

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 11

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

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	218,230	237,700	19,470	9%	53,230	75,340	\$32,042	NA
11-0000	Management Occupations	10,330	11,290	960	9%	1,940	2,920	\$74,249	NA
11-1000	<i>Top Executives</i>	3,280	3,540	260	8%	610	880	NA	NA
11-1011	Chief Executives	610	660	50	8%	110	170	\$115,697	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	2,520	2,740	220	9%	480	690	\$85,586	Work experience plus bachelor's or higher degree
11-1031	Legislators	150	140	-10	-7%	20	20	\$22,075	NA
11-2000	<i>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</i>	670	780	110	16%	120	230	NA	NA
11-2011	Advertising and Promotions Managers	70	90	20	29%	10	30	\$55,273	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	160	180	20	13%	30	50	\$84,212	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	360	420	60	17%	70	130	\$89,058	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	80	90	10	13%	10	30	\$66,358	Work experience plus bachelor's or higher degree
11-3000	<i>Operations Specialties Managers</i>	1,920	2,100	180	9%	340	530	NA	NA
11-3011	Administrative Services Managers	230	260	30	13%	50	70	\$56,820	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	310	380	70	23%	60	130	\$72,830	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	500	540	40	8%	70	110	\$81,828	Work experience plus bachelor's or higher degree
11-3040	<i>Human Resources Managers</i>	230	240	10	4%	40	50	NA	NA
11-3051	Industrial Production Managers	420	440	20	5%	80	110	\$67,611	Bachelor's degree
11-3061	Purchasing Managers	120	110	-10	-8%	30	30	\$67,894	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	120	130	10	8%	20	40	\$76,813	Work experience in a related occupation
11-9000	<i>Other Management Occupations</i>	4,470	4,870	400	9%	870	1,270	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	160	190	30	19%	30	60	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	380	420	40	11%	70	110	\$73,423	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	90	20	29%	20	30	\$36,021	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	270	320	50	19%	70	120	\$72,201	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	60	\$60,959	Work experience plus bachelor's or higher degree
11-9041	Engineering Managers	280	300	20	7%	60	80	\$75,982	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	660	670	10	2%	110	120	\$32,150	Work experience in a related occupation
11-9061	Funeral Directors	80	80	0	0%	20	20	\$120,256	Associate degree
11-9071	Gaming Managers	30	30	0	0%	10	10	NA	Work experience plus bachelor's or higher degree
11-9081	Lodging Managers	50	50	0	0%	10	10	\$42,116	Work experience in a related occupation
11-9111	Medical and Health Services Managers	470	610	140	30%	90	230	\$58,869	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	50	50	0	0%	10	10	\$94,073	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	80	70	-10	-13%	10	10	\$47,948	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	250	260	10	4%	50	60	\$47,823	Bachelor's degree
11-9151	Social and Community Service Managers	150	190	40	27%	30	70	\$39,970	Bachelor's degree
11-9199	Managers, All Other	1,400	1,400	0	0%	270	270	\$68,233	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	6,550	7,340	790	12%	1,210	2,020	\$47,314	NA
13-1000	<i>Business Operations Specialists</i>	3,900	4,460	560	14%	730	1,300	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	80	90	10	13%	30	40	\$56,835	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	300	0	0%	80	80	\$44,371	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	400	420	20	5%	100	120	\$42,933	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	180	190	10	6%	20	40	\$50,286	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	100	110	10	10%	20	30	\$41,617	Long-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
13-1051	Cost Estimators	300	340	40	13%	70	100	\$47,910	Bachelor's degree
13-1061	Emergency Management Specialists	30	30	0	0%	10	10	\$33,110	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	180	200	20	11%	30	50	\$60,621	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	100	20	25%	10	30	\$43,500	Bachelor's degree
13-1073	Training and Development Specialists	340	400	60	18%	50	120	\$41,835	Bachelor's degree
13-1111	Management Analysts	330	410	80	24%	50	120	\$66,620	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	\$42,676	Bachelor's degree
13-1199	Business Operations Specialists, All Other	1,570	1,850	280	18%	270	550	\$44,105	Bachelor's degree
13-2000	<i>Financial Specialists</i>	2,650	2,880	230	9%	480	720	NA	NA
13-2011	Accountants and Auditors	1,600	1,720	120	8%	300	430	\$50,022	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	130	140	10	8%	30	40	\$34,399	Postsecondary vocational training
13-2031	Budget Analysts	20	20	0	0%	0	10	\$50,530	Bachelor's degree
13-2041	Credit Analysts	120	130	10	8%	20	30	\$59,494	Bachelor's degree
13-2051	Financial Analysts	100	110	10	10%	20	30	\$60,109	Bachelor's degree
13-2052	Personal Financial Advisors	120	150	30	25%	20	40	\$57,301	Bachelor's degree
13-2053	Insurance Underwriters	40	40	0	0%	10	10	\$80,500	Bachelor's degree
13-2061	Financial Examiners	20	30	10	50%	10	10	\$54,554	Bachelor's degree
13-2072	Loan Officers	270	310	40	15%	40	90	\$48,813	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	40	10	33%	10	10	\$58,205	Bachelor's degree
13-2082	Tax Preparers	110	100	-10	-9%	20	20	\$31,726	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	80	80	0	0%	10	20	\$53,444	Bachelor's degree
15-0000	Computer and Mathematical Occupations	2,200	2,690	490	22%	310	800	\$50,576	NA
15-1000	<i>Computer Specialists</i>	2,090	2,560	470	22%	280	750	NA	NA
15-1021	Computer Programmers	310	310	0	0%	70	70	\$52,044	Bachelor's degree
15-1031	Computer Software Engineers, Applications	180	230	50	28%	20	60	\$65,800	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	100	130	30	30%	10	40	\$70,684	Bachelor's degree
15-1041	Computer Support Specialists	550	680	130	24%	70	200	\$33,567	Associate degree
15-1051	Computer Systems Analysts	300	360	60	20%	30	100	\$56,732	Bachelor's degree
15-1061	Database Administrators	120	160	40	33%	10	60	\$49,373	Bachelor's degree
15-1071	Network and Computer Systems Administrators	310	390	80	26%	30	120	\$49,073	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	140	190	50	36%	20	70	\$60,959	Bachelor's degree
15-1099	Computer Specialists, All Other	70	90	20	29%	10	30	\$42,669	Postsecondary vocational training
15-2000	<i>Mathematical Scientists</i>	120	130	10	8%	40	60	NA	NA
15-2011	Actuaries	60	70	10	17%	20	30	NA	Work experience plus bachelor's or higher degree
15-2031	Operations Research Analysts	30	30	0	0%	10	10	\$61,498	Master's degree
15-2041	Statisticians	30	30	0	0%	10	10	NA	Master's degree
17-0000	Architecture and Engineering Occupations	3,420	3,600	180	5%	790	1,070	\$49,780	NA
17-1000	<i>Architects, Surveyors, and Cartographers</i>	160	200	40	25%	40	70	NA	NA
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	30	\$63,683	Bachelor's degree
17-1022	Surveyors	80	90	10	13%	30	40	\$32,801	Bachelor's degree
17-2000	<i>Engineers</i>	1,820	1,930	110	6%	400	550	NA	NA
17-2031	Biomedical Engineers	20	20	0	0%	0	0	NA	Bachelor's degree
17-2041	Chemical Engineers	50	50	0	0%	10	20	\$67,778	Bachelor's degree
17-2051	Civil Engineers	210	240	30	14%	30	60	\$57,097	Bachelor's degree
17-2061	Computer Hardware Engineers	130	100	-30	-23%	20	20	NA	Bachelor's degree
17-2071	Electrical Engineers	160	160	0	0%	30	30	\$59,368	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	\$65,983	Bachelor's degree
17-2081	Environmental Engineers	70	90	20	29%	10	40	\$67,820	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspect	60	60	0	0%	20	20	\$60,529	Bachelor's degree
17-2112	Industrial Engineers	470	530	60	13%	110	180	\$56,068	Bachelor's degree
17-2141	Mechanical Engineers	340	340	0	0%	90	100	\$61,345	Bachelor's degree
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	40	40	0	0%	10	10	\$63,406	NA
17-2199	Engineers, All Other	210	240	30	14%	40	60	\$65,837	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	1,430	1,480	50	3%	350	450	NA	NA

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17-3011	Architectural and Civil Drafters	140	150	10	7%	40	50	\$35,850	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	170	180	10	6%	50	60	NA	Postsecondary vocational training
17-3013	Mechanical Drafters	180	190	10	6%	50	60	\$35,569	Postsecondary vocational training
17-3022	Civil Engineering Technicians	40	40	0	0%	10	10	\$31,266	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	250	270	20	8%	50	70	\$47,089	Associate degree
17-3025	Environmental Engineering Technicians	30	40	10	33%	10	10	NA	Associate degree
17-3026	Industrial Engineering Technicians	340	300	-40	-12%	70	70	\$40,919	Associate degree
17-3027	Mechanical Engineering Technicians	120	140	20	17%	30	40	\$45,459	Associate degree
17-3031	Surveying and Mapping Technicians	100	120	20	20%	40	60	\$28,279	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	50	70	20	40%	10	30	NA	NA
19-0000	Life, Physical, and Social Science Occupations	1,240	1,340	100	8%	300	410	\$48,013	NA
19-1000	<i>Life Scientists</i>	150	180	30	20%	30	60	NA	NA
19-1010	Agricultural and Food Scientists	30	30	0	0%	10	10	NA	NA
19-1022	Microbiologists	20	20	0	0%	10	10	NA	Doctoral degree
19-1031	Conservation Scientists	20	30	10	50%	10	10	\$60,339	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	NA	Doctoral degree
19-1099	Life Scientists, All Other	20	20	0	0%	0	10	NA	Bachelor's degree
19-2000	<i>Physical Scientists</i>	290	300	10	3%	80	90	NA	NA
19-2012	Physicists	20	20	0	0%	10	10	NA	Doctoral degree
19-2031	Chemists	140	140	0	0%	50	50	NA	Bachelor's degree
19-2032	Materials Scientists	20	20	0	0%	10	10	NA	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	80	100	20	25%	20	30	\$52,294	Bachelor's degree
19-2099	Physical Scientists, All Other	20	20	0	0%	10	10	NA	Bachelor's degree
19-3000	<i>Social Scientists and Related Workers</i>	330	360	30	9%	90	110	NA	NA
19-3011	Economists	30	30	0	0%	10	10	NA	Bachelor's degree
19-3021	Market Research Analysts	240	240	0	0%	60	70	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	50	60	10	20%	10	20	\$59,116	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	470	510	40	9%	110	150	NA	NA
19-4021	Biological Technicians	130	130	0	0%	20	30	NA	Associate degree
19-4031	Chemical Technicians	180	170	-10	-6%	40	40	NA	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	50	70	20	40%	10	30	\$30,281	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	80	80	0	0%	20	30	\$39,784	Associate degree
21-0000	Community and Social Services Occupations	2,100	2,730	630	30%	400	1,030	\$32,793	NA
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	1,810	2,390	580	32%	350	930	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	80	100	20	25%	20	40	\$31,810	Master's degree
21-1012	Educational, Vocational, and School Counselors	270	310	40	15%	60	100	\$42,324	Master's degree
21-1014	Mental Health Counselors	90	100	10	11%	20	30	\$43,001	Master's degree
21-1015	Rehabilitation Counselors	150	220	70	47%	40	100	\$26,519	Master's degree
21-1021	Child, Family, and School Social Workers	340	370	30	9%	60	90	\$30,494	Bachelor's degree
21-1022	Medical and Public Health Social Workers	200	280	80	40%	30	110	\$34,164	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	70	100	30	43%	10	40	\$37,429	Master's degree
21-1091	Health Educators	40	40	0	0%	10	10	\$30,373	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	NA	Bachelor's degree
21-1093	Social and Human Service Assistants	500	810	310	62%	90	400	\$26,735	Moderate-term on-the-job training
21-2000	<i>Religious Workers</i>	90	100	10	11%	20	20	NA	NA
21-2011	Clergy	60	60	0	0%	10	20	\$27,656	Master's degree
21-2021	Directors, Religious Activities and Education	30	40	10	33%	0	10	NA	Bachelor's degree
21-9000	<i>Miscellaneous Counselors, Social, & Religious Workers</i>	200	240	40	20%	40	80	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	200	240	40	20%	40	80	NA	NA
23-0000	Legal Occupations	900	1,000	100	11%	100	220	\$45,161	NA
23-1000	<i>Lawyers, Judges, and Related Workers</i>	450	510	60	13%	60	120	NA	NA
23-1011	Lawyers	350	410	60	17%	50	110	\$63,793	First professional degree

