

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 06**

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>142,720</b>	<b>151,060</b>	<b>8,340</b>	<b>6%</b>	<b>34,970</b>	<b>46,260</b>	<b>\$30,930</b>	<b>NA</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>5,950</b>	<b>6,510</b>	<b>560</b>	<b>9%</b>	<b>1,120</b>	<b>1,700</b>	<b>\$69,814</b>	<b>NA</b>
11-1000	<i>Top Executives</i>	2,180	2,370	190	9%	400	600	NA	NA
11-1011	Chief Executives	450	490	40	9%	90	130	\$110,203	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	1,600	1,760	160	10%	300	460	\$79,911	Work experience plus bachelor's or higher degree
11-1031	Legislators	120	120	0	0%	20	20	\$24,396	NA
11-2000	<i>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</i>	370	430	60	16%	70	130	NA	NA
11-2011	Advertising and Promotions Managers	50	50	0	0%	10	10	\$49,441	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	80	90	10	13%	10	30	\$75,254	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	210	260	50	24%	40	90	\$83,676	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	30	30	0	0%	10	10	\$61,216	Work experience plus bachelor's or higher degree
11-3000	<i>Operations Specialties Managers</i>	1,120	1,230	110	10%	200	300	NA	NA
11-3011	Administrative Services Managers	120	130	10	8%	20	30	\$56,977	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	130	160	30	23%	20	50	\$69,302	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	290	310	20	7%	40	60	\$69,925	Work experience plus bachelor's or higher degree
11-3040	<i>Human Resources Managers</i>	140	150	10	7%	20	40	NA	NA
11-3051	Industrial Production Managers	300	330	30	10%	60	80	\$66,782	Bachelor's degree
11-3061	Purchasing Managers	60	60	0	0%	10	20	\$70,596	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	80	90	10	13%	20	30	\$70,134	Work experience in a related occupation
11-9000	<i>Other Management Occupations</i>	2,280	2,490	210	9%	450	670	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	100	110	10	10%	20	30	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	210	240	30	14%	40	60	\$63,040	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	\$38,133	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	240	270	30	13%	60	80	\$70,221	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	140	160	20	14%	40	60	\$53,231	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	30	30	0	0%	10	10	\$45,049	NA
11-9041	Engineering Managers	110	120	10	9%	20	30	\$78,784	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	410	440	30	7%	70	90	\$40,893	Work experience in a related occupation
11-9061	Funeral Directors	30	30	0	0%	10	10	NA	Associate degree
11-9081	Lodging Managers	40	40	0	0%	10	10	NA	Work experience in a related occupation
11-9111	Medical and Health Services Managers	230	290	60	26%	50	110	\$62,844	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	\$49,985	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	50	50	0	0%	10	10	\$48,954	Bachelor's degree
11-9151	Social and Community Service Managers	80	110	30	38%	20	40	\$38,430	Bachelor's degree
11-9199	Managers, All Other	470	480	10	2%	90	100	\$49,747	Work experience in a related occupation
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>2,930</b>	<b>3,280</b>	<b>350</b>	<b>12%</b>	<b>550</b>	<b>910</b>	<b>\$44,427</b>	<b>NA</b>
13-1000	<i>Business Operations Specialists</i>	1,410	1,570	160	11%	280	450	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	20	10	-10	-50%	10	10	NA	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	100	100	0	0%	30	30	\$33,413	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	230	250	20	9%	60	80	\$47,554	Bachelor's degree
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	70	70	0	0%	20	20	\$31,011	Long-term on-the-job training
13-1051	Cost Estimators	160	180	20	13%	40	60	\$43,181	Bachelor's degree
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	\$36,864	Bachelor's degree

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		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
13-1072	Compensation, Benefits, and Job Analysis Specialists	100	110	10	10%	20	30	\$44,109	Bachelor's degree
13-1073	Training and Development Specialists	100	130	30	30%	20	40	\$35,000	Bachelor's degree
13-1111	Management Analysts	100	130	30	30%	10	50	\$60,346	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	NA	Bachelor's degree
13-1199	Business Operations Specialists, All Other	380	420	40	11%	70	110	\$40,974	Bachelor's degree
13-2000	Financial Specialists	1,520	1,710	190	13%	270	460	NA	NA
13-2011	Accountants and Auditors	670	750	80	12%	130	210	\$52,592	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	190	190	0	0%	40	50	\$26,532	Postsecondary vocational training
13-2031	Budget Analysts	20	20	0	0%	0	10	\$55,696	Bachelor's degree
13-2041	Credit Analysts	50	60	10	20%	10	10	\$49,647	Bachelor's degree
13-2051	Financial Analysts	70	70	0	0%	10	20	\$61,850	Bachelor's degree
13-2052	Personal Financial Advisors	120	160	40	33%	20	50	\$48,209	Bachelor's degree
13-2071	Loan Counselors	30	30	0	0%	0	10	NA	Bachelor's degree
13-2072	Loan Officers	240	270	30	13%	40	70	\$46,151	Bachelor's degree
13-2082	Tax Preparers	40	50	10	25%	10	20	\$20,436	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	60	70	10	17%	10	20	\$47,061	Bachelor's degree
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>940</b>	<b>1,120</b>	<b>180</b>	<b>19%</b>	<b>130</b>	<b>300</b>	<b>\$49,977</b>	<b>NA</b>
15-1000	Computer Specialists	940	1,110	170	18%	130	300	NA	NA
15-1021	Computer Programmers	180	190	10	6%	40	50	\$42,835	Bachelor's degree
15-1031	Computer Software Engineers, Applications	170	220	50	29%	20	70	NA	Bachelor's degree
15-1041	Computer Support Specialists	170	190	20	12%	20	40	\$33,257	Associate degree
15-1051	Computer Systems Analysts	160	200	40	25%	20	60	\$62,590	Bachelor's degree
15-1061	Database Administrators	30	40	10	33%	0	10	\$38,236	Bachelor's degree
15-1071	Network and Computer Systems Administrators	120	140	20	17%	10	40	\$47,076	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	60	90	30	50%	10	40	NA	Bachelor's degree
15-1099	Computer Specialists, All Other	40	50	10	25%	10	10	\$38,152	Postsecondary vocational training
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>1,260</b>	<b>1,350</b>	<b>90</b>	<b>7%</b>	<b>300</b>	<b>410</b>	<b>\$54,273</b>	<b>NA</b>
17-1000	Architects, Surveyors, and Cartographers	90	100	10	11%	20	30	NA	NA
17-1011	Architects, Except Landscape and Naval	30	40	10	33%	0	10	\$42,103	Bachelor's degree
17-1012	Landscape Architects	30	30	0	0%	0	10	NA	Bachelor's degree
17-1022	Surveyors	30	30	0	0%	10	10	\$45,052	Bachelor's degree
17-2000	Engineers	780	840	60	8%	180	250	NA	NA
17-2051	Civil Engineers	20	20	0	0%	0	0	\$56,889	Bachelor's degree
17-2071	Electrical Engineers	50	40	-10	-20%	10	10	\$61,293	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	20	20	0	0%	10	10	\$57,717	Bachelor's degree
17-2112	Industrial Engineers	250	290	40	16%	60	100	\$61,565	Bachelor's degree
17-2131	Materials Engineers	30	30	0	0%	10	10	\$61,865	Bachelor's degree
17-2141	Mechanical Engineers	250	250	0	0%	70	70	\$58,242	Bachelor's degree
17-2199	Engineers, All Other	130	140	10	8%	30	40	\$69,260	Bachelor's degree
17-3000	Drafters, Engineering, and Mapping Technicians	390	410	20	5%	100	130	NA	NA
17-3011	Architectural and Civil Drafters	20	20	0	0%	10	10	\$35,277	Postsecondary vocational training
17-3013	Mechanical Drafters	120	110	-10	-8%	30	30	\$41,457	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	60	60	0	0%	10	20	\$49,335	Associate degree
17-3026	Industrial Engineering Technicians	60	60	0	0%	10	20	\$42,389	Associate degree
17-3027	Mechanical Engineering Technicians	40	50	10	25%	10	20	\$47,865	Associate degree
17-3031	Surveying and Mapping Technicians	50	60	10	20%	20	30	\$29,637	Moderate-term on-the-job training
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>490</b>	<b>540</b>	<b>50</b>	<b>10%</b>	<b>120</b>	<b>170</b>	<b>\$52,827</b>	<b>NA</b>
19-1000	Life Scientists	110	120	10	9%	30	40	NA	NA
19-1022	Microbiologists	20	20	0	0%	10	10	NA	Doctoral degree
19-1031	Conservation Scientists	20	20	0	0%	0	0	NA	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	NA	Doctoral degree
19-2000	Physical Scientists	80	90	10	13%	20	30	NA	NA

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19-2031	Chemists	50	50	0	0%	20	20	\$48,320	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	20	30	10	50%	0	10	\$45,664	Bachelor's degree
19-3000	<i>Social Scientists and Related Workers</i>	140	160	20	14%	30	60	NA	NA
19-3021	Market Research Analysts	40	50	10	25%	10	20	\$54,742	Bachelor's degree
19-3022	Survey Researchers	30	30	0	0%	10	10	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	60	80	20	33%	10	30	\$60,105	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	160	160	0	0%	40	50	NA	NA
19-4021	Biological Technicians	30	20	-10	-33%	10	10	NA	Associate degree
19-4031	Chemical Technicians	60	70	10	17%	20	20	\$30,060	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	40	50	10	25%	10	10	NA	Associate degree
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>1,640</b>	<b>2,130</b>	<b>490</b>	<b>30%</b>	<b>320</b>	<b>810</b>	<b>\$31,297</b>	<b>NA</b>
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	1,490	1,950	460	31%	290	750	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	\$34,685	Master's degree
21-1012	Educational, Vocational, and School Counselors	260	300	40	15%	60	90	\$41,496	Master's degree
21-1013	Marriage and Family Therapists	20	20	0	0%	0	10	\$33,204	Master's degree
21-1014	Mental Health Counselors	190	230	40	21%	40	90	\$28,859	Master's degree
21-1015	Rehabilitation Counselors	120	180	60	50%	30	90	\$24,991	Master's degree
21-1021	Child, Family, and School Social Workers	260	280	20	8%	50	70	\$31,033	Bachelor's degree
21-1022	Medical and Public Health Social Workers	90	110	20	22%	20	40	\$38,563	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	110	170	60	55%	20	70	\$34,166	Master's degree
21-1091	Health Educators	20	20	0	0%	0	10	\$35,763	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	40	40	0	0%	10	10	\$36,908	Bachelor's degree
21-1093	Social and Human Service Assistants	350	580	230	66%	60	280	\$23,787	Moderate-term on-the-job training
21-9000	<i>Miscellaneous Counselors, Social, &amp; Religious Workers</i>	140	170	30	21%	30	60	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	140	170	30	21%	30	60	NA	NA
<b>23-0000</b>	<b>Legal Occupations</b>	<b>420</b>	<b>490</b>	<b>70</b>	<b>17%</b>	<b>50</b>	<b>120</b>	<b>\$43,729</b>	<b>NA</b>
23-1000	<i>Lawyers, Judges, and Related Workers</i>	220	270	50	23%	30	80	NA	NA
23-1011	Lawyers	190	230	40	21%	20	70	\$57,686	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$63,650	Work experience plus bachelor's or higher degree
23-2000	<i>Legal Support Workers</i>	180	200	20	11%	20	40	NA	NA
23-2011	Paralegals and Legal Assistants	40	50	10	25%	0	10	\$34,394	Associate degree
23-2091	Court Reporters	80	80	0	0%	10	10	\$26,053	Postsecondary vocational training
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	\$25,407	Moderate-term on-the-job training
23-9000	<i>Miscellaneous Legal &amp; Related Workers</i>	20	20	0	0%	0	0	NA	NA
23-9099	Legal and Related Workers, All Other (OES Only)	20	20	0	0%	0	0	NA	NA
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>9,340</b>	<b>10,520</b>	<b>1,180</b>	<b>13%</b>	<b>1,990</b>	<b>3,180</b>	<b>\$39,564</b>	<b>NA</b>
25-1000	<i>Postsecondary Teachers</i>	2,390	2,960	570	24%	540	1,110	NA	NA
25-1011	Business Teachers, Postsecondary	70	90	20	29%	20	40	\$39,750	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	40	50	10	25%	10	20	NA	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	80	100	20	25%	20	40	\$38,594	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	20	20	0	0%	0	10	NA	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	40	50	10	25%	10	20	NA	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	\$49,649	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	20	NA	Master's degree
25-1081	Education Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	70	90	20	29%	20	40	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	40	50	10	25%	10	20	NA	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1125	History Teachers, Postsecondary	20	20	0	0%	0	10	NA	Doctoral degree

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25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1191	Graduate Teaching Assistants	710	860	150	21%	160	320	NA	Bachelor's degree
25-1194	Vocational Education Teachers, Postsecondary	110	140	30	27%	30	50	NA	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	950	1,180	230	24%	210	440	NA	Doctoral degree
<b>25-2000</b>	<b>Primary, Secondary, and Special Education School Teachers</b>	<b>4,260</b>	<b>4,510</b>	<b>250</b>	<b>6%</b>	<b>970</b>	<b>1,220</b>	<b>NA</b>	<b>NA</b>
25-2011	Preschool Teachers, Except Special Education	250	270	20	8%	30	60	\$20,586	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	330	380	50	15%	40	90	NA	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	1,470	1,520	50	3%	330	380	\$45,375	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	600	580	-20	-3%	130	130	\$43,605	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	30	30	0	0%	10	10	\$49,963	NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,190	1,260	70	6%	330	410	\$44,561	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	120	120	0	0%	30	30	\$52,904	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	110	130	20	18%	30	50	\$45,472	Bachelor's degree
25-2042	Special Education Teachers, Middle School	70	80	10	14%	20	30	\$45,676	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	100	110	10	10%	20	40	\$44,711	Bachelor's degree
<b>25-3000</b>	<b>Other Teachers and Instructors</b>	<b>1,020</b>	<b>1,230</b>	<b>210</b>	<b>21%</b>	<b>130</b>	<b>330</b>	<b>NA</b>	<b>NA</b>
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	130	140	10	8%	20	30	NA	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	70	80	10	14%	10	20	\$26,406	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	820	1,010	190	23%	100	280	NA	NA
<b>25-4000</b>	<b>Librarians, Curators, and Archivists</b>	<b>310</b>	<b>320</b>	<b>10</b>	<b>3%</b>	<b>90</b>	<b>110</b>	<b>NA</b>	<b>NA</b>
25-4021	Librarians	150	150	0	0%	40	40	\$44,112	Master's degree
25-4031	Library Technicians	150	160	10	7%	60	70	\$29,831	Short-term on-the-job training
<b>25-9000</b>	<b>Other Education, Training, and Library Occupations</b>	<b>1,360</b>	<b>1,510</b>	<b>150</b>	<b>11%</b>	<b>260</b>	<b>410</b>	<b>NA</b>	<b>NA</b>
25-9031	Instructional Coordinators	30	30	0	0%	0	10	\$53,626	Master's degree
25-9041	Teacher Assistants	1,320	1,460	140	11%	260	390	\$18,555	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	20	20	0	0%	0	10	NA	NA
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>2,000</b>	<b>2,140</b>	<b>140</b>	<b>7%</b>	<b>380</b>	<b>550</b>	<b>\$30,692</b>	<b>NA</b>
<b>27-1000</b>	<b>Art and Design Workers</b>	<b>860</b>	<b>930</b>	<b>70</b>	<b>8%</b>	<b>150</b>	<b>230</b>	<b>NA</b>	<b>NA</b>
27-1011	Art Directors	40	40	0	0%	10	10	\$34,640	Work experience plus bachelor's or higher degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	300	340	40	13%	70	100	NA	Long-term on-the-job training
27-1021	Commercial and Industrial Designers	80	80	0	0%	10	20	\$59,086	Bachelor's degree
27-1023	Floral Designers	120	110	-10	-8%	20	20	\$30,118	Moderate-term on-the-job training
27-1024	Graphic Designers	120	140	20	17%	20	30	\$33,873	Bachelor's degree
27-1025	Interior Designers	40	40	0	0%	10	10	\$29,314	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	140	150	10	7%	30	40	NA	NA
<b>27-2000</b>	<b>Entertainers and Performers, Sports and Related Workers</b>	<b>300</b>	<b>320</b>	<b>20</b>	<b>7%</b>	<b>60</b>	<b>80</b>	<b>NA</b>	<b>NA</b>
27-2022	Coaches and Scouts	240	260	20	8%	50	70	\$22,735	Long-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	30	30	0	0%	0	0	NA	Long-term on-the-job training
<b>27-3000</b>	<b>Media and Communication Workers</b>	<b>450</b>	<b>480</b>	<b>30</b>	<b>7%</b>	<b>90</b>	<b>130</b>	<b>NA</b>	<b>NA</b>
27-3010	Announcers	110	100	-10	-9%	30	30	NA	NA
27-3020	News Analysts, Reporters and Correspondents	50	60	10	20%	10	20	NA	NA
27-3031	Public Relations Specialists	150	180	30	20%	20	50	\$40,259	Bachelor's degree
27-3041	Editors	40	50	10	25%	10	10	\$38,603	Bachelor's degree
27-3042	Technical Writers	20	20	0	0%	10	10	NA	Bachelor's degree
27-3099	Media and Communication Workers, All Other	50	60	10	20%	10	10	NA	Long-term on-the-job training
<b>27-4000</b>	<b>Media and Communication Equipment Workers</b>	<b>390</b>	<b>410</b>	<b>20</b>	<b>5%</b>	<b>80</b>	<b>100</b>	<b>NA</b>	<b>NA</b>
27-4011	Audio and Video Equipment Technicians	30	30	0	0%	10	10	NA	Long-term on-the-job training
27-4021	Photographers	310	330	20	6%	60	80	NA	Long-term on-the-job training
27-4099	Media and Communication Equipment Workers, All Other	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>8,490</b>	<b>10,020</b>	<b>1,530</b>	<b>18%</b>	<b>1,610</b>	<b>3,160</b>	<b>\$45,932</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>	
29-1000	Health Diagnosing and Treating Practitioners	4,320	5,240	920	21%	870	1,790	NA NA	
29-1020	Dentists	110	110	0	0%	20	20	NA NA	
29-1031	Dietitians and Nutritionists	60	80	20	33%	20	30	\$36,116 Bachelor's degree	
29-1041	Optometrists	30	30	0	0%	10	10	NA First professional degree	
29-1051	Pharmacists	250	300	50	20%	50	100	\$87,578 First professional degree	
29-1061	Anesthesiologists	20	20	0	0%	0	0	\$185,861 First professional degree	
29-1062	Family and General Practitioners	240	290	50	21%	30	80	\$140,939 First professional degree	
29-1065	Pediatricians, General	20	20	0	0%	0	10	NA First professional degree	
29-1066	Psychiatrists	40	50	10	25%	10	10	\$166,826 First professional degree	
29-1067	Surgeons	80	90	10	13%	10	30	NA First professional degree	
29-1069	Physicians and Surgeons, All Other	70	70	0	0%	10	10	NA NA	
29-1071	Physician Assistants	20	30	10	50%	0	10	NA Bachelor's degree	
29-1111	Registered Nurses	2,690	3,350	660	25%	560	1,220	\$42,612 Associate degree	
29-1122	Occupational Therapists	110	130	20	18%	20	40	\$51,780 Bachelor's degree	
29-1123	Physical Therapists	150	180	30	20%	20	40	\$52,571 Master's degree	
29-1125	Recreational Therapists	70	70	0	0%	20	20	\$27,539 Bachelor's degree	
29-1126	Respiratory Therapists	150	190	40	27%	50	90	\$38,894 Associate degree	
29-1127	Speech-Language Pathologists	110	120	10	9%	30	40	\$47,432 Master's degree	
29-1131	Veterinarians	30	30	0	0%	10	10	\$73,829 First professional degree	
29-1199	Health Diagnosing and Treating Practitioners, All Other	30	40	10	33%	10	20	NA First professional degree	
29-2000	Health Technologists and Technicians	4,080	4,670	590	14%	720	1,330	NA NA	
29-2011	Medical and Clinical Laboratory Technologists	250	300	50	20%	70	120	\$42,218 Bachelor's degree	
29-2012	Medical and Clinical Laboratory Technicians	170	190	20	12%	50	70	\$31,248 Associate degree	
29-2021	Dental Hygienists	50	60	10	20%	0	20	NA Associate degree	
29-2031	Cardiovascular Technologists and Technicians	40	50	10	25%	10	20	\$33,180 Associate degree	
29-2032	Diagnostic Medical Sonographers	60	80	20	33%	10	30	\$47,384 Associate degree	
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	\$55,307 NA	
29-2034	Radiologic Technologists and Technicians	180	220	40	22%	30	70	\$38,018 Associate degree	
29-2041	Emergency Medical Technicians and Paramedics	270	310	40	15%	30	80	\$25,436 Postsecondary vocational training	
29-2051	Dietetic Technicians	30	40	10	33%	0	10	\$22,374 Moderate-term on-the-job training	
29-2052	Pharmacy Technicians	350	430	80	23%	50	120	\$23,361 Moderate-term on-the-job training	
29-2053	Psychiatric Technicians	730	720	-10	-1%	100	100	\$25,530 Postsecondary vocational training	
29-2054	Respiratory Therapy Technicians	40	60	20	50%	10	20	NA Postsecondary vocational training	
29-2055	Surgical Technologists	150	210	60	40%	20	80	\$34,583 Postsecondary vocational training	
29-2056	Veterinary Technologists and Technicians	30	30	0	0%	0	10	NA Associate degree	
29-2061	Licensed Practical and Licensed Vocational Nurses	1,320	1,420	100	8%	290	380	\$31,285 Postsecondary vocational training	
29-2071	Medical Records and Health Information Technicians	230	350	120	52%	30	160	\$23,638 Associate degree	
29-2081	Opticians, Dispensing	110	110	0	0%	20	20	\$20,352 Long-term on-the-job training	
29-2091	Orthotists and Prosthetists	50	70	20	40%	10	30	NA Bachelor's degree	
29-9000	Other Healthcare Practitioners and Technical Occupations	60	60	0	0%	10	20	NA NA	
29-9010	Occupational Health and Safety Specialists and Technicians	40	40	0	0%	10	10	NA NA	
29-9091	Athletic Trainers	20	20	0	0%	0	10	NA Bachelor's degree	
29-9100	Other Health Practitioners And Technical Workers	40	50	10	25%	10	20	NA NA	
29-9199	Health Professionals and Technicians, All Other (OES Only)	40	50	10	25%	10	20	NA NA	
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>4,780</b>	<b>5,930</b>	<b>1,150</b>	<b>24%</b>	<b>730</b>	<b>1,880</b>	<b>\$20,714 NA</b>	
31-1000	Nursing, Psychiatric, and Home Health Aides	3,310	3,910	600	18%	430	1,030	NA NA	
31-1011	Home Health Aides	1,220	1,580	360	30%	160	510	\$18,580 Short-term on-the-job training	
31-1012	Nursing Aides, Orderlies, and Attendants	2,090	2,330	240	11%	270	520	\$19,005 Short-term on-the-job training	
31-2000	Occupational and Physical Therapist Assistants and Aides	90	130	40	44%	20	50	NA NA	
31-2021	Physical Therapist Assistants	60	90	30	50%	10	30	\$40,927 Associate degree	
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	\$22,875 Short-term on-the-job training	
31-9000	Other Healthcare Support Occupations	1,380	1,890	510	37%	280	800	NA NA	
31-9091	Dental Assistants	280	360	80	29%	80	160	\$29,680 Moderate-term on-the-job training	
31-9092	Medical Assistants	650	1,020	370	57%	120	490	\$25,059 Moderate-term on-the-job training	
31-9093	Medical Equipment Preparers	40	50	10	25%	10	10	\$23,334 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>	
31-9094	Medical Transcriptionists	140	180	40	29%	30	60	\$25,193	Postsecondary vocational training
31-9095	Pharmacy Aides	100	110	10	10%	20	30		NA Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	120	120	0	0%	20	20		NA Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	40	40	0	0%	10	10		NA Short-term on-the-job training
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>2,320</b>	<b>2,540</b>	<b>220</b>	<b>9%</b>	<b>680</b>	<b>920</b>	<b>\$28,305</b>	<b>NA</b>
33-1000	First-Line Supervisors/Managers, Protective Service Workers	230	250	20	9%	80	100		NA NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	70	0	0%	20	30	\$30,237	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	70	70	0	0%	20	30	\$45,049	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	70	80	10	14%	30	40		NA Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	30	0	0%	10	10	\$32,734	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	310	360	50	16%	90	140		NA NA
33-2011	Fire Fighters	300	350	50	17%	90	130	\$37,440	Long-term on-the-job training
33-3000	Law Enforcement Workers	1,090	1,250	160	15%	260	420		NA NA
33-3011	Bailiffs	50	50	0	0%	10	10		NA NA
33-3012	Correctional Officers and Jailers	370	420	50	14%	80	120	\$23,971	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	60	70	10	17%	20	20	\$38,308	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	610	720	110	18%	160	270	\$32,096	Long-term on-the-job training
33-9000	Other Protective Service Workers	690	680	-10	-1%	250	270		NA NA
33-9011	Animal Control Workers	20	20	0	0%	20	20	\$19,230	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	\$22,244	Work experience in a related occupation
33-9032	Security Guards	400	390	-10	-3%	90	90	\$21,406	Short-term on-the-job training
33-9091	Crossing Guards	70	80	10	14%	20	30	\$15,733	NA
33-9099	Protective Service Workers, All Other	170	190	20	12%	120	130		NA Short-term on-the-job training
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>11,710</b>	<b>12,740</b>	<b>1,030</b>	<b>9%</b>	<b>4,540</b>	<b>5,660</b>	<b>\$15,796</b>	<b>NA</b>
35-1000	Supervisors, Food Preparation and Serving Workers	1,100	1,180	80	7%	270	340		NA NA
35-1011	Chefs and Head Cooks	80	90	10	13%	30	40	\$33,025	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	1,020	1,080	60	6%	240	310	\$24,059	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	4,030	4,200	170	4%	1,310	1,580		NA NA
35-2011	Cooks, Fast Food	650	650	0	0%	200	200	\$14,551	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	830	730	-100	-12%	260	260	\$17,902	Long-term on-the-job training
35-2014	Cooks, Restaurant	840	980	140	17%	260	390	\$18,579	Long-term on-the-job training
35-2015	Cooks, Short Order	300	320	20	7%	90	110	\$15,363	Short-term on-the-job training
35-2021	Food Preparation Workers	1,400	1,520	120	9%	500	610	\$14,920	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	5,610	6,300	690	12%	2,640	3,330		NA NA
35-3011	Bartenders	440	450	10	2%	170	190	\$15,521	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,750	3,120	370	13%	1,190	1,560	\$13,984	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	380	20	6%	230	250	\$14,205	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,960	2,240	280	14%	1,010	1,290	\$13,434	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	110	110	0	0%	40	40	\$18,122	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	970	1,070	100	10%	320	420		NA NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	230	260	30	13%	80	110	\$13,561	Short-term on-the-job training
35-9021	Dishwashers	430	450	20	5%	140	170	\$14,013	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	270	310	40	15%	90	130	\$15,266	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	50	50	0	0%	10	20		NA Short-term on-the-job training
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>4,220</b>	<b>4,420</b>	<b>200</b>	<b>5%</b>	<b>840</b>	<b>1,040</b>	<b>\$21,174</b>	<b>NA</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	360	380	20	6%	70	90		NA NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	250	260	10	4%	60	70	\$29,471	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	110	120	10	9%	10	20	\$29,825	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	3,020	3,160	140	5%	590	730		NA NA

