40	454
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	160	150	-10	-6%	40	40	454
51-2021	Coil Winders, Tapers, and Finishers	170	140	-30	-18%	40	40	454
51-3093	Food Cooking Machine Operators and Tenders	110	120	10	9%	20	40	454
51-8013	Power Plant Operators	160	140	-20	-13%	40	40	454
51-8021	Stationary Engineers and Boiler Operators	210	210	0	0%	40	40	454
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	150	150	0	0%	40	40	454
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	150	120	-30	-20%	40	40	454
53-6051	Transportation Inspectors	170	160	-10	-6%	40	40	454
17-1012	Landscape Architects	90	100	10	11%	10	30	484
17-2131	Materials Engineers	110	100	-10	-9%	30	30	484
17-3025	Environmental Engineering Technicians	90	100	10	11%	20	30	484
19-4011	Agricultural and Food Science Technicians	160	150	-10	-6%	30	30	484
21-1013	Marriage and Family Therapists	130	130	0	0%	30	30	484
21-2011	Clergy	130	140	10	8%	30	30	484
23-2092	Law Clerks	290	270	-20	-7%	30	30	484
23-2093	Title Examiners, Abstractors, and Searchers	300	300	0	0%	30	30	484
25-1052	Chemistry Teachers, Postsecondary	50	70	20	40%	10	30	484
25-1054	Physics Teachers, Postsecondary	40	60	20	50%	10	30	484
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	484
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	484
25-2023	Vocational Education Teachers, Middle School	110	120	10	9%	20	30	484
25-4010	Archivists, Curators, and Museum Technicians	140	140	0	0%	30	30	484
27-1026	Merchandise Displayers and Window Trimmers	220	210	-10	-5%	30	30	484
27-4014	Sound Engineering Technicians	80	90	10	13%	20	30	484
29-1064	Obstetricians and Gynecologists	80	110	30	38%	10	30	484
29-1066	Psychiatrists	90	110	20	22%	10	30	484
29-1121	Audiologists	100	110	10	10%	20	30	484
29-9091	Athletic Trainers	60	80	20	33%	10	30	484
39-3021	Motion Picture Projectionists	60	50	-10	-17%	30	30	484
39-5011	Barbers	120	110	-10	-8%	30	30	484
39-5092	Manicurists and Pedicurists	90	100	10	11%	20	30	484
43-2021	Telephone Operators	120	40	-80	-67%	30	30	484
43-4011	Brokerage Clerks	240	190	-50	-21%	30	30	484
43-9081	Proofreaders and Copy Markers	160	150	-10	-6%	30	30	484
45-2041	Graders and Sorters, Agricultural Products	90	100	10	11%	20	30	484
45-2091	Agricultural Equipment Operators	90	100	10	11%	30	30	484
47-2022	Stonemasons	140	150	10	7%	20	30	484
47-2130	Insulation Workers	80	90	10	13%	30	30	484
47-2171	Reinforcing Iron and Rebar Workers	120	130	10	8%	20	30	484
49-2091	Avionics Technicians	130	130	0	0%	30	30	484
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	130	120	-10	-8%	30	30	484
49-3091	Bicycle Repairers	60	70	10	17%	30	30	484
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	110	110	0	0%	30	30	484
49-9045	Refractory Materials Repairers, Except Brickmasons	140	120	-20	-14%	30	30	484
49-9063	Musical Instrument Repairers and Tuners	90	90	0	0%	30	30	484
49-9094	Locksmiths and Safe Repairers	100	90	-10	-10%	30	30	484
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	80	80	0	0%	20	30	484
51-4012	Numerical Tool and Process Control Programmers	160	150	-10	-6%	30	30	484