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23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	30	0	0%	0	10		NA Work experience plus bachelor's or higher degree
23-1022	Arbitrators, Mediators, and Conciliators	20	20	0	0%	0	0		NA Work experience plus bachelor's or higher degree
23-1023	Judges, Magistrate Judges, and Magistrates	50	50	0	0%	10	10	\$54,958	Work experience plus bachelor's or higher degree
23-2000	<i>Legal Support Workers</i>	430	470	40	9%	40	90		NA NA
23-2011	Paralegals and Legal Assistants	160	200	40	25%	10	50	\$30,011	Associate degree
23-2091	Court Reporters	70	80	10	14%	10	10	\$32,093	Postsecondary vocational training
23-2092	Law Clerks	60	70	10	17%	10	10	\$29,624	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	130	130	0	0%	20	20	\$29,457	Moderate-term on-the-job training
23-9000	<i>Miscellaneous Legal & Related Workers</i>	20	30	10	50%	0	10		NA NA
23-9099	Legal and Related Workers, All Other (OES Only)	20	30	10	50%	0	10		NA NA
25-0000	Education, Training, and Library Occupations	9,460	11,620	2,160	23%	2,000	4,160	\$39,657	NA
25-1000	<i>Postsecondary Teachers</i>	1,150	1,620	470	41%	260	720		NA NA
25-1011	Business Teachers, Postsecondary	120	180	60	50%	30	80	\$60,414	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	80	120	40	50%	20	50	\$60,363	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	\$56,544	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	40	60	20	50%	10	30		NA Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	50	60	10	20%	10	30	\$69,951	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	20	20	0	0%	0	10	\$47,823	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	0	10	\$58,291	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	30	40	10	33%	10	20		NA Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	\$58,329	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	40	60	20	50%	10	30	\$50,432	Master's degree
25-1081	Education Teachers, Postsecondary	110	160	50	45%	30	70	\$46,949	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	\$47,224	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	90	130	40	44%	20	60	\$51,710	Doctoral degree
25-1122	Communications Teachers, Postsecondary	30	30	0	0%	10	20		NA Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	60	80	20	33%	10	40	\$45,089	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	30	10	50%	0	10		NA Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	20	\$48,136	Doctoral degree
25-1191	Graduate Teaching Assistants	20	30	10	50%	0	10		NA Bachelor's degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	20	20	0	0%	0	10		NA Master's degree
25-1194	Vocational Education Teachers, Postsecondary	100	140	40	40%	20	70	\$39,147	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	50	70	20	40%	10	30		NA Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	5,060	5,940	880	17%	1,130	2,000		NA NA
25-2011	Preschool Teachers, Except Special Education	450	540	90	20%	50	150	\$19,760	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	230	300	70	30%	30	90	\$43,613	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	2,290	2,650	360	16%	510	860	\$45,907	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	530	580	50	9%	120	170	\$43,097	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	20	20	0	0%	0	10		NA NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,090	1,290	200	18%	310	510	\$45,640	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	90	100	10	11%	20	30	\$48,935	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	210	270	60	29%	50	110		NA Bachelor's degree
25-2042	Special Education Teachers, Middle School	90	110	20	22%	20	50		NA Bachelor's degree
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40		NA Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	1,010	1,420	410	41%	120	530		NA NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10		NA Bachelor's degree
25-3021	Self-Enrichment Education Teachers	520	760	240	46%	60	300		NA Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	480	640	160	33%	60	230		NA NA
25-4000	<i>Librarians, Curators, and Archivists</i>	560	610	50	9%	170	220		NA NA
25-4021	Librarians	270	290	20	7%	60	80	\$40,041	Master's degree
25-4031	Library Technicians	280	310	30	11%	100	130		NA Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	1,680	2,040	360	21%	320	680		NA NA
25-9011	Audio-Visual Collections Specialists	20	20	0	0%	0	10	\$37,412	NA

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25-9031	Instructional Coordinators	60	70	10	17%	10	20	\$57,139	Master's degree
25-9041	Teacher Assistants	1,550	1,890	340	22%	300	640	\$17,877	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	50	60	10	20%	10	20	NA NA	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	2,870	3,240	370	13%	560	950	\$28,957	NA
27-1000	<i>Art and Design Workers</i>	910	930	20	2%	130	170	NA NA	
27-1011	Art Directors	40	40	0	0%	10	10	\$41,299	Work experience plus bachelor's or higher degree
27-1014	Multi-Media Artists and Animators	30	30	0	0%	10	10	NA	Bachelor's degree
27-1021	Commercial and Industrial Designers	100	110	10	10%	10	20	\$46,772	Bachelor's degree
27-1023	Floral Designers	230	210	-20	-9%	30	30	\$17,146	Moderate-term on-the-job training
27-1024	Graphic Designers	290	300	10	3%	40	50	\$33,131	Bachelor's degree
27-1025	Interior Designers	50	50	0	0%	10	10	\$29,654	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	60	70	10	17%	10	10	\$24,585	Moderate-term on-the-job training
27-1027	Set and Exhibit Designers	20	20	0	0%	0	10	NA NA	
27-1099	Art and Design Workers, All Other (OES Only)	90	90	0	0%	20	20	NA NA	
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	690	810	120	17%	160	290	NA NA	
27-2012	Producers and Directors	70	90	20	29%	10	30	\$36,956	Work experience plus bachelor's or higher degree
27-2022	Coaches and Scouts	230	280	50	22%	50	100	\$23,097	Long-term on-the-job training
27-2023	Umpires, Referees, and Other Sports Officials	60	70	10	17%	10	20	\$21,623	Long-term on-the-job training
27-2032	Choreographers	70	80	10	14%	40	50	\$26,277	Work experience in a related occupation
27-2041	Music Directors and Composers	50	60	10	20%	10	20	NA	Work experience plus bachelor's or higher degree
27-2042	Musicians and Singers	180	210	30	17%	40	70	\$0	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	850	990	140	16%	170	310	NA NA	
27-3010	Announcers	250	280	30	12%	60	100	NA NA	
27-3020	News Analysts, Reporters and Correspondents	90	100	10	11%	20	30	NA NA	
27-3031	Public Relations Specialists	290	360	70	24%	40	110	\$37,011	Bachelor's degree
27-3041	Editors	70	80	10	14%	20	20	\$35,604	Bachelor's degree
27-3042	Technical Writers	20	20	0	0%	10	10	NA	Bachelor's degree
27-3043	Writers and Authors	110	120	10	9%	20	30	\$33,689	Bachelor's degree
27-3099	Media and Communication Workers, All Other	20	20	0	0%	0	10	NA	Long-term on-the-job training
27-4000	<i>Media and Communication Equipment Workers</i>	430	510	80	19%	90	170	NA NA	
27-4011	Audio and Video Equipment Technicians	20	20	0	0%	0	10	\$29,101	Long-term on-the-job training
27-4012	Broadcast Technicians	100	140	40	40%	30	70	\$20,232	Postsecondary vocational training
27-4021	Photographers	240	240	0	0%	50	50	\$25,226	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	50	70	20	40%	10	30	\$15,495	Moderate-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	12,290	15,100	2,810	23%	2,330	5,170	\$48,693	NA
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	6,780	8,550	1,770	26%	1,340	3,120	NA NA	
29-1011	Chiropractors	40	50	10	25%	10	20	\$100,711	First professional degree
29-1020	Dentists	70	70	0	0%	10	10	NA NA	
29-1031	Dietitians and Nutritionists	60	70	10	17%	20	30	\$46,933	Bachelor's degree
29-1041	Optometrists	50	60	10	20%	10	30	\$131,821	First professional degree
29-1051	Pharmacists	420	510	90	21%	80	170	\$81,344	First professional degree
29-1061	Anesthesiologists	20	30	10	50%	0	10	NA	First professional degree
29-1062	Family and General Practitioners	210	260	50	24%	30	70	\$156,936	First professional degree
29-1063	Internists, General	40	50	10	25%	10	20	\$159,494	First professional degree
29-1064	Obstetricians and Gynecologists	40	50	10	25%	10	10	NA	First professional degree
29-1065	Pediatricians, General	20	20	0	0%	0	10	NA	First professional degree
29-1066	Psychiatrists	20	20	0	0%	0	10	\$149,979	First professional degree
29-1067	Surgeons	170	210	40	24%	20	60	NA	First professional degree
29-1069	Physicians and Surgeons, All Other	210	250	40	19%	30	60	\$170,676	NA
29-1071	Physician Assistants	100	150	50	50%	20	70	NA	Bachelor's degree
29-1111	Registered Nurses	4,190	5,350	1,160	28%	880	2,030	\$41,885	Associate degree
29-1122	Occupational Therapists	170	230	60	35%	20	80	\$54,758	Bachelor's degree
29-1123	Physical Therapists	290	390	100	34%	30	130	\$57,583	Master's degree
29-1124	Radiation Therapists	40	60	20	50%	10	30	\$76,341	Associate degree
29-1125	Recreational Therapists	70	80	10	14%	20	20	\$27,579	Bachelor's degree