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>	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,170	2,290	120	6%	410	540	\$21,450	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	820	830	10	1%	170	180	\$15,695	Short-term on-the-job training
37-2021	Pest Control Workers	40	40	0	0%	10	10	\$24,201	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	840	890	50	6%	180	230	NA NA	
37-3011	Landscaping and Groundskeeping Workers	690	740	50	7%	150	200	\$21,612	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	60	60	0	0%	10	20	NA	Moderate-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES)	90	90	0	0%	20	20	NA NA	
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>3,450</b>	<b>3,750</b>	<b>300</b>	<b>9%</b>	<b>860</b>	<b>1,190</b>	<b>\$21,104</b>	<b>NA</b>
39-1000	Supervisors, Personal Care and Service Workers	240	240	0	0%	60	60	NA NA	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	240	240	0	0%	60	60	\$30,273	Work experience in a related occupation
39-2000	Animal Care and Service Workers	80	80	0	0%	20	30	NA NA	
39-2021	Nonfarm Animal Caretakers	80	80	0	0%	20	30	\$19,772	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	350	390	40	11%	140	170	NA NA	
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	130	0	0%	70	80	NA	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	100	120	20	20%	30	40	\$14,903	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	40	40	0	0%	10	10	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	90	100	10	11%	30	40	NA NA	
39-4000	Funeral Service Workers	150	170	20	13%	30	50	NA NA	
39-4011	Embalmers	30	30	0	0%	10	10	\$34,799	NA
39-4021	Funeral Attendants	130	140	10	8%	30	40	\$17,580	Short-term on-the-job training
39-5000	Personal Appearance Workers	490	470	-20	-4%	100	100	NA NA	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	440	420	-20	-5%	90	90	\$24,964	Postsecondary vocational training
39-5094	Skin Care Specialists	50	50	0	0%	10	10	NA	Postsecondary vocational training
39-9000	Other Personal Care and Service Workers	2,130	2,400	270	13%	510	790	NA NA	
39-9011	Child Care Workers	1,240	1,360	120	10%	340	450	\$17,844	Short-term on-the-job training
39-9021	Personal and Home Care Aides	380	460	80	21%	60	150	\$20,337	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	190	240	50	26%	50	100	\$22,794	Postsecondary vocational training
39-9032	Recreation Workers	100	110	10	10%	20	30	\$22,042	Bachelor's degree
39-9041	Residential Advisors	180	190	10	6%	40	50	NA	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	30	40	10	33%	10	10	\$18,487	Moderate-term on-the-job training
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>14,360</b>	<b>14,940</b>	<b>580</b>	<b>4%</b>	<b>5,050</b>	<b>5,650</b>	<b>\$24,488</b>	<b>NA</b>
41-1000	Supervisors, Sales Workers	2,420	2,460	40	2%	440	480	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,050	2,080	30	1%	370	400	\$36,691	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	380	380	0	0%	70	70	\$59,430	Work experience in a related occupation
41-2000	Retail Sales Workers	9,530	9,890	360	4%	4,060	4,430	NA NA	
41-2011	Cashiers	4,850	5,010	160	3%	2,360	2,520	\$15,096	Short-term on-the-job training
41-2021	Counter and Rental Clerks	600	610	10	2%	230	230	\$17,942	Short-term on-the-job training
41-2022	Parts Salespersons	220	200	-20	-9%	60	60	\$25,446	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,870	4,080	210	5%	1,410	1,620	\$19,728	Short-term on-the-job training
41-3000	Sales Representatives, Services	550	580	30	5%	110	150	NA NA	
41-3011	Advertising Sales Agents	120	120	0	0%	20	30	\$31,900	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	270	300	30	11%	70	90	\$42,260	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	100	110	10	10%	10	20	NA	Bachelor's degree
41-3041	Travel Agents	60	60	0	0%	10	10	\$28,338	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	970	1,060	90	9%	250	340	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	130	130	0	0%	30	40	\$60,047	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	840	920	80	10%	220	300	\$48,577	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	890	960	70	8%	190	260	NA NA	

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>	
41-9011	Demonstrators and Product Promoters	240	280	40	17%	50	90	\$27,372	Moderate-term on-the-job training
41-9021	Real Estate Brokers	50	50	0	0%	10	10		NA Work experience in a related occupation
41-9022	Real Estate Sales Agents	150	150	0	0%	30	30	\$59,205	Postsecondary vocational training
41-9031	Sales Engineers	60	60	0	0%	20	20	\$73,843	Bachelor's degree
41-9041	Telemarketers	130	130	0	0%	20	20	\$17,916	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	90	90	0	0%	20	20		NA Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	180	200	20	11%	30	50	\$25,323	Moderate-term on-the-job training
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>21,390</b>	<b>21,090</b>	<b>-300</b>	<b>-1%</b>	<b>5,060</b>	<b>5,800</b>	<b>\$24,767</b>	<b>NA</b>
43-1000	Supervisors, Office and Administrative Support Workers	1,410	1,370	-40	-3%	300	300	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wor	1,410	1,370	-40	-3%	300	300	\$37,567	Work experience in a related occupation
43-2000	Communications Equipment Operators	250	230	-20	-8%	60	60	NA	NA
43-2011	Switchboard Operators, Including Answering Service	210	200	-10	-5%	50	50	\$20,644	Short-term on-the-job training
43-2099	Communications Equipment Operators, All Other	30	20	-10	-33%	10	10		NA Short-term on-the-job training
43-3000	Financial Clerks	4,390	4,310	-80	-2%	1,080	1,160	NA	NA
43-3011	Bill and Account Collectors	300	360	60	20%	60	120	\$25,665	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	490	490	0	0%	80	80	\$24,576	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,310	2,200	-110	-5%	430	430	\$26,020	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	500	470	-30	-6%	130	130	\$23,968	Short-term on-the-job training
43-3061	Procurement Clerks	50	50	0	0%	10	10	\$25,473	Short-term on-the-job training
43-3071	Tellers	730	740	10	1%	360	370	\$19,537	Short-term on-the-job training
43-4000	Information and Record Clerks	4,330	4,690	360	8%	1,010	1,490	NA	NA
43-4011	Brokerage Clerks	40	30	-10	-25%	10	10		NA Moderate-term on-the-job training
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	\$23,478	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	\$31,147	Short-term on-the-job training
43-4051	Customer Service Representatives	1,200	1,330	130	11%	180	310	\$25,934	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	70	60	-10	-14%	20	20	\$25,707	Moderate-term on-the-job training
43-4071	File Clerks	180	170	-10	-6%	60	60	\$21,250	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	\$14,097	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	110	130	20	18%	30	50	\$23,445	Short-term on-the-job training
43-4121	Library Assistants, Clerical	470	540	70	15%	190	260		NA Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	160	130	-30	-19%	20	20	\$25,695	Short-term on-the-job training
43-4141	New Accounts Clerks	80	80	0	0%	20	20	\$22,903	Work experience in a related occupation
43-4151	Order Clerks	290	230	-60	-21%	70	70	\$25,067	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	170	190	20	12%	40	60	\$28,511	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	1,110	1,320	210	19%	270	480	\$20,121	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	260	250	-10	-4%	40	40		NA NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	4,020	3,780	-240	-6%	1,170	1,230	NA	NA
43-5011	Cargo and Freight Agents	60	70	10	17%	10	20	\$44,194	Moderate-term on-the-job training
43-5021	Couriers and Messengers	170	160	-10	-6%	40	40	\$19,266	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	\$22,378	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	100	100	0	0%	20	30	\$28,564	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	90	90	0	0%	30	30	\$28,803	NA
43-5051	Postal Service Clerks	90	90	0	0%	20	20	\$43,184	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	450	440	-10	-2%	140	140	\$41,866	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operat	160	140	-20	-13%	40	40	\$38,968	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	280	290	10	4%	70	80	\$37,744	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	830	800	-30	-4%	170	170	\$26,646	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,520	1,310	-210	-14%	560	560	\$18,215	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	160	180	20	13%	40	70	\$24,702	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	3,560	3,450	-110	-3%	680	790	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	1,140	1,130	-10	-1%	220	220	\$28,852	Moderate-term on-the-job training
43-6012	Legal Secretaries	170	210	40	24%	30	70	\$24,438	Postsecondary vocational training
43-6013	Medical Secretaries	460	520	60	13%	90	150	\$26,290	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,790	1,590	-200	-11%	340	340	\$22,621	Moderate-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>	
43-9000	Other Office and Administrative Support Workers	3,440	3,280	-160	-5%	750	780	NA NA	
43-9011	Computer Operators	130	100	-30	-23%	30	30	\$26,351	Moderate-term on-the-job training
43-9021	Data Entry Keyers	170	140	-30	-18%	40	40	\$21,503	Moderate-term on-the-job training
43-9022	Word Processors and Typists	160	90	-70	-44%	40	40	\$23,077	Moderate-term on-the-job training
43-9031	Desktop Publishers	30	30	0	0%	10	10	\$26,480	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	170	170	0	0%	30	30	\$22,620	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	\$18,659	Short-term on-the-job training
43-9061	Office Clerks, General	2,360	2,380	20	1%	520	540	\$20,953	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	\$20,522	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	NA	Short-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	360	320	-40	-11%	80	80	NA NA	
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>430</b>	<b>450</b>	<b>20</b>	<b>5%</b>	<b>120</b>	<b>130</b>	<b>\$22,508 NA</b>	
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	20	20	0	0%	10	10	NA NA	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Work	20	20	0	0%	10	10	NA	Work experience in a related occupation
45-2000	Agricultural Workers	370	380	10	3%	100	120	NA NA	
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	270	280	10	4%	80	80	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	30	40	10	33%	10	20	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	40	30	-10	-25%	10	10	NA NA	
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	40	30	-10	-25%	10	10	NA NA	
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>5,940</b>	<b>6,330</b>	<b>390</b>	<b>7%</b>	<b>1,160</b>	<b>1,600</b>	<b>\$36,678 NA</b>	
47-1000	Supervisors, Construction and Extraction Workers	710	790	80	11%	120	200	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	710	790	80	11%	120	200	\$46,091	Work experience in a related occupation
47-2000	Construction Trades Workers	4,450	4,680	230	5%	840	1,130	NA NA	
47-2021	Brickmasons and Blockmasons	100	100	0	0%	20	20	NA	Long-term on-the-job training
47-2022	Stonemasons	80	90	10	13%	10	10	NA	Long-term on-the-job training
47-2031	Carpenters	620	650	30	5%	100	130	\$32,227	Long-term on-the-job training
47-2041	Carpet Installers	20	30	10	50%	0	10	NA	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	50	20	-30	-60%	10	10	NA	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	60	70	10	17%	10	20	NA	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	30	40	10	33%	10	10	\$35,517	Long-term on-the-job training
47-2061	Construction Laborers	720	770	50	7%	100	140	\$27,015	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	100	120	20	20%	10	30	NA	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	290	320	30	10%	70	100	\$33,797	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	110	80	-30	-27%	20	20	\$37,565	Moderate-term on-the-job training
47-2082	Tapers	30	40	10	33%	10	10	NA	Moderate-term on-the-job training
47-2111	Electricians	860	960	100	12%	170	260	\$50,636	Long-term on-the-job training
47-2121	Glaziers	30	30	0	0%	10	10	NA	Long-term on-the-job training
47-2130	Insulation Workers	80	80	0	0%	20	20	NA NA	
47-2141	Painters, Construction and Maintenance	200	220	20	10%	30	50	\$27,728	Moderate-term on-the-job training
47-2151	Pipelayers	110	120	10	9%	30	30	\$32,892	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	430	430	0	0%	100	100	\$43,018	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	20	20	0	0%	0	10	\$35,822	Long-term on-the-job training
47-2181	Roofers	240	260	20	8%	60	70	\$29,968	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	170	170	0	0%	40	40	\$49,363	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	100	100	0	0%	20	30	NA	Long-term on-the-job training
47-3000	Helpers, Construction Trades	250	270	20	8%	100	120	NA NA	
47-3012	Helpers--Carpenters	120	130	10	8%	50	60	\$22,436	Short-term on-the-job training
47-3013	Helpers--Electricians	30	30	0	0%	10	10	NA	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	\$21,725	Short-term on-the-job training
47-3016	Helpers--Roofers	30	30	0	0%	10	10	\$20,892	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	20	20	0	0%	10	10	\$25,054	Short-term on-the-job training

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>
47-4000	<i>Other Construction and Related Workers</i>	310	330	20	6%	50	70	NA NA	
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	\$31,231	Work experience in a related occupation
47-4051	Highway Maintenance Workers	250	260	10	4%	40	50	\$24,752	Moderate-term on-the-job training
47-4900	<i>All Other Construction Trades and Related Workers</i>	170	220	50	29%	30	70	NA NA	
47-4999	Construction Trades and Related Workers, All Other (OES Only)	170	220	50	29%	30	70	NA NA	
47-5000	<i>Extraction Workers</i>	50	60	10	20%	10	20	NA NA	
47-5021	Earth Drillers, Except Oil and Gas	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	30	30	0	0%	10	10	NA	Short-term on-the-job training
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>5,790</b>	<b>6,220</b>	<b>430</b>	<b>7%</b>	<b>1,360</b>	<b>1,850</b>	<b>\$34,129</b>	<b>NA</b>
49-1000	<i>Supervisors of Installation, Maintenance, and Repair Workers</i>	660	720	60	9%	160	230	NA NA	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	660	720	60	9%	160	230	\$47,939	Work experience in a related occupation
49-2000	<i>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</i>	270	270	0	0%	50	70	NA NA	
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	40	0	0%	0	10	\$25,183	Postsecondary vocational training
49-2021	Radio Mechanics	20	10	-10	-50%	0	0	NA	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	100	90	-10	-10%	20	20	\$43,601	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	30	30	0	0%	10	10	\$39,707	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	10	-10	-50%	0	0	NA	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30	40	10	33%	10	10	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	30	0	0%	10	10	NA	Postsecondary vocational training
49-3000	<i>Vehicle and Mobile Equipment Mechanics, Installers</i>	1,780	1,900	120	7%	490	610	NA NA	
49-3021	Automotive Body and Related Repairers	140	150	10	7%	30	30	\$24,879	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	NA	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	820	880	60	7%	220	280	\$29,439	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	350	390	40	11%	90	130	\$30,479	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	80	80	0	0%	20	20	\$22,472	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	\$32,064	Postsecondary vocational training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
49-3091	Bicycle Repairers	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	90	100	10	11%	40	50	\$31,926	Long-term on-the-job training
49-3093	Tire Repairers and Changers	130	130	0	0%	50	50	\$21,344	Short-term on-the-job training
49-9000	<i>Other Installation, Maintenance, and Repair Occupations</i>	3,080	3,340	260	8%	650	940	NA NA	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	130	160	30	23%	20	50	\$32,582	Long-term on-the-job training
49-9031	Home Appliance Repairers	80	70	-10	-13%	20	20	\$31,483	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	\$41,306	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,810	1,980	170	9%	350	520	\$32,655	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	110	130	20	18%	30	40	\$29,939	Long-term on-the-job training
49-9044	Millwrights	170	160	-10	-6%	40	40	\$56,718	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	20	20	0	0%	0	10	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	90	80	-10	-11%	30	30	\$51,900	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	60	70	10	17%	20	30	\$34,448	Long-term on-the-job training
49-9062	Medical Equipment Repairers	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	30	40	10	33%	10	10	\$27,276	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	\$27,767	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	150	160	10	7%	50	60	\$24,800	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	120	140	20	17%	30	40	\$28,389	Long-term on-the-job training
<b>51-0000</b>	<b>Production Occupations</b>	<b>23,260</b>	<b>22,610</b>	<b>-650</b>	<b>-3%</b>	<b>5,540</b>	<b>6,170</b>	<b>\$31,515</b>	<b>NA</b>
51-1000	<i>Supervisors, Production Workers</i>	1,630	1,760	130	8%	340	480	NA NA	
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,630	1,760	130	8%	340	480	\$43,154	Work experience in a related occupation
51-2000	<i>Assemblers and Fabricators</i>	4,830	4,310	-520	-11%	1,250	1,250	NA NA	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	20	20	0	0%	10	10	NA	Long-term on-the-job training
51-2021	Coil Winders, Tapers, and Finishers	300	220	-80	-27%	70	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>	
51-2022	Electrical and Electronic Equipment Assemblers	110	120	10	9%	30	30	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	420	390	-30	-7%	120	120	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	80	50	-30	-38%	20	20	\$30,713	Moderate-term on-the-job training
51-2092	Team Assemblers	2,720	2,500	-220	-8%	700	700	\$36,624	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	1,180	1,000	-180	-15%	300	300	NA	Moderate-term on-the-job training
<i>51-3000</i>	<i>Food Processing Workers</i>	<i>440</i>	<i>430</i>	<i>-10</i>	<i>-2%</i>	<i>100</i>	<i>120</i>	<i>NA</i>	<i>NA</i>
51-3011	Bakers	210	220	10	5%	50	60	\$20,986	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	150	120	-30	-20%	30	30	\$24,600	Long-term on-the-job training
51-3023	Slaughterers and Meat Packers	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
51-3092	Food Batchmakers	20	30	10	50%	10	10	NA	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	\$19,550	Short-term on-the-job training
<i>51-4000</i>	<i>Metal Workers and Plastic Workers</i>	<i>8,600</i>	<i>8,360</i>	<i>-240</i>	<i>-3%</i>	<i>2,020</i>	<i>2,190</i>	<i>NA</i>	<i>NA</i>
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	950	970	20	2%	160	180	\$34,654	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	30	30	0	0%	10	10	\$38,398	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	300	290	-10	-3%	100	100	\$34,213	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	140	120	-20	-14%	20	20	\$32,961	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	70	60	-10	-14%	20	20	NA	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	710	640	-70	-10%	170	170	\$27,025	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	310	310	0	0%	90	90	\$38,853	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	430	410	-20	-5%	80	80	\$40,353	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	760	720	-40	-5%	150	150	\$36,228	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	190	190	0	0%	30	30	NA	Moderate-term on-the-job training
51-4041	Machinists	790	730	-60	-8%	180	180	\$31,461	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	100	90	-10	-10%	20	20	\$28,763	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	90	70	-20	-22%	20	20	\$32,969	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	100	90	-10	-10%	30	30	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,050	1,120	70	7%	260	320	\$23,211	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	360	370	10	3%	100	110	\$27,524	Moderate-term on-the-job training
51-4111	Tool and Die Makers	690	610	-80	-12%	160	160	\$47,375	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	790	850	60	8%	220	290	\$28,026	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	90	80	-10	-11%	20	20	NA	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	280	260	-20	-7%	90	90	\$38,117	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	20	20	0	0%	0	10	\$42,217	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	70	80	10	14%	20	20	NA	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	220	180	-40	-18%	70	70	\$27,205	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	60	50	-10	-17%	10	10	NA	Moderate-term on-the-job training
<i>51-5000</i>	<i>Printing Workers</i>	<i>620</i>	<i>610</i>	<i>-10</i>	<i>-2%</i>	<i>150</i>	<i>160</i>	<i>NA</i>	<i>NA</i>
51-5011	Bindery Workers	70	60	-10	-14%	20	20	NA	Moderate-term on-the-job training
51-5021	Job Printers	90	100	10	11%	20	30	\$33,165	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	150	140	-10	-7%	40	40	\$29,064	Long-term on-the-job training
51-5023	Printing Machine Operators	310	320	10	3%	70	80	\$25,406	Moderate-term on-the-job training
<i>51-6000</i>	<i>Textile, Apparel, and Furnishings Workers</i>	<i>1,150</i>	<i>1,080</i>	<i>-70</i>	<i>-6%</i>	<i>220</i>	<i>260</i>	<i>NA</i>	<i>NA</i>
51-6011	Laundry and Dry-Cleaning Workers	400	330	-70	-18%	110	110	\$17,545	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	60	40	-20	-33%	10	10	\$17,275	Short-term on-the-job training
51-6031	Sewing Machine Operators	390	370	-20	-5%	50	50	\$20,032	Moderate-term on-the-job training
51-6051	Sewers, Hand	110	120	10	9%	20	20	NA	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	0	0	\$18,673	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	NA	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Plastic Materials	90	120	30	33%	20	50	NA	Moderate-term on-the-job training
51-6093	Upholsterers	20	10	-10	-50%	0	0	\$19,165	Long-term on-the-job training
<i>51-7000</i>	<i>Woodworkers</i>	<i>530</i>	<i>450</i>	<i>-80</i>	<i>-15%</i>	<i>130</i>	<i>130</i>	<i>NA</i>	<i>NA</i>
51-7011	Cabinetmakers and Bench Carpenters	280	220	-60	-21%	70	70	\$24,195	Long-term on-the-job training
51-7021	Furniture Finishers	80	70	-10	-13%	20	20	NA	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	90	90	0	0%	30	30	\$21,565	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	80	80	0	0%	20	20	NA	Moderate-term on-the-job training
<i>51-8000</i>	<i>Plant and System Operators</i>	<i>240</i>	<i>250</i>	<i>10</i>	<i>4%</i>	<i>70</i>	<i>80</i>	<i>NA</i>	<i>NA</i>

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>	
51-8021	Stationary Engineers and Boiler Operators	80	80	0	0%	20	20	\$30,334	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	130	140	10	8%	40	60		NA Long-term on-the-job training
51-9000	<i>Other Production Occupations</i>	5,230	5,360	130	2%	1,260	1,490	NA	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	70	70	0	0%	20	20		NA Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	80	70	-10	-13%	20	20	\$29,305	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	130	130	0	0%	40	40	\$25,132	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	\$28,698	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	220	230	10	5%	50	60	\$31,754	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	100	100	0	0%	30	30	\$35,962	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	100	90	-10	-10%	30	30	\$23,494	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,340	1,300	-40	-3%	300	300	\$28,438	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	70	80	10	14%	20	20	\$25,004	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	660	770	110	17%	130	240	\$24,300	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	270	270	0	0%	70	70	\$26,191	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	110	130	20	18%	30	40	\$18,695	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	\$22,234	Short-term on-the-job training
51-9131	Photographic Process Workers	60	60	0	0%	20	20	\$19,975	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	70	70	0	0%	20	20	\$20,436	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	90	90	0	0%	30	30	\$24,995	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	20	20	0	0%	10	10	\$28,630	Moderate-term on-the-job training
51-9194	Etchers and Engravers	30	30	0	0%	10	10		NA Long-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	130	140	10	8%	30	40	\$26,346	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	810	800	-10	-1%	230	230	\$23,490	Short-term on-the-job training
51-9199	Production Workers, All Other	610	680	70	11%	150	210	\$21,580	Moderate-term on-the-job training
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>11,600</b>	<b>11,940</b>	<b>340</b>	<b>3%</b>	<b>2,490</b>	<b>3,070</b>	<b>\$25,867</b>	<b>NA</b>
53-1000	<i>Supervisors, Transportation and Material Moving Workers</i>	510	530	20	4%	120	140	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	190	190	0	0%	40	50	\$36,944	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	320	340	20	6%	80	90	\$37,365	Work experience in a related occupation
53-3000	<i>Motor Vehicle Operators</i>	5,230	5,680	450	9%	810	1,260	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	20	20	0	0%	0	0	\$18,100	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	110	110	0	0%	20	20	\$31,815	Moderate-term on-the-job training
53-3022	Bus Drivers, School	710	750	40	6%	160	190	\$22,354	Short-term on-the-job training
53-3031	Driver/Sales Workers	510	510	0	0%	80	80	\$23,937	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,610	2,920	310	12%	430	740	\$31,916	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	1,000	1,080	80	8%	90	180	\$22,263	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	190	210	20	11%	20	40	\$16,017	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	90	90	0	0%	10	10	\$19,461	Short-term on-the-job training
53-6000	<i>Other Transportation Workers</i>	210	210	0	0%	90	90	NA	NA
53-6021	Parking Lot Attendants	40	40	0	0%	10	10	\$17,413	Short-term on-the-job training
53-6031	Service Station Attendants	160	160	0	0%	70	70		NA Short-term on-the-job training
53-7000	<i>Material Moving Workers</i>	5,630	5,510	-120	-2%	1,470	1,570	NA	NA
53-7021	Crane and Tower Operators	40	40	0	0%	10	10		NA Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	30	40	10	33%	10	10	\$33,735	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	980	970	-10	-1%	190	190	\$30,594	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	350	320	-30	-9%	120	120	\$27,300	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,200	2,010	-190	-9%	720	720	\$24,467	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	360	370	10	3%	100	110	\$22,238	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1,460	1,550	90	6%	270	360	\$19,880	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	180	190	10	6%	50	50	\$26,664	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

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>
	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 06**

**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>142,720</b>	<b>151,060</b>	<b>8,340</b>	<b>6%</b>	<b>34,970</b>	<b>46,260</b>	<b>\$30,930</b>
<b>First professional degree</b>								
23-1011	Lawyers	190	230	40	21%	20	70	\$57,686
29-1041	Optometrists	30	30	0	0%	10	10	NA
29-1051	Pharmacists	250	300	50	20%	50	100	\$87,578
29-1061	Anesthesiologists	20	20	0	0%	0	0	\$185,861
29-1062	Family and General Practitioners	240	290	50	21%	30	80	\$140,939
29-1065	Pediatricians, General	20	20	0	0%	0	10	NA
29-1066	Psychiatrists	40	50	10	25%	10	10	\$166,826
29-1067	Surgeons	80	90	10	13%	10	30	NA
29-1131	Veterinarians	30	30	0	0%	10	10	\$73,829
29-1199	Health Diagnosing and Treating Practitioners, All Other	30	40	10	33%	10	20	NA
<b>Doctoral degree</b>								
19-1022	Microbiologists	20	20	0	0%	10	10	NA
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	NA
25-1011	Business Teachers, Postsecondary	70	90	20	29%	20	40	\$39,750
25-1021	Computer Science Teachers, Postsecondary	40	50	10	25%	10	20	NA
25-1022	Mathematical Science Teachers, Postsecondary	80	100	20	25%	20	40	\$38,594
25-1042	Biological Science Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1066	Psychology Teachers, Postsecondary	20	20	0	0%	0	10	NA
25-1067	Sociology Teachers, Postsecondary	40	50	10	25%	10	20	NA
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	\$49,649
25-1081	Education Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	NA
25-1121	Art, Drama, and Music Teachers, Postsecondary	70	90	20	29%	20	40	NA
25-1123	English Language and Literature Teachers, Postsecondary	40	50	10	25%	10	20	NA
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1125	History Teachers, Postsecondary	20	20	0	0%	0	10	NA
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1199	Postsecondary Teachers, All Other	950	1180	230	24%	210	440	NA
<b>Master's degree</b>								
19-3031	Clinical, Counseling, and School Psychologists	60	80	20	33%	10	30	\$60,105
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	\$34,685
21-1012	Educational, Vocational, and School Counselors	260	300	40	15%	60	90	\$41,496
21-1013	Marriage and Family Therapists	20	20	0	0%	0	10	\$33,204
21-1014	Mental Health Counselors	190	230	40	21%	40	90	\$28,859
21-1015	Rehabilitation Counselors	120	180	60	50%	30	90	\$24,991
21-1023	Mental Health and Substance Abuse Social Workers	110	170	60	55%	20	70	\$34,166
21-1091	Health Educators	20	20	0	0%	0	10	\$35,763
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	20	NA
25-4021	Librarians	150	150	0	0%	40	40	\$44,112
25-9031	Instructional Coordinators	30	30	0	0%	0	10	\$53,626
29-1123	Physical Therapists	150	180	30	20%	20	40	\$52,571
29-1127	Speech-Language Pathologists	110	120	10	9%	30	40	\$47,432
<b>Work experience plus bachelor's or higher degree</b>								
11-1011	Chief Executives	450	490	40	9%	90	130	\$110,203
11-1021	General and Operations Managers	1600	1760	160	10%	300	460	\$79,911
11-2011	Advertising and Promotions Managers	50	50	0	0%	10	10	\$49,441
11-2021	Marketing Managers	80	90	10	13%	10	30	\$75,254
11-2022	Sales Managers	210	260	50	24%	40	90	\$83,676