51-4051	Metal-Refining Furnace Operators and Tenders	130	130	0	0%	30	30	484
51-5012	Bookbinders	130	110	-20	-15%	30	30	484
51-7021	Furniture Finishers	130	130	0	0%	30	30	484
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	100	-20	-17%	30	30	484
51-8012	Power Distributors and Dispatchers	100	90	-10	-10%	30	30	484
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	100	90	-10	-10%	30	30	484
53-1011	Aircraft Cargo Handling Supervisors	60	80	20	33%	10	30	484
13-2071	Loan Counselors	70	80	10	14%	10	20	531
15-1011	Computer and Information Scientists, Research	90	110	20	22%	10	20	531
17-3012	Electrical and Electronics Drafters	80	70	-10	-13%	20	20	531
17-3024	Electro-Mechanical Technicians	80	80	0	0%	20	20	531
19-1010	Agricultural and Food Scientists	130	130	0	0%	20	20	531
19-4051	Nuclear Technicians	70	60	-10	-14%	20	20	531
19-4092	Forensic Science Technicians	50	50	0	0%	10	20	531
23-1023	Judges, Magistrate Judges, and Magistrates	130	130	0	0%	20	20	531
23-2091	Court Reporters	130	140	10	8%	20	20	531
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	40	50	10	25%	10	20	531
25-1063	Economics Teachers, Postsecondary	30	50	20	67%	10	20	531
25-1065	Political Science Teachers, Postsecondary	30	50	20	67%	10	20	531
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	30	40	10	33%	10	20	531
27-2023	Umpires, Referees, and Other Sports Officials	80	80	0	0%	10	20	531
27-4032	Film and Video Editors	40	50	10	25%	10	20	531
29-1081	Podiatrists	90	90	0	0%	20	20	531
33-3011	Bailiffs	50	60	10	20%	10	20	531
39-2011	Animal Trainers	40	50	10	25%	10	20	531
39-5094	Skin Care Specialists	80	90	10	13%	20	20	531
39-6012	Concierges	60	70	10	17%	20	20	531
43-9111	Statistical Assistants	100	90	-10	-10%	20	20	531
47-2043	Floor Sanders and Finishers	130	120	-10	-8%	20	20	531
47-2142	Paperhangers	160	160	0	0%	20	20	531
47-5021	Earth Drillers, Except Oil and Gas	90	90	0	0%	20	20	531
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	60	70	10	17%	20	20	531
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	70	80	10	14%	20	20	531
49-3041	Farm Equipment Mechanics	90	90	0	0%	20	20	531
49-3052	Motorcycle Mechanics	70	80	10	14%	20	20	531
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	80	80	0	0%	20	20	531
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	531
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	70	70	0	0%	20	20	531
51-6051	Sewers, Hand	130	120	-10	-8%	20	20	531
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	70	60	-10	-14%	20	20	531
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	80	80	0	0%	20	20	531
51-8092	Gas Plant Operators	60	60	0	0%	20	20	531
51-9031	Cutters and Trimmers, Hand	80	80	0	0%	20	20	531
51-9071	Jewelers and Precious Stone and Metal Workers	120	110	-10	-8%	20	20	531
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	531
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	50	60	10	20%	10	20	531
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	120	130	10	8%	10	20	531
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	571
15-2091	Mathematical Technicians	20	30	10	50%	10	10	571
17-1021	Cartographers and Photogrammetrists	20	20	0	0%	10	10	571
17-2031	Biomedical Engineers	40	50	10	25%	10	10	571
19-1031	Conservation Scientists	30	30	0	0%	10	10	571
19-1032	Foresters	20	20	0	0%	10	10	571
19-2012	Physicists	20	20	0	0%	10	10	571
19-2021	Atmospheric and Space Scientists	20	20	0	0%	10	10	571
19-2032	Materials Scientists	20	30	10	50%	10	10	571
19-2042	Geoscientists, Except Hydrologists and Geographers	70	70	0	0%	10	10	571
19-2043	Hydrologists	40	50	10	25%	10	10	571
19-3011	Economists	30	30	0	0%	10	10	571
19-4041	Geological and Petroleum Technicians	20	20	0	0%	10	10	571
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	40	10	33%	0	10	571
23-1022	Arbitrators, Mediators, and Conciliators	50	50	0	0%	10	10	571
25-1032	Engineering Teachers, Postsecondary	20	30	10	50%	0	10	571
25-1113	Social Work Teachers, Postsecondary	20	30	10	50%	10	10	571
27-1022	Fashion Designers	50	40	-10	-20%	10	10	571
27-2011	Actors	70	70	0	0%	10	10	571
27-2021	Athletes and Sports Competitors	30	40	10	33%	10	10	571

27-3091	Interpreters and Translators	30	30	0	0%	0	10	571
29-2091	Orthotists and Prosthetists	40	40	0	0%	10	10	571
33-3041	Parking Enforcement Workers	40	40	0	0%	10	10	571
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	571
39-3092	Costume Attendants	30	30	0	0%	10	10	571
39-4011	Embalmers	30	30	0	0%	10	10	571
39-5093	Shampooers	60	60	0	0%	10	10	571
39-6022	Travel Guides	20	20	0	0%	10	10	571
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	40	50	10	25%	10	10	571
45-4021	Fallers	40	40	0	0%	10	10	571
45-4022	Logging Equipment Operators	30	30	0	0%	10	10	571
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	571
47-2011	Boilermakers	20	20	0	0%	10	10	571
47-2053	Terrazzo Workers and Finishers	40	50	10	25%	10	10	571
47-5041	Continuous Mining Machine Operators	40	40	0	0%	10	10	571
47-5081	Helpers--Extraction Workers	20	30	10	50%	10	10	571
49-2021	Radio Mechanics	40	30	-10	-25%	10	10	571
49-3022	Automotive Glass Installers and Repairers	30	40	10	33%	10	10	571
49-3043	Rail Car Repairers	20	20	0	0%	0	10	571
49-9064	Watch Repairers	20	20	0	0%	10	10	571
51-3023	Slaughterers and Meat Packers	30	40	10	33%	10	10	571
51-4192	Lay-Out Workers, Metal and Plastic	50	40	-10	-20%	10	10	571
51-6092	Fabric and Apparel Patternmakers	20	10	-10	-50%	10	10	571
51-8011	Nuclear Power Reactor Operators	40	40	0	0%	10	10	571
51-9194	Etchers and Engravers	40	40	0	0%	10	10	571
51-9197	Tire Builders	60	60	0	0%	10	10	571
53-7033	Loading Machine Operators, Underground Mining	40	40	0	0%	10	10	571
27-1027	Set and Exhibit Designers	20	20	0	0%	0	0	618
49-9096	Riggers	20	10	-10	-50%	0	0	618

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.