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
29-1126	Respiratory Therapists	190	250	60	32%	60	130	\$39,779	Associate degree
29-1127	Speech-Language Pathologists	90	120	30	33%	20	50	\$51,377	Master's degree
29-1131	Veterinarians	160	170	10	6%	40	50	\$88,666	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	80	100	20	25%	20	40	NA	First professional degree
29-2000	<i>Health Technologists and Technicians</i>	5,250	6,250	1,000	19%	940	1,950	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	230	260	30	13%	60	90	\$42,017	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	340	390	50	15%	90	140	\$29,512	Associate degree
29-2021	Dental Hygienists	270	330	60	22%	20	80	\$49,672	Associate degree
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	NA	Associate degree
29-2032	Diagnostic Medical Sonographers	90	110	20	22%	20	40	\$42,273	Associate degree
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	\$47,820	NA
29-2034	Radiologic Technologists and Technicians	440	570	130	30%	80	210	\$39,996	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	440	540	100	23%	50	160	\$25,327	Postsecondary vocational training
29-2052	Pharmacy Technicians	450	550	100	22%	60	160	\$21,602	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	360	350	-10	-3%	50	50	\$24,430	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	50	70	20	40%	10	30	\$33,964	Postsecondary vocational training
29-2055	Surgical Technologists	210	280	70	33%	30	100	\$33,659	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	140	170	30	21%	20	50	\$22,769	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	1,650	1,830	180	11%	360	540	\$31,963	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	340	500	160	47%	50	210	\$22,076	Associate degree
29-2081	Opticians, Dispensing	180	220	40	22%	30	70	\$21,790	Long-term on-the-job training
29-9000	<i>Other Healthcare Practitioners and Technical Occupations</i>	130	140	10	8%	30	40	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	130	140	10	8%	30	40	NA	NA
29-9100	<i>Other Health Practitioners And Technical Workers</i>	120	150	30	25%	20	50	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	120	150	30	25%	20	50	NA	NA
31-0000	Healthcare Support Occupations	4,730	5,850	1,120	24%	750	1,870	\$22,662	NA
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>	2,890	3,450	560	19%	380	940	NA	NA
31-1011	Home Health Aides	710	930	220	31%	90	310	\$19,325	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	2,150	2,480	330	15%	280	610	\$20,749	Short-term on-the-job training
31-1013	Psychiatric Aides	30	40	10	33%	0	20	NA	Short-term on-the-job training
31-2000	<i>Occupational and Physical Therapist Assistants and Aides</i>	370	520	150	41%	60	210	NA	NA
31-2011	Occupational Therapist Assistants	30	40	10	33%	0	10	\$38,261	Associate degree
31-2021	Physical Therapist Assistants	310	420	110	35%	50	170	\$37,651	Associate degree
31-2022	Physical Therapist Aides	30	50	20	67%	10	30	\$17,996	Short-term on-the-job training
31-9000	<i>Other Healthcare Support Occupations</i>	1,470	1,880	410	28%	310	720	NA	NA
31-9091	Dental Assistants	390	470	80	21%	110	190	\$26,761	Moderate-term on-the-job training
31-9092	Medical Assistants	410	640	230	56%	80	300	\$23,126	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	\$22,796	Short-term on-the-job training
31-9094	Medical Transcriptionists	230	280	50	22%	40	90	\$24,536	Postsecondary vocational training
31-9095	Pharmacy Aides	160	180	20	13%	30	50	\$19,594	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	140	150	10	7%	30	30	\$18,778	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	90	110	20	22%	20	30	\$21,978	Short-term on-the-job training
33-0000	Protective Service Occupations	3,280	3,720	440	13%	900	1,350	\$28,229	NA
33-1000	<i>First-Line Supervisors/Managers, Protective Service Workers</i>	270	290	20	7%	80	110	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	80	10	14%	20	30	\$33,844	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	50	\$50,829	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	20	20	0	0%	10	10	\$42,253	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	60	60	0	0%	20	20	\$35,787	Work experience in a related occupation
33-2000	<i>Fire Fighting and Prevention Workers</i>	530	610	80	15%	160	230	NA	NA
33-2011	Fire Fighters	500	570	70	14%	140	220	NA	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	20	30	10	50%	10	10	NA	Work experience in a related occupation

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement ³
		Employment	Projection	Growth	Change	Replacements ¹	Openings	Annual Wage ²	
33-3000	Law Enforcement Workers	1,250	1,420	170	14%	300	480	NA NA	
33-3011	Bailliffs	60	60	0	0%	10	20	\$25,521 NA	
33-3012	Correctional Officers and Jailers	380	410	30	8%	80	110	\$27,587 Moderate-term on-the-job training	
33-3021	Detectives and Criminal Investigators	110	130	20	18%	30	50	\$48,715 Work experience in a related occupation	
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	NA Long-term on-the-job training	
33-3051	Police and Sheriff's Patrol Officers	670	790	120	18%	170	290	\$32,291 Long-term on-the-job training	
33-9000	Other Protective Service Workers	1,220	1,400	180	15%	360	530	NA NA	
33-9011	Animal Control Workers	20	20	0	0%	10	10	\$20,622 Moderate-term on-the-job training	
33-9031	Gaming Surveillance Officers and Gaming Investigators	20	20	0	0%	0	10	NA Moderate-term on-the-job training	
33-9032	Security Guards	940	1,040	100	11%	210	300	\$21,890 Short-term on-the-job training	
33-9091	Crossing Guards	70	70	0	0%	20	30	\$12,814 NA	
33-9099	Protective Service Workers, All Other	170	240	70	41%	120	190	\$26,153 Short-term on-the-job training	
35-0000	Food Preparation and Serving Related Occupations	18,100	19,710	1,610	9%	7,090	8,800	\$15,944 NA	
35-1000	Supervisors, Food Preparation and Serving Workers	1,490	1,580	90	6%	360	460	NA NA	
35-1011	Chefs and Head Cooks	120	140	20	17%	40	50	\$25,483 Postsecondary vocational training	
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,360	1,450	90	7%	320	410	\$24,964 Work experience in a related occupation	
35-2000	Cooks and Food Preparation Workers	5,560	5,800	240	4%	1,780	2,140	NA NA	
35-2011	Cooks, Fast Food	1,530	1,460	-70	-5%	470	470	\$14,542 Short-term on-the-job training	
35-2012	Cooks, Institution and Cafeteria	900	860	-40	-4%	280	280	\$18,910 Long-term on-the-job training	
35-2014	Cooks, Restaurant	1,370	1,570	200	15%	430	620	\$19,024 Long-term on-the-job training	
35-2015	Cooks, Short Order	340	350	10	3%	100	120	\$14,058 Short-term on-the-job training	
35-2021	Food Preparation Workers	1,410	1,560	150	11%	500	650	\$15,893 Short-term on-the-job training	
35-3000	Food and Beverage Serving Workers	9,230	10,290	1,060	11%	4,340	5,410	NA NA	
35-3011	Bartenders	1,040	1,070	30	3%	410	440	\$15,629 Short-term on-the-job training	
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,340	4,880	540	12%	1,880	2,420	\$14,175 Short-term on-the-job training	
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	670	740	70	10%	440	510	\$14,416 Short-term on-the-job training	
35-3031	Waiters and Waitresses	3,030	3,460	430	14%	1,560	1,980	\$13,886 Short-term on-the-job training	
35-3041	Food Servers, Nonrestaurant	140	150	10	7%	50	60	\$15,544 Short-term on-the-job training	
35-9000	Other Food Preparation and Serving Related Workers	1,840	2,030	190	10%	610	800	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	570	640	70	12%	190	260	\$13,006 Short-term on-the-job training	
35-9021	Dishwashers	610	640	30	5%	210	240	\$14,980 Short-term on-the-job training	
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	610	700	90	15%	200	290	\$16,234 Short-term on-the-job training	
35-9099	Food Preparation and Serving Related Workers, All Other	50	50	0	0%	20	20	NA Short-term on-the-job training	
37-0000	Building and Grounds Cleaning and Maintenance Occupations	6,900	7,540	640	9%	1,370	2,020	\$20,666 NA	
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	600	660	60	10%	120	180	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	450	490	40	9%	110	150	\$29,333 Work experience in a related occupation	
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds Maintenance Workers	150	170	20	13%	10	30	\$32,384 Work experience in a related occupation	
37-2000	Building Cleaning and Pest Control Workers	5,030	5,490	460	9%	980	1,440	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,560	3,930	370	10%	680	1,040	\$20,506 Short-term on-the-job training	
37-2012	Maids and Housekeeping Cleaners	1,360	1,450	90	7%	290	370	\$16,070 Short-term on-the-job training	
37-2021	Pest Control Workers	110	110	0	0%	20	20	\$28,613 Moderate-term on-the-job training	
37-3000	Grounds Maintenance Workers	1,270	1,400	130	10%	270	410	NA NA	
37-3011	Landscaping and Groundskeeping Workers	1,070	1,190	120	11%	230	360	\$20,035 Short-term on-the-job training	
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	70	70	0	0%	20	20	NA Moderate-term on-the-job training	
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	NA Short-term on-the-job training	
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES)	100	100	0	0%	20	30	NA NA	
39-0000	Personal Care and Service Occupations	4,320	4,970	650	15%	1,060	1,780	\$19,322 NA	
39-1000	Supervisors, Personal Care and Service Workers	390	450	60	15%	90	150	NA NA	
39-1011	Gaming Supervisors	80	110	30	38%	20	40	NA Postsecondary vocational training	
39-1012	Slot Key Persons	80	110	30	38%	20	40	NA Postsecondary vocational training	