11-2031	Public Relations Managers	30	30	0	0%	10	10	\$61,216
11-3011	Administrative Services Managers	120	130	10	8%	20	30	\$56,977
11-3021	Computer and Information Systems Managers	130	160	30	23%	20	50	\$69,302
11-3031	Financial Managers	290	310	20	7%	40	60	\$69,925
11-3061	Purchasing Managers	60	60	0	0%	10	20	\$70,596
11-9011	Farm, Ranch, and Other Agricultural Managers	100	110	10	10%	20	30	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	\$38,133
11-9032	Education Administrators, Elementary and Secondary School	240	270	30	13%	60	80	\$70,221
11-9033	Education Administrators, Postsecondary	140	160	20	14%	40	60	\$53,231
11-9041	Engineering Managers	110	120	10	9%	20	30	\$78,784
11-9111	Medical and Health Services Managers	230	290	60	26%	50	110	\$62,844
13-1111	Management Analysts	100	130	30	30%	10	50	\$60,346
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$63,650
27-1011	Art Directors	40	40	0	0%	10	10	\$34,640

**Bachelor's degree**

11-3051	Industrial Production Managers	300	330	30	10%	60	80	\$66,782
11-9021	Construction Managers	210	240	30	14%	40	60	\$63,040
11-9141	Property, Real Estate, and Community Association Managers	50	50	0	0%	10	10	\$48,954
11-9151	Social and Community Service Managers	80	110	30	38%	20	40	\$38,430
13-1022	Wholesale and Retail Buyers, Except Farm Products	100	100	0	0%	30	30	\$33,413
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	230	250	20	9%	60	80	\$47,554
13-1051	Cost Estimators	160	180	20	13%	40	60	\$43,181
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	\$36,864
13-1072	Compensation, Benefits, and Job Analysis Specialists	100	110	10	10%	20	30	\$44,109
13-1073	Training and Development Specialists	100	130	30	30%	20	40	\$35,000
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	NA
13-1199	Business Operations Specialists, All Other	380	420	40	11%	70	110	\$40,974
13-2011	Accountants and Auditors	670	750	80	12%	130	210	\$52,592
13-2031	Budget Analysts	20	20	0	0%	0	10	\$55,696
13-2041	Credit Analysts	50	60	10	20%	10	10	\$49,647
13-2051	Financial Analysts	70	70	0	0%	10	20	\$61,850
13-2052	Personal Financial Advisors	120	160	40	33%	20	50	\$48,209
13-2071	Loan Counselors	30	30	0	0%	0	10	NA
13-2072	Loan Officers	240	270	30	13%	40	70	\$46,151
13-2099	Financial Specialists, All Other	60	70	10	17%	10	20	\$47,061
15-1021	Computer Programmers	180	190	10	6%	40	50	\$42,835
15-1031	Computer Software Engineers, Applications	170	220	50	29%	20	70	NA
15-1051	Computer Systems Analysts	160	200	40	25%	20	60	\$62,590
15-1061	Database Administrators	30	40	10	33%	0	10	\$38,236
15-1071	Network and Computer Systems Administrators	120	140	20	17%	10	40	\$47,076
15-1081	Network Systems and Data Communications Analysts	60	90	30	50%	10	40	NA
17-1011	Architects, Except Landscape and Naval	30	40	10	33%	0	10	\$42,103
17-1012	Landscape Architects	30	30	0	0%	0	10	NA
17-1022	Surveyors	30	30	0	0%	10	10	\$45,052
17-2051	Civil Engineers	20	20	0	0%	0	0	\$56,889
17-2071	Electrical Engineers	50	40	-10	-20%	10	10	\$61,293
17-2072	Electronics Engineers, Except Computer	20	20	0	0%	10	10	\$57,717
17-2112	Industrial Engineers	250	290	40	16%	60	100	\$61,565
17-2131	Materials Engineers	30	30	0	0%	10	10	\$61,865
17-2141	Mechanical Engineers	250	250	0	0%	70	70	\$58,242
17-2199	Engineers, All Other	130	140	10	8%	30	40	\$69,260
19-1031	Conservation Scientists	20	20	0	0%	0	0	NA
19-2031	Chemists	50	50	0	0%	20	20	\$48,320
19-2041	Environmental Scientists and Specialists, Including Health	20	30	10	50%	0	10	\$45,664
19-3021	Market Research Analysts	40	50	10	25%	10	20	\$54,742
19-3022	Survey Researchers	30	30	0	0%	10	10	NA
21-1021	Child, Family, and School Social Workers	260	280	20	8%	50	70	\$31,033
21-1022	Medical and Public Health Social Workers	90	110	20	22%	20	40	\$38,563
21-1092	Probation Officers and Correctional Treatment Specialists	40	40	0	0%	10	10	\$36,908
25-1191	Graduate Teaching Assistants	710	860	150	21%	160	320	NA
25-2011	Preschool Teachers, Except Special Education	250	270	20	8%	30	60	\$20,586
25-2012	Kindergarten Teachers, Except Special Education	330	380	50	15%	40	90	NA
25-2021	Elementary School Teachers, Except Special Education	1470	1520	50	3%	330	380	\$45,375
25-2022	Middle School Teachers, Except Special and Vocational Education	600	580	-20	-3%	130	130	\$43,605
25-2031	Secondary School Teachers, Except Special and Vocational Education	1190	1260	70	6%	330	410	\$44,561
25-2032	Vocational Education Teachers, Secondary School	120	120	0	0%	30	30	\$52,904

25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	110	130	20	18%	30	50	\$45,472
25-2042	Special Education Teachers, Middle School	70	80	10	14%	20	30	\$45,676
25-2043	Special Education Teachers, Secondary School	100	110	10	10%	20	40	\$44,711
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	130	140	10	8%	20	30	NA
27-1021	Commercial and Industrial Designers	80	80	0	0%	10	20	\$59,086
27-1024	Graphic Designers	120	140	20	17%	20	30	\$33,873
27-1025	Interior Designers	40	40	0	0%	10	10	\$29,314
27-3031	Public Relations Specialists	150	180	30	20%	20	50	\$40,259
27-3041	Editors	40	50	10	25%	10	10	\$38,603
27-3042	Technical Writers	20	20	0	0%	10	10	NA
29-1031	Dietitians and Nutritionists	60	80	20	33%	20	30	\$36,116
29-1071	Physician Assistants	20	30	10	50%	0	10	NA
29-1122	Occupational Therapists	110	130	20	18%	20	40	\$51,780
29-1125	Recreational Therapists	70	70	0	0%	20	20	\$27,539
29-2011	Medical and Clinical Laboratory Technologists	250	300	50	20%	70	120	\$42,218
29-2091	Orthotists and Prosthetists	50	70	20	40%	10	30	NA
29-9091	Athletic Trainers	20	20	0	0%	0	10	NA
39-9032	Recreation Workers	100	110	10	10%	20	30	\$22,042
41-3021	Insurance Sales Agents	270	300	30	11%	70	90	\$42,260
41-3031	Securities, Commodities, and Financial Services Sales Agents	100	110	10	10%	10	20	NA
41-9031	Sales Engineers	60	60	0	0%	20	20	\$73,843
<b>Associate degree</b>								
11-9061	Funeral Directors	30	30	0	0%	10	10	NA
15-1041	Computer Support Specialists	170	190	20	12%	20	40	\$33,257
17-3023	Electrical and Electronic Engineering Technicians	60	60	0	0%	10	20	\$49,335
17-3026	Industrial Engineering Technicians	60	60	0	0%	10	20	\$42,389
17-3027	Mechanical Engineering Technicians	40	50	10	25%	10	20	\$47,865
19-4021	Biological Technicians	30	20	-10	-33%	10	10	NA
19-4031	Chemical Technicians	60	70	10	17%	20	20	\$30,060
19-4099	Life, Physical, and Social Science Technicians, All Other	40	50	10	25%	10	10	NA
23-2011	Paralegals and Legal Assistants	40	50	10	25%	0	10	\$34,394
29-1111	Registered Nurses	2690	3350	660	25%	560	1220	\$42,612
29-1126	Respiratory Therapists	150	190	40	27%	50	90	\$38,894
29-2012	Medical and Clinical Laboratory Technicians	170	190	20	12%	50	70	\$31,248
29-2021	Dental Hygienists	50	60	10	20%	0	20	NA
29-2031	Cardiovascular Technologists and Technicians	40	50	10	25%	10	20	\$33,180
29-2032	Diagnostic Medical Sonographers	60	80	20	33%	10	30	\$47,384
29-2034	Radiologic Technologists and Technicians	180	220	40	22%	30	70	\$38,018
29-2056	Veterinary Technologists and Technicians	30	30	0	0%	0	10	NA
29-2071	Medical Records and Health Information Technicians	230	350	120	52%	30	160	\$23,638
31-2021	Physical Therapist Assistants	60	90	30	50%	10	30	\$40,927
<b>Postsecondary vocational training</b>								
13-2021	Appraisers and Assessors of Real Estate	190	190	0	0%	40	50	\$26,532
15-1099	Computer Specialists, All Other	40	50	10	25%	10	10	\$38,152
17-3011	Architectural and Civil Drafters	20	20	0	0%	10	10	\$35,277
17-3013	Mechanical Drafters	120	110	-10	-8%	30	30	\$41,457
23-2091	Court Reporters	80	80	0	0%	10	10	\$26,053
29-2041	Emergency Medical Technicians and Paramedics	270	310	40	15%	30	80	\$25,436
29-2053	Psychiatric Technicians	730	720	-10	-1%	100	100	\$25,530
29-2054	Respiratory Therapy Technicians	40	60	20	50%	10	20	NA
29-2055	Surgical Technologists	150	210	60	40%	20	80	\$34,583
29-2061	Licensed Practical and Licensed Vocational Nurses	1320	1420	100	8%	290	380	\$31,285
31-9094	Medical Transcriptionists	140	180	40	29%	30	60	\$25,193
35-1011	Chefs and Head Cooks	80	90	10	13%	30	40	\$33,025
39-5012	Hairdressers, Hairstylists, and Cosmetologists	440	420	-20	-5%	90	90	\$24,964
39-5094	Skin Care Specialists	50	50	0	0%	10	10	NA
39-9031	Fitness Trainers and Aerobics Instructors	190	240	50	26%	50	100	\$22,794
41-3041	Travel Agents	60	60	0	0%	10	10	\$28,338
41-9022	Real Estate Sales Agents	150	150	0	0%	30	30	\$59,205
43-6012	Legal Secretaries	170	210	40	24%	30	70	\$24,438
43-6013	Medical Secretaries	460	520	60	13%	90	150	\$26,290
43-9031	Desktop Publishers	30	30	0	0%	10	10	\$26,480
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	40	0	0%	0	10	\$25,183
49-2021	Radio Mechanics	20	10	-10	-50%	0	0	NA
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	100	90	-10	-10%	20	20	\$43,601

49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	30	30	0	0%	10	10	\$39,707
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	10	-10	-50%	0	0	NA
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30	40	10	33%	10	10	NA
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	30	0	0%	10	10	NA
49-3023	Automotive Service Technicians and Mechanics	820	880	60	7%	220	280	\$29,439
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	350	390	40	11%	90	130	\$30,479
49-3041	Farm Equipment Mechanics	80	80	0	0%	20	20	\$22,472
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	\$32,064
51-4121	Welders, Cutters, Solderers, and Brazers	790	850	60	8%	220	290	\$28,026

**Work experience in a related occupation**

11-3071	Transportation, Storage, and Distribution Managers	80	90	10	13%	20	30	\$70,134
11-9051	Food Service Managers	410	440	30	7%	70	90	\$40,893
11-9081	Lodging Managers	40	40	0	0%	10	10	NA
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	\$49,985
11-9199	Managers, All Other	470	480	10	2%	90	100	\$49,747
13-1021	Purchasing Agents and Buyers, Farm Products	20	10	-10	-50%	10	10	NA
25-1194	Vocational Education Teachers, Postsecondary	110	140	30	27%	30	50	NA
25-3021	Self-Enrichment Education Teachers	70	80	10	14%	10	20	\$26,406
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	70	0	0%	20	30	\$30,237
33-1012	First-Line Supervisors/Managers of Police and Detectives	70	70	0	0%	20	30	\$45,049
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	70	80	10	14%	30	40	NA
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	30	0	0%	10	10	\$32,734
33-3021	Detectives and Criminal Investigators	60	70	10	17%	20	20	\$38,308
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	\$22,244
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1020	1080	60	6%	240	310	\$24,059
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	250	260	10	4%	60	70	\$29,471
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	20	\$29,825
39-1021	First-Line Supervisors/Managers of Personal Service Workers	240	240	0	0%	60	60	\$30,273
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	40	40	0	0%	10	10	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2050	2080	30	1%	370	400	\$36,691
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	380	380	0	0%	70	70	\$59,430
41-9021	Real Estate Brokers	50	50	0	0%	10	10	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1410	1370	-40	-3%	300	300	\$37,567
43-4141	New Accounts Clerks	80	80	0	0%	20	20	\$22,903
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	20	0	0%	10	10	NA
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	710	790	80	11%	120	200	\$46,091
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	\$31,231
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	660	720	60	9%	160	230	\$47,939
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1630	1760	130	8%	340	480	\$43,154
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	0	0	\$18,673
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	190	190	0	0%	40	50	\$36,944
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	320	340	20	6%	80	90	\$37,365

**Long-term on-the-job training**

13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	70	70	0	0%	20	20	\$31,011
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	300	340	40	13%	70	100	NA
27-2022	Coaches and Scouts	240	260	20	8%	50	70	\$22,735
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	30	30	0	0%	0	0	NA
27-3099	Media and Communication Workers, All Other	50	60	10	20%	10	10	NA
27-4011	Audio and Video Equipment Technicians	30	30	0	0%	10	10	NA
27-4021	Photographers	310	330	20	6%	60	80	NA
29-2081	Opticians, Dispensing	110	110	0	0%	20	20	\$20,352
33-2011	Fire Fighters	300	350	50	17%	90	130	\$37,440
33-3051	Police and Sheriff's Patrol Officers	610	720	110	18%	160	270	\$32,096
35-2012	Cooks, Institution and Cafeteria	830	730	-100	-12%	260	260	\$17,902
35-2014	Cooks, Restaurant	840	980	140	17%	260	390	\$18,579
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	270	280	10	4%	80	80	NA
47-2021	Brickmasons and Blockmasons	100	100	0	0%	20	20	NA
47-2022	Stonemasons	80	90	10	13%	10	10	NA
47-2031	Carpenters	620	650	30	5%	100	130	\$32,227
47-2044	Tile and Marble Setters	60	70	10	17%	10	20	NA
47-2051	Cement Masons and Concrete Finishers	30	40	10	33%	10	10	\$35,517
47-2111	Electricians	860	960	100	12%	170	260	\$50,636
47-2121	Glaziers	30	30	0	0%	10	10	NA
47-2152	Plumbers, Pipefitters, and Steamfitters	430	430	0	0%	100	100	\$43,018

47-2161	Plasterers and Stucco Masons	20	20	0	0%	0	10	\$35,822
47-2221	Structural Iron and Steel Workers	100	100	0	0%	20	30	NA
49-3021	Automotive Body and Related Repairers	140	150	10	7%	30	30	\$24,879
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	NA
49-3092	Recreational Vehicle Service Technicians	90	100	10	11%	40	50	\$31,926
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	130	160	30	23%	20	50	\$32,582
49-9031	Home Appliance Repairers	80	70	-10	-13%	20	20	\$31,483
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	\$41,306
49-9042	Maintenance and Repair Workers, General	1810	1980	170	9%	350	520	\$32,655
49-9043	Maintenance Workers, Machinery	110	130	20	18%	30	40	\$29,939
49-9044	Millwrights	170	160	-10	-6%	40	40	\$56,718
49-9045	Refractory Materials Repairers, Except Brickmasons	20	20	0	0%	0	10	NA
49-9051	Electrical Power-Line Installers and Repairers	90	80	-10	-11%	30	30	\$51,900
49-9052	Telecommunications Line Installers and Repairers	60	70	10	17%	20	30	\$34,448
49-9099	Installation, Maintenance, and Repair Workers, All Other	120	140	20	17%	30	40	\$28,389
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	20	20	0	0%	10	10	NA
51-3011	Bakers	210	220	10	5%	50	60	\$20,986
51-3021	Butchers and Meat Cutters	150	120	-30	-20%	30	30	\$24,600
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	950	970	20	2%	160	180	\$34,654
51-4012	Numerical Tool and Process Control Programmers	30	30	0	0%	10	10	\$38,398
51-4041	Machinists	790	730	-60	-8%	180	180	\$31,461
51-4111	Tool and Die Makers	690	610	-80	-12%	160	160	\$47,375
51-5021	Job Printers	90	100	10	11%	20	30	\$33,165
51-5022	Prepress Technicians and Workers	150	140	-10	-7%	40	40	\$29,064
51-6093	Upholsterers	20	10	-10	-50%	0	0	\$19,165
51-7011	Cabinetmakers and Bench Carpenters	280	220	-60	-21%	70	70	\$24,195
51-7021	Furniture Finishers	80	70	-10	-13%	20	20	NA
51-8021	Stationary Engineers and Boiler Operators	80	80	0	0%	20	20	\$30,334
51-8031	Water and Liquid Waste Treatment Plant and System Operators	130	140	10	8%	40	60	NA
51-9081	Dental Laboratory Technicians	70	80	10	14%	20	20	\$25,004
51-9194	Etchers and Engravers	30	30	0	0%	10	10	NA
<b>Moderate-term on-the-job training</b>								
13-2082	Tax Preparers	40	50	10	25%	10	20	\$20,436
17-3031	Surveying and Mapping Technicians	50	60	10	20%	20	30	\$29,637
21-1093	Social and Human Service Assistants	350	580	230	66%	60	280	\$23,787
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	\$25,407
27-1023	Floral Designers	120	110	-10	-8%	20	20	\$30,118
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	NA
27-4099	Media and Communication Equipment Workers, All Other	30	30	0	0%	10	10	NA
29-2051	Dietetic Technicians	30	40	10	33%	0	10	\$22,374
29-2052	Pharmacy Technicians	350	430	80	23%	50	120	\$23,361
31-9091	Dental Assistants	280	360	80	29%	80	160	\$29,680
31-9092	Medical Assistants	650	1020	370	57%	120	490	\$25,059
33-3012	Correctional Officers and Jailers	370	420	50	14%	80	120	\$23,971
33-9011	Animal Control Workers	20	20	0	0%	20	20	\$19,230
37-2021	Pest Control Workers	40	40	0	0%	10	10	\$24,201
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	60	60	0	0%	10	20	NA
39-9041	Residential Advisors	180	190	10	6%	40	50	NA
39-9099	Personal Care and Service Workers, All Other	30	40	10	33%	10	10	\$18,487
41-2022	Parts Salespersons	220	200	-20	-9%	60	60	\$25,446
41-3011	Advertising Sales Agents	120	120	0	0%	20	30	\$31,900
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	130	130	0	0%	30	40	\$60,047
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	840	920	80	10%	220	300	\$48,577
41-9011	Demonstrators and Product Promoters	240	280	40	17%	50	90	\$27,372
41-9099	Sales and Related Workers, All Other	180	200	20	11%	30	50	\$25,323
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2310	2200	-110	-5%	430	430	\$26,020
43-4011	Brokerage Clerks	40	30	-10	-25%	10	10	NA
43-4051	Customer Service Representatives	1200	1330	130	11%	180	310	\$25,934
43-4061	Eligibility Interviewers, Government Programs	70	60	-10	-14%	20	20	\$25,707
43-5011	Cargo and Freight Agents	60	70	10	17%	10	20	\$44,194
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	\$22,378
43-5032	Dispatchers, Except Police, Fire, and Ambulance	100	100	0	0%	20	30	\$28,564
43-6011	Executive Secretaries and Administrative Assistants	1140	1130	-10	-1%	220	220	\$28,852
43-6014	Secretaries, Except Legal, Medical, and Executive	1790	1590	-200	-11%	340	340	\$22,621
43-9011	Computer Operators	130	100	-30	-23%	30	30	\$26,351
43-9021	Data Entry Keyers	170	140	-30	-18%	40	40	\$21,503

43-9022	Word Processors and Typists	160	90	-70	-44%	40	40	\$23,077
43-9041	Insurance Claims and Policy Processing Clerks	170	170	0	0%	30	30	\$22,620
45-2091	Agricultural Equipment Operators	30	30	0	0%	10	10	NA
45-2093	Farmworkers, Farm and Ranch Animals	30	40	10	33%	10	20	NA
47-2041	Carpet Installers	20	30	10	50%	0	10	NA
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	50	20	-30	-60%	10	10	NA
47-2061	Construction Laborers	720	770	50	7%	100	140	\$27,015
47-2071	Paving, Surfacing, and Tamping Equipment Operators	100	120	20	20%	10	30	NA
47-2073	Operating Engineers and Other Construction Equipment Operators	290	320	30	10%	70	100	\$33,797
47-2081	Drywall and Ceiling Tile Installers	110	80	-30	-27%	20	20	\$37,565
47-2082	Tapers	30	40	10	33%	10	10	NA
47-2141	Painters, Construction and Maintenance	200	220	20	10%	30	50	\$27,728
47-2151	Pipelayers	110	120	10	9%	30	30	\$32,892
47-2181	Roofers	240	260	20	8%	60	70	\$29,968
47-2211	Sheet Metal Workers	170	170	0	0%	40	40	\$49,363
47-4051	Highway Maintenance Workers	250	260	10	4%	40	50	\$24,752
47-5021	Earth Drillers, Except Oil and Gas	30	30	0	0%	10	10	NA
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	NA
49-3091	Bicycle Repairers	20	20	0	0%	10	10	NA
49-9062	Medical Equipment Repairers	20	20	0	0%	0	10	NA
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	30	40	10	33%	10	10	\$27,276
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	\$27,767
51-2041	Structural Metal Fabricators and Fitters	80	50	-30	-38%	20	20	\$30,713
51-2092	Team Assemblers	2720	2500	-220	-8%	700	700	\$36,624
51-2099	Assemblers and Fabricators, All Other	1180	1000	-180	-15%	300	300	NA
51-3023	Slaughterers and Meat Packers	20	20	0	0%	0	10	NA
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	300	290	-10	-3%	100	100	\$34,213
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	140	120	-20	-14%	20	20	\$32,961
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	70	60	-10	-14%	20	20	NA
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	710	640	-70	-10%	170	170	\$27,025
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	310	310	0	0%	90	90	\$38,853
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Me	430	410	-20	-5%	80	80	\$40,353
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	760	720	-40	-5%	150	150	\$36,228
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	190	190	0	0%	30	30	NA
51-4051	Metal-Refining Furnace Operators and Tenders	100	90	-10	-10%	20	20	\$28,763
51-4052	Pourers and Casters, Metal	90	70	-20	-22%	20	20	\$32,969
51-4071	Foundry Mold and Coremakers	100	90	-10	-10%	30	30	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plas	1050	1120	70	7%	260	320	\$23,211
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	360	370	10	3%	100	110	\$27,524
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	90	80	-10	-11%	20	20	NA
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	280	260	-20	-7%	90	90	\$38,117
51-4192	Lay-Out Workers, Metal and Plastic	20	20	0	0%	0	10	\$42,217
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	70	80	10	14%	20	20	NA
51-4194	Tool Grinders, Filers, and Sharpeners	220	180	-40	-18%	70	70	\$27,205
51-4199	Metal Workers and Plastic Workers, All Other	60	50	-10	-17%	10	10	NA
51-5011	Bindery Workers	70	60	-10	-14%	20	20	NA
51-5023	Printing Machine Operators	310	320	10	3%	70	80	\$25,406
51-6011	Laundry and Dry-Cleaning Workers	400	330	-70	-18%	110	110	\$17,545
51-6031	Sewing Machine Operators	390	370	-20	-5%	50	50	\$20,032
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	NA
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	90	120	30	33%	20	50	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	90	90	0	0%	30	30	\$21,565
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	80	80	0	0%	20	20	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tend	70	70	0	0%	20	20	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	\$29,305
51-9022	Grinding and Polishing Workers, Hand	130	130	0	0%	40	40	\$25,132
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	\$28,698
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	220	230	10	5%	50	60	\$31,754
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	100	100	0	0%	30	30	\$35,962
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	100	90	-10	-10%	30	30	\$23,494
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1340	1300	-40	-3%	300	300	\$28,438
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	270	270	0	0%	70	70	\$26,191
51-9122	Painters, Transportation Equipment	110	130	20	18%	30	40	\$18,695
51-9131	Photographic Process Workers	60	60	0	0%	20	20	\$19,975
51-9191	Cementing and Gluing Machine Operators and Tenders	90	90	0	0%	30	30	\$24,995
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	20	20	0	0%	10	10	\$28,630
51-9196	Paper Goods Machine Setters, Operators, and Tenders	130	140	10	8%	30	40	\$26,346

51-9199	Production Workers, All Other	610	680	70	11%	150	210	\$21,580
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	20	20	0	0%	0	0	\$18,100
53-3021	Bus Drivers, Transit and Intercity	110	110	0	0%	20	20	\$31,815
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2610	2920	310	12%	430	740	\$31,916
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	NA
53-7032	Excavating and Loading Machine and Dragline Operators	30	40	10	33%	10	10	\$33,735
<b>Short-term on-the-job training</b>								
25-4031	Library Technicians	150	160	10	7%	60	70	\$29,831
25-9041	Teacher Assistants	1320	1460	140	11%	260	390	\$18,555
31-1011	Home Health Aides	1220	1580	360	30%	160	510	\$18,580
31-1012	Nursing Aides, Orderlies, and Attendants	2090	2330	240	11%	270	520	\$19,005
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	\$22,875
31-9093	Medical Equipment Preparers	40	50	10	25%	10	10	\$23,334
31-9095	Pharmacy Aides	100	110	10	10%	20	30	NA
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	120	120	0	0%	20	20	NA
31-9099	Healthcare Support Workers, All Other	40	40	0	0%	10	10	NA
33-9032	Security Guards	400	390	-10	-3%	90	90	\$21,406
33-9099	Protective Service Workers, All Other	170	190	20	12%	120	130	NA
35-2011	Cooks, Fast Food	650	650	0	0%	200	200	\$14,551
35-2015	Cooks, Short Order	300	320	20	7%	90	110	\$15,363
35-2021	Food Preparation Workers	1400	1520	120	9%	500	610	\$14,920
35-3011	Bartenders	440	450	10	2%	170	190	\$15,521
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2750	3120	370	13%	1190	1560	\$13,984
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	380	20	6%	230	250	\$14,205
35-3031	Waiters and Waitresses	1960	2240	280	14%	1010	1290	\$13,434
35-3041	Food Servers, Nonrestaurant	110	110	0	0%	40	40	\$18,122
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	230	260	30	13%	80	110	\$13,561
35-9021	Dishwashers	430	450	20	5%	140	170	\$14,013
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	270	310	40	15%	90	130	\$15,266
35-9099	Food Preparation and Serving Related Workers, All Other	50	50	0	0%	10	20	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2170	2290	120	6%	410	540	\$21,450
37-2012	Maids and Housekeeping Cleaners	820	830	10	1%	170	180	\$15,695
37-3011	Landscaping and Groundskeeping Workers	690	740	50	7%	150	200	\$21,612
39-2021	Nonfarm Animal Caretakers	80	80	0	0%	20	30	\$19,772
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	130	0	0%	70	80	NA
39-3091	Amusement and Recreation Attendants	100	120	20	20%	30	40	\$14,903
39-4021	Funeral Attendants	130	140	10	8%	30	40	\$17,580
39-9011	Child Care Workers	1240	1360	120	10%	340	450	\$17,844
39-9021	Personal and Home Care Aides	380	460	80	21%	60	150	\$20,337
41-2011	Cashiers	4850	5010	160	3%	2360	2520	\$15,096
41-2021	Counter and Rental Clerks	600	610	10	2%	230	230	\$17,942
41-2031	Retail Salespersons	3870	4080	210	5%	1410	1620	\$19,728
41-9041	Telemarketers	130	130	0	0%	20	20	\$17,916
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	90	90	0	0%	20	20	NA
43-2011	Switchboard Operators, Including Answering Service	210	200	-10	-5%	50	50	\$20,644
43-2099	Communications Equipment Operators, All Other	30	20	-10	-33%	10	10	NA
43-3011	Bill and Account Collectors	300	360	60	20%	60	120	\$25,665
43-3021	Billing and Posting Clerks and Machine Operators	490	490	0	0%	80	80	\$24,576
43-3051	Payroll and Timekeeping Clerks	500	470	-30	-6%	130	130	\$23,968
43-3061	Procurement Clerks	50	50	0	0%	10	10	\$25,473
43-3071	Tellers	730	740	10	1%	360	370	\$19,537
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	\$23,478
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	\$31,147
43-4071	File Clerks	180	170	-10	-6%	60	60	\$21,250
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	\$14,097
43-4111	Interviewers, Except Eligibility and Loan	110	130	20	18%	30	50	\$23,445
43-4121	Library Assistants, Clerical	470	540	70	15%	190	260	NA
43-4131	Loan Interviewers and Clerks	160	130	-30	-19%	20	20	\$25,695
43-4151	Order Clerks	290	230	-60	-21%	70	70	\$25,067
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	170	190	20	12%	40	60	\$28,511
43-4171	Receptionists and Information Clerks	1110	1320	210	19%	270	480	\$20,121
43-5021	Couriers and Messengers	170	160	-10	-6%	40	40	\$19,266
43-5051	Postal Service Clerks	90	90	0	0%	20	20	\$43,184
43-5052	Postal Service Mail Carriers	450	440	-10	-2%	140	140	\$41,866
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	160	140	-20	-13%	40	40	\$38,968
43-5061	Production, Planning, and Expediting Clerks	280	290	10	4%	70	80	\$37,744