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	240	20	9%	60	70	\$26,968	Work experience in a related occupation
39-2000	<i>Animal Care and Service Workers</i>	130	150	20	15%	30	50	NA	NA
39-2021	Nonfarm Animal Caretakers	130	150	20	15%	30	50	\$18,997	Short-term on-the-job training
39-3000	<i>Entertainment Attendants and Related Workers</i>	580	720	140	24%	220	360	NA	NA
39-3011	Gaming Dealers	190	270	80	42%	60	130	NA	Postsecondary vocational training
39-3021	Motion Picture Projectionists	20	20	0	0%	10	10	\$15,664	NA
39-3031	Ushers, Lobby Attendants, and Ticket Takers	140	150	10	7%	80	90	\$13,739	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	130	170	40	31%	40	80	\$13,978	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	60	70	10	17%	20	30	NA	NA
39-4000	<i>Funeral Service Workers</i>	60	70	10	17%	10	20	NA	NA
39-4021	Funeral Attendants	60	70	10	17%	10	20	NA	Short-term on-the-job training
39-5000	<i>Personal Appearance Workers</i>	730	680	-50	-7%	150	150	NA	NA
39-5011	Barbers	110	100	-10	-9%	30	30	NA	Postsecondary vocational training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	570	530	-40	-7%	110	110	\$21,929	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	0	\$24,003	Postsecondary vocational training
39-5094	Skin Care Specialists	20	20	0	0%	0	0	\$17,417	Postsecondary vocational training
39-6000	<i>Transportation, Tourism, and Lodging Attendants</i>	60	70	10	17%	20	30	NA	NA
39-6011	Baggage Porters and Bellhops	50	60	10	20%	10	20	\$19,491	Short-term on-the-job training
39-9000	<i>Other Personal Care and Service Workers</i>	2,370	2,840	470	20%	550	1,020	NA	NA
39-9011	Child Care Workers	1,120	1,230	110	10%	310	420	\$15,638	Short-term on-the-job training
39-9021	Personal and Home Care Aides	620	830	210	34%	100	310	\$17,532	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	240	350	110	46%	60	170	\$28,249	Postsecondary vocational training
39-9032	Recreation Workers	260	280	20	8%	60	80	\$19,874	Bachelor's degree
39-9041	Residential Advisors	50	50	0	0%	10	20	NA	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	90	100	10	11%	20	30	NA	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	21,300	22,610	1,310	6%	7,080	8,480	\$27,742	NA
41-1000	<i>Supervisors, Sales Workers</i>	3,440	3,510	70	2%	630	700	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,660	2,720	60	2%	480	540	\$33,287	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	780	790	10	1%	150	160	\$68,153	Work experience in a related occupation
41-2000	<i>Retail Sales Workers</i>	12,670	13,460	790	6%	5,240	6,080	NA	NA
41-2011	Cashiers	5,430	5,770	340	6%	2,640	2,980	\$14,977	Short-term on-the-job training
41-2021	Counter and Rental Clerks	700	800	100	14%	270	370	\$19,024	Short-term on-the-job training
41-2022	Parts Salespersons	600	550	-50	-8%	170	170	\$24,139	Moderate-term on-the-job training
41-2031	Retail Salespersons	5,950	6,340	390	7%	2,160	2,550	\$21,553	Short-term on-the-job training
41-3000	<i>Sales Representatives, Services</i>	1,390	1,520	130	9%	290	430	NA	NA
41-3011	Advertising Sales Agents	330	400	70	21%	60	140	\$45,128	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	750	790	40	5%	180	210	\$59,897	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	240	270	30	13%	30	60	\$82,853	Bachelor's degree
41-3041	Travel Agents	70	60	-10	-14%	20	20	\$24,681	Postsecondary vocational training
41-4000	<i>Sales Representatives, Wholesale and Manufacturing</i>	2,650	2,920	270	10%	700	970	NA	NA
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	390	420	30	8%	100	130	\$58,782	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	2,260	2,500	240	11%	590	840	\$44,270	Moderate-term on-the-job training
41-9000	<i>Other Sales and Related Workers</i>	1,150	1,200	50	4%	230	310	NA	NA
41-9011	Demonstrators and Product Promoters	80	90	10	13%	20	30	NA	Moderate-term on-the-job training
41-9012	Models	20	20	0	0%	0	10	NA	NA
41-9021	Real Estate Brokers	40	40	0	0%	10	10	NA	Work experience in a related occupation
41-9022	Real Estate Sales Agents	220	220	0	0%	40	40	\$31,856	Postsecondary vocational training
41-9031	Sales Engineers	80	90	10	13%	20	30	\$63,059	Bachelor's degree
41-9041	Telemarketers	200	190	-10	-5%	30	30	\$21,046	Short-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
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41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wor	50	40	-10	-20%	10	10	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	460	520	60	13%	90	150	\$37,057	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	32,280	32,650	370	1%	7,450	8,970	\$25,092	NA
43-1000	Supervisors, Office and Administrative Support Workers	2,200	2,240	40	2%	470	520	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wor	2,200	2,240	40	2%	470	520	\$38,173	Work experience in a related occupation
43-2000	Communications Equipment Operators	370	350	-20	-5%	100	100	NA	NA
43-2011	Switchboard Operators, Including Answering Service	360	340	-20	-6%	90	90	\$20,004	Short-term on-the-job training
43-3000	Financial Clerks	6,090	6,170	80	1%	1,460	1,640	NA	NA
43-3011	Bill and Account Collectors	430	500	70	16%	80	160	\$24,133	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	1,070	1,120	50	5%	180	230	\$24,626	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,030	2,970	-60	-2%	570	570	\$24,948	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	80	110	30	38%	40	60	NA	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	400	400	0	0%	110	110	\$27,816	Short-term on-the-job training
43-3061	Procurement Clerks	190	170	-20	-11%	50	50	\$28,359	Short-term on-the-job training
43-3071	Tellers	880	910	30	3%	430	460	\$19,231	Short-term on-the-job training
43-4000	Information and Record Clerks	6,690	7,360	670	10%	1,400	2,240	NA	NA
43-4011	Brokerage Clerks	50	40	-10	-20%	10	10	\$29,279	Moderate-term on-the-job training
43-4021	Correspondence Clerks	30	30	0	0%	10	10	\$29,504	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	170	180	10	6%	40	50	NA	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	80	60	-20	-25%	10	10	\$30,968	Short-term on-the-job training
43-4051	Customer Service Representatives	2,290	2,550	260	11%	340	600	\$28,492	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	40	30	-10	-25%	10	10	\$25,859	Moderate-term on-the-job training
43-4071	File Clerks	280	260	-20	-7%	80	80	\$19,349	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	180	210	30	17%	80	110	\$18,477	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	130	160	30	23%	30	70	\$22,154	Short-term on-the-job training
43-4121	Library Assistants, Clerical	170	190	20	12%	70	90	\$15,422	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	340	300	-40	-12%	50	50	\$28,208	Short-term on-the-job training
43-4141	New Accounts Clerks	80	80	0	0%	20	20	\$24,626	Work experience in a related occupation
43-4151	Order Clerks	560	480	-80	-14%	130	130	\$23,934	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	220	240	20	9%	50	70	\$29,554	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	1,600	1,940	340	21%	390	730	\$19,401	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	70	90	20	29%	20	40	NA	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	430	530	100	23%	70	160	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	6,050	5,760	-290	-5%	1,770	1,890	NA	NA
43-5011	Cargo and Freight Agents	40	40	0	0%	10	10	\$34,921	Moderate-term on-the-job training
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	\$21,951	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	210	230	20	10%	50	60	\$24,664	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	350	380	30	9%	70	100	\$27,473	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	60	50	-10	-17%	20	20	\$27,468	NA
43-5051	Postal Service Clerks	120	120	0	0%	30	30	\$41,781	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	550	540	-10	-2%	170	170	\$42,664	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operato	210	190	-20	-10%	60	60	\$33,817	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	540	570	30	6%	130	160	\$36,520	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	1,170	1,100	-70	-6%	240	240	\$24,971	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	2,400	2,130	-270	-11%	890	890	\$19,367	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	270	310	40	15%	70	110	\$24,337	Short-term on-the-job training
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, All	40	30	-10	-25%	10	10	NA	NA
43-6000	Secretaries and Administrative Assistants	4,970	4,890	-80	-2%	950	1,060	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	1,740	1,760	20	1%	330	350	\$30,599	Moderate-term on-the-job training
43-6012	Legal Secretaries	340	390	50	15%	60	120	\$26,676	Postsecondary vocational training
43-6013	Medical Secretaries	470	500	30	6%	90	130	\$23,401	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	2,430	2,240	-190	-8%	470	470	\$23,791	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	5,900	5,880	-20	0%	1,300	1,540	NA	NA
43-9011	Computer Operators	260	190	-70	-27%	60	60	\$28,274	Moderate-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement ³
		Employment	Projection	Growth	Change	Replacements ¹	Openings	Annual Wage ²	
43-9021	Data Entry Keyers	380	340	-40	-11%	90	90	\$21,252	Moderate-term on-the-job training
43-9022	Word Processors and Typists	240	140	-100	-42%	50	50	NA	Moderate-term on-the-job training
43-9031	Desktop Publishers	20	20	0	0%	0	10	\$27,753	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	210	200	-10	-5%	30	30	NA	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	70	60	-10	-14%	20	20	\$21,879	Short-term on-the-job training
43-9061	Office Clerks, General	4,490	4,720	230	5%	1,000	1,230	\$19,138	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	80	80	0	0%	20	20	\$21,038	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	30	30	0	0%	10	10	NA	Short-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	110	100	-10	-9%	20	20	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	900	1,140	240	27%	240	490	\$21,853	NA
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	30	50	20	67%	10	20	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worker	30	50	20	67%	10	20	\$48,720	Work experience in a related occupation
45-2000	Agricultural Workers	730	840	110	15%	210	310	NA	NA
45-2041	Graders and Sorters, Agricultural Products	40	50	10	25%	10	20	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	90	110	20	22%	30	40	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	460	530	70	15%	130	200	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	130	140	10	8%	40	50	NA	Moderate-term on-the-job training
45-4000	Forest, Conservation, and Logging Workers	70	200	130	186%	10	140	NA	NA
45-4021	Fallers	20	80	60	300%	0	60	NA	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	40	90	50	125%	10	60	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	60	60	0	0%	10	20	NA	NA
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	60	60	0	0%	10	20	NA	NA
47-0000	Construction and Extraction Occupations	13,620	14,750	1,130	8%	2,840	4,010	\$38,912	NA
47-1000	Supervisors, Construction and Extraction Workers	1,130	1,230	100	9%	190	290	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	1,130	1,230	100	9%	190	290	\$54,062	Work experience in a related occupation
47-2000	Construction Trades Workers	10,980	11,970	990	9%	2,210	3,200	NA	NA
47-2011	Boilermakers	250	240	-10	-4%	90	90	NA	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	250	270	20	8%	40	60	\$45,846	Long-term on-the-job training
47-2022	Stonemasons	110	130	20	18%	20	30	NA	Long-term on-the-job training
47-2031	Carpenters	1,300	1,360	60	5%	210	270	\$31,707	Long-term on-the-job training
47-2041	Carpet Installers	170	190	20	12%	30	50	\$28,417	Moderate-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	300	360	60	20%	60	120	\$34,291	Long-term on-the-job training
47-2061	Construction Laborers	1,430	1,560	130	9%	190	320	\$30,936	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	110	120	10	9%	20	30	\$36,817	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	970	1,030	60	6%	250	320	\$42,805	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	70	90	20	29%	20	30	\$42,139	Moderate-term on-the-job training
47-2082	Tapers	20	20	0	0%	0	10	\$44,333	Moderate-term on-the-job training
47-2111	Electricians	1,410	1,670	260	18%	280	540	\$49,275	Long-term on-the-job training
47-2121	Glaziers	150	160	10	7%	30	40	NA	Long-term on-the-job training
47-2130	Insulation Workers	200	220	20	10%	60	80	NA	NA
47-2141	Painters, Construction and Maintenance	700	730	30	4%	110	130	\$31,427	Moderate-term on-the-job training
47-2151	Pipelayers	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	1,540	1,660	120	8%	360	470	\$49,321	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	50	50	0	0%	10	10	NA	Long-term on-the-job training
47-2181	Roofers	1,000	1,070	70	7%	230	300	NA	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	670	730	60	9%	160	220	\$41,406	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	220	250	30	14%	40	70	\$48,851	Long-term on-the-job training
47-3000	Helpers, Construction Trades	630	660	30	5%	260	290	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	180	180	0	0%	80	80	\$26,312	Short-term on-the-job training
47-3012	Helpers--Carpenters	170	190	20	12%	70	90	\$23,814	Short-term on-the-job training
47-3013	Helpers--Electricians	100	100	0	0%	40	40	\$21,516	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	110	110	0	0%	50	50	NA	Short-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
47-3019	Helpers, Construction Trades, All Other	40	40	0	0%	20	20	\$17,611	Short-term on-the-job training
47-4000	<i>Other Construction and Related Workers</i>	400	430	30	8%	70	90	NA NA	
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	\$37,793	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	40	40	0	0%	10	10	NA	Long-term on-the-job training
47-4051	Highway Maintenance Workers	260	260	0	0%	40	40	\$21,384	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	40	10	33%	10	10	\$31,611	Moderate-term on-the-job training
47-4900	<i>All Other Construction Trades and Related Workers</i>	230	240	10	4%	40	50	NA NA	
47-4999	Construction Trades and Related Workers, All Other (OES Only)	230	240	10	4%	40	50	NA NA	
47-5000	<i>Extraction Workers</i>	250	230	-20	-8%	70	80	NA NA	
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	80	90	10	13%	30	40	\$39,519	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	40	30	-10	-25%	10	10	NA NA	
47-5061	Roof Bolters, Mining	30	30	0	0%	10	10	NA NA	
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	\$33,668	Short-term on-the-job training
47-5099	Extraction Workers, All Other	50	40	-10	-20%	10	10	NA NA	
49-0000	Installation, Maintenance, and Repair Occupations	11,390	12,180	790	7%	2,610	3,520	\$36,779	NA
49-1000	<i>Supervisors of Installation, Maintenance, and Repair Workers</i>	1,140	1,220	80	7%	290	370	NA NA	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,140	1,220	80	7%	290	370	\$50,314	Work experience in a related occupation
49-2000	<i>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</i>	900	920	20	2%	170	220	NA NA	
49-2011	Computer, Automated Teller, and Office Machine Repairers	250	260	10	4%	30	40	\$31,081	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	80	60	-20	-25%	20	20	\$47,539	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	100	120	20	20%	20	40	NA	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	90	100	10	11%	20	30	\$35,021	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	100	90	-10	-10%	20	20	\$53,797	Postsecondary vocational training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	50	50	0	0%	10	20	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	90	90	0	0%	20	20	\$25,371	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	40	40	0	0%	10	10	\$35,847	Postsecondary vocational training
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers, ,	90	90	0	0%	20	30	NA NA	
49-3000	<i>Vehicle and Mobile Equipment Mechanics, Installers</i>	3,360	3,580	220	7%	870	1,110	NA NA	
49-3011	Aircraft Mechanics and Service Technicians	30	40	10	33%	10	10	\$38,443	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	330	350	20	6%	70	90	\$32,263	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	20	20	0	0%	0	0	NA	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	1,440	1,560	120	8%	380	500	\$31,290	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	480	530	50	10%	120	170	\$32,392	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	240	260	20	8%	50	70	\$33,746	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	330	330	0	0%	70	70	\$36,611	Postsecondary vocational training
49-3051	Motorboat Mechanics	30	30	0	0%	10	10	\$35,217	Long-term on-the-job training
49-3052	Motorcycle Mechanics	30	40	10	33%	10	20	\$33,604	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	70	60	-10	-14%	20	20	\$23,949	Moderate-term on-the-job training
49-3093	Tire Repairers and Changers	230	230	0	0%	100	100	\$20,628	Short-term on-the-job training
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Ot	110	110	0	0%	30	30	NA NA	
49-9000	<i>Other Installation, Maintenance, and Repair Occupations</i>	6,010	6,460	450	7%	1,280	1,830	NA NA	
49-9011	Mechanical Door Repairers	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	320	260	-60	-19%	80	80	\$43,662	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	160	200	40	25%	20	50	\$37,650	Long-term on-the-job training
49-9031	Home Appliance Repairers	120	120	0	0%	30	30	\$25,353	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	550	670	120	22%	110	230	\$41,355	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	3,170	3,460	290	9%	610	900	\$33,837	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	150	170	20	13%	40	50	\$36,401	Long-term on-the-job training
49-9044	Millwrights	50	60	10	20%	10	20	NA	Long-term on-the-job training
49-9045	Refractory Materials Repairers, Except Brickmasons	400	370	-30	-8%	80	80	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	210	200	-10	-5%	70	70	\$51,536	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	90	110	20	22%	20	40	\$43,378	Long-term on-the-job training
49-9062	Medical Equipment Repairers	20	20	0	0%	0	0	\$35,622	Moderate-term on-the-job training
49-9063	Musical Instrument Repairers and Tuners	30	30	0	0%	10	10	NA	Long-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	20	\$26,764	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	\$21,822	Moderate-term on-the-job training
49-9096	Riggers	20	20	0	0%	0	0	NA	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	280	310	30	11%	100	120	\$24,204	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	290	330	40	14%	70	110	\$37,867	Long-term on-the-job training
51-0000	Production Occupations	31,740	32,860	1,120	4%	7,800	9,750	\$29,126	NA
51-1000	Supervisors, Production Workers	2,110	2,280	170	8%	440	620	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2,110	2,280	170	8%	440	620	\$45,575	Work experience in a related occupation
51-2000	Assemblers and Fabricators	5,980	6,130	150	3%	1,520	1,860	NA	NA
51-2021	Coil Winders, Tapers, and Finishers	60	40	-20	-33%	10	10	NA	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	630	500	-130	-21%	150	150	\$24,533	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	30	20	-10	-33%	10	10	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	30	30	0	0%	10	10	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	300	300	0	0%	70	70	\$29,321	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
51-2092	Team Assemblers	4,300	4,630	330	8%	1,110	1,440	\$26,293	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	590	580	-10	-2%	150	150	NA	Moderate-term on-the-job training
51-3000	Food Processing Workers	1,000	1,080	80	8%	230	320	NA	NA
51-3011	Bakers	340	360	20	6%	80	100	\$19,510	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	170	150	-20	-12%	40	40	\$24,961	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	200	210	10	5%	40	60	NA	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	70	80	10	14%	20	20	NA	Moderate-term on-the-job training
51-3092	Food Batchmakers	120	160	40	33%	30	70	NA	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	100	100	0	0%	20	30	NA	Short-term on-the-job training
51-4000	Metal Workers and Plastic Workers	6,500	6,830	330	5%	1,630	2,070	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	340	370	30	9%	60	80	\$29,707	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	90	90	0	0%	20	20	NA	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	500	520	20	4%	170	190	\$30,321	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	60	40	-20	-33%	10	10	NA	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0%	20	20	NA	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	470	540	70	15%	110	170	\$25,234	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	620	590	-30	-5%	180	180	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	260	280	20	8%	50	70	NA	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	130	130	0	0%	30	30	\$34,171	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30	20	-10	-33%	0	0	NA	Moderate-term on-the-job training
51-4041	Machinists	610	650	40	7%	140	180	\$33,680	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	100	100	0	0%	20	30	NA	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	60	60	0	0%	10	20	NA	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	20	30	10	50%	10	10	NA	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	240	240	0	0%	60	60	\$35,455	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	770	840	70	9%	190	250	\$29,503	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	420	450	30	7%	120	150	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	350	320	-30	-9%	80	80	\$36,346	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	700	750	50	7%	200	250	\$31,061	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	180	150	-30	-17%	50	50	NA	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	50	40	-10	-20%	20	20	NA	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	20	30	10	50%	0	10	\$30,552	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	0	0%	10	10	\$22,645	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	310	410	100	32%	70	180	NA	Moderate-term on-the-job training
51-5000	Printing Workers	530	480	-50	-9%	130	130	NA	NA
51-5011	Bindery Workers	60	40	-20	-33%	20	20	\$20,353	Moderate-term on-the-job training
51-5021	Job Printers	130	120	-10	-8%	30	30	\$25,144	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	70	60	-10	-14%	20	20	\$31,995	Long-term on-the-job training
51-5023	Printing Machine Operators	270	260	-10	-4%	60	60	\$34,148	Moderate-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
51-6000	<i>Textile, Apparel, and Furnishings Workers</i>	1,380	1,460	80	6%	300	410	NA NA	
51-6011	Laundry and Dry-Cleaning Workers	480	500	20	4%	130	150	\$16,593	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	110	110	0	0%	20	20	\$18,164	Short-term on-the-job training
51-6031	Sewing Machine Operators	190	240	50	26%	20	80	\$20,178	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	10	10	\$22,256	Work experience in a related occupation
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	NA	Long-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthet	330	370	40	12%	60	100	NA	Moderate-term on-the-job training
51-6093	Upholsterers	180	140	-40	-22%	50	50	\$27,746	Long-term on-the-job training
51-7000	<i>Woodworkers</i>	2,690	2,540	-150	-6%	680	680	NA NA	
51-7011	Cabinetmakers and Bench Carpenters	1,030	1,020	-10	-1%	260	260	\$26,311	Long-term on-the-job training
51-7021	Furniture Finishers	370	340	-30	-8%	70	70	\$23,466	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	270	270	0	0%	80	80	\$26,335	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	810	720	-90	-11%	210	210	\$25,187	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	210	190	-20	-10%	60	60	\$18,132	Moderate-term on-the-job training
51-8000	<i>Plant and System Operators</i>	850	860	10	1%	240	290	NA NA	
51-8013	Power Plant Operators	380	350	-30	-8%	100	100	\$54,148	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	100	90	-10	-10%	20	20	\$37,870	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	190	230	40	21%	60	110	\$31,378	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	30	30	0	0%	10	10	NA	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	90	100	10	11%	30	30	\$51,493	NA
51-8099	Plant and System Operators, All Other	50	50	0	0%	20	20	\$40,194	Long-term on-the-job training
51-9000	<i>Other Production Occupations</i>	10,700	11,190	490	5%	2,630	3,380	NA NA	
51-9011	Chemical Equipment Operators and Tenders	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	30	30	0	0%	10	10	\$32,748	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	190	190	0	0%	50	50	\$31,291	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	270	290	20	7%	70	90	\$23,640	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	320	300	-20	-6%	80	80	NA	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	90	80	-10	-11%	20	20	\$21,731	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	200	210	10	5%	40	60	NA	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	560	600	40	7%	150	180	NA	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	570	510	-60	-11%	140	140	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,620	1,660	40	2%	370	410	\$29,869	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	70	70	0	0%	20	20	\$32,649	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	\$29,656	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,270	1,460	190	15%	250	450	\$26,025	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	710	790	80	11%	190	260	\$25,302	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	60	70	10	17%	20	20	\$37,497	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	90	90	0	0%	20	30	\$23,369	Short-term on-the-job training
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	\$23,296	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	190	190	0	0%	50	50	NA	Short-term on-the-job training
51-9141	Semiconductor Processors	330	220	-110	-33%	70	70	NA NA	
51-9191	Cementing and Gluing Machine Operators and Tenders	110	90	-20	-18%	30	30	\$24,454	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
51-9194	Etchers and Engravers	20	10	-10	-50%	0	0	NA	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	90	70	-20	-22%	20	20	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	310	300	-10	-3%	70	70	\$30,155	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	2,570	2,680	110	4%	720	830	\$23,684	Short-term on-the-job training
51-9199	Production Workers, All Other	850	1,090	240	28%	200	440	\$43,145	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	18,340	19,740	1,400	8%	4,090	5,580	\$26,499	NA
53-1000	<i>Supervisors, Transportation and Material Moving Workers</i>	900	980	80	9%	210	290	NA NA	
53-1011	Aircraft Cargo Handling Supervisors	30	50	20	67%	10	30	\$25,190	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Mover	350	370	20	6%	80	100	\$43,239	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	520	560	40	8%	120	160	\$38,234	Work experience in a related occupation
53-2000	<i>Air Transportation Workers</i>	160	200	40	25%	40	80	NA NA	