43-5071	Shipping, Receiving, and Traffic Clerks	830	800	-30	-4%	170	170	\$26,646
43-5081	Stock Clerks and Order Fillers	1520	1310	-210	-14%	560	560	\$18,215
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	160	180	20	13%	40	70	\$24,702
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	\$18,659
43-9061	Office Clerks, General	2360	2380	20	1%	520	540	\$20,953
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	\$20,522
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	NA
47-3012	Helpers--Carpenters	120	130	10	8%	50	60	\$22,436
47-3013	Helpers--Electricians	30	30	0	0%	10	10	NA
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	\$21,725
47-3016	Helpers--Roofers	30	30	0	0%	10	10	\$20,892
47-3019	Helpers, Construction Trades, All Other	20	20	0	0%	10	10	\$25,054
47-5081	Helpers--Extraction Workers	30	30	0	0%	10	10	NA
49-3093	Tire Repairers and Changers	130	130	0	0%	50	50	\$21,344
49-9098	Helpers--Installation, Maintenance, and Repair Workers	150	160	10	7%	50	60	\$24,800
51-2021	Coil Winders, Tapers, and Finishers	300	220	-80	-27%	70	70	NA
51-2022	Electrical and Electronic Equipment Assemblers	110	120	10	9%	30	30	NA
51-2031	Engine and Other Machine Assemblers	420	390	-30	-7%	120	120	NA
51-3092	Food Batchmakers	20	30	10	50%	10	10	NA
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	\$19,550
51-6021	Pressers, Textile, Garment, and Related Materials	60	40	-20	-33%	10	10	\$17,275
51-6051	Sewers, Hand	110	120	10	9%	20	20	NA
51-9111	Packaging and Filling Machine Operators and Tenders	660	770	110	17%	130	240	\$24,300
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	\$22,234
51-9132	Photographic Processing Machine Operators	70	70	0	0%	20	20	\$20,436
51-9198	Helpers--Production Workers	810	800	-10	-1%	230	230	\$23,490
53-3022	Bus Drivers, School	710	750	40	6%	160	190	\$22,354
53-3031	Driver/Sales Workers	510	510	0	0%	80	80	\$23,937
53-3033	Truck Drivers, Light or Delivery Services	1000	1080	80	8%	90	180	\$22,263
53-3041	Taxi Drivers and Chauffeurs	190	210	20	11%	20	40	\$16,017
53-3099	Motor Vehicle Operators, All Other	90	90	0	0%	10	10	\$19,461
53-6021	Parking Lot Attendants	40	40	0	0%	10	10	\$17,413
53-6031	Service Station Attendants	160	160	0	0%	70	70	NA
53-7051	Industrial Truck and Tractor Operators	980	970	-10	-1%	190	190	\$30,594
53-7061	Cleaners of Vehicles and Equipment	350	320	-30	-9%	120	120	\$27,300
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2200	2010	-190	-9%	720	720	\$24,467
53-7063	Machine Feeders and Offbearers	360	370	10	3%	100	110	\$22,238
53-7064	Packers and Packagers, Hand	1460	1550	90	6%	270	360	\$19,880
53-7081	Refuse and Recyclable Material Collectors	180	190	10	6%	50	50	\$26,664

- 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 06**

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

Code	Occupational Title	PERCENTILE															
		Average	Average	Entry	Entry	Experienced	Experienced	10th	25th	Median (50th)	75th	90th					
		Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly	Annual	Hourly	Annual	Hourly	Annual				
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>\$14.87</b>	<b>\$30,930</b>	<b>\$7.58</b>	<b>\$15,763</b>	<b>\$18.52</b>	<b>\$38,513</b>	<b>\$6.72</b>	<b>\$13,976</b>	<b>\$8.62</b>	<b>\$17,923</b>	<b>\$12.08</b>	<b>\$25,117</b>	<b>\$17.94</b>	<b>\$37,311</b>	<b>\$26.04</b>	<b>\$54,162</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>\$33.56</b>	<b>\$69,814</b>	<b>\$16.96</b>	<b>\$35,274</b>	<b>\$41.87</b>	<b>\$87,085</b>	<b>\$14.50</b>	<b>\$30,158</b>	<b>\$20.78</b>	<b>\$43,228</b>	<b>\$29.69</b>	<b>\$61,745</b>	<b>\$41.74</b>	<b>\$86,809</b>	<b>\$58.40</b>	<b>\$121,471</b>
11-1000	Top Executives	NA	NA														
11-1011	Chief Executives	\$52.98	\$110,203	\$19.75	\$41,084	\$69.60	\$144,762	\$14.14	\$29,416	\$25.87	\$53,810	\$52.98	\$105,776	NA	NA	NA	NA
11-1021	General and Operations Managers	\$38.42	\$79,911	\$20.33	\$42,278	\$47.47	\$98,728	\$17.27	\$35,922	\$24.90	\$51,792	\$34.90	\$72,602	\$47.50	\$98,805	\$66.11	\$137,506
11-1031	Legislators	\$11.73	\$24,396	\$6.13	\$12,756	\$14.53	\$30,215	\$9.28	\$19,222	\$6.50	\$13,515	\$8.22	\$17,105	\$12.42	\$22,948	\$15.22	\$31,664
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	NA	NA														
11-2011	Advertising and Promotions Managers	\$23.77	\$49,441	\$13.15	\$27,348	\$29.08	\$60,487	\$10.50	\$21,841	\$15.37	\$31,967	\$22.04	\$45,847	\$26.42	\$54,954	\$40.98	\$85,241
11-2021	Marketing Managers	\$36.18	\$75,254	\$21.34	\$44,384	\$43.60	\$90,690	\$19.52	\$40,609	\$24.59	\$51,142	\$32.21	\$66,989	\$43.38	\$90,224	\$56.15	\$116,794
11-2022	Sales Managers	\$40.23	\$83,676	\$21.86	\$45,469	\$49.41	\$102,779	\$18.05	\$37,547	\$27.03	\$56,229	\$39.14	\$81,409	\$49.82	\$103,630	\$64.96	\$135,117
11-2031	Public Relations Managers	\$29.43	\$61,216	\$17.03	\$35,415	\$35.63	\$74,117	\$9.21	\$19,153	\$22.24	\$46,256	\$26.57	\$55,255	\$35.02	\$72,841	\$52.72	\$109,664
11-3000	Operations Specialties Services Managers	NA	NA														
11-3011	Administrative Services Managers	\$27.39	\$56,977	\$14.93	\$31,045	\$33.63	\$69,943	\$13.00	\$27,045	\$17.21	\$35,783	\$26.57	\$47,835	\$35.72	\$74,290	\$51.25	\$106,608
11-3021	Computer and Information Systems Managers	\$33.32	\$69,302	\$21.69	\$45,118	\$39.13	\$81,394	\$19.84	\$41,264	\$26.01	\$52,021	\$31.57	\$65,662	\$39.80	\$82,792	\$48.98	\$101,874
11-3031	Financial Managers	\$33.62	\$69,925	\$18.46	\$38,407	\$41.19	\$85,684	\$17.25	\$35,881	\$21.23	\$44,163	\$31.66	\$65,847	\$42.92	\$89,276	\$53.95	\$112,210
11-3040	Human Resources Managers	NA	NA														
11-3051	Industrial Production Managers	\$32.11	\$66,782	\$21.08	\$43,853	\$37.62	\$78,247	\$19.48	\$40,528	\$23.33	\$48,517	\$31.07	\$64,627	\$39.83	\$82,854	\$46.25	\$96,119
11-3061	Purchasing Managers	\$33.94	\$70,596	\$22.81	\$47,438	\$39.51	\$82,175	\$21.73	\$45,201	\$26.99	\$56,131	\$33.90	\$70,313	\$42.33	\$88,043	\$49.94	\$103,866
11-3071	Transportation, Storage, and Distribution Managers	\$33.72	\$70,134	\$20.22	\$42,062	\$40.47	\$84,169	\$18.82	\$39,152	\$22.26	\$46,292	\$30.07	\$62,550	\$40.04	\$83,280	\$57.42	\$119,436
11-9000	Other Management Occupations	NA	NA														
11-9011	Farm, Ranch, and Other Agricultural Managers	NA	NA														
11-9021	Construction Managers	\$30.31	\$63,040	\$21.23	\$44,154	\$34.85	\$72,482	\$18.76	\$39,051	\$23.57	\$49,029	\$29.28	\$60,906	\$35.46	\$73,754	\$42.60	\$88,613
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$18.33	\$38,133	\$12.19	\$25,348	\$21.41	\$44,526	\$11.53	\$23,985	\$13.18	\$27,420	\$16.48	\$34,267	\$20.42	\$42,466	\$27.30	\$56,792
11-9032	Education Administrators, Elementary and Secondary School	NA	\$70,221	NA	\$64,035	NA	\$73,314	NA	\$60,351	NA	\$64,528	NA	\$69,993	NA	\$76,564	NA	\$86,525
11-9033	Education Administrators, Postsecondary	\$25.59	\$53,231	\$16.46	\$34,244	\$30.16	\$62,724	\$14.88	\$30,944	\$18.39	\$38,246	\$23.72	\$49,330	\$31.39	\$65,291	\$40.93	\$83,325
11-9039	Education Administrators, All Other	\$21.66	\$45,049	\$16.04	\$33,371	\$24.97	\$50,888	\$15.26	\$31,743	\$16.75	\$34,831	\$21.29	\$44,479	\$26.34	\$54,794	\$29.96	\$62,325
11-9041	Engineering Managers	\$37.88	\$78,784	\$26.32	\$54,744	\$43.66	\$90,804	\$23.90	\$49,704	\$29.38	\$61,106	\$38.14	\$79,342	\$44.40	\$92,350	\$52.94	\$110,107
11-9051	Food Services Managers	\$19.67	\$40,893	\$13.31	\$27,687	\$22.84	\$47,497	\$7.72	\$24,982	\$14.68	\$30,535	\$18.26	\$38,018	\$25.17	\$53,499	\$28.32	\$58,897
11-9061	Funeral Directors	NA	NA														
11-9081	Lodging Managers	NA	NA														
11-9111	Medical and Health Services Managers	\$30.21	\$62,844	\$20.14	\$41,881	\$35.25	\$73,325	\$18.88	\$39,262	\$22.16	\$46,099	\$26.74	\$55,629	\$34.23	\$71,195	\$45.79	\$95,239
11-9131	Postmasters and Mail Superintendents	\$24.03	\$49,985	\$18.10	\$37,654	\$27.00	\$56,150	\$17.56	\$36,530	\$20.09	\$41,795	\$23.71	\$49,320	\$27.03	\$56,220	\$32.52	\$67,647
11-9141	Property, Real Estate, and Community Association Managers	\$23.54	\$48,954	\$13.23	\$27,515	\$28.69	\$59,674	\$11.27	\$23,435	\$15.52	\$32,280	\$22.97	\$47,777	\$27.02	\$54,123	\$49.16	\$102,261
11-9151	Social and Community Services Managers	\$18.48	\$38,430	\$12.58	\$26,159	\$21.43	\$44,566	\$11.78	\$24,511	\$13.65	\$28,388	\$17.42	\$36,226	\$21.98	\$45,723	\$27.09	\$56,348
11-9199	Managers, All Other	\$23.92	\$49,747	\$15.42	\$32,069	\$28.17	\$58,586	\$14.07	\$29,262	\$17.26	\$35,902	\$20.48	\$42,588	\$28.90	\$60,121	\$38.54	\$80,159
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>\$21.36</b>	<b>\$44,427</b>	<b>\$11.68</b>	<b>\$24,294</b>	<b>\$26.20</b>	<b>\$54,493</b>	<b>\$9.98</b>	<b>\$20,762</b>	<b>\$14.35</b>	<b>\$29,852</b>	<b>\$19.85</b>	<b>\$41,295</b>	<b>\$26.40</b>	<b>\$54,904</b>	<b>\$34.58</b>	<b>\$71,924</b>
13-1000	Business Operations Specialists	NA	NA														
13-1021	Purchasing Agents and Buyers, Farm Products	NA	NA														
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$16.06	\$33,413	\$10.96	\$22,806	\$19.61	\$38,717	\$9.74	\$20,266	\$11.57	\$24,070	\$15.92	\$33,119	\$18.55	\$38,581	\$21.23	\$44,153
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$22.86	\$47,554	\$14.62	\$30,399	\$26.99	\$56,131	\$13.15	\$27,351	\$16.68	\$34,699	\$20.86	\$43,393	\$28.86	\$55,879	\$38.74	\$70,578
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Tr	\$14.91	\$31,011	\$6.55	\$13,620	\$19.09	\$39,706	\$6.11	\$12,711	\$7.08	\$14,734	\$14.05	\$29,218	\$18.85	\$39,205	\$26.58	\$55,281
13-1051	Cost Estimators	\$20.76	\$43,181	\$13.66	\$28,410	\$21.41	\$50,567	\$12.28	\$25,545	\$15.47	\$32,171	\$19.02	\$39,552	\$23.78	\$49,461	\$33.52	\$69,719
13-1071	Employment, Recruitment, and Placement Specialists	\$17.12	\$36,864	\$12.81	\$26,637	\$20.18	\$41,977	\$11.94	\$24,836	\$13.91	\$28,925	\$16.25	\$33,802	\$19.45	\$40,461	\$24.57	\$51,099
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$21.24	\$44,109	\$14.71	\$30,603	\$24.45	\$50,862	\$13.84	\$28,784	\$16.09	\$33,474	\$20.25	\$42,117	\$25.46	\$52,962	\$31.22	\$64,946
13-1073	Training and Development Specialists	\$16.83	\$35,000	\$10.25	\$21,338	\$20.11	\$41,831	\$9.78	\$20,851	\$11.74	\$23,744	\$15.74	\$32,744	\$21.98	\$45,723	\$27.09	\$56,348
13-1111	Management Analysts	\$29.01	\$60,346	\$19.09	\$39,713	\$33.97	\$70,683	\$17.81	\$37,037	\$24.11	\$50,158	\$28.87	\$60,050	\$34.66	\$72,085	\$40.97	\$85,207
13-1121	Meeting and Convention Planners	NA	NA														
13-1199	Business Operations Specialists, All Other	\$19.70	\$40,974	\$10.54	\$21,918	\$24.28	\$50,502	\$8.20	\$17,046	\$13.00	\$27,040	\$18.73	\$38,961	\$25.70	\$53,464	\$30.77	\$64,011
13-2000	Financial Specialists	NA	NA														
13-2011	Accountants and Auditors	\$25.28	\$52,592	\$16.13	\$33,543	\$29.86	\$62,116	\$14.66	\$30,502	\$17.98	\$37,391	\$23.17	\$48,405	\$32.84	\$55,988	\$36.46	\$75,838
13-2021	Appraisers and Assessors of Real Estate	\$22.76	\$46,292	\$12.45	\$25,445	\$16.14	\$33,576	\$7.52	\$11,946	\$6.37	\$13,289	\$9.26	\$20,618	\$16.17	\$33,409	\$26.58	\$55,114
13-2031	Budget Analysts	\$26.78	\$55,696	\$19.12	\$39,769	\$30.61	\$63,659	\$18.83	\$39,160	\$21.48	\$44,688	\$25.33	\$52,280	\$31.02	\$64,527	\$41.22	\$85,739
13-2041	Credit Analysts	\$23.87	\$49,647	\$13.43	\$27,942	\$29.09	\$60,499	\$12.81	\$26,651	\$14.22	\$29,575	\$18.45	\$38,377	\$23.33	\$69,110	\$42.12	\$87,612
13-2051	Financial Analysts	\$29.74	\$61,850	\$19.46	\$40,482	\$34.87	\$72,534	\$16.70	\$34,731	\$22.18	\$46,137	\$26.66	\$57,541	\$39.69	\$82,553	\$44.72	\$92,597
13-2052	Personal Financial Advisors	\$23.18	\$48,209	\$12.29	\$25,570	\$28.62	\$59,528	\$10.82	\$22,513	\$13.54	\$28,162	\$15.42	\$32,071	\$24.30	\$50,534	\$55.70	\$115,860
13-2071	Loan Counselors	NA	NA														
13-2072	Loan Officers	\$22.19	\$46,151	\$12.19	\$25,360	\$27.19	\$56,546	\$10.42	\$21,679	\$15.01	\$31,217	\$20.75	\$43,151	\$27.41	\$50,376	\$36.03	\$74,941
13-2082	Tax Preparers	\$9.83	\$20,436	\$7.61	\$15,834	\$10.93	\$22,737	\$7.21	\$15,000	\$7.77	\$16,153	\$8.68	\$18,062	\$10.96	\$22,790	\$14.35	\$29,846
13-2099	Financial Specialists, All Other	\$22.63	\$47,061	\$7.03	\$14,622	\$30.42	\$63,280	\$6.24	\$12,982	\$7.13							





43-4131	Loan Interviewers and Clerks	\$12.35	\$25,695	\$9.85	\$20,487	\$13.61	\$28,299	\$9.35	\$19,451	\$10.55	\$21,949	\$12.30	\$25,580	\$14.03	\$28,186	\$16.18	\$33,654
43-4141	New Accounts Clerks	\$11.01	\$22,903	\$9.82	\$20,434	\$11.60	\$24,137	\$9.26	\$19,256	\$9.76	\$20,310	\$10.61	\$22,067	\$11.46	\$23,834	\$14.47	\$30,092
43-4151	Order Clerks	\$12.05	\$25,067	\$9.44	\$17,561	\$13.86	\$28,820	\$7.59	\$15,784	\$9.49	\$19,733	\$11.94	\$24,817	\$14.01	\$29,147	\$17.07	\$35,500
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$13.71	\$28,511	\$9.56	\$19,890	\$15.78	\$32,827	\$7.38	\$15,346	\$11.46	\$23,846	\$13.11	\$27,271	\$15.96	\$33,191	\$20.78	\$43,218
43-4171	Receptionists and Information Clerks	\$9.67	\$20,121	\$7.41	\$15,422	\$10.80	\$22,471	\$7.12	\$14,812	\$7.99	\$16,621	\$9.48	\$19,727	\$11.26	\$23,421	\$12.73	\$27,312
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5011	Cargo and Freight Agents	\$21.25	\$44,194	\$15.94	\$33,160	\$23.90	\$49,711	\$13.49	\$26,056	\$18.19	\$37,838	\$22.16	\$46,086	\$25.40	\$52,839	\$27.38	\$56,940
43-5021	Shippers and Freight Handlers	\$9.26	\$19,266	\$7.49	\$15,571	\$10.15	\$21,114	\$7.22	\$15,132	\$8.07	\$16,784	\$9.27	\$19,290	\$10.57	\$22,194	\$15.16	\$25,041
43-5031	Police, Fire, and Ambulance Dispatchers	\$10.76	\$22,378	\$8.84	\$18,389	\$11.72	\$24,372	\$8.09	\$16,831	\$9.35	\$19,438	\$10.26	\$21,341	\$11.27	\$23,446	\$13.98	\$29,080
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$13.73	\$28,564	\$9.24	\$19,217	\$15.98	\$33,236	\$8.79	\$16,274	\$10.01	\$20,822	\$12.37	\$25,725	\$16.20	\$33,688	\$22.14	\$46,044
43-5041	Meter Readers, Utilities	\$13.85	\$28,803	\$8.49	\$17,667	\$16.52	\$34,371	\$7.89	\$16,415	\$9.58	\$19,916	\$14.31	\$31,065	\$17.31	\$35,996	\$19.86	\$41,303
43-5051	Postal Service Clerks	\$20.16	\$43,184	\$18.16	\$37,776	\$22.06	\$45,889	\$17.42	\$36,238	\$18.62	\$38,724	\$20.61	\$42,868	\$23.55	\$48,978	\$25.77	\$53,599
43-5052	Postal Service Mail Carriers	\$20.73	\$41,866	\$15.59	\$32,610	\$22.35	\$46,494	\$14.53	\$30,212	\$16.87	\$35,720	\$20.44	\$42,516	\$23.87	\$49,655	\$25.90	\$53,870
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$18.73	\$38,968	\$13.57	\$28,224	\$21.32	\$44,341	\$10.69	\$22,232	\$17.18	\$35,729	\$19.54	\$40,642	\$22.34	\$46,458	\$25.28	\$52,991
43-5061	Production, Planning, and Expediting Clerks	\$18.15	\$37,744	\$12.53	\$26,052	\$20.96	\$43,590	\$11.39	\$23,689	\$14.15	\$29,425	\$16.91	\$35,167	\$21.30	\$44,309	\$27.00	\$56,165
43-5071	Shipping, Receiving, and Traffic Clerks	\$12.81	\$26,646	\$8.47	\$17,612	\$14.98	\$31,163	\$7.57	\$15,745	\$9.77	\$20,320	\$12.27	\$25,526	\$15.03	\$31,267	\$18.63	\$38,758
43-5081	Stock Clerks and Order Fillers	\$8.76	\$16,515	\$6.47	\$13,449	\$9.90	\$20,599	\$6.01	\$12,492	\$7.01	\$14,573	\$8.17	\$17,000	\$10.10	\$21,018	\$12.77	\$26,551
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$11.88	\$24,702	\$8.60	\$17,881	\$13.52	\$28,113	\$7.97	\$16,580	\$9.12	\$18,975	\$11.10	\$23,094	\$13.52	\$28,126	\$17.50	\$36,403
43-6000	Secretaries and Administrative Assistants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	\$13.87	\$28,852	\$10.27	\$21,360	\$15.87	\$32,598	\$9.52	\$19,802	\$10.97	\$22,823	\$13.22	\$27,494	\$16.06	\$33,400	\$18.52	\$38,517
43-6012	Legal Secretaries	\$11.75	\$24,438	\$9.65	\$20,065	\$12.60	\$26,625	\$9.27	\$19,278	\$10.14	\$21,081	\$11.54	\$23,993	\$13.28	\$27,623	\$15.31	\$31,845
43-6013	Medical Secretaries	\$26.290	\$54,580	\$9.78	\$20,342	\$14.95	\$29,260	\$9.38	\$19,500	\$10.50	\$21,832	\$12.58	\$26,176	\$14.40	\$29,950	\$16.37	\$34,087
43-6014	Secretaries, Except Legal, Medical, and Executive	\$10.88	\$22,621	\$8.72	\$18,143	\$11.07	\$24,860	\$7.92	\$16,467	\$9.42	\$19,601	\$10.73	\$22,312	\$12.56	\$26,181	\$14.01	\$29,134
43-9000	Other Office and Administrative Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9011	Computer Operators	\$12.87	\$26,381	\$9.37	\$19,483	\$14.32	\$29,785	\$8.88	\$16,480	\$10.02	\$20,845	\$11.94	\$24,844	\$13.99	\$29,009	\$19.40	\$40,358
43-9021	Data Entry Keyers	\$10.34	\$21,503	\$8.07	\$16,794	\$11.47	\$23,858	\$7.59	\$15,783	\$8.70	\$18,089	\$10.02	\$20,749	\$12.95	\$23,955	\$13.35	\$27,775
43-9022	Word Processors and Typists	\$11.09	\$23,077	\$8.30	\$17,263	\$12.49	\$25,984	\$7.82	\$16,256	\$8.75	\$18,199	\$10.03	\$20,857	\$11.82	\$24,594	\$15.33	\$31,888
43-9031	Desktop Publishers	\$12.73	\$26,480	\$9.78	\$20,332	\$14.21	\$29,554	\$9.16	\$19,059	\$9.80	\$20,383	\$10.92	\$22,705	\$14.42	\$28,991	\$19.62	\$40,812
43-9041	Insurance Claims and Policy Processing Clerks	\$10.87	\$22,620	\$10.07	\$20,947	\$11.28	\$23,456	\$9.38	\$19,504	\$9.86	\$20,499	\$10.65	\$22,157	\$11.43	\$23,770	\$13.14	\$27,324
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$8.97	\$18,659	\$5.78	\$12,018	\$10.57	\$21,980	\$5.50	\$11,444	\$8.03	\$12,541	\$7.58	\$15,776	\$11.26	\$22,420	\$13.85	\$28,368
43-9061	Office Clerks, General	\$10.07	\$20,953	\$7.13	\$14,836	\$11.54	\$24,012	\$6.47	\$13,467	\$8.04	\$16,733	\$10.05	\$20,913	\$12.02	\$25,008	\$13.56	\$28,195
43-9071	Office Machine Operators, Except Computer	\$9.87	\$20,522	\$8.10	\$16,858	\$10.75	\$22,354	\$7.67	\$15,950	\$8.27	\$17,195	\$9.37	\$19,497	\$11.10	\$23,086	\$13.36	\$27,780
43-9081	Proofreaders and Copy Markers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9099	Secretaries, Administrative Assistants, and Other Office Support Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	\$10.82	\$22,508	\$8.79	\$18,278	\$11.84	\$24,623	\$9.14	\$16,940	\$9.20	\$19,128	\$10.25	\$21,316	\$12.05	\$25,063	\$14.45	\$30,052
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2000	Agricultural Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2041	Graders and Sorters, Agricultural Products	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2091	Agricultural Equipment Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2093	Farmworkers, Farm and Ranch Animals	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-9000	Other Farming, Fishing, and Forestry Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-0000	Construction and Extraction Occupations	\$17.63	\$36,678	\$10.66	\$22,164	\$21.12	\$43,934	\$9.74	\$20,265	\$11.87	\$24,697	\$15.96	\$33,200	\$22.77	\$47,355	\$28.94	\$60,202
47-1000	Supervisors, Construction and Extraction Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$22.16	\$46,891	\$14.49	\$30,227	\$28.02	\$53,821	\$13.22	\$26,155	\$15.09	\$33,349	\$20.50	\$42,825	\$27.16	\$56,194	\$33.56	\$69,041
47-2000	Construction Trades Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2021	Brickmasons and Blockmasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2022	Stonemasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2031	Carpenters	\$15.49	\$32,227	\$10.98	\$22,844	\$17.75	\$36,919	\$9.97	\$20,747	\$11.74	\$24,410	\$13.78	\$28,659	\$17.32	\$36,017	\$25.48	\$52,993
47-2041	Carpet Installers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2044	Tile and Marble Setters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2051	Cement Masons and Concrete Finishers	\$17.08	\$35,517	\$13.27	\$27,600	\$18.98	\$39,475	\$12.11	\$25,198	\$14.46	\$30,074	\$17.39	\$36,162	\$19.98	\$41,563	\$21.67	\$45,074
47-2061	Construction Laborers	\$12.99	\$27,015	\$9.13	\$18,987	\$14.92	\$31,029	\$8.72	\$18,147	\$9.58	\$19,924	\$10.88	\$22,624	\$17.07	\$35,510	\$20.02	\$41,642
47-2071	Paving, Surfacing, and Tamping Equipment Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2073	Operating Engineers and Other Construction Equipment Operators	\$16.25	\$33,787	\$11.94	\$23,468	\$18.73	\$38,952	\$10.41	\$21,651	\$12.82	\$25,458	\$14.75	\$30,690	\$19.07	\$41,538	\$25.43	\$52,903
47-2081	Drywall and Ceiling Tile Installers	\$18.06	\$37,565	\$11.27	\$23,445	\$21.45	\$44,625	\$11.12	\$23,134	\$12.82	\$26,667	\$16.87	\$35,092	\$23.64	\$40,167	\$26.96	\$56,067
47-2082	Tapers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2111	Electricians	\$24.34	\$50,636	\$15.65	\$32,549	\$28.69	\$59,679	\$13.66	\$28,418	\$18.52	\$38,526	\$26.06	\$54,210	\$30.79	\$64,046	\$33.51	\$69,693
47-2121	Glaziers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2130	Insulation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2141	Painters, Construction and Maintenance	\$13.33	\$27,728	\$9.95	\$20,705	\$15.02	\$31,239	\$9.53	\$19,826	\$10.74	\$22,344	\$12.48	\$25,951	\$14.40	\$29,949	\$19.57	\$40,700
47-2151	Pipelayers	\$15.81	\$32,892	\$12.92	\$26,874	\$17.26	\$35,901	\$11.73	\$24,398	\$14.12	\$29,362	\$15.67	\$32,787	\$17.34	\$36,076	\$20.40	\$42,437
47-2152	Plumbers, Pipefitters, and Steamfitters	\$20.68	\$43,018	\$13.89	\$28,901	\$24.08	\$50,077	\$12.64	\$26,292	\$15.42	\$32,077	\$18.01	\$37,455	\$27.89	\$58,004	\$32.07	\$66,714
47-2161	Plasterers and Stucco Masons	\$17.22	\$36,822	\$12.80	\$26,634	\$19.43	\$40,416	\$12.26	\$25,503	\$13.45	\$27,981	\$18.26	\$37,978	\$20.29	\$42,194	\$21.50	\$44,724
47-2181	Roofers	\$14.41	\$29,968	\$9.85	\$20,097	\$16.68	\$34,703	\$9.39	\$19,533	\$10.54	\$21,933	\$13.14	\$27,340	\$18.91	\$39,343	\$21.42	\$44,548
47-2211	Sheet Metal Workers	\$23.73	\$49,623	\$14.44	\$30,436	\$23.87	\$59,027	\$13.42	\$27,350	\$16.34	\$34,062	\$25.69	\$53,269	\$33.03	\$66,293	\$37.57	\$69,298
47-3000	Helpers, Construction Trades	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-3012	Helpers-Carpenters	\$10.79	\$22,436	\$9.45	\$19,653	\$11.46	\$23,828	\$8.77	\$18,243	\$9.23	\$19,208	\$10.01	\$20,817	\$10.87	\$22,601	\$15.63	\$32,513
47-3013	Helpers-Electricians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-3015	Helpers-Pipelayers, Plumbers, Pipefitters, and Steamfitters	\$10.44	\$21,725	\$7.29	\$15,15												