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
53-2011	Airline Pilots, Copilots, and Flight Engineers	110	140	30	27%	30	60	NA	Bachelor's degree
53-2021	Air Traffic Controllers	20	30	10	50%	10	20	NA	Long-term on-the-job training
53-2099	Air Transportation Workers, All Other (OES Only)	20	20	0	0%	0	10	NA	NA
53-3000	<i>Motor Vehicle Operators</i>	7,550	8,530	980	13%	1,150	2,160	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	\$20,088	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	40	50	10	25%	10	20	\$20,046	Moderate-term on-the-job training
53-3022	Bus Drivers, School	760	870	110	14%	160	280	\$23,487	Short-term on-the-job training
53-3031	Driver/Sales Workers	600	580	-20	-3%	100	100	\$23,918	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,340	5,020	680	16%	710	1,390	\$31,810	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	1,380	1,490	110	8%	130	240	\$23,066	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	260	290	30	12%	20	60	\$15,794	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	130	170	40	31%	20	60	NA	Short-term on-the-job training
53-5000	<i>Water Transportation Workers</i>	130	140	10	8%	40	60	NA	NA
53-5011	Sailors and Marine Oilers	70	80	10	14%	30	40	NA	Short-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	30	20	-10	-33%	10	10	\$46,243	Work experience in a related occupation
53-5022	Motorboat Operators	20	20	0	0%	10	10	NA	NA
53-6000	<i>Other Transportation Workers</i>	270	270	0	0%	110	110	NA	NA
53-6011	Bridge and Lock Tenders	30	40	10	33%	10	10	\$44,648	NA
53-6021	Parking Lot Attendants	50	50	0	0%	10	10	NA	Short-term on-the-job training
53-6031	Service Station Attendants	180	180	0	0%	80	80	\$16,263	Short-term on-the-job training
53-7000	<i>Material Moving Workers</i>	9,330	9,620	290	3%	2,530	2,880	NA	NA
53-7011	Conveyor Operators and Tenders	160	160	0	0%	50	50	\$33,493	Short-term on-the-job training
53-7021	Crane and Tower Operators	80	80	0	0%	20	20	\$38,904	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	190	190	0	0%	50	50	\$41,557	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	50	50	0	0%	20	20	NA	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	1,520	1,570	50	3%	290	340	\$28,474	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	660	690	30	5%	230	260	\$18,964	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,830	3,810	-20	-1%	1,250	1,250	\$21,665	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	880	980	100	11%	240	340	\$24,155	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1,520	1,670	150	10%	280	440	\$22,133	Short-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumps	60	60	0	0%	20	20	NA	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	300	310	10	3%	80	80	\$27,644	Short-term on-the-job training
53-7111	Shuttle Car Operators	30	20	-10	-33%	10	10	NA	NA