51-2092	Team Assemblers	\$17.61	\$36,624	\$10.69	\$22,237	\$21.07	\$43,817	\$9.73	\$20,247	\$11.72	\$24,369	\$16.48	\$34,285	\$24.32	\$50,582	\$26.73	\$55,599
51-2099	Assemblers and Fabricators, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3000	Food Processing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3011	Bakers	\$10.09	\$20,986	\$7.31	\$15,212	\$11.48	\$23,874	\$6.90	\$14,353	\$8.08	\$16,801	\$9.53	\$19,827	\$11.45	\$23,810	\$15.36	\$31,939
51-3021	Butchers and Meat Cutters	\$11.83	\$24,600	\$8.14	\$16,929	\$13.67	\$28,435	\$7.17	\$14,906	\$9.14	\$19,019	\$11.53	\$24,087	\$14.64	\$30,453	\$16.80	\$34,943
51-3023	Slaughtermen and Meat Packers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3092	Food Batchmakers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3093	Food Cooking Machine Operators and Tenders	\$9.40	\$19,550	\$7.33	\$15,242	\$10.43	\$21,703	\$7.09	\$14,745	\$7.80	\$16,225	\$9.25	\$19,241	\$10.86	\$22,583	\$12.80	\$26,631
51-4000	Metal Workers and Plastic Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$16.66	\$34,654	\$14.69	\$30,561	\$17.64	\$36,700	\$14.26	\$29,665	\$15.36	\$31,949	\$16.88	\$35,116	\$18.22	\$37,888	\$20.50	\$42,648
51-4012	Numerical Tool and Process Control Programmers	\$18.46	\$38,398	\$15.54	\$32,332	\$19.92	\$41,430	\$14.76	\$30,697	\$15.96	\$33,196	\$18.06	\$37,567	\$20.88	\$43,420	\$23.13	\$48,101
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$16.45	\$34,213	\$10.78	\$22,424	\$19.28	\$40,107	\$9.90	\$20,588	\$11.90	\$24,745	\$17.85	\$37,135	\$20.42	\$42,469	\$22.31	\$46,414
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	\$15.85	\$32,961	\$12.83	\$26,688	\$17.35	\$36,098	\$12.24	\$25,463	\$13.88	\$28,869	\$16.00	\$33,274	\$17.99	\$37,426	\$20.16	\$41,938
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$12.99	\$27,025	\$10.24	\$21,302	\$14.37	\$29,886	\$9.45	\$19,646	\$11.02	\$22,926	\$12.65	\$26,322	\$14.70	\$30,577	\$17.30	\$35,978
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$18.68	\$38,853	\$11.40	\$23,704	\$22.32	\$46,427	\$9.35	\$19,445	\$13.45	\$27,982	\$18.68	\$38,855	\$25.08	\$52,175	\$27.55	\$57,303
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$19.40	\$40,353	\$12.56	\$26,125	\$22.82	\$47,467	\$11.88	\$24,717	\$13.71	\$28,514	\$17.12	\$35,609	\$25.92	\$53,911	\$28.62	\$59,536
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$17.42	\$36,228	\$12.18	\$25,342	\$20.03	\$41,671	\$11.64	\$24,204	\$12.77	\$26,564	\$15.03	\$31,257	\$23.85	\$49,616	\$27.08	\$56,319
51-4041	Machinists	\$15.13	\$31,461	\$9.52	\$17,095	\$17.93	\$37,293	\$8.08	\$16,815	\$11.16	\$23,207	\$14.35	\$29,845	\$19.95	\$39,420	\$21.99	\$45,536
51-4051	Metal-Refining Furnace Operators and Tenders	\$13.83	\$28,763	\$12.31	\$25,596	\$14.59	\$30,347	\$11.39	\$23,685	\$11.96	\$24,884	\$12.92	\$26,882	\$14.32	\$29,779	\$14.34	\$40,221
51-4052	Pourers and Casters, Metal	\$15.85	\$32,969	\$11.96	\$24,880	\$17.79	\$37,013	\$11.43	\$23,780	\$12.34	\$25,664	\$15.07	\$31,338	\$19.77	\$41,124	\$21.26	\$44,226
51-4071	Foundry Mold and Coremakers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$11.16	\$23,211	\$8.75	\$18,203	\$12.36	\$25,715	\$8.01	\$16,667	\$9.34	\$19,434	\$10.77	\$22,404	\$12.67	\$26,345	\$15.47	\$32,172
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$13.23	\$27,524	\$10.06	\$20,826	\$14.82	\$30,422	\$9.60	\$19,967	\$10.63	\$22,221	\$12.50	\$26,010	\$15.69	\$32,840	\$18.48	\$38,425
51-4111	Tool and Die Makers	\$47.375	\$47,375	\$16.25	\$33,807	\$26.04	\$54,159	\$14.89	\$30,976	\$18.01	\$37,468	\$21.32	\$44,337	\$29.16	\$60,661	\$32.85	\$68,328
51-4121	Welders, Cutters, Solderers, and Brazers	\$13.47	\$28,026	\$9.67	\$20,109	\$15.38	\$31,985	\$9.26	\$19,268	\$10.26	\$22,121	\$12.17	\$25,315	\$14.98	\$31,151	\$19.81	\$41,207
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	\$18.33	\$38,117	\$13.31	\$27,680	\$20.83	\$43,336	\$12.31	\$25,596	\$14.26	\$29,653	\$16.86	\$35,067	\$23.28	\$48,428	\$26.49	\$55,107
51-4192	Lay-Out Workers, Metal and Plastic	\$20.30	\$42,217	\$11.05	\$22,976	\$24.92	\$51,838	\$9.64	\$20,045	\$12.53	\$26,069	\$16.82	\$34,976	\$30.58	\$65,957	\$33.41	\$69,497
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4194	Tool Grinders, Filers, and Sharpeners	\$13.08	\$27,205	\$9.22	\$19,175	\$15.01	\$31,219	\$7.76	\$16,147	\$11.09	\$23,067	\$12.43	\$25,849	\$13.70	\$28,949	\$20.63	\$42,911
51-4199	Metal Workers and Plastic Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5000	Printing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5011	Bindery Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5021	Job Printers	\$15.94	\$33,165	\$10.74	\$22,333	\$16.55	\$38,592	\$9.79	\$20,362	\$11.14	\$25,261	\$15.54	\$32,321	\$18.74	\$38,973	\$24.31	\$50,557
51-5022	Presses Technicians and Workers	\$13.97	\$29,064	\$9.11	\$18,945	\$16.41	\$34,123	\$8.65	\$17,988	\$10.00	\$20,806	\$13.38	\$27,837	\$17.53	\$36,471	\$20.77	\$43,204
51-5023	Printing Machine Operators	\$12.21	\$25,406	\$9.35	\$19,447	\$13.65	\$28,386	\$8.92	\$18,562	\$9.84	\$20,477	\$11.43	\$23,780	\$13.70	\$28,493	\$16.95	\$35,262
51-6000	Textile, Apparel, and Furnishings Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	\$8.44	\$17,545	\$6.71	\$13,957	\$9.30	\$19,339	\$6.16	\$12,804	\$7.24	\$15,058	\$8.44	\$17,555	\$9.88	\$20,554	\$13.73	\$22,314
51-6021	Pressers, Textile, Garment, and Related Materials	\$8.31	\$17,275	\$7.05	\$14,672	\$8.93	\$18,577	\$6.62	\$13,759	\$7.39	\$15,365	\$8.24	\$17,146	\$9.95	\$19,025	\$10.41	\$21,656
51-6031	Sewing Machine Operators	\$9.63	\$20,032	\$6.98	\$14,312	\$11.40	\$22,891	\$6.99	\$13,292	\$7.46	\$15,153	\$9.59	\$19,879	\$11.69	\$24,243	\$13.58	\$28,100
51-6051	Sewers, Hand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6052	Tailors, Dressmakers, and Custom Sewers	\$8.98	\$18,673	\$6.03	\$12,533	\$10.45	\$21,742	\$5.76	\$11,973	\$6.35	\$13,209	\$7.31	\$15,195	\$8.69	\$18,079	\$16.55	\$34,418
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6093	Upholsterers	\$9.21	\$19,165	\$7.77	\$16,159	\$9.94	\$20,668	\$7.30	\$16,175	\$7.71	\$16,045	\$8.41	\$17,487	\$10.92	\$22,713	\$12.99	\$27,024
51-7000	Woodworkers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	\$11.63	\$24,195	\$9.46	\$19,676	\$12.72	\$26,454	\$8.62	\$17,920	\$10.43	\$21,686	\$11.79	\$24,528	\$12.66	\$26,954	\$13.66	\$28,409
51-7021	Furniture Finishers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$10.37	\$21,565	\$9.09	\$18,900	\$11.01	\$22,897	\$8.52	\$17,724	\$9.45	\$19,663	\$10.26	\$21,344	\$11.08	\$23,046	\$12.79	\$26,595
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8000	Plant and System Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8021	Stationary Engineers and Boiler Operators	\$14.58	\$30,334	\$11.16	\$23,216	\$16.29	\$33,893	\$10.31	\$21,444	\$11.75	\$24,443	\$13.31	\$27,686	\$16.39	\$34,097	\$21.29	\$44,288
51-8031	Water and Liquid Waste Treatment Plant and System Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9000	Other Production Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$14.09	\$29,305	\$9.67	\$20,122	\$16.30	\$33,996	\$9.07	\$16,861	\$10.62	\$22,087	\$13.14	\$27,330	\$18.59	\$38,669	\$21.03	\$43,743
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$12.08	\$25,182	\$8.44	\$20,284	\$12.38	\$27,556	\$8.02	\$16,688	\$11.11	\$23,113	\$11.14	\$25,257	\$13.16	\$27,414	\$15.69	\$32,635
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$13.80	\$28,698	\$8.79	\$18,282	\$16.30	\$33,906	\$7.11	\$14,785	\$10.60	\$22,039	\$14.09	\$29,301	\$17.51	\$36,431	\$20.13	\$41,869
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$15.27	\$31,754	\$10.97	\$22,812	\$17.42	\$36,225	\$10.08	\$20,961	\$11.90	\$24,761	\$15.47	\$32,188	\$19.93	\$39,383	\$20.73	\$43,116
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$17.29	\$36,962	\$13.80	\$28,702	\$19.03	\$39,592	\$13.51	\$28,105	\$15.48	\$32,200	\$18.12	\$37,697	\$19.91	\$41,419	\$28.98	\$43,648
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$11.29	\$23,494	\$8.10	\$16,840	\$12.89	\$26,820	\$7.53	\$15,669	\$7.97	\$16,587	\$8.71	\$18,116	\$15.55	\$32,335	\$17.94	\$37,110
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$13.67	\$28,438	\$8.44	\$19,643	\$15.79	\$32,835	\$8.06	\$16,762	\$11.10	\$23,809	\$13.09	\$27,228	\$16.19	\$33,670	\$19.87	\$41,336
51-9081	Dental Laboratory Technicians	\$12.02	\$25,004	\$6.71	\$13,957	\$14.68	\$30,527	\$6.19	\$12,874	\$7.24	\$15,052	\$9.19	\$19,118	\$12.84	\$26,704	\$27.17	\$56,521
51-9111	Packaging and Filling Machine Operators and Tenders	\$11.68	\$24,300	\$9.05	\$18,819	\$13.00	\$27,040	\$8.38	\$17,423	\$9.40	\$19,547	\$10.60	\$21,969	\$14.20	\$29,545	\$17.05	\$35,456
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$12.59	\$26,191	\$9.41	\$19,569	\$11.18	\$29,502	\$8.89	\$16,486	\$10.28	\$21,381	\$12.08	\$25,120	\$13.64	\$28,374	\$18.81	\$39,125
51-9122	Painters, Transportation Equipment	\$8.99	\$18,695	\$6.26	\$13,025	\$10.35	\$21,530	\$5.95	\$12,379	\$6.59	\$13,715	\$7.70	\$16,025	\$8.87	\$18,457	\$14.96	\$31,122
51-9123	Painting, Coating, and Decorating Workers	\$10.69	\$22,234	\$9.76	\$20,292	\$11.16	\$23,205	\$9.19	\$19,117	\$9.67	\$20,122	\$9.48	\$21,796	\$11.31	\$23,534	\$13.31	\$27,689
51-9131	Photographic Process Workers	\$9.60	\$19,975	\$6.43	\$13,371	\$11.19	\$23,277	\$6.08	\$12,638	\$6.93	\$14,415	\$6.74	\$18,188	\$12.07	\$25,113	\$14.77	\$30,713
51-9132	Photographic Processing Machine Operators	\$9.83	\$20,436	\$7.72	\$16,066	\$10.88	\$22,621	\$7.36	\$15,313	\$7.97	\$16,573	\$9.28	\$19,298	\$11.28	\$23,461	\$13.63	\$28,359
51-9191	Cementing and Gluing Machine Operators and Tenders	\$12.02	\$24,995	\$10.22	\$21,266	\$12.91	\$26,860	\$9.61	\$19,998	\$10.36	\$21,554	\$11.66	\$24,244	\$13.63	\$28,346	\$15.18	\$31,565
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	\$13.76															

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 06**

**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>142,720</b>	<b>151,060</b>	<b>8,340</b>	<b>6%</b>	<b>34,970</b>	<b>46,260</b>	
29-1111	Registered Nurses	2,690	3,350	660	25%	560	1,220	1
31-9092	Medical Assistants	650	1,020	370	57%	120	490	2
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,750	3,120	370	13%	1,190	1,560	2
31-1011	Home Health Aides	1,220	1,580	360	30%	160	510	4
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,610	2,920	310	12%	430	740	5
35-3031	Waiters and Waitresses	1,960	2,240	280	14%	1,010	1,290	6
31-1012	Nursing Aides, Orderlies, and Attendants	2,090	2,330	240	11%	270	520	7
21-1093	Social and Human Service Assistants	350	580	230	66%	60	280	8
41-2031	Retail Salespersons	3,870	4,080	210	5%	1,410	1,620	9
43-4171	Receptionists and Information Clerks	1,110	1,320	210	19%	270	480	9
49-9042	Maintenance and Repair Workers, General	1,810	1,980	170	9%	350	520	11
11-1021	General and Operations Managers	1,600	1,760	160	10%	300	460	12
41-2011	Cashiers	4,850	5,010	160	3%	2,360	2,520	12
25-1191	Graduate Teaching Assistants	710	860	150	21%	160	320	14
25-9041	Teacher Assistants	1,320	1,460	140	11%	260	390	15
35-2014	Cooks, Restaurant	840	980	140	17%	260	390	15
43-4051	Customer Service Representatives	1,200	1,330	130	11%	180	310	17
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,630	1,760	130	8%	340	480	17
29-2071	Medical Records and Health Information Technicians	230	350	120	52%	30	160	19
35-2021	Food Preparation Workers	1,400	1,520	120	9%	500	610	19
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,170	2,290	120	6%	410	540	19
39-9011	Child Care Workers	1,240	1,360	120	10%	340	450	19
33-3051	Police and Sheriff's Patrol Officers	610	720	110	18%	160	270	23
51-9111	Packaging and Filling Machine Operators and Tenders	660	770	110	17%	130	240	23
29-2061	Licensed Practical and Licensed Vocational Nurses	1,320	1,420	100	8%	290	380	25
47-2111	Electricians	860	960	100	12%	170	260	25
53-7064	Packers and Packagers, Hand	1,460	1,550	90	6%	270	360	27
13-2011	Accountants and Auditors	670	750	80	12%	130	210	28
29-2052	Pharmacy Technicians	350	430	80	23%	50	120	28
31-9091	Dental Assistants	280	360	80	29%	80	160	28
39-9021	Personal and Home Care Aides	380	460	80	21%	60	150	28
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	840	920	80	10%	220	300	28
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	710	790	80	11%	120	200	28
53-3033	Truck Drivers, Light or Delivery Services	1,000	1,080	80	8%	90	180	28
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,190	1,260	70	6%	330	410	35
43-4121	Library Assistants, Clerical	470	540	70	15%	190	260	35
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,050	1,120	70	7%	260	320	35
11-9111	Medical and Health Services Managers	230	290	60	26%	50	110	38
21-1015	Rehabilitation Counselors	120	180	60	50%	30	90	38
21-1023	Mental Health and Substance Abuse Social Workers	110	170	60	55%	20	70	38
29-2055	Surgical Technologists	150	210	60	40%	20	80	38
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,020	1,080	60	6%	240	310	38
43-3011	Bill and Account Collectors	300	360	60	20%	60	120	38
43-6013	Medical Secretaries	460	520	60	13%	90	150	38
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	660	720	60	9%	160	230	38
49-3023	Automotive Service Technicians and Mechanics	820	880	60	7%	220	280	38
51-4121	Welders, Cutters, Solderers, and Brazers	790	850	60	8%	220	290	38
11-2022	Sales Managers	210	260	50	24%	40	90	48
15-1031	Computer Software Engineers, Applications	170	220	50	29%	20	70	48
25-2012	Kindergarten Teachers, Except Special Education	330	380	50	15%	40	90	48
25-2021	Elementary School Teachers, Except Special Education	1,470	1,520	50	3%	330	380	48
29-1051	Pharmacists	250	300	50	20%	50	100	48
29-1062	Family and General Practitioners	240	290	50	21%	30	80	48
29-2011	Medical and Clinical Laboratory Technologists	250	300	50	20%	70	120	48

33-2011	Fire Fighters	300	350	50	17%	90	130	48
33-3012	Correctional Officers and Jailers	370	420	50	14%	80	120	48
37-3011	Landscaping and Groundskeeping Workers	690	740	50	7%	150	200	48
39-9031	Fitness Trainers and Aerobics Instructors	190	240	50	26%	50	100	48
47-2061	Construction Laborers	720	770	50	7%	100	140	48
11-1011	Chief Executives	450	490	40	9%	90	130	60
13-2052	Personal Financial Advisors	120	160	40	33%	20	50	60
15-1051	Computer Systems Analysts	160	200	40	25%	20	60	60
17-2112	Industrial Engineers	250	290	40	16%	60	100	60
21-1012	Educational, Vocational, and School Counselors	260	300	40	15%	60	90	60
21-1014	Mental Health Counselors	190	230	40	21%	40	90	60
23-1011	Lawyers	190	230	40	21%	20	70	60
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	300	340	40	13%	70	100	60
29-1126	Respiratory Therapists	150	190	40	27%	50	90	60
29-2034	Radiologic Technologists and Technicians	180	220	40	22%	30	70	60
29-2041	Emergency Medical Technicians and Paramedics	270	310	40	15%	30	80	60
31-9094	Medical Transcriptionists	140	180	40	29%	30	60	60
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	270	310	40	15%	90	130	60
41-9011	Demonstrators and Product Promoters	240	280	40	17%	50	90	60
43-6012	Legal Secretaries	170	210	40	24%	30	70	60
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	350	390	40	11%	90	130	60
53-3022	Bus Drivers, School	710	750	40	6%	160	190	60
11-3021	Computer and Information Systems Managers	130	160	30	23%	20	50	77
11-3051	Industrial Production Managers	300	330	30	10%	60	80	77
11-9021	Construction Managers	210	240	30	14%	40	60	77
11-9032	Education Administrators, Elementary and Secondary School	240	270	30	13%	60	80	77
11-9051	Food Service Managers	410	440	30	7%	70	90	77
11-9151	Social and Community Service Managers	80	110	30	38%	20	40	77
13-1073	Training and Development Specialists	100	130	30	30%	20	40	77
13-1111	Management Analysts	100	130	30	30%	10	50	77
13-2072	Loan Officers	240	270	30	13%	40	70	77
15-1081	Network Systems and Data Communications Analysts	60	90	30	50%	10	40	77
25-1194	Vocational Education Teachers, Postsecondary	110	140	30	27%	30	50	77
27-3031	Public Relations Specialists	150	180	30	20%	20	50	77
29-1123	Physical Therapists	150	180	30	20%	20	40	77
31-2021	Physical Therapist Assistants	60	90	30	50%	10	30	77
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	230	260	30	13%	80	110	77
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,050	2,080	30	1%	370	400	77
41-3021	Insurance Sales Agents	270	300	30	11%	70	90	77
47-2031	Carpenters	620	650	30	5%	100	130	77
47-2073	Operating Engineers and Other Construction Equipment Operators	290	320	30	10%	70	100	77
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	130	160	30	23%	20	50	77
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	90	120	30	33%	20	50	77
11-3031	Financial Managers	290	310	20	7%	40	60	98
11-9033	Education Administrators, Postsecondary	140	160	20	14%	40	60	98
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	230	250	20	9%	60	80	98
13-1051	Cost Estimators	160	180	20	13%	40	60	98
15-1041	Computer Support Specialists	170	190	20	12%	20	40	98
15-1071	Network and Computer Systems Administrators	120	140	20	17%	10	40	98
19-3031	Clinical, Counseling, and School Psychologists	60	80	20	33%	10	30	98
21-1021	Child, Family, and School Social Workers	260	280	20	8%	50	70	98
21-1022	Medical and Public Health Social Workers	90	110	20	22%	20	40	98
25-1011	Business Teachers, Postsecondary	70	90	20	29%	20	40	98
25-1022	Mathematical Science Teachers, Postsecondary	80	100	20	25%	20	40	98
25-1121	Art, Drama, and Music Teachers, Postsecondary	70	90	20	29%	20	40	98
25-2011	Preschool Teachers, Except Special Education	250	270	20	8%	30	60	98
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	110	130	20	18%	30	50	98
27-1024	Graphic Designers	120	140	20	17%	20	30	98
27-2022	Coaches and Scouts	240	260	20	8%	50	70	98
27-4021	Photographers	310	330	20	6%	60	80	98
29-1031	Dietitians and Nutritionists	60	80	20	33%	20	30	98
29-1122	Occupational Therapists	110	130	20	18%	20	40	98
29-2012	Medical and Clinical Laboratory Technicians	170	190	20	12%	50	70	98
29-2032	Diagnostic Medical Sonographers	60	80	20	33%	10	30	98
29-2054	Respiratory Therapy Technicians	40	60	20	50%	10	20	98
29-2091	Orthotists and Prosthetists	50	70	20	40%	10	30	98
35-2015	Cooks, Short Order	300	320	20	7%	90	110	98

35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	380	20	6%	230	250	98
35-9021	Dishwashers	430	450	20	5%	140	170	98
39-3091	Amusement and Recreation Attendants	100	120	20	20%	30	40	98
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	98
43-4111	Interviewers, Except Eligibility and Loan	110	130	20	18%	30	50	98
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	170	190	20	12%	40	60	98
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	160	180	20	13%	40	70	98
43-9061	Office Clerks, General	2,360	2,380	20	1%	520	540	98
47-2071	Paving, Surfacing, and Tamping Equipment Operators	100	120	20	20%	10	30	98
47-2141	Painters, Construction and Maintenance	200	220	20	10%	30	50	98
47-2181	Roofers	240	260	20	8%	60	70	98
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	98
49-9043	Maintenance Workers, Machinery	110	130	20	18%	30	40	98
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	950	970	20	2%	160	180	98
51-9122	Painters, Transportation Equipment	110	130	20	18%	30	40	98
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operator	320	340	20	6%	80	90	98
53-3041	Taxi Drivers and Chauffeurs	190	210	20	11%	20	40	98
11-2021	Marketing Managers	80	90	10	13%	10	30	139
11-3011	Administrative Services Managers	120	130	10	8%	20	30	139
11-3040	Human Resources Managers	140	150	10	7%	20	40	139
11-3071	Transportation, Storage, and Distribution Managers	80	90	10	13%	20	30	139
11-9011	Farm, Ranch, and Other Agricultural Managers	100	110	10	10%	20	30	139
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	139
11-9041	Engineering Managers	110	120	10	9%	20	30	139
13-1072	Compensation, Benefits, and Job Analysis Specialists	100	110	10	10%	20	30	139
13-2041	Credit Analysts	50	60	10	20%	10	10	139
13-2082	Tax Preparers	40	50	10	25%	10	20	139
15-1021	Computer Programmers	180	190	10	6%	40	50	139
15-1061	Database Administrators	30	40	10	33%	0	10	139
17-1011	Architects, Except Landscape and Naval	30	40	10	33%	0	10	139
17-3027	Mechanical Engineering Technicians	40	50	10	25%	10	20	139
17-3031	Surveying and Mapping Technicians	50	60	10	20%	20	30	139
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	139
19-2041	Environmental Scientists and Specialists, Including Health	20	30	10	50%	0	10	139
19-3021	Market Research Analysts	40	50	10	25%	10	20	139
19-4031	Chemical Technicians	60	70	10	17%	20	20	139
23-2011	Paralegals and Legal Assistants	40	50	10	25%	0	10	139
25-1021	Computer Science Teachers, Postsecondary	40	50	10	25%	10	20	139
25-1042	Biological Science Teachers, Postsecondary	20	30	10	50%	10	10	139
25-1067	Sociology Teachers, Postsecondary	40	50	10	25%	10	20	139
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	139
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	20	139
25-1081	Education Teachers, Postsecondary	20	30	10	50%	10	10	139
25-1123	English Language and Literature Teachers, Postsecondary	40	50	10	25%	10	20	139
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	139
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	10	139
25-2042	Special Education Teachers, Middle School	70	80	10	14%	20	30	139
25-2043	Special Education Teachers, Secondary School	100	110	10	10%	20	40	139
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	130	140	10	8%	20	30	139
25-3021	Self-Enrichment Education Teachers	70	80	10	14%	10	20	139
25-4031	Library Technicians	150	160	10	7%	60	70	139
27-3020	News Analysts, Reporters and Correspondents	50	60	10	20%	10	20	139
27-3041	Editors	40	50	10	25%	10	10	139
29-1066	Psychiatrists	40	50	10	25%	10	10	139
29-1067	Surgeons	80	90	10	13%	10	30	139
29-1071	Physician Assistants	20	30	10	50%	0	10	139
29-1127	Speech-Language Pathologists	110	120	10	9%	30	40	139
29-2021	Dental Hygienists	50	60	10	20%	0	20	139
29-2031	Cardiovascular Technologists and Technicians	40	50	10	25%	10	20	139
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	139
29-2051	Dietetic Technicians	30	40	10	33%	0	10	139
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	139
31-9093	Medical Equipment Preparers	40	50	10	25%	10	10	139
31-9095	Pharmacy Aides	100	110	10	10%	20	30	139
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	70	80	10	14%	30	40	139
33-3021	Detectives and Criminal Investigators	60	70	10	17%	20	20	139
33-9091	Crossing Guards	70	80	10	14%	20	30	139

35-1011	Chefs and Head Cooks	80	90	10	13%	30	40	139
35-3011	Bartenders	440	450	10	2%	170	190	139
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	250	260	10	4%	60	70	139
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	20	139
37-2012	Maids and Housekeeping Cleaners	820	830	10	1%	170	180	139
39-4021	Funeral Attendants	130	140	10	8%	30	40	139
39-9032	Recreation Workers	100	110	10	10%	20	30	139
39-9041	Residential Advisors	180	190	10	6%	40	50	139
41-2021	Counter and Rental Clerks	600	610	10	2%	230	230	139
41-3031	Securities, Commodities, and Financial Services Sales Agents	100	110	10	10%	10	20	139
43-3071	Tellers	730	740	10	1%	360	370	139
43-5011	Cargo and Freight Agents	60	70	10	17%	10	20	139
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	139
43-5061	Production, Planning, and Expediting Clerks	280	290	10	4%	70	80	139
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	270	280	10	4%	80	80	139
45-2093	Farmworkers, Farm and Ranch Animals	30	40	10	33%	10	20	139
47-2022	Stonemasons	80	90	10	13%	10	10	139
47-2041	Carpet Installers	20	30	10	50%	0	10	139
47-2044	Tile and Marble Setters	60	70	10	17%	10	20	139
47-2051	Cement Masons and Concrete Finishers	30	40	10	33%	10	10	139
47-2082	Tapers	30	40	10	33%	10	10	139
47-2151	Pipelayers	110	120	10	9%	30	30	139
47-3012	Helpers--Carpenters	120	130	10	8%	50	60	139
47-4051	Highway Maintenance Workers	250	260	10	4%	40	50	139
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30	40	10	33%	10	10	139
49-3021	Automotive Body and Related Repairers	140	150	10	7%	30	30	139
49-3092	Recreational Vehicle Service Technicians	90	100	10	11%	40	50	139
49-9052	Telecommunications Line Installers and Repairers	60	70	10	17%	20	30	139
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	30	40	10	33%	10	10	139
49-9098	Helpers--Installation, Maintenance, and Repair Workers	150	160	10	7%	50	60	139
51-2022	Electrical and Electronic Equipment Assemblers	110	120	10	9%	30	30	139
51-3011	Bakers	210	220	10	5%	50	60	139
51-3092	Food Batchmakers	20	30	10	50%	10	10	139
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	360	370	10	3%	100	110	139
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	70	80	10	14%	20	20	139
51-5021	Job Printers	90	100	10	11%	20	30	139
51-5023	Printing Machine Operators	310	320	10	3%	70	80	139
51-6051	Sewers, Hand	110	120	10	9%	20	20	139
51-8031	Water and Liquid Waste Treatment Plant and System Operators	130	140	10	8%	40	60	139
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	220	230	10	5%	50	60	139
51-9081	Dental Laboratory Technicians	70	80	10	14%	20	20	139
51-9196	Paper Goods Machine Setters, Operators, and Tenders	130	140	10	8%	30	40	139
53-7032	Excavating and Loading Machine and Dragline Operators	30	40	10	33%	10	10	139
53-7063	Machine Feeders and Offbearers	360	370	10	3%	100	110	139
53-7081	Refuse and Recyclable Material Collectors	180	190	10	6%	50	50	139
11-2011	Advertising and Promotions Managers	50	50	0	0%	10	10	234
11-2031	Public Relations Managers	30	30	0	0%	10	10	234
11-3061	Purchasing Managers	60	60	0	0%	10	20	234
11-9061	Funeral Directors	30	30	0	0%	10	10	234
11-9081	Lodging Managers	40	40	0	0%	10	10	234
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	234
11-9141	Property, Real Estate, and Community Association Managers	50	50	0	0%	10	10	234
11-1031	Legislators	120	120	0	0%	20	20	234
13-1022	Wholesale and Retail Buyers, Except Farm Products	100	100	0	0%	30	30	234
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	70	70	0	0%	20	20	234
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	234
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	234
13-2021	Appraisers and Assessors of Real Estate	190	190	0	0%	40	50	234
13-2031	Budget Analysts	20	20	0	0%	0	10	234
13-2051	Financial Analysts	70	70	0	0%	10	20	234
13-2071	Loan Counselors	30	30	0	0%	0	10	234
17-1012	Landscape Architects	30	30	0	0%	0	10	234
17-1022	Surveyors	30	30	0	0%	10	10	234
17-2051	Civil Engineers	20	20	0	0%	0	0	234
17-2072	Electronics Engineers, Except Computer	20	20	0	0%	10	10	234
17-2131	Materials Engineers	30	30	0	0%	10	10	234
17-2141	Mechanical Engineers	250	250	0	0%	70	70	234

17-3011	Architectural and Civil Drafters	20	20	0	0%	10	10	234
17-3023	Electrical and Electronic Engineering Technicians	60	60	0	0%	10	20	234
17-3026	Industrial Engineering Technicians	60	60	0	0%	10	20	234
19-1022	Microbiologists	20	20	0	0%	10	10	234
19-1031	Conservation Scientists	20	20	0	0%	0	0	234
19-2031	Chemists	50	50	0	0%	20	20	234
19-3022	Survey Researchers	30	30	0	0%	10	10	234
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	234
21-1013	Marriage and Family Therapists	20	20	0	0%	0	10	234
21-1091	Health Educators	20	20	0	0%	0	10	234
21-1092	Probation Officers and Correctional Treatment Specialists	40	40	0	0%	10	10	234
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	234
23-2091	Court Reporters	80	80	0	0%	10	10	234
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	234
25-1066	Psychology Teachers, Postsecondary	20	20	0	0%	0	10	234
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	234
25-1125	History Teachers, Postsecondary	20	20	0	0%	0	10	234
25-2023	Vocational Education Teachers, Middle School	30	30	0	0%	10	10	234
25-2032	Vocational Education Teachers, Secondary School	120	120	0	0%	30	30	234
25-4021	Librarians	150	150	0	0%	40	40	234
25-9031	Instructional Coordinators	30	30	0	0%	0	10	234
27-1011	Art Directors	40	40	0	0%	10	10	234
27-1021	Commercial and Industrial Designers	80	80	0	0%	10	20	234
27-1025	Interior Designers	40	40	0	0%	10	10	234
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	234
27-3042	Technical Writers	20	20	0	0%	10	10	234
27-4011	Audio and Video Equipment Technicians	30	30	0	0%	10	10	234
29-1020	Dentists	110	110	0	0%	20	20	234
29-1041	Optometrists	30	30	0	0%	10	10	234
29-1061	Anesthesiologists	20	20	0	0%	0	0	234
29-1065	Pediatricians, General	20	20	0	0%	0	10	234
29-1125	Recreational Therapists	70	70	0	0%	20	20	234
29-1131	Veterinarians	30	30	0	0%	10	10	234
29-2056	Veterinary Technologists and Technicians	30	30	0	0%	0	10	234
29-2081	Opticians, Dispensing	110	110	0	0%	20	20	234
29-9010	Occupational Health and Safety Specialists and Technicians	40	40	0	0%	10	10	234
29-9091	Athletic Trainers	20	20	0	0%	0	10	234
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	120	120	0	0%	20	20	234
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	70	0	0%	20	30	234
33-1012	First-Line Supervisors/Managers of Police and Detectives	70	70	0	0%	20	30	234
33-3011	Bailiffs	50	50	0	0%	10	10	234
33-9011	Animal Control Workers	20	20	0	0%	20	20	234
35-2011	Cooks, Fast Food	650	650	0	0%	200	200	234
35-3041	Food Servers, Nonrestaurant	110	110	0	0%	40	40	234
37-2021	Pest Control Workers	40	40	0	0%	10	10	234
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	60	60	0	0%	10	20	234
39-1021	First-Line Supervisors/Managers of Personal Service Workers	240	240	0	0%	60	60	234
39-2021	Nonfarm Animal Caretakers	80	80	0	0%	20	30	234
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	130	0	0%	70	80	234
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	40	40	0	0%	10	10	234
39-4011	Embalmers	30	30	0	0%	10	10	234
39-5094	Skin Care Specialists	50	50	0	0%	10	10	234
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	380	380	0	0%	70	70	234
41-3011	Advertising Sales Agents	120	120	0	0%	20	30	234
41-3041	Travel Agents	60	60	0	0%	10	10	234
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	130	130	0	0%	30	40	234
41-9021	Real Estate Brokers	50	50	0	0%	10	10	234
41-9022	Real Estate Sales Agents	150	150	0	0%	30	30	234
41-9031	Sales Engineers	60	60	0	0%	20	20	234
41-9041	Telemarketers	130	130	0	0%	20	20	234
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	90	90	0	0%	20	20	234
43-3021	Billing and Posting Clerks and Machine Operators	490	490	0	0%	80	80	234
43-3061	Procurement Clerks	50	50	0	0%	10	10	234
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	234
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	234
43-4141	New Accounts Clerks	80	80	0	0%	20	20	234
43-5032	Dispatchers, Except Police, Fire, and Ambulance	100	100	0	0%	20	30	234

43-5041	Meter Readers, Utilities	90	90	0	0%	30	30	234
43-5051	Postal Service Clerks	90	90	0	0%	20	20	234
43-9031	Desktop Publishers	30	30	0	0%	10	10	234
43-9041	Insurance Claims and Policy Processing Clerks	170	170	0	0%	30	30	234
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	234
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	234
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	234
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	20	0	0%	10	10	234
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	234
45-2091	Agricultural Equipment Operators	30	30	0	0%	10	10	234
47-2021	Brickmasons and Blockmasons	100	100	0	0%	20	20	234
47-2121	Glaziers	30	30	0	0%	10	10	234
47-2130	Insulation Workers	80	80	0	0%	20	20	234
47-2152	Plumbers, Pipefitters, and Steamfitters	430	430	0	0%	100	100	234
47-2161	Plasterers and Stucco Masons	20	20	0	0%	0	10	234
47-2211	Sheet Metal Workers	170	170	0	0%	40	40	234
47-2221	Structural Iron and Steel Workers	100	100	0	0%	20	30	234
47-3013	Helpers--Electricians	30	30	0	0%	10	10	234
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	234
47-3016	Helpers--Roofers	30	30	0	0%	10	10	234
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	234
47-5021	Earth Drillers, Except Oil and Gas	30	30	0	0%	10	10	234
47-5081	Helpers--Extraction Workers	30	30	0	0%	10	10	234
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	40	0	0%	0	10	234
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	30	30	0	0%	10	10	234
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	30	0	0%	10	10	234
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	234
49-3041	Farm Equipment Mechanics	80	80	0	0%	20	20	234
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	234
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	234
49-3091	Bicycle Repairers	20	20	0	0%	10	10	234
49-3093	Tire Repairers and Changers	130	130	0	0%	50	50	234
49-9045	Refractory Materials Repairers, Except Brickmasons	20	20	0	0%	0	10	234
49-9062	Medical Equipment Repairers	20	20	0	0%	0	10	234
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	234
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	20	20	0	0%	10	10	234
51-3023	Slaughterers and Meat Packers	20	20	0	0%	0	10	234
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	234
51-4012	Numerical Tool and Process Control Programmers	30	30	0	0%	10	10	234
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	310	310	0	0%	90	90	234
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	190	190	0	0%	30	30	234
51-4192	Lay-Out Workers, Metal and Plastic	20	20	0	0%	0	10	234
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	0	0	234
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	90	90	0	0%	30	30	234
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	80	80	0	0%	20	20	234
51-8021	Stationary Engineers and Boiler Operators	80	80	0	0%	20	20	234
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	70	70	0	0%	20	20	234
51-9022	Grinding and Polishing Workers, Hand	130	130	0	0%	40	40	234
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	234
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	100	100	0	0%	30	30	234
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	270	270	0	0%	70	70	234
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	234
51-9131	Photographic Process Workers	60	60	0	0%	20	20	234
51-9132	Photographic Processing Machine Operators	70	70	0	0%	20	20	234
51-9191	Cementing and Gluing Machine Operators and Tenders	90	90	0	0%	30	30	234
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	20	20	0	0%	10	10	234
51-9194	Etchers and Engravers	30	30	0	0%	10	10	234
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	190	190	0	0%	40	50	234
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	20	20	0	0%	0	0	234
53-3021	Bus Drivers, Transit and Intercity	110	110	0	0%	20	20	234
53-3031	Driver/Sales Workers	510	510	0	0%	80	80	234
53-6021	Parking Lot Attendants	40	40	0	0%	10	10	234
53-6031	Service Station Attendants	160	160	0	0%	70	70	234
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	234
13-1021	Purchasing Agents and Buyers, Farm Products	20	10	-10	-50%	10	10	387
17-2071	Electrical Engineers	50	40	-10	-20%	10	10	387
17-3013	Mechanical Drafters	120	110	-10	-8%	30	30	387

19-4021	Biological Technicians	30	20	-10	-33%	10	10	387
27-1023	Floral Designers	120	110	-10	-8%	20	20	387
27-3010	Announcers	110	100	-10	-9%	30	30	387
29-2053	Psychiatric Technicians	730	720	-10	-1%	100	100	387
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	387
33-9032	Security Guards	400	390	-10	-3%	90	90	387
43-2011	Switchboard Operators, Including Answering Service	210	200	-10	-5%	50	50	387
43-4011	Brokerage Clerks	40	30	-10	-25%	10	10	387
43-4061	Eligibility Interviewers, Government Programs	70	60	-10	-14%	20	20	387
43-4071	File Clerks	180	170	-10	-6%	60	60	387
43-5021	Couriers and Messengers	170	160	-10	-6%	40	40	387
43-5052	Postal Service Mail Carriers	450	440	-10	-2%	140	140	387
43-6011	Executive Secretaries and Administrative Assistants	1,140	1,130	-10	-1%	220	220	387
49-2021	Radio Mechanics	20	10	-10	-50%	0	0	387
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	100	90	-10	-10%	20	20	387
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	10	-10	-50%	0	0	387
49-9031	Home Appliance Repairers	80	70	-10	-13%	20	20	387
49-9044	Millwrights	170	160	-10	-6%	40	40	387
49-9051	Electrical Power-Line Installers and Repairers	90	80	-10	-11%	30	30	387
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	300	290	-10	-3%	100	100	387
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	70	60	-10	-14%	20	20	387
51-4051	Metal-Refining Furnace Operators and Tenders	100	90	-10	-10%	20	20	387
51-4071	Foundry Mold and Coremakers	100	90	-10	-10%	30	30	387
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	90	80	-10	-11%	20	20	387
51-5011	Bindery Workers	70	60	-10	-14%	20	20	387
51-5022	Prepress Technicians and Workers	150	140	-10	-7%	40	40	387
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	387
51-6093	Upholsterers	20	10	-10	-50%	0	0	387
51-7021	Furniture Finishers	80	70	-10	-13%	20	20	387
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	387
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	100	90	-10	-10%	30	30	387
51-9198	Helpers--Production Workers	810	800	-10	-1%	230	230	387
53-7051	Industrial Truck and Tractor Operators	980	970	-10	-1%	190	190	387
25-2022	Middle School Teachers, Except Special and Vocational Education	600	580	-20	-3%	130	130	423
39-5012	Hairdressers, Hairstylists, and Cosmetologists	440	420	-20	-5%	90	90	423
41-2022	Parts Salespersons	220	200	-20	-9%	60	60	423
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	160	140	-20	-13%	40	40	423
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	140	120	-20	-14%	20	20	423
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Pl	430	410	-20	-5%	80	80	423
51-4052	Pourers and Casters, Metal	90	70	-20	-22%	20	20	423
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	280	260	-20	-7%	90	90	423
51-6021	Pressers, Textile, Garment, and Related Materials	60	40	-20	-33%	10	10	423
51-6031	Sewing Machine Operators	390	370	-20	-5%	50	50	423
43-3051	Payroll and Timekeeping Clerks	500	470	-30	-6%	130	130	433
43-4131	Loan Interviewers and Clerks	160	130	-30	-19%	20	20	433
43-5071	Shipping, Receiving, and Traffic Clerks	830	800	-30	-4%	170	170	433
43-9011	Computer Operators	130	100	-30	-23%	30	30	433
43-9021	Data Entry Keyers	170	140	-30	-18%	40	40	433
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	50	20	-30	-60%	10	10	433
47-2081	Drywall and Ceiling Tile Installers	110	80	-30	-27%	20	20	433
51-2031	Engine and Other Machine Assemblers	420	390	-30	-7%	120	120	433
51-2041	Structural Metal Fabricators and Fitters	80	50	-30	-38%	20	20	433
51-3021	Butchers and Meat Cutters	150	120	-30	-20%	30	30	433
53-7061	Cleaners of Vehicles and Equipment	350	320	-30	-9%	120	120	433
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,410	1,370	-40	-3%	300	300	444
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	760	720	-40	-5%	150	150	444
51-4194	Tool Grinders, Filers, and Sharpeners	220	180	-40	-18%	70	70	444
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,340	1,300	-40	-3%	300	300	444
43-4151	Order Clerks	290	230	-60	-21%	70	70	448
51-4041	Machinists	790	730	-60	-8%	180	180	448
51-7011	Cabinetmakers and Bench Carpenters	280	220	-60	-21%	70	70	448
43-9022	Word Processors and Typists	160	90	-70	-44%	40	40	451
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	710	640	-70	-10%	170	170	451
51-6011	Laundry and Dry-Cleaning Workers	400	330	-70	-18%	110	110	451
51-2021	Coil Winders, Tapers, and Finishers	300	220	-80	-27%	70	70	454
51-4111	Tool and Die Makers	690	610	-80	-12%	160	160	454
35-2012	Cooks, Institution and Cafeteria	830	730	-100	-12%	260	260	456

43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,310	2,200	-110	-5%	430	430	<b>457</b>
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,200	2,010	-190	-9%	720	720	<b>458</b>
43-6014	Secretaries, Except Legal, Medical, and Executive	1,790	1,590	-200	-11%	340	340	<b>459</b>
43-5081	Stock Clerks and Order Fillers	1,520	1,310	-210	-14%	560	560	<b>460</b>
51-2092	Team Assemblers	2,720	2,500	-220	-8%	700	700	<b>461</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 06**

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>142,720</b>	<b>151,060</b>	<b>8,340</b>	<b>6%</b>	<b>34,970</b>	<b>46,260</b>	
21-1093	Social and Human Service Assistants	350	580	230	66%	60	280	1
31-9092	Medical Assistants	650	1,020	370	57%	120	490	2
21-1023	Mental Health and Substance Abuse Social Workers	110	170	60	55%	20	70	3
29-2071	Medical Records and Health Information Technicians	230	350	120	52%	30	160	4
15-1081	Network Systems and Data Communications Analysts	60	90	30	50%	10	40	5
19-2041	Environmental Scientists and Specialists, Including Health	20	30	10	50%	0	10	5
21-1015	Rehabilitation Counselors	120	180	60	50%	30	90	5
25-1042	Biological Science Teachers, Postsecondary	20	30	10	50%	10	10	5
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	5
25-1081	Education Teachers, Postsecondary	20	30	10	50%	10	10	5
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	5
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	10	5
29-1071	Physician Assistants	20	30	10	50%	0	10	5
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	5
29-2054	Respiratory Therapy Technicians	40	60	20	50%	10	20	5
31-2021	Physical Therapist Assistants	60	90	30	50%	10	30	5
47-2041	Carpet Installers	20	30	10	50%	0	10	5
51-3092	Food Batchmakers	20	30	10	50%	10	10	5
29-2055	Surgical Technologists	150	210	60	40%	20	80	19
29-2091	Orthotists and Prosthetists	50	70	20	40%	10	30	19
11-9151	Social and Community Service Managers	80	110	30	38%	20	40	21
13-2052	Personal Financial Advisors	120	160	40	33%	20	50	22
15-1061	Database Administrators	30	40	10	33%	0	10	22
17-1011	Architects, Except Landscape and Naval	30	40	10	33%	0	10	22
19-3031	Clinical, Counseling, and School Psychologists	60	80	20	33%	10	30	22
29-1031	Dietitians and Nutritionists	60	80	20	33%	20	30	22
29-2032	Diagnostic Medical Sonographers	60	80	20	33%	10	30	22
29-2051	Dietetic Technicians	30	40	10	33%	0	10	22
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	22
45-2093	Farmworkers, Farm and Ranch Animals	30	40	10	33%	10	20	22
47-2051	Cement Masons and Concrete Finishers	30	40	10	33%	10	10	22
47-2082	Tapers	30	40	10	33%	10	10	22
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30	40	10	33%	10	10	22
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	30	40	10	33%	10	10	22
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	90	120	30	33%	20	50	22
53-7032	Excavating and Loading Machine and Dragline Operators	30	40	10	33%	10	10	22
13-1073	Training and Development Specialists	100	130	30	30%	20	40	37
13-1111	Management Analysts	100	130	30	30%	10	50	37
31-1011	Home Health Aides	1,220	1,580	360	30%	160	510	39
15-1031	Computer Software Engineers, Applications	170	220	50	29%	20	70	40
25-1011	Business Teachers, Postsecondary	70	90	20	29%	20	40	41
25-1121	Art, Drama, and Music Teachers, Postsecondary	70	90	20	29%	20	40	41
31-9091	Dental Assistants	280	360	80	29%	80	160	41
31-9094	Medical Transcriptionists	140	180	40	29%	30	60	41
25-1194	Vocational Education Teachers, Postsecondary	110	140	30	27%	30	50	45
29-1126	Respiratory Therapists	150	190	40	27%	50	90	46
39-9031	Fitness Trainers and Aerobics Instructors	190	240	50	26%	50	100	47
11-9111	Medical and Health Services Managers	230	290	60	26%	50	110	48
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	49
13-2082	Tax Preparers	40	50	10	25%	10	20	49
15-1051	Computer Systems Analysts	160	200	40	25%	20	60	49
17-3027	Mechanical Engineering Technicians	40	50	10	25%	10	20	49
19-3021	Market Research Analysts	40	50	10	25%	10	20	49
23-2011	Paralegals and Legal Assistants	40	50	10	25%	0	10	49
25-1021	Computer Science Teachers, Postsecondary	40	50	10	25%	10	20	49
25-1022	Mathematical Science Teachers, Postsecondary	80	100	20	25%	20	40	49
25-1067	Sociology Teachers, Postsecondary	40	50	10	25%	10	20	49

25-1123	English Language and Literature Teachers, Postsecondary	40	50	10	25%	10	20	<b>49</b>
27-3041	Editors	40	50	10	25%	10	10	<b>49</b>
29-1066	Psychiatrists	40	50	10	25%	10	10	<b>49</b>
29-2031	Cardiovascular Technologists and Technicians	40	50	10	25%	10	20	<b>49</b>
31-9093	Medical Equipment Preparers	40	50	10	25%	10	10	<b>49</b>
29-1111	Registered Nurses	2,690	3,350	660	25%	560	1,220	<b>63</b>
11-2022	Sales Managers	210	260	50	24%	40	90	<b>64</b>
43-6012	Legal Secretaries	170	210	40	24%	30	70	<b>65</b>
11-3021	Computer and Information Systems Managers	130	160	30	23%	20	50	<b>66</b>
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	130	160	30	23%	20	50	<b>66</b>
29-2052	Pharmacy Technicians	350	430	80	23%	50	120	<b>68</b>
21-1022	Medical and Public Health Social Workers	90	110	20	22%	20	40	<b>69</b>
29-2034	Radiologic Technologists and Technicians	180	220	40	22%	30	70	<b>69</b>
25-1191	Graduate Teaching Assistants	710	860	150	21%	160	320	<b>71</b>
21-1014	Mental Health Counselors	190	230	40	21%	40	90	<b>72</b>
23-1011	Lawyers	190	230	40	21%	20	70	<b>72</b>
39-9021	Personal and Home Care Aides	380	460	80	21%	60	150	<b>72</b>
29-1062	Family and General Practitioners	240	290	50	21%	30	80	<b>75</b>
13-2041	Credit Analysts	50	60	10	20%	10	10	<b>76</b>
17-3031	Surveying and Mapping Technicians	50	60	10	20%	20	30	<b>76</b>
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	<b>76</b>
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	20	<b>76</b>
27-3020	News Analysts, Reporters and Correspondents	50	60	10	20%	10	20	<b>76</b>
27-3031	Public Relations Specialists	150	180	30	20%	20	50	<b>76</b>
29-1051	Pharmacists	250	300	50	20%	50	100	<b>76</b>
29-1123	Physical Therapists	150	180	30	20%	20	40	<b>76</b>
29-2011	Medical and Clinical Laboratory Technologists	250	300	50	20%	70	120	<b>76</b>
29-2021	Dental Hygienists	50	60	10	20%	0	20	<b>76</b>
39-3091	Amusement and Recreation Attendants	100	120	20	20%	30	40	<b>76</b>
43-3011	Bill and Account Collectors	300	360	60	20%	60	120	<b>76</b>
47-2071	Paving, Surfacing, and Tamping Equipment Operators	100	120	20	20%	10	30	<b>76</b>
43-4171	Receptionists and Information Clerks	1,110	1,320	210	19%	270	480	<b>89</b>
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	110	130	20	18%	30	50	<b>90</b>
29-1122	Occupational Therapists	110	130	20	18%	20	40	<b>90</b>
43-4111	Interviewers, Except Eligibility and Loan	110	130	20	18%	30	50	<b>90</b>
49-9043	Maintenance Workers, Machinery	110	130	20	18%	30	40	<b>90</b>
51-9122	Painters, Transportation Equipment	110	130	20	18%	30	40	<b>90</b>
33-3051	Police and Sheriff's Patrol Officers	610	720	110	18%	160	270	<b>95</b>
15-1071	Network and Computer Systems Administrators	120	140	20	17%	10	40	<b>96</b>
19-4031	Chemical Technicians	60	70	10	17%	20	20	<b>96</b>
27-1024	Graphic Designers	120	140	20	17%	20	30	<b>96</b>
33-2011	Fire Fighters	300	350	50	17%	90	130	<b>96</b>
33-3021	Detectives and Criminal Investigators	60	70	10	17%	20	20	<b>96</b>
35-2014	Cooks, Restaurant	840	980	140	17%	260	390	<b>96</b>
41-9011	Demonstrators and Product Promoters	240	280	40	17%	50	90	<b>96</b>
43-5011	Cargo and Freight Agents	60	70	10	17%	10	20	<b>96</b>
47-2044	Tile and Marble Setters	60	70	10	17%	10	20	<b>96</b>
49-9052	Telecommunications Line Installers and Repairers	60	70	10	17%	20	30	<b>96</b>
51-9111	Packaging and Filling Machine Operators and Tenders	660	770	110	17%	130	240	<b>96</b>
17-2112	Industrial Engineers	250	290	40	16%	60	100	<b>107</b>
21-1012	Educational, Vocational, and School Counselors	260	300	40	15%	60	90	<b>108</b>
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	<b>108</b>
25-2012	Kindergarten Teachers, Except Special Education	330	380	50	15%	40	90	<b>110</b>
43-4121	Library Assistants, Clerical	470	540	70	15%	190	260	<b>111</b>
29-2041	Emergency Medical Technicians and Paramedics	270	310	40	15%	30	80	<b>112</b>
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	270	310	40	15%	90	130	<b>112</b>
11-9021	Construction Managers	210	240	30	14%	40	60	<b>114</b>
11-9033	Education Administrators, Postsecondary	140	160	20	14%	40	60	<b>114</b>
25-2042	Special Education Teachers, Middle School	70	80	10	14%	20	30	<b>114</b>
25-3021	Self-Enrichment Education Teachers	70	80	10	14%	10	20	<b>114</b>
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	70	80	10	14%	30	40	<b>114</b>
33-9091	Crossing Guards	70	80	10	14%	20	30	<b>114</b>
35-3031	Waiters and Waitresses	1,960	2,240	280	14%	1,010	1,290	<b>114</b>
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	70	80	10	14%	20	20	<b>114</b>
51-9081	Dental Laboratory Technicians	70	80	10	14%	20	20	<b>114</b>
33-3012	Correctional Officers and Jailers	370	420	50	14%	80	120	<b>123</b>
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,750	3,120	370	13%	1,190	1,560	<b>124</b>
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	300	340	40	13%	70	100	<b>125</b>
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	230	260	30	13%	80	110	<b>126</b>
43-6013	Medical Secretaries	460	520	60	13%	90	150	<b>126</b>
11-2021	Marketing Managers	80	90	10	13%	10	30	<b>128</b>