- 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.

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
	<p>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.</p> <p>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.</p> <p>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.</p>								

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 11

Education Requirement ³

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

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²
00-0000	Total, All Occupations	218,230	237,700	19,470	9%	53,230	75,340	\$32,042
First professional degree								
23-1011	Lawyers	350	410	60	17%	50	110	\$63,793
29-1011	Chiropractors	40	50	10	25%	10	20	\$100,711
29-1041	Optometrists	50	60	10	20%	10	30	\$131,821
29-1051	Pharmacists	420	510	90	21%	80	170	\$81,344
29-1061	Anesthesiologists	20	30	10	50%	0	10	NA
29-1062	Family and General Practitioners	210	260	50	24%	30	70	\$156,936
29-1063	Internists, General	40	50	10	25%	10	20	\$159,494
29-1064	Obstetricians and Gynecologists	40	50	10	25%	10	10	NA
29-1065	Pediatricians, General	20	20	0	0%	0	10	NA
29-1066	Psychiatrists	20	20	0	0%	0	10	\$149,979
29-1067	Surgeons	170	210	40	24%	20	60	NA
29-1131	Veterinarians	160	170	10	6%	40	50	\$88,666
29-1199	Health Diagnosing and Treating Practitioners, All Other	80	100	20	25%	20	40	NA
Doctoral degree								
19-1022	Microbiologists	20	20	0	0%	10	10	NA
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	NA
19-2012	Physicists	20	20	0	0%	10	10	NA
25-1011	Business Teachers, Postsecondary	120	180	60	50%	30	80	\$60,414
25-1021	Computer Science Teachers, Postsecondary	80	120	40	50%	20	50	\$60,363
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	\$56,544
25-1032	Engineering Teachers, Postsecondary	40	60	20	50%	10	30	NA
25-1042	Biological Science Teachers, Postsecondary	50	60	10	20%	10	30	\$69,951
25-1052	Chemistry Teachers, Postsecondary	20	20	0	0%	0	10	\$47,823
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	0	10	\$58,291
25-1066	Psychology Teachers, Postsecondary	30	40	10	33%	10	20	NA
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	\$58,329
25-1081	Education Teachers, Postsecondary	110	160	50	45%	30	70	\$46,949
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	\$47,224
25-1121	Art, Drama, and Music Teachers, Postsecondary	90	130	40	44%	20	60	\$51,710
25-1122	Communications Teachers, Postsecondary	30	30	0	0%	10	20	NA
25-1123	English Language and Literature Teachers, Postsecondary	60	80	20	33%	10	40	\$45,089
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1125	History Teachers, Postsecondary	20	30	10	50%	0	10	NA
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	20	\$48,136
25-1199	Postsecondary Teachers, All Other	50	70	20	40%	10	30	NA
Master's degree								
15-2031	Operations Research Analysts	30	30	0	0%	10	10	\$61,498
15-2041	Statisticians	30	30	0	0%	10	10	NA
19-3031	Clinical, Counseling, and School Psychologists	50	60	10	20%	10	20	\$59,116
21-1011	Substance Abuse and Behavioral Disorder Counselors	80	100	20	25%	20	40	\$31,810
21-1012	Educational, Vocational, and School Counselors	270	310	40	15%	60	100	\$42,324
21-1014	Mental Health Counselors	90	100	10	11%	20	30	\$43,001
21-1015	Rehabilitation Counselors	150	220	70	47%	40	100	\$26,519
21-1023	Mental Health and Substance Abuse Social Workers	70	100	30	43%	10	40	\$37,429
21-1091	Health Educators	40	40	0	0%	10	10	\$30,373
21-2011	Clergy	60	60	0	0%	10	20	\$27,656
25-1072	Nursing Instructors and Teachers, Postsecondary	40	60	20	50%	10	30	\$50,432
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	20	20	0	0%	0	10	NA
25-4021	Librarians	270	290	20	7%	60	80	\$40,041
25-9031	Instructional Coordinators	60	70	10	17%	10	20	\$57,139
29-1123	Physical Therapists	290	390	100	34%	30	130	\$57,583
29-1127	Speech-Language Pathologists	90	120	30	33%	20	50	\$51,377
Work experience plus bachelor's or higher degree								
11-1011	Chief Executives	610	660	50	8%	110	170	\$115,697
11-1021	General and Operations Managers	2520	2740	220	9%	480	690	\$85,586
11-2011	Advertising and Promotions Managers	70	90	20	29%	10	30	\$55,273
11-2021	Marketing Managers	160	180	20	13%	30	50	\$84,212
11-2022	Sales Managers	360	420	60	17%	70	130	\$89,058
11-2031	Public Relations Managers	80	90	10	13%	10	30	\$66,358
11-3011	Administrative Services Managers	230	260	30	13%	50	70	\$56,820
11-3021	Computer and Information Systems Managers	310	380	70	23%	60	130	\$72,830