11-3071	Transportation, Storage, and Distribution Managers	80	90	10	13%	20	30	128
11-9032	Education Administrators, Elementary and Secondary School	240	270	30	13%	60	80	128
13-1051	Cost Estimators	160	180	20	13%	40	60	128
13-2072	Loan Officers	240	270	30	13%	40	70	128
29-1067	Surgeons	80	90	10	13%	10	30	128
35-1011	Chefs and Head Cooks	80	90	10	13%	30	40	128
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	160	180	20	13%	40	70	128
47-2022	Stonemasons	80	90	10	13%	10	10	128
13-2011	Accountants and Auditors	670	750	80	12%	130	210	137
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,610	2,920	310	12%	430	740	138
15-1041	Computer Support Specialists	170	190	20	12%	20	40	139
29-2012	Medical and Clinical Laboratory Technicians	170	190	20	12%	50	70	139
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	170	190	20	12%	40	60	139
47-2111	Electricians	860	960	100	12%	170	260	142
31-1012	Nursing Aides, Orderlies, and Attendants	2,090	2,330	240	11%	270	520	143
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	350	390	40	11%	90	130	144
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	710	790	80	11%	120	200	145
41-3021	Insurance Sales Agents	270	300	30	11%	70	90	146
49-3092	Recreational Vehicle Service Technicians	90	100	10	11%	40	50	146
51-5021	Job Printers	90	100	10	11%	20	30	146
43-4051	Customer Service Representatives	1,200	1,330	130	11%	180	310	149
25-9041	Teacher Assistants	1,320	1,460	140	11%	260	390	150
53-3041	Taxi Drivers and Chauffeurs	190	210	20	11%	20	40	151
47-2073	Operating Engineers and Other Construction Equipment Operators	290	320	30	10%	70	100	152
11-3051	Industrial Production Managers	300	330	30	10%	60	80	153
11-9011	Farm, Ranch, and Other Agricultural Managers	100	110	10	10%	20	30	153
11-1021	General and Operations Managers	1,600	1,760	160	10%	300	460	153
13-1072	Compensation, Benefits, and Job Analysis Specialists	100	110	10	10%	20	30	153
25-2043	Special Education Teachers, Secondary School	100	110	10	10%	20	40	153
31-9095	Pharmacy Aides	100	110	10	10%	20	30	153
39-9032	Recreation Workers	100	110	10	10%	20	30	153
41-3031	Securities, Commodities, and Financial Services Sales Agents	100	110	10	10%	10	20	153
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	153
47-2141	Painters, Construction and Maintenance	200	220	20	10%	30	50	153
39-9011	Child Care Workers	1,240	1,360	120	10%	340	450	163
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	840	920	80	10%	220	300	164
49-9042	Maintenance and Repair Workers, General	1,810	1,980	170	9%	350	520	165
11-9041	Engineering Managers	110	120	10	9%	20	30	166
29-1127	Speech-Language Pathologists	110	120	10	9%	30	40	166
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	20	166
47-2151	Pipelayers	110	120	10	9%	30	30	166
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	660	720	60	9%	160	230	166
51-2022	Electrical and Electronic Equipment Assemblers	110	120	10	9%	30	30	166
51-6051	Sewers, Hand	110	120	10	9%	20	20	166
11-1011	Chief Executives	450	490	40	9%	90	130	173
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	230	250	20	9%	60	80	174
35-2021	Food Preparation Workers	1,400	1,520	120	9%	500	610	175
11-3011	Administrative Services Managers	120	130	10	8%	20	30	176
27-2022	Coaches and Scouts	240	260	20	8%	50	70	176
47-2181	Roofers	240	260	20	8%	60	70	176
47-3012	Helpers--Carpenters	120	130	10	8%	50	60	176
25-2011	Preschool Teachers, Except Special Education	250	270	20	8%	30	60	180
53-3033	Truck Drivers, Light or Delivery Services	1,000	1,080	80	8%	90	180	180
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,630	1,760	130	8%	340	480	182
21-1021	Child, Family, and School Social Workers	260	280	20	8%	50	70	183
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	130	140	10	8%	20	30	183
39-4021	Funeral Attendants	130	140	10	8%	30	40	183
51-8031	Water and Liquid Waste Treatment Plant and System Operators	130	140	10	8%	40	60	183
51-9196	Paper Goods Machine Setters, Operators, and Tenders	130	140	10	8%	30	40	183
51-4121	Welders, Cutters, Solderers, and Brazers	790	850	60	8%	220	290	188
29-2061	Licensed Practical and Licensed Vocational Nurses	1,320	1,420	100	8%	290	380	189
11-9051	Food Service Managers	410	440	30	7%	70	90	190
49-3023	Automotive Service Technicians and Mechanics	820	880	60	7%	220	280	190
37-3011	Landscaping and Groundskeeping Workers	690	740	50	7%	150	200	192
11-3040	Human Resources Managers	140	150	10	7%	20	40	193
49-3021	Automotive Body and Related Repairers	140	150	10	7%	30	30	193
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	193
47-2061	Construction Laborers	720	770	50	7%	100	140	196
11-3031	Financial Managers	290	310	20	7%	40	60	197
25-4031	Library Technicians	150	160	10	7%	60	70	198
35-2015	Cooks, Short Order	300	320	20	7%	90	110	198

49-9098	Helpers--Installation, Maintenance, and Repair Workers	150	160	10	7%	50	60	198
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,050	1,120	70	7%	260	320	198
27-4021	Photographers	310	330	20	6%	60	80	202
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Opera	320	340	20	6%	80	90	203
53-7064	Packers and Packagers, Hand	1,460	1,550	90	6%	270	360	204
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,190	1,260	70	6%	330	410	205
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,020	1,080	60	6%	240	310	205
53-3022	Bus Drivers, School	710	750	40	6%	160	190	207
15-1021	Computer Programmers	180	190	10	6%	40	50	208
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	380	20	6%	230	250	208
39-9041	Residential Advisors	180	190	10	6%	40	50	208
53-7081	Refuse and Recyclable Material Collectors	180	190	10	6%	50	50	208
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,170	2,290	120	6%	410	540	212
41-2031	Retail Salespersons	3,870	4,080	210	5%	1,410	1,620	213
47-2031	Carpenters	620	650	30	5%	100	130	214
51-3011	Bakers	210	220	10	5%	50	60	215
35-9021	Dishwashers	430	450	20	5%	140	170	216
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	220	230	10	5%	50	60	217
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	250	260	10	4%	60	70	218
47-4051	Highway Maintenance Workers	250	260	10	4%	40	50	218
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	270	280	10	4%	80	80	220
43-5061	Production, Planning, and Expediting Clerks	280	290	10	4%	70	80	221
25-2021	Elementary School Teachers, Except Special Education	1,470	1,520	50	3%	330	380	222
41-2011	Cashiers	4,850	5,010	160	3%	2,360	2,520	223
51-5023	Printing Machine Operators	310	320	10	3%	70	80	224
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	360	370	10	3%	100	110	225
53-7063	Machine Feeders and Offbearers	360	370	10	3%	100	110	225
35-3011	Bartenders	440	450	10	2%	170	190	227
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	950	970	20	2%	160	180	228
41-2021	Counter and Rental Clerks	600	610	10	2%	230	230	229
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,050	2,080	30	1%	370	400	230
43-3071	Tellers	730	740	10	1%	360	370	231
37-2012	Maids and Housekeeping Cleaners	820	830	10	1%	170	180	232
43-9061	Office Clerks, General	2,360	2,380	20	1%	520	540	233
11-2011	Advertising and Promotions Managers	50	50	0	0%	10	10	234
11-2031	Public Relations Managers	30	30	0	0%	10	10	234
11-3061	Purchasing Managers	60	60	0	0%	10	20	234
11-9061	Funeral Directors	30	30	0	0%	10	10	234
11-9081	Lodging Managers	40	40	0	0%	10	10	234
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	234
11-9141	Property, Real Estate, and Community Association Managers	50	50	0	0%	10	10	234
11-1031	Legislators	120	120	0	0%	20	20	234
13-1022	Wholesale and Retail Buyers, Except Farm Products	100	100	0	0%	30	30	234
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	70	70	0	0%	20	20	234
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	234
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	234
13-2021	Appraisers and Assessors of Real Estate	190	190	0	0%	40	50	234
13-2031	Budget Analysts	20	20	0	0%	0	10	234
13-2051	Financial Analysts	70	70	0	0%	10	20	234
13-2071	Loan Counselors	30	30	0	0%	0	10	234
17-1012	Landscape Architects	30	30	0	0%	0	10	234
17-1022	Surveyors	30	30	0	0%	10	10	234
17-2051	Civil Engineers	20	20	0	0%	0	0	234
17-2072	Electronics Engineers, Except Computer	20	20	0	0%	10	10	234
17-2131	Materials Engineers	30	30	0	0%	10	10	234
17-2141	Mechanical Engineers	250	250	0	0%	70	70	234
17-3011	Architectural and Civil Drafters	20	20	0	0%	10	10	234
17-3023	Electrical and Electronic Engineering Technicians	60	60	0	0%	10	20	234
17-3026	Industrial Engineering Technicians	60	60	0	0%	10	20	234
19-1022	Microbiologists	20	20	0	0%	10	10	234
19-1031	Conservation Scientists	20	20	0	0%	0	0	234
19-2031	Chemists	50	50	0	0%	20	20	234
19-3022	Survey Researchers	30	30	0	0%	10	10	234
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	234
21-1013	Marriage and Family Therapists	20	20	0	0%	0	10	234
21-1091	Health Educators	20	20	0	0%	0	10	234
21-1092	Probation Officers and Correctional Treatment Specialists	40	40	0	0%	10	10	234
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	234
23-2091	Court Reporters	80	80	0	0%	10	10	234
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	234
25-1066	Psychology Teachers, Postsecondary	20	20	0	0%	0	10	234

25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	234
25-1125	History Teachers, Postsecondary	20	20	0	0%	0	10	234
25-2023	Vocational Education Teachers, Middle School	30	30	0	0%	10	10	234
25-2032	Vocational Education Teachers, Secondary School	120	120	0	0%	30	30	234
25-4021	Librarians	150	150	0	0%	40	40	234
25-9031	Instructional Coordinators	30	30	0	0%	0	10	234
27-1011	Art Directors	40	40	0	0%	10	10	234
27-1021	Commercial and Industrial Designers	80	80	0	0%	10	20	234
27-1025	Interior Designers	40	40	0	0%	10	10	234
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	234
27-3042	Technical Writers	20	20	0	0%	10	10	234
27-4011	Audio and Video Equipment Technicians	30	30	0	0%	10	10	234
29-1020	Dentists	110	110	0	0%	20	20	234
29-1041	Optometrists	30	30	0	0%	10	10	234
29-1061	Anesthesiologists	20	20	0	0%	0	0	234
29-1065	Pediatricians, General	20	20	0	0%	0	10	234
29-1125	Recreational Therapists	70	70	0	0%	20	20	234
29-1131	Veterinarians	30	30	0	0%	10	10	234
29-2056	Veterinary Technologists and Technicians	30	30	0	0%	0	10	234
29-2081	Opticians, Dispensing	110	110	0	0%	20	20	234
29-9010	Occupational Health and Safety Specialists and Technicians	40	40	0	0%	10	10	234
29-9091	Athletic Trainers	20	20	0	0%	0	10	234
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	120	120	0	0%	20	20	234
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	70	0	0%	20	30	234
33-1012	First-Line Supervisors/Managers of Police and Detectives	70	70	0	0%	20	30	234
33-3011	Bailiffs	50	50	0	0%	10	10	234
33-9011	Animal Control Workers	20	20	0	0%	20	20	234
35-2011	Cooks, Fast Food	650	650	0	0%	200	200	234
35-3041	Food Servers, Nonrestaurant	110	110	0	0%	40	40	234
37-2021	Pest Control Workers	40	40	0	0%	10	10	234
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	60	60	0	0%	10	20	234
39-1021	First-Line Supervisors/Managers of Personal Service Workers	240	240	0	0%	60	60	234
39-2021	Nonfarm Animal Caretakers	80	80	0	0%	20	30	234
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	130	0	0%	70	80	234
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	40	40	0	0%	10	10	234
39-4011	Embalmers	30	30	0	0%	10	10	234
39-5094	Skin Care Specialists	50	50	0	0%	10	10	234
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	380	380	0	0%	70	70	234
41-3011	Advertising Sales Agents	120	120	0	0%	20	30	234
41-3041	Travel Agents	60	60	0	0%	10	10	234
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	130	130	0	0%	30	40	234
41-9021	Real Estate Brokers	50	50	0	0%	10	10	234
41-9022	Real Estate Sales Agents	150	150	0	0%	30	30	234
41-9031	Sales Engineers	60	60	0	0%	20	20	234
41-9041	Telemarketers	130	130	0	0%	20	20	234
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	90	90	0	0%	20	20	234
43-3021	Billing and Posting Clerks and Machine Operators	490	490	0	0%	80	80	234
43-3061	Procurement Clerks	50	50	0	0%	10	10	234
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	234
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	234
43-4141	New Accounts Clerks	80	80	0	0%	20	20	234
43-5032	Dispatchers, Except Police, Fire, and Ambulance	100	100	0	0%	20	30	234
43-5041	Meter Readers, Utilities	90	90	0	0%	30	30	234
43-5051	Postal Service Clerks	90	90	0	0%	20	20	234
43-9031	Desktop Publishers	30	30	0	0%	10	10	234
43-9041	Insurance Claims and Policy Processing Clerks	170	170	0	0%	30	30	234
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	234
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	234
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	234
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	20	0	0%	10	10	234
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	234
45-2091	Agricultural Equipment Operators	30	30	0	0%	10	10	234
47-2021	Brickmasons and Blockmasons	100	100	0	0%	20	20	234
47-2121	Glaziers	30	30	0	0%	10	10	234
47-2130	Insulation Workers	80	80	0	0%	20	20	234
47-2152	Plumbers, Pipefitters, and Steamfitters	430	430	0	0%	100	100	234
47-2161	Plasterers and Stucco Masons	20	20	0	0%	0	10	234
47-2211	Sheet Metal Workers	170	170	0	0%	40	40	234
47-2221	Structural Iron and Steel Workers	100	100	0	0%	20	30	234
47-3013	Helpers--Electricians	30	30	0	0%	10	10	234
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	234

47-3016	Helpers--Roofers	30	30	0	0%	10	10	234
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	234
47-5021	Earth Drillers, Except Oil and Gas	30	30	0	0%	10	10	234
47-5081	Helpers--Extraction Workers	30	30	0	0%	10	10	234
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	40	0	0%	0	10	234
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	30	30	0	0%	10	10	234
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	30	0	0%	10	10	234
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	234
49-3041	Farm Equipment Mechanics	80	80	0	0%	20	20	234
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	234
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	234
49-3091	Bicycle Repairers	20	20	0	0%	10	10	234
49-3093	Tire Repairers and Changers	130	130	0	0%	50	50	234
49-9045	Refractory Materials Repairers, Except Brickmasons	20	20	0	0%	0	10	234
49-9062	Medical Equipment Repairers	20	20	0	0%	0	10	234
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	234
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	20	20	0	0%	10	10	234
51-3023	Slaughtering and Meat Packers	20	20	0	0%	0	10	234
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	234
51-4012	Numerical Tool and Process Control Programmers	30	30	0	0%	10	10	234
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	310	310	0	0%	90	90	234
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	190	190	0	0%	30	30	234
51-4192	Lay-Out Workers, Metal and Plastic	20	20	0	0%	0	10	234
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	0	0	234
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	90	90	0	0%	30	30	234
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	80	80	0	0%	20	20	234
51-8021	Stationary Engineers and Boiler Operators	80	80	0	0%	20	20	234
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	70	70	0	0%	20	20	234
51-9022	Grinding and Polishing Workers, Hand	130	130	0	0%	40	40	234
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	234
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	100	100	0	0%	30	30	234
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	270	270	0	0%	70	70	234
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	234
51-9131	Photographic Process Workers	60	60	0	0%	20	20	234
51-9132	Photographic Processing Machine Operators	70	70	0	0%	20	20	234
51-9191	Cementing and Gluing Machine Operators and Tenders	90	90	0	0%	30	30	234
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	20	20	0	0%	10	10	234
51-9194	Etchers and Engravers	30	30	0	0%	10	10	234
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	190	190	0	0%	40	50	234
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	20	20	0	0%	0	0	234
53-3021	Bus Drivers, Transit and Intercity	110	110	0	0%	20	20	234
53-3031	Driver/Sales Workers	510	510	0	0%	80	80	234
53-6021	Parking Lot Attendants	40	40	0	0%	10	10	234
53-6031	Service Station Attendants	160	160	0	0%	70	70	234
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	234
43-6011	Executive Secretaries and Administrative Assistants	1,140	1,130	-10	-1%	220	220	387
53-7051	Industrial Truck and Tractor Operators	980	970	-10	-1%	190	190	388
51-9198	Helpers--Production Workers	810	800	-10	-1%	230	230	389
29-2053	Psychiatric Technicians	730	720	-10	-1%	100	100	390
43-5052	Postal Service Mail Carriers	450	440	-10	-2%	140	140	391
33-9032	Security Guards	400	390	-10	-3%	90	90	392
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,410	1,370	-40	-3%	300	300	393
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,340	1,300	-40	-3%	300	300	394
25-2022	Middle School Teachers, Except Special and Vocational Education	600	580	-20	-3%	130	130	395
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	300	290	-10	-3%	100	100	395
43-5071	Shipping, Receiving, and Traffic Clerks	830	800	-30	-4%	170	170	397
39-5012	Hairdressers, Hairstylists, and Cosmetologists	440	420	-20	-5%	90	90	398
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and	430	410	-20	-5%	80	80	399
43-2011	Switchboard Operators, Including Answering Service	210	200	-10	-5%	50	50	400
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,310	2,200	-110	-5%	430	430	400
51-6031	Sewing Machine Operators	390	370	-20	-5%	50	50	402
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	760	720	-40	-5%	150	150	403
43-4071	File Clerks	180	170	-10	-6%	60	60	404
43-5021	Couriers and Messengers	170	160	-10	-6%	40	40	405
49-9044	Millwrights	170	160	-10	-6%	40	40	405
43-3051	Payroll and Timekeeping Clerks	500	470	-30	-6%	130	130	407
51-5022	Prepress Technicians and Workers	150	140	-10	-7%	40	40	408
51-2031	Engine and Other Machine Assemblers	420	390	-30	-7%	120	120	409
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	280	260	-20	-7%	90	90	409
51-4041	Machinists	790	730	-60	-8%	180	180	411
51-2092	Team Assemblers	2,720	2,500	-220	-8%	700	700	412

17-3013	Mechanical Drafters	120	110	-10	-8%	30	30	413
27-1023	Floral Designers	120	110	-10	-8%	20	20	413
53-7061	Cleaners of Vehicles and Equipment	350	320	-30	-9%	120	120	415
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,200	2,010	-190	-9%	720	720	416
27-3010	Announcers	110	100	-10	-9%	30	30	417
41-2022	Parts Salespersons	220	200	-20	-9%	60	60	417
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	710	640	-70	-10%	170	170	419
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	100	90	-10	-10%	20	20	420
51-4051	Metal-Refining Furnace Operators and Tenders	100	90	-10	-10%	20	20	420
51-4071	Foundry Mold and Coremakers	100	90	-10	-10%	30	30	420
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	100	90	-10	-10%	30	30	420
49-9051	Electrical Power-Line Installers and Repairers	90	80	-10	-11%	30	30	424
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	90	80	-10	-11%	20	20	424
43-6014	Secretaries, Except Legal, Medical, and Executive	1,790	1,590	-200	-11%	340	340	426
51-4111	Tool and Die Makers	690	610	-80	-12%	160	160	427
35-2012	Cooks, Institution and Cafeteria	830	730	-100	-12%	260	260	428
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	160	140	-20	-13%	40	40	429
49-9031	Home Appliance Repairers	80	70	-10	-13%	20	20	429
51-7021	Furniture Finishers	80	70	-10	-13%	20	20	429
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	429
43-5081	Stock Clerks and Order Fillers	1,520	1,310	-210	-14%	560	560	433
43-4061	Eligibility Interviewers, Government Programs	70	60	-10	-14%	20	20	434
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	140	120	-20	-14%	20	20	434
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	70	60	-10	-14%	20	20	434
51-5011	Bindery Workers	70	60	-10	-14%	20	20	434
51-6011	Laundry and Dry-Cleaning Workers	400	330	-70	-18%	110	110	438
43-9021	Data Entry Keyers	170	140	-30	-18%	40	40	439
51-4194	Tool Grinders, Filers, and Sharpeners	220	180	-40	-18%	70	70	440
43-4131	Loan Interviewers and Clerks	160	130	-30	-19%	20	20	441
17-2071	Electrical Engineers	50	40	-10	-20%	10	10	442
51-3021	Butchers and Meat Cutters	150	120	-30	-20%	30	30	442
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	442
43-4151	Order Clerks	290	230	-60	-21%	70	70	445
51-7011	Cabinetmakers and Bench Carpenters	280	220	-60	-21%	70	70	446
51-4052	Pourers and Casters, Metal	90	70	-20	-22%	20	20	447
43-9011	Computer Operators	130	100	-30	-23%	30	30	448
43-4011	Brokerage Clerks	40	30	-10	-25%	10	10	449
51-2021	Coil Winders, Tapers, and Finishers	300	220	-80	-27%	70	70	450
47-2081	Drywall and Ceiling Tile Installers	110	80	-30	-27%	20	20	451
19-4021	Biological Technicians	30	20	-10	-33%	10	10	452
51-6021	Pressers, Textile, Garment, and Related Materials	60	40	-20	-33%	10	10	452
51-2041	Structural Metal Fabricators and Fitters	80	50	-30	-38%	20	20	454
43-9022	Word Processors and Typists	160	90	-70	-44%	40	40	455
13-1021	Purchasing Agents and Buyers, Farm Products	20	10	-10	-50%	10	10	456
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	456
49-2021	Radio Mechanics	20	10	-10	-50%	0	0	456
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	10	-10	-50%	0	0	456
51-6093	Upholsterers	20	10	-10	-50%	0	0	456
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	50	20	-30	-60%	10	10	461

- 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 06**

**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>142,720</b>	<b>151,060</b>	<b>8,340</b>	<b>6%</b>	<b>34,970</b>	<b>46,260</b>	
41-2011	Cashiers	4,850	5,010	160	3%	2,360	2,520	1
41-2031	Retail Salespersons	3,870	4,080	210	5%	1,410	1,620	2
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,750	3,120	370	13%	1,190	1,560	3
35-3031	Waiters and Waitresses	1,960	2,240	280	14%	1,010	1,290	4
29-1111	Registered Nurses	2,690	3,350	660	25%	560	1,220	5
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,610	2,920	310	12%	430	740	6
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,200	2,010	-190	-9%	720	720	7
51-2092	Team Assemblers	2,720	2,500	-220	-8%	700	700	8
35-2021	Food Preparation Workers	1,400	1,520	120	9%	500	610	9
43-5081	Stock Clerks and Order Fillers	1,520	1,310	-210	-14%	560	560	10
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,170	2,290	120	6%	410	540	11
43-9061	Office Clerks, General	2,360	2,380	20	1%	520	540	11
31-1012	Nursing Aides, Orderlies, and Attendants	2,090	2,330	240	11%	270	520	13
49-9042	Maintenance and Repair Workers, General	1,810	1,980	170	9%	350	520	13
31-1011	Home Health Aides	1,220	1,580	360	30%	160	510	15
31-9092	Medical Assistants	650	1,020	370	57%	120	490	16
43-4171	Receptionists and Information Clerks	1,110	1,320	210	19%	270	480	17
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,630	1,760	130	8%	340	480	17
11-1021	General and Operations Managers	1,600	1,760	160	10%	300	460	19
39-9011	Child Care Workers	1,240	1,360	120	10%	340	450	20
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,310	2,200	-110	-5%	430	430	21
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,190	1,260	70	6%	330	410	22
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,050	2,080	30	1%	370	400	23
25-9041	Teacher Assistants	1,320	1,460	140	11%	260	390	24
35-2014	Cooks, Restaurant	840	980	140	17%	260	390	24
25-2021	Elementary School Teachers, Except Special Education	1,470	1,520	50	3%	330	380	26
29-2061	Licensed Practical and Licensed Vocational Nurses	1,320	1,420	100	8%	290	380	26
43-3071	Tellers	730	740	10	1%	360	370	28
53-7064	Packers and Packagers, Hand	1,460	1,550	90	6%	270	360	29
43-6014	Secretaries, Except Legal, Medical, and Executive	1,790	1,590	-200	-11%	340	340	30
25-1191	Graduate Teaching Assistants	710	860	150	21%	160	320	31
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,050	1,120	70	7%	260	320	31
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,020	1,080	60	6%	240	310	33
43-4051	Customer Service Representatives	1,200	1,330	130	11%	180	310	33
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	840	920	80	10%	220	300	35
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,410	1,370	-40	-3%	300	300	35
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,340	1,300	-40	-3%	300	300	35
51-4121	Welders, Cutters, Solderers, and Brazers	790	850	60	8%	220	290	38
21-1093	Social and Human Service Assistants	350	580	230	66%	60	280	39
49-3023	Automotive Service Technicians and Mechanics	820	880	60	7%	220	280	39
33-3051	Police and Sheriff's Patrol Officers	610	720	110	18%	160	270	41
35-2012	Cooks, Institution and Cafeteria	830	730	-100	-12%	260	260	42
43-4121	Library Assistants, Clerical	470	540	70	15%	190	260	42
47-2111	Electricians	860	960	100	12%	170	260	42
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	380	20	6%	230	250	45
51-9111	Packaging and Filling Machine Operators and Tenders	660	770	110	17%	130	240	46
41-2021	Counter and Rental Clerks	600	610	10	2%	230	230	47
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	660	720	60	9%	160	230	47
51-9198	Helpers--Production Workers	810	800	-10	-1%	230	230	47
43-6011	Executive Secretaries and Administrative Assistants	1,140	1,130	-10	-1%	220	220	50
13-2011	Accountants and Auditors	670	750	80	12%	130	210	51
35-2011	Cooks, Fast Food	650	650	0	0%	200	200	52
37-3011	Landscaping and Groundskeeping Workers	690	740	50	7%	150	200	52
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	710	790	80	11%	120	200	52
35-3011	Bartenders	440	450	10	2%	170	190	55