11-3031	Financial Managers	500	540	40	8%	70	110	\$81,828
11-3061	Purchasing Managers	120	110	-10	-8%	30	30	\$67,894
11-9011	Farm, Ranch, and Other Agricultural Managers	160	190	30	19%	30	60	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	90	20	29%	20	30	\$36,021
11-9032	Education Administrators, Elementary and Secondary School	270	320	50	19%	70	120	\$72,201
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	60	\$60,959
11-9041	Engineering Managers	280	300	20	7%	60	80	\$75,982
11-9071	Gaming Managers	30	30	0	0%	10	10	NA
11-9111	Medical and Health Services Managers	470	610	140	30%	90	230	\$58,869
11-9121	Natural Sciences Managers	50	50	0	0%	10	10	\$94,073
13-1111	Management Analysts	330	410	80	24%	50	120	\$66,620
15-2011	Actuaries	60	70	10	17%	20	30	NA
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	30	0	0%	0	10	NA
23-1022	Arbitrators, Mediators, and Conciliators	20	20	0	0%	0	0	NA
23-1023	Judges, Magistrate Judges, and Magistrates	50	50	0	0%	10	10	\$54,958
27-1011	Art Directors	40	40	0	0%	10	10	\$41,299
27-2012	Producers and Directors	70	90	20	29%	10	30	\$36,956
27-2041	Music Directors and Composers	50	60	10	20%	10	20	NA
Bachelor's degree								
11-3051	Industrial Production Managers	420	440	20	5%	80	110	\$67,611
11-9021	Construction Managers	380	420	40	11%	70	110	\$73,423
11-9141	Property, Real Estate, and Community Association Managers	250	260	10	4%	50	60	\$47,823
11-9151	Social and Community Service Managers	150	190	40	27%	30	70	\$39,970
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	300	0	0%	80	80	\$44,371
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	400	420	20	5%	100	120	\$42,933
13-1051	Cost Estimators	300	340	40	13%	70	100	\$47,910
13-1071	Employment, Recruitment, and Placement Specialists	180	200	20	11%	30	50	\$60,621
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	100	20	25%	10	30	\$43,500
13-1073	Training and Development Specialists	340	400	60	18%	50	120	\$41,835
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	\$42,676
13-1199	Business Operations Specialists, All Other	1570	1850	280	18%	270	550	\$44,105
13-2011	Accountants and Auditors	1600	1720	120	8%	300	430	\$50,022
13-2031	Budget Analysts	20	20	0	0%	0	10	\$50,530
13-2041	Credit Analysts	120	130	10	8%	20	30	\$59,494
13-2051	Financial Analysts	100	110	10	10%	20	30	\$60,109
13-2052	Personal Financial Advisors	120	150	30	25%	20	40	\$57,301
13-2053	Insurance Underwriters	40	40	0	0%	10	10	\$80,500
13-2061	Financial Examiners	20	30	10	50%	10	10	\$54,554
13-2072	Loan Officers	270	310	40	15%	40	90	\$48,813
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	40	10	33%	10	10	\$58,205
13-2099	Financial Specialists, All Other	80	80	0	0%	10	20	\$53,444
15-1021	Computer Programmers	310	310	0	0%	70	70	\$52,044
15-1031	Computer Software Engineers, Applications	180	230	50	28%	20	60	\$65,800
15-1032	Computer Software Engineers, Systems Software	100	130	30	30%	10	40	\$70,684
15-1051	Computer Systems Analysts	300	360	60	20%	30	100	\$56,732
15-1061	Database Administrators	120	160	40	33%	10	60	\$49,373
15-1071	Network and Computer Systems Administrators	310	390	80	26%	30	120	\$49,073
15-1081	Network Systems and Data Communications Analysts	140	190	50	36%	20	70	\$60,959
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	30	\$63,683
17-1022	Surveyors	80	90	10	13%	30	40	\$32,801
17-2031	Biomedical Engineers	20	20	0	0%	0	0	NA
17-2041	Chemical Engineers	50	50	0	0%	10	20	\$67,778
17-2051	Civil Engineers	210	240	30	14%	30	60	\$57,097
17-2061	Computer Hardware Engineers	130	100	-30	-23%	20	20	NA
17-2071	Electrical Engineers	160	160	0	0%	30	30	\$59,368
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	\$65,983
17-2081	Environmental Engineers	70	90	20	29%	10	40	\$67,820
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	60	0	0%	20	20	\$60,529
17-2112	Industrial Engineers	470	530	60	13%	110	180	\$56,068
17-2141	Mechanical Engineers	340	340	0	0%	90	100	\$61,345
17-2199	Engineers, All Other	210	240	30	14%	40	60	\$65,837
19-1031	Conservation Scientists	20	30	10	50%	10	10	\$60,339
19-1099	Life Scientists, All Other	20	20	0	0%	0	10	NA
19-2031	Chemists	140	140	0	0%	50	50	NA
19-2032	Materials Scientists	20	20	0	0%	10	10	NA
19-2041	Environmental Scientists and Specialists, Including Health	80	100	20	25%	20	30	\$52,294
19-2099	Physical Scientists, All Other	20	20	0	0%	10	10	NA
19-3011	Economists	30	30	0	0%	10	10	NA
19-3021	Market Research Analysts	240	240	0	0%	60	70	NA
21-1021	Child, Family, and School Social Workers	340	370	30	9%	60	90	\$30,494
21-1022	Medical and Public Health Social Workers	200	280	80	40%	30	110	\$34,164
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	NA
21-2021	Directors, Religious Activities and Education	30	40	10	33%	0	10	NA
23-2092	Law Clerks	60	70	10	17%	10	10	\$29,624
25-1191	Graduate Teaching Assistants	20	30	10	50%	0	10	NA
25-2011	Preschool Teachers, Except Special Education	450	540	90	20%	50	150	\$19,760
25-2012	Kindergarten Teachers, Except Special Education	230	300	70	30%	30	90	\$43,613
25-2021	Elementary School Teachers, Except Special Education	2290	2650	360	16%	510	860	\$45,907
25-2022	Middle School Teachers, Except Special and Vocational Education	530	580	50	9%	120	170	\$43,097

25-2031	Secondary School Teachers, Except Special and Vocational Education	1090	1290	200	18%	310	510	\$45,640
25-2032	Vocational Education Teachers, Secondary School	90	100	10	11%	20	30	\$48,935
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	210	270	60	29%	50	110	NA
25-2042	Special Education Teachers, Middle School	90	110	20	22%	20	50	NA
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	NA
27-1014	Multi-Media Artists and Animators	30	30	0	0%	10	10	NA
27-1021	Commercial and Industrial Designers	100	110	10	10%	10	20	\$46,772
27-1024	Graphic Designers	290	300	10	3%	40	50	\$33,131
27-1025	Interior Designers	50	50	0	0%	10	10	\$29,654
27-3031	Public Relations Specialists	290	360	70	24%	40	110	\$37,011
27-3041	Editors	70	80	10	14%	20	20	\$35,604
27-3042	Technical Writers	20	20	0	0%	10	10	NA
27-3043	Writers and Authors	110	120	10	9%	20	30	\$33,689
29-1031	Dietitians and Nutritionists	60	70	10	17%	20	30	\$46,933
29-1071	Physician Assistants	100	150	50	50%	20	70	NA
29-1122	Occupational Therapists	170	230	60	35%	20	80	\$54,758
29-1125	Recreational Therapists	70	80	10	14%	20	20	\$27,579
29-2011	Medical and Clinical Laboratory Technologists	230	260	30	13%	60	90	\$42,017
39-9032	Recreation Workers	260	280	20	8%	60	80	\$19,874
41-3021	Insurance Sales Agents	750	790	40	5%	180	210	\$59,897
41-3031	Securities, Commodities, and Financial Services Sales Agents	240	270	30	13%	30	60	\$82,853
41-9031	Sales Engineers	80	90	10	13%	20	30	\$63,059
53-2011	Airline Pilots, Copilots, and Flight Engineers	110	140	30	27%	30	60	NA
Associate degree								
11-9061	Funeral Directors	80	80	0	0%	20	20	\$120,256
15-1041	Computer Support Specialists	550	680	130	24%	70	200	\$33,567
17-3022	Civil Engineering Technicians	40	40	0	0%	10	10	\$31,266
17-3023	Electrical and Electronic Engineering Technicians	250	270	20	8%	50	70	\$47,089
17-3025	Environmental Engineering Technicians	30	40	10	33%	10	10	NA
17-3026	Industrial Engineering Technicians	340	300	-40	-12%	70	70	\$40,919
17-3027	Mechanical Engineering Technicians	120	140	20	17%	30	40	\$45,459
19-4021	Biological Technicians	130	130	0	0%	20	30	NA
19-4031	Chemical Technicians	180	170	-10	-6%	40	40	NA
19-4091	Environmental Science and Protection Technicians, Including Health	50	70	20	40%	10	30	\$30,281
19-4099	Life, Physical, and Social Science Technicians, All Other	80	80	0	0%	20	30	\$39,784
23-2011	Paralegals and Legal Assistants	160	200	40	25%	10	50	\$30,011
29-1111	Registered Nurses	4190	5350	1160	28%	880	2030	\$41,885
29-1124	Radiation Therapists	40	60	20	50%	10	30	\$76,341
29-1126	Respiratory Therapists	190	250	60	32%	60	130	\$39,779
29-2012	Medical and Clinical Laboratory Technicians	340	390	50	15%	90	140	\$29,512
29-2021	Dental Hygienists	270	330	60	22%	20	80	\$49,672
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	NA
29-2032	Diagnostic Medical Sonographers	90	110	20	22%	20	40	\$42,273
29-2034	Radiologic Technologists and Technicians	440	570	130	30%	80	210	\$39,996
29-2056	Veterinary Technologists and Technicians	140	170	30	21%	20	50	\$22,769
29-2071	Medical Records and Health Information Technicians	340	500	160	47%	50	210	\$22,076
31-2011	Occupational Therapist Assistants	30	40	10	33%	0	10	\$38,261
31-2021	Physical Therapist Assistants	310	420	110	35%	50	170	\$37,651
Postsecondary vocational training								
13-2021	Appraisers and Assessors of Real Estate	130	140	10	8%	30	40	\$34,399
15-1099	Computer Specialists, All Other	70	90	20	29%	10	30	\$42,669
17-3011	Architectural and Civil Drafters	140	150	10	7%	40	50	\$35,850
17-3012	Electrical and Electronics Drafters	170	180	10	6%	50	60	NA
17-3013	Mechanical Drafters	180	190	10	6%	50	60	\$35,569
23-2091	Court Reporters	70	80	10	14%	10	10	\$32,093
27-4012	Broadcast Technicians	100	140	40	40%	30	70	\$20,232
29-2041	Emergency Medical Technicians and Paramedics	440	540	100	23%	50	160	\$25,327
29-2053	Psychiatric Technicians	360	350	-10	-3%	50	50	\$24,430
29-2054	Respiratory Therapy Technicians	50	70	20	40%	10	30	\$33,964
29-2055	Surgical Technologists	210	280	70	33%	30	100	\$33,659
29-2061	Licensed Practical and Licensed Vocational Nurses	1650	1830	180	11%	360	540	\$31,963
31-9094	Medical Transcriptionists	230	280	50	22%	40	90	\$24,536
35-1011	Chefs and Head Cooks	120	140	20	17%	40	50	\$25,483
39-1011	Gaming Supervisors	80	110	30	38%	20	40	NA
39-1012	Slot Key Persons	80	110	30	38%	20	40	NA
39-3011	Gaming Dealers	190	270	80	42%	60	130	NA
39-5011	Barbers	110	100	-10	-9%	30	30	NA
39-5012	Hairdressers, Hairstylists, and Cosmetologists	570	530	-40	-7%	110	110	\$21,929
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	0	\$24,003
39-5094	Skin Care Specialists	20	20	0	0%	0	0	\$17,417
39-9031	Fitness Trainers and Aerobics Instructors	240	350	110	46%	60	170	\$28,249
41-3041	Travel Agents	70	60	-10	-14%	20	20	\$24,681
41-9022	Real Estate Sales Agents	220	220	0	0%	40	40	\$31,856
43-6012	Legal Secretaries	340	390	50	15%	60	120	\$26,676
43-6013	Medical Secretaries	470	500	30	6%	90	130	\$23,401
43-9031	Desktop Publishers	20	20	0	0%	0	10	\$27,753
49-2011	Computer, Automated Teller, and Office Machine Repairers	250	260	10	4%	30	40	\$31,081

49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	80	60	-20	-25%	20	20	\$47,539
49-2092	Electric Motor, Power Tool, and Related Repairers	100	120	20	20%	20	40	NA
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	90	100	10	11%	20	30	\$35,021
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	100	90	-10	-10%	20	20	\$53,797
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	50	50	0	0%	10	20	NA
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	90	90	0	0%	20	20	\$25,371
49-2098	Security and Fire Alarm Systems Installers	40	40	0	0%	10	10	\$35,847
49-3011	Aircraft Mechanics and Service Technicians	30	40	10	33%	10	10	\$38,443
49-3023	Automotive Service Technicians and Mechanics	1440	1560	120	8%	380	500	\$31,290
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	480	530	50	10%	120	170	\$32,392
49-3041	Farm Equipment Mechanics	240	260	20	8%	50	70	\$33,746
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	330	330	0	0%	70	70	\$36,611
51-4121	Welders, Cutters, Solderers, and Brazers	700	750	50	7%	200	250	\$31,061
51-9071	Jewelers and Precious Stone and Metal Workers	70	70	0	0%	20	20	\$32,649
Work experience in a related occupation								
11-3071	Transportation, Storage, and Distribution Managers	120	130	10	8%	20	40	\$76,813
11-9051	Food Service Managers	660	670	10	2%	110	120	\$32,150
11-9081	Lodging Managers	50	50	0	0%	10	10	\$42,116
11-9131	Postmasters and Mail Superintendents	80	70	-10	-13%	10	10	\$47,948
11-9199	Managers, All Other	1400	1400	0	0%	270	270	\$68,233
13-1021	Purchasing Agents and Buyers, Farm Products	80	90	10	13%	30	40	\$56,835
13-1061	Emergency Management Specialists	30	30	0	0%	10	10	\$33,110
25-1194	Vocational Education Teachers, Postsecondary	100	140	40	40%	20	70	\$39,147
25-3021	Self-Enrichment Education Teachers	520	760	240	46%	60	300	NA
27-2032	Choreographers	70	80	10	14%	40	50	\$26,277
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	80	10	14%	20	30	\$33,844
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	50	\$50,829
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	20	20	0	0%	10	10	\$42,253
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	60	60	0	0%	20	20	\$35,787
33-2021	Fire Inspectors and Investigators	20	30	10	50%	10	10	NA
33-3021	Detectives and Criminal Investigators	110	130	20	18%	30	50	\$48,715
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1360	1450	90	7%	320	410	\$24,964
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	450	490	40	9%	110	150	\$29,333
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Work	150	170	20	13%	10	30	\$32,384
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	240	20	9%	60	70	\$26,968
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2660	2720	60	2%	480	540	\$33,287
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	780	790	10	1%	150	160	\$68,153
41-9021	Real Estate Brokers	40	40	0	0%	10	10	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2200	2240	40	2%	470	520	\$38,173
43-4141	New Accounts Clerks	80	80	0	0%	20	20	\$24,626
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	50	20	67%	10	20	\$48,720
45-2041	Graders and Sorters, Agricultural Products	40	50	10	25%	10	20	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1130	1230	100	9%	190	290	\$54,062
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	\$37,793
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1140	1220	80	7%	290	370	\$50,314
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2110	2280	170	8%	440	620	\$45,575
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	10	10	\$22,256
53-1011	Aircraft Cargo Handling Supervisors	30	50	20	67%	10	30	\$25,190
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	350	370	20	6%	80	100	\$43,239
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehic	520	560	40	8%	120	160	\$38,234
53-5021	Captains, Mates, and Pilots of Water Vessels	30	20	-10	-33%	10	10	\$46,243
Long-term on-the-job training								
13-1031	Claims Adjusters, Examiners, and Investigators	180	190	10	6%	20	40	\$50,286
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportati	100	110	10	10%	20	30	\$41,617
27-2022	Coaches and Scouts	230	280	50	22%	50	100	\$23,097
27-2023	Umpires, Referees, and Other Sports Officials	60	70	10	17%	10	20	\$21,623
27-2042	Musicians and Singers	180	210	30	17%	40	70	\$0
27-3099	Media and Communication Workers, All Other	20	20	0	0%	0	10	NA
27-4011	Audio and Video Equipment Technicians	20	20	0	0%	0	10	\$29,101
27-4021	Photographers	240	240	0	0%	50	50	\$25,226
29-2081	Opticians, Dispensing	180	220	40	22%	30	70	\$21,790
33-2011	Fire Fighters	500	570	70	14%	140	220	NA
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	NA
33-3051	Police and Sheriff's Patrol Officers	670	790	120	18%	170	290	\$32,291
35-2012	Cooks, Institution and Cafeteria	900	860	-40	-4%	280	280	\$18,910
35-2014	Cooks, Restaurant	1370	1570	200	15%	430	620	\$19,024
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	460	530	70	15%	130	200	NA
47-2011	Boilermakers	250	240	-10	-4%	90	90	NA
47-2021	Brickmasons and Blockmasons	250	270	20	8%	40	60	\$45,846
47-2022	Stonemasons	110	130	20	18%	20	30	NA
47-2031	Carpenters	1300	1360	60	5%	210	270	\$31,707
47-2051	Cement Masons and Concrete Finishers	300	360	60	20%	60	120	\$34,291
47-2111	Electricians	1410	1670	260	18%	280	540	\$49,275
47-2121	Glaziers	150	160	10	7%	30	40	NA
47-2152	Plumbers, Pipefitters, and Steamfitters	1540	1660	120	8%	360	470	\$49,321
47-2161	Plasterers and Stucco Masons	50	50	0	0%	10	10	NA
47-2221	Structural Iron and Steel Workers	220	250	30	14%	40	70	\$48,851

47-4021	Elevator Installers and Repairers	40	40	0	0%	10	10	NA
49-3021	Automotive Body and Related Repairers	330	350	20	6%	70	90	\$32,263
49-3022	Automotive Glass Installers and Repairers	20	20	0	0%	0	0	NA
49-3051	Motorboat Mechanics	30	30	0	0%	10	10	\$35,217
49-3052	Motorcycle Mechanics	30	40	10	33%	10	20	\$33,604
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	160	200	40	25%	20	50	\$37,650
49-9031	Home Appliance Repairers	120	120	0	0%	30	30	\$25,353
49-9041	Industrial Machinery Mechanics	550	670	120	22%	110	230	\$41,355
49-9042	Maintenance and Repair Workers, General	3170	3460	290	9%	610	900	\$33,837
49-9043	Maintenance Workers, Machinery	150	170	20	13%	40	50	\$36,401
49-9044	Millwrights	50	60	10	20%	10	20	NA
49-9045	Refractory Materials Repairers, Except Brickmasons	400	370	-30	-8%	80	80	NA
49-9051	Electrical Power-Line Installers and Repairers	210	200	-10	-5%	70	70	\$51,536
49-9052	Telecommunications Line Installers and Repairers	90	110	20	22%	20	40	\$43,378
49-9063	Musical Instrument Repairers and Tuners	30	30	0	0%	10	10	NA
49-9099	Installation, Maintenance, and Repair Workers, All Other	290	330	40	14%	70	110	\$37,867
51-3011	Bakers	340	360	20	6%	80	100	\$19,510
51-3021	Butchers and Meat Cutters	170	150	-20	-12%	40	40	\$24,961
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	340	370	30	9%	60	80	\$29,707
51-4012	Numerical Tool and Process Control Programmers	90	90	0	0%	20	20	NA
51-4041	Machinists	610	650	40	7%	140	180	\$33,680
51-4111	Tool and Die Makers	350	320	-30	-9%	80	80	\$36,346
51-5021	Job Printers	130	120	-10	-8%	30	30	\$25,144
51-5022	Prepress Technicians and Workers	70	60	-10	-14%	20	20	\$31,995
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	NA
51-6093	Upholsterers	180	140	-40	-22%	50	50	\$27,746
51-7011	Cabinetmakers and Bench Carpenters	1030	1020	-10	-1%	260	260	\$26,311
51-7021	Furniture Finishers	370	340	-30	-8%	70	70	\$23,466
51-8013	Power Plant Operators	380	350	-30	-8%	100	100	\$54,148
51-8021	Stationary Engineers and Boiler Operators	100	90	-10	-10%	20	20	\$37,870
51-8031	Water and Liquid Waste Treatment Plant and System Operators	190	230	40	21%	60	110	\$31,378
51-8091	Chemical Plant and System Operators	30	30	0	0%	10	10	NA
51-8099	Plant and System Operators, All Other	50	50	0	0%	20	20	\$40,194
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	\$29,656
51-9194	Etchers and Engravers	20	10	-10	-50%	0	0	NA
53-2021	Air Traffic Controllers	20	30	10	50%	10	20	NA
Moderate-term on-the-job training								
13-2082	Tax Preparers	110	100	-10	-9%	20	20	\$31,726
17-3031	Surveying and Mapping Technicians	100	120	20	20%	40	60	\$28,279
21-1093	Social and Human Service