53-3022	Bus Drivers, School	710	750	40	6%	160	190	55
53-7051	Industrial Truck and Tractor Operators	980	970	-10	-1%	190	190	55
37-2012	Maids and Housekeeping Cleaners	820	830	10	1%	170	180	58
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	950	970	20	2%	160	180	58
51-4041	Machinists	790	730	-60	-8%	180	180	58
53-3033	Truck Drivers, Light or Delivery Services	1,000	1,080	80	8%	90	180	58
35-9021	Dishwashers	430	450	20	5%	140	170	62
43-5071	Shipping, Receiving, and Traffic Clerks	830	800	-30	-4%	170	170	62
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	710	640	-70	-10%	170	170	62
29-2071	Medical Records and Health Information Technicians	230	350	120	52%	30	160	65
31-9091	Dental Assistants	280	360	80	29%	80	160	65
51-4111	Tool and Die Makers	690	610	-80	-12%	160	160	65
39-9021	Personal and Home Care Aides	380	460	80	21%	60	150	68
43-6013	Medical Secretaries	460	520	60	13%	90	150	68
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	760	720	-40	-5%	150	150	68
43-5052	Postal Service Mail Carriers	450	440	-10	-2%	140	140	71
47-2061	Construction Laborers	720	770	50	7%	100	140	71
11-1011	Chief Executives	450	490	40	9%	90	130	73
25-2022	Middle School Teachers, Except Special and Vocational Education	600	580	-20	-3%	130	130	73
33-2011	Fire Fighters	300	350	50	17%	90	130	73
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	270	310	40	15%	90	130	73
43-3051	Payroll and Timekeeping Clerks	500	470	-30	-6%	130	130	73
47-2031	Carpenters	620	650	30	5%	100	130	73
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	350	390	40	11%	90	130	73
29-2011	Medical and Clinical Laboratory Technologists	250	300	50	20%	70	120	80
29-2052	Pharmacy Technicians	350	430	80	23%	50	120	80
33-3012	Correctional Officers and Jailers	370	420	50	14%	80	120	80
43-3011	Bill and Account Collectors	300	360	60	20%	60	120	80
51-2031	Engine and Other Machine Assemblers	420	390	-30	-7%	120	120	80
53-7061	Cleaners of Vehicles and Equipment	350	320	-30	-9%	120	120	80
11-9111	Medical and Health Services Managers	230	290	60	26%	50	110	86
35-2015	Cooks, Short Order	300	320	20	7%	90	110	86
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	230	260	30	13%	80	110	86
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	360	370	10	3%	100	110	86
51-6011	Laundry and Dry-Cleaning Workers	400	330	-70	-18%	110	110	86
53-7063	Machine Feeders and Offbearers	360	370	10	3%	100	110	86
17-2112	Industrial Engineers	250	290	40	16%	60	100	92
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	300	340	40	13%	70	100	92
29-1051	Pharmacists	250	300	50	20%	50	100	92
29-2053	Psychiatric Technicians	730	720	-10	-1%	100	100	92
39-9031	Fitness Trainers and Aerobics Instructors	190	240	50	26%	50	100	92
47-2073	Operating Engineers and Other Construction Equipment Operators	290	320	30	10%	70	100	92
47-2152	Plumbers, Pipefitters, and Steamfitters	430	430	0	0%	100	100	92
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	300	290	-10	-3%	100	100	92
11-2022	Sales Managers	210	260	50	24%	40	90	100
11-9051	Food Service Managers	410	440	30	7%	70	90	100
21-1012	Educational, Vocational, and School Counselors	260	300	40	15%	60	90	100
21-1014	Mental Health Counselors	190	230	40	21%	40	90	100
21-1015	Rehabilitation Counselors	120	180	60	50%	30	90	100
25-2012	Kindergarten Teachers, Except Special Education	330	380	50	15%	40	90	100
29-1126	Respiratory Therapists	150	190	40	27%	50	90	100
33-9032	Security Guards	400	390	-10	-3%	90	90	100
39-5012	Hairdressers, Hairstylists, and Cosmetologists	440	420	-20	-5%	90	90	100
41-3021	Insurance Sales Agents	270	300	30	11%	70	90	100
41-9011	Demonstrators and Product Promoters	240	280	40	17%	50	90	100
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	310	310	0	0%	90	90	100
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	280	260	-20	-7%	90	90	100
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	320	340	20	6%	80	90	100
11-3051	Industrial Production Managers	300	330	30	10%	60	80	114
11-9032	Education Administrators, Elementary and Secondary School	240	270	30	13%	60	80	114
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	230	250	20	9%	60	80	114
27-4021	Photographers	310	330	20	6%	60	80	114
29-1062	Family and General Practitioners	240	290	50	21%	30	80	114
29-2041	Emergency Medical Technicians and Paramedics	270	310	40	15%	30	80	114
29-2055	Surgical Technologists	150	210	60	40%	20	80	114
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	130	0	0%	70	80	114
43-3021	Billing and Posting Clerks and Machine Operators	490	490	0	0%	80	80	114
43-4081	Hotel, Motel, and Resort Desk Clerks	130	150	20	15%	60	80	114

43-5061	Production, Planning, and Expediting Clerks	280	290	10	4%	70	80	114
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	270	280	10	4%	80	80	114
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	114
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	430	410	-20	-5%	80	80	114
51-5023	Printing Machine Operators	310	320	10	3%	70	80	114
53-3031	Driver/Sales Workers	510	510	0	0%	80	80	114
13-2072	Loan Officers	240	270	30	13%	40	70	130
15-1031	Computer Software Engineers, Applications	170	220	50	29%	20	70	130
17-2141	Mechanical Engineers	250	250	0	0%	70	70	130
21-1021	Child, Family, and School Social Workers	260	280	20	8%	50	70	130
21-1023	Mental Health and Substance Abuse Social Workers	110	170	60	55%	20	70	130
23-1011	Lawyers	190	230	40	21%	20	70	130
25-4031	Library Technicians	150	160	10	7%	60	70	130
27-2022	Coaches and Scouts	240	260	20	8%	50	70	130
29-2012	Medical and Clinical Laboratory Technicians	170	190	20	12%	50	70	130
29-2034	Radiologic Technologists and Technicians	180	220	40	22%	30	70	130
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	250	260	10	4%	60	70	130
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	380	380	0	0%	70	70	130
43-4151	Order Clerks	290	230	-60	-21%	70	70	130
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	160	180	20	13%	40	70	130
43-6012	Legal Secretaries	170	210	40	24%	30	70	130
47-2181	Roofers	240	260	20	8%	60	70	130
51-2021	Coil Winders, Tapers, and Finishers	300	220	-80	-27%	70	70	130
51-4194	Tool Grinders, Filers, and Sharpeners	220	180	-40	-18%	70	70	130
51-7011	Cabinetmakers and Bench Carpenters	280	220	-60	-21%	70	70	130
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	270	270	0	0%	70	70	130
53-6031	Service Station Attendants	160	160	0	0%	70	70	130
11-3031	Financial Managers	290	310	20	7%	40	60	151
11-9021	Construction Managers	210	240	30	14%	40	60	151
11-9033	Education Administrators, Postsecondary	140	160	20	14%	40	60	151
13-1051	Cost Estimators	160	180	20	13%	40	60	151
15-1051	Computer Systems Analysts	160	200	40	25%	20	60	151
25-2011	Preschool Teachers, Except Special Education	250	270	20	8%	30	60	151
31-9094	Medical Transcriptionists	140	180	40	29%	30	60	151
39-1021	First-Line Supervisors/Managers of Personal Service Workers	240	240	0	0%	60	60	151
41-2022	Parts Salespersons	220	200	-20	-9%	60	60	151
43-4071	File Clerks	180	170	-10	-6%	60	60	151
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	170	190	20	12%	40	60	151
47-3012	Helpers--Carpenters	120	130	10	8%	50	60	151
49-9098	Helpers--Installation, Maintenance, and Repair Workers	150	160	10	7%	50	60	151
51-3011	Bakers	210	220	10	5%	50	60	151
51-8031	Water and Liquid Waste Treatment Plant and System Operators	130	140	10	8%	40	60	151
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	220	230	10	5%	50	60	151
11-3021	Computer and Information Systems Managers	130	160	30	23%	20	50	167
13-1111	Management Analysts	100	130	30	30%	10	50	167
13-2021	Appraisers and Assessors of Real Estate	190	190	0	0%	40	50	167
13-2052	Personal Financial Advisors	120	160	40	33%	20	50	167
15-1021	Computer Programmers	180	190	10	6%	40	50	167
25-1194	Vocational Education Teachers, Postsecondary	110	140	30	27%	30	50	167
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	110	130	20	18%	30	50	167
27-3031	Public Relations Specialists	150	180	30	20%	20	50	167
39-9041	Residential Advisors	180	190	10	6%	40	50	167
43-2011	Switchboard Operators, Including Answering Service	210	200	-10	-5%	50	50	167
43-4111	Interviewers, Except Eligibility and Loan	110	130	20	18%	30	50	167
47-2141	Painters, Construction and Maintenance	200	220	20	10%	30	50	167
47-4051	Highway Maintenance Workers	250	260	10	4%	40	50	167
49-3092	Recreational Vehicle Service Technicians	90	100	10	11%	40	50	167
49-3093	Tire Repairers and Changers	130	130	0	0%	50	50	167
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	130	160	30	23%	20	50	167
51-6031	Sewing Machine Operators	390	370	-20	-5%	50	50	167
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	90	120	30	33%	20	50	167
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	167
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	190	190	0	0%	40	50	167
53-7081	Refuse and Recyclable Material Collectors	180	190	10	6%	50	50	167
11-3040	Human Resources Managers	140	150	10	7%	20	40	188
11-9151	Social and Community Service Managers	80	110	30	38%	20	40	188
13-1073	Training and Development Specialists	100	130	30	30%	20	40	188
15-1041	Computer Support Specialists	170	190	20	12%	20	40	188

15-1071	Network and Computer Systems Administrators	120	140	20	17%	10	40	188
15-1081	Network Systems and Data Communications Analysts	60	90	30	50%	10	40	188
21-1022	Medical and Public Health Social Workers	90	110	20	22%	20	40	188
25-1011	Business Teachers, Postsecondary	70	90	20	29%	20	40	188
25-1022	Mathematical Science Teachers, Postsecondary	80	100	20	25%	20	40	188
25-1121	Art, Drama, and Music Teachers, Postsecondary	70	90	20	29%	20	40	188
25-2043	Special Education Teachers, Secondary School	100	110	10	10%	20	40	188
25-4021	Librarians	150	150	0	0%	40	40	188
29-1122	Occupational Therapists	110	130	20	18%	20	40	188
29-1123	Physical Therapists	150	180	30	20%	20	40	188
29-1127	Speech-Language Pathologists	110	120	10	9%	30	40	188
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	70	80	10	14%	30	40	188
35-1011	Chefs and Head Cooks	80	90	10	13%	30	40	188
35-3041	Food Servers, Nonrestaurant	110	110	0	0%	40	40	188
39-3091	Amusement and Recreation Attendants	100	120	20	20%	30	40	188
39-4021	Funeral Attendants	130	140	10	8%	30	40	188
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	130	130	0	0%	30	40	188
43-5021	Couriers and Messengers	170	160	-10	-6%	40	40	188
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	160	140	-20	-13%	40	40	188
43-9021	Data Entry Keyers	170	140	-30	-18%	40	40	188
43-9022	Word Processors and Typists	160	90	-70	-44%	40	40	188
47-2211	Sheet Metal Workers	170	170	0	0%	40	40	188
49-9043	Maintenance Workers, Machinery	110	130	20	18%	30	40	188
49-9044	Millwrights	170	160	-10	-6%	40	40	188
51-5022	Prepress Technicians and Workers	150	140	-10	-7%	40	40	188
51-9022	Grinding and Polishing Workers, Hand	130	130	0	0%	40	40	188
51-9122	Painters, Transportation Equipment	110	130	20	18%	30	40	188
51-9196	Paper Goods Machine Setters, Operators, and Tenders	130	140	10	8%	30	40	188
53-3041	Taxi Drivers and Chauffeurs	190	210	20	11%	20	40	188
11-2021	Marketing Managers	80	90	10	13%	10	30	221
11-3011	Administrative Services Managers	120	130	10	8%	20	30	221
11-3071	Transportation, Storage, and Distribution Managers	80	90	10	13%	20	30	221
11-9011	Farm, Ranch, and Other Agricultural Managers	100	110	10	10%	20	30	221
11-9041	Engineering Managers	110	120	10	9%	20	30	221
13-1022	Wholesale and Retail Buyers, Except Farm Products	100	100	0	0%	30	30	221
13-1072	Compensation, Benefits, and Job Analysis Specialists	100	110	10	10%	20	30	221
17-3013	Mechanical Drafters	120	110	-10	-8%	30	30	221
17-3031	Surveying and Mapping Technicians	50	60	10	20%	20	30	221
19-3031	Clinical, Counseling, and School Psychologists	60	80	20	33%	10	30	221
25-2032	Vocational Education Teachers, Secondary School	120	120	0	0%	30	30	221
25-2042	Special Education Teachers, Middle School	70	80	10	14%	20	30	221
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	130	140	10	8%	20	30	221
27-1024	Graphic Designers	120	140	20	17%	20	30	221
27-3010	Announcers	110	100	-10	-9%	30	30	221
29-1031	Dietitians and Nutritionists	60	80	20	33%	20	30	221
29-1067	Surgeons	80	90	10	13%	10	30	221
29-2032	Diagnostic Medical Sonographers	60	80	20	33%	10	30	221
29-2091	Orthotists and Prosthetists	50	70	20	40%	10	30	221
31-2021	Physical Therapist Assistants	60	90	30	50%	10	30	221
31-9095	Pharmacy Aides	100	110	10	10%	20	30	221
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	70	0	0%	20	30	221
33-1012	First-Line Supervisors/Managers of Police and Detectives	70	70	0	0%	20	30	221
33-9091	Crossing Guards	70	80	10	14%	20	30	221
39-2021	Nonfarm Animal Caretakers	80	80	0	0%	20	30	221
39-9032	Recreation Workers	100	110	10	10%	20	30	221
41-3011	Advertising Sales Agents	120	120	0	0%	20	30	221
41-9022	Real Estate Sales Agents	150	150	0	0%	30	30	221
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	221
43-5032	Dispatchers, Except Police, Fire, and Ambulance	100	100	0	0%	20	30	221
43-5041	Meter Readers, Utilities	90	90	0	0%	30	30	221
43-9011	Computer Operators	130	100	-30	-23%	30	30	221
43-9041	Insurance Claims and Policy Processing Clerks	170	170	0	0%	30	30	221
47-2071	Paving, Surfacing, and Tamping Equipment Operators	100	120	20	20%	10	30	221
47-2151	Pipelayers	110	120	10	9%	30	30	221
47-2221	Structural Iron and Steel Workers	100	100	0	0%	20	30	221
49-3021	Automotive Body and Related Repairers	140	150	10	7%	30	30	221
49-9051	Electrical Power-Line Installers and Repairers	90	80	-10	-11%	30	30	221
49-9052	Telecommunications Line Installers and Repairers	60	70	10	17%	20	30	221

51-2022	Electrical and Electronic Equipment Assemblers	110	120	10	9%	30	30	221
51-3021	Butchers and Meat Cutters	150	120	-30	-20%	30	30	221
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	190	190	0	0%	30	30	221
51-4071	Foundry Mold and Coremakers	100	90	-10	-10%	30	30	221
51-5021	Job Printers	90	100	10	11%	20	30	221
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	90	90	0	0%	30	30	221
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	100	100	0	0%	30	30	221
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	100	90	-10	-10%	30	30	221
51-9191	Cementing and Gluing Machine Operators and Tenders	90	90	0	0%	30	30	221
11-3061	Purchasing Managers	60	60	0	0%	10	20	269
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	269
11-1031	Legislators	120	120	0	0%	20	20	269
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	70	70	0	0%	20	20	269
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	269
13-2051	Financial Analysts	70	70	0	0%	10	20	269
13-2082	Tax Preparers	40	50	10	25%	10	20	269
17-3023	Electrical and Electronic Engineering Technicians	60	60	0	0%	10	20	269
17-3026	Industrial Engineering Technicians	60	60	0	0%	10	20	269
17-3027	Mechanical Engineering Technicians	40	50	10	25%	10	20	269
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	269
19-2031	Chemists	50	50	0	0%	20	20	269
19-3021	Market Research Analysts	40	50	10	25%	10	20	269
19-4031	Chemical Technicians	60	70	10	17%	20	20	269
25-1021	Computer Science Teachers, Postsecondary	40	50	10	25%	10	20	269
25-1067	Sociology Teachers, Postsecondary	40	50	10	25%	10	20	269
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	20	269
25-1123	English Language and Literature Teachers, Postsecondary	40	50	10	25%	10	20	269
25-3021	Self-Enrichment Education Teachers	70	80	10	14%	10	20	269
27-1021	Commercial and Industrial Designers	80	80	0	0%	10	20	269
27-1023	Floral Designers	120	110	-10	-8%	20	20	269
27-3020	News Analysts, Reporters and Correspondents	50	60	10	20%	10	20	269
29-1020	Dentists	110	110	0	0%	20	20	269
29-1125	Recreational Therapists	70	70	0	0%	20	20	269
29-2021	Dental Hygienists	50	60	10	20%	0	20	269
29-2031	Cardiovascular Technologists and Technicians	40	50	10	25%	10	20	269
29-2054	Respiratory Therapy Technicians	40	60	20	50%	10	20	269
29-2081	Opticians, Dispensing	110	110	0	0%	20	20	269
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	120	120	0	0%	20	20	269
33-3021	Detectives and Criminal Investigators	60	70	10	17%	20	20	269
33-9011	Animal Control Workers	20	20	0	0%	20	20	269
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	20	269
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	60	60	0	0%	10	20	269
41-3031	Securities, Commodities, and Financial Services Sales Agents	100	110	10	10%	10	20	269
41-9031	Sales Engineers	60	60	0	0%	20	20	269
41-9041	Telemarketers	130	130	0	0%	20	20	269
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	90	90	0	0%	20	20	269
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	269
43-4061	Eligibility Interviewers, Government Programs	70	60	-10	-14%	20	20	269
43-4131	Loan Interviewers and Clerks	160	130	-30	-19%	20	20	269
43-4141	New Accounts Clerks	80	80	0	0%	20	20	269
43-5011	Cargo and Freight Agents	60	70	10	17%	10	20	269
43-5051	Postal Service Clerks	90	90	0	0%	20	20	269
45-2093	Farmworkers, Farm and Ranch Animals	30	40	10	33%	10	20	269
47-2021	Brickmasons and Blockmasons	100	100	0	0%	20	20	269
47-2044	Tile and Marble Setters	60	70	10	17%	10	20	269
47-2081	Drywall and Ceiling Tile Installers	110	80	-30	-27%	20	20	269
47-2130	Insulation Workers	80	80	0	0%	20	20	269
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	269
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	100	90	-10	-10%	20	20	269
49-3041	Farm Equipment Mechanics	80	80	0	0%	20	20	269
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	269
49-9031	Home Appliance Repairers	80	70	-10	-13%	20	20	269
51-2041	Structural Metal Fabricators and Fitters	80	50	-30	-38%	20	20	269
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	140	120	-20	-14%	20	20	269
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	70	60	-10	-14%	20	20	269
51-4051	Metal-Refining Furnace Operators and Tenders	100	90	-10	-10%	20	20	269
51-4052	Pourers and Casters, Metal	90	70	-20	-22%	20	20	269
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	90	80	-10	-11%	20	20	269

51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	70	80	10	14%	20	20	269
51-5011	Bindery Workers	70	60	-10	-14%	20	20	269
51-6051	Sewers, Hand	110	120	10	9%	20	20	269
51-7021	Furniture Finishers	80	70	-10	-13%	20	20	269
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	80	80	0	0%	20	20	269
51-8021	Stationary Engineers and Boiler Operators	80	80	0	0%	20	20	269
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	70	70	0	0%	20	20	269
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	80	70	-10	-13%	20	20	269
51-9081	Dental Laboratory Technicians	70	80	10	14%	20	20	269
51-9131	Photographic Process Workers	60	60	0	0%	20	20	269
51-9132	Photographic Processing Machine Operators	70	70	0	0%	20	20	269
53-3021	Bus Drivers, Transit and Intercity	110	110	0	0%	20	20	269
11-2011	Advertising and Promotions Managers	50	50	0	0%	10	10	340
11-2031	Public Relations Managers	30	30	0	0%	10	10	340
11-9061	Funeral Directors	30	30	0	0%	10	10	340
11-9081	Lodging Managers	40	40	0	0%	10	10	340
11-9131	Postmasters and Mail Superintendents	70	70	0	0%	10	10	340
11-9141	Property, Real Estate, and Community Association Managers	50	50	0	0%	10	10	340
13-1021	Purchasing Agents and Buyers, Farm Products	20	10	-10	-50%	10	10	340
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	340
13-2031	Budget Analysts	20	20	0	0%	0	10	340
13-2041	Credit Analysts	50	60	10	20%	10	10	340
13-2071	Loan Counselors	30	30	0	0%	0	10	340
15-1061	Database Administrators	30	40	10	33%	0	10	340
17-1011	Architects, Except Landscape and Naval	30	40	10	33%	0	10	340
17-1012	Landscape Architects	30	30	0	0%	0	10	340
17-1022	Surveyors	30	30	0	0%	10	10	340
17-2071	Electrical Engineers	50	40	-10	-20%	10	10	340
17-2072	Electronics Engineers, Except Computer	20	20	0	0%	10	10	340
17-2131	Materials Engineers	30	30	0	0%	10	10	340
17-3011	Architectural and Civil Drafters	20	20	0	0%	10	10	340
19-1022	Microbiologists	20	20	0	0%	10	10	340
19-2041	Environmental Scientists and Specialists, Including Health	20	30	10	50%	0	10	340
19-3022	Survey Researchers	30	30	0	0%	10	10	340
19-4021	Biological Technicians	30	20	-10	-33%	10	10	340
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	340
21-1013	Marriage and Family Therapists	20	20	0	0%	0	10	340
21-1091	Health Educators	20	20	0	0%	0	10	340
21-1092	Probation Officers and Correctional Treatment Specialists	40	40	0	0%	10	10	340
23-2011	Paralegals and Legal Assistants	40	50	10	25%	0	10	340
23-2091	Court Reporters	80	80	0	0%	10	10	340
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	340
25-1042	Biological Science Teachers, Postsecondary	20	30	10	50%	10	10	340
25-1066	Psychology Teachers, Postsecondary	20	20	0	0%	0	10	340
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	340
25-1081	Education Teachers, Postsecondary	20	30	10	50%	10	10	340
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	340
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	340
25-1125	History Teachers, Postsecondary	20	20	0	0%	0	10	340
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	10	340
25-2023	Vocational Education Teachers, Middle School	30	30	0	0%	10	10	340
25-9031	Instructional Coordinators	30	30	0	0%	0	10	340
27-1011	Art Directors	40	40	0	0%	10	10	340
27-1025	Interior Designers	40	40	0	0%	10	10	340
27-3041	Editors	40	50	10	25%	10	10	340
27-3042	Technical Writers	20	20	0	0%	10	10	340
27-4011	Audio and Video Equipment Technicians	30	30	0	0%	10	10	340
29-1041	Optometrists	30	30	0	0%	10	10	340
29-1065	Pediatricians, General	20	20	0	0%	0	10	340
29-1066	Psychiatrists	40	50	10	25%	10	10	340
29-1071	Physician Assistants	20	30	10	50%	0	10	340
29-1131	Veterinarians	30	30	0	0%	10	10	340
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	340
29-2051	Dietetic Technicians	30	40	10	33%	0	10	340
29-2056	Veterinary Technologists and Technicians	30	30	0	0%	0	10	340
29-9010	Occupational Health and Safety Specialists and Technicians	40	40	0	0%	10	10	340
29-9091	Athletic Trainers	20	20	0	0%	0	10	340
31-2022	Physical Therapist Aides	30	40	10	33%	10	10	340

31-9093	Medical Equipment Preparers	40	50	10	25%	10	10	340
33-3011	Bailiffs	50	50	0	0%	10	10	340
37-2021	Pest Control Workers	40	40	0	0%	10	10	340
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	40	40	0	0%	10	10	340
39-4011	Embalmers	30	30	0	0%	10	10	340
39-5094	Skin Care Specialists	50	50	0	0%	10	10	340
41-3041	Travel Agents	60	60	0	0%	10	10	340
41-9021	Real Estate Brokers	50	50	0	0%	10	10	340
43-3061	Procurement Clerks	50	50	0	0%	10	10	340
43-4011	Brokerage Clerks	40	30	-10	-25%	10	10	340
43-9031	Desktop Publishers	30	30	0	0%	10	10	340
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	340
43-9071	Office Machine Operators, Except Computer	20	20	0	0%	10	10	340
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	20	0	0%	10	10	340
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	340
45-2091	Agricultural Equipment Operators	30	30	0	0%	10	10	340
47-2022	Stonemasons	80	90	10	13%	10	10	340
47-2041	Carpet Installers	20	30	10	50%	0	10	340
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	50	20	-30	-60%	10	10	340
47-2051	Cement Masons and Concrete Finishers	30	40	10	33%	10	10	340
47-2082	Tapers	30	40	10	33%	10	10	340
47-2121	Glaziers	30	30	0	0%	10	10	340
47-2161	Plasterers and Stucco Masons	20	20	0	0%	0	10	340
47-3013	Helpers--Electricians	30	30	0	0%	10	10	340
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	340
47-3016	Helpers--Roofers	30	30	0	0%	10	10	340
47-5021	Earth Drillers, Except Oil and Gas	30	30	0	0%	10	10	340
47-5081	Helpers--Extraction Workers	30	30	0	0%	10	10	340
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	40	0	0%	0	10	340
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	30	30	0	0%	10	10	340
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30	40	10	33%	10	10	340
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	30	0	0%	10	10	340
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	340
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	340
49-3091	Bicycle Repairers	20	20	0	0%	10	10	340
49-9045	Refractory Materials Repairers, Except Brickmasons	20	20	0	0%	0	10	340
49-9062	Medical Equipment Repairers	20	20	0	0%	0	10	340
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	30	40	10	33%	10	10	340
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	340
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	20	20	0	0%	10	10	340
51-3023	Slaughterers and Meat Packers	20	20	0	0%	0	10	340
51-3092	Food Batchmakers	20	30	10	50%	10	10	340
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	340
51-4012	Numerical Tool and Process Control Programmers	30	30	0	0%	10	10	340
51-4192	Lay-Out Workers, Metal and Plastic	20	20	0	0%	0	10	340
51-6021	Pressers, Textile, Garment, and Related Materials	60	40	-20	-33%	10	10	340
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	-10	-20%	10	10	340
51-9123	Painting, Coating, and Decorating Workers	20	20	0	0%	10	10	340
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	20	20	0	0%	10	10	340
51-9194	Etchers and Engravers	30	30	0	0%	10	10	340
53-6021	Parking Lot Attendants	40	40	0	0%	10	10	340
53-7021	Crane and Tower Operators	40	40	0	0%	10	10	340
53-7032	Excavating and Loading Machine and Dragline Operators	30	40	10	33%	10	10	340
17-2051	Civil Engineers	20	20	0	0%	0	0	449
19-1031	Conservation Scientists	20	20	0	0%	0	0	449
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	449
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	449
29-1061	Anesthesiologists	20	20	0	0%	0	0	449
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	449
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	449
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	449
49-2021	Radio Mechanics	20	10	-10	-50%	0	0	449
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	10	-10	-50%	0	0	449
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	0	0	449
51-6093	Upholsterers	20	10	-10	-50%	0	0	449
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	20	20	0	0%	0	0	449

- 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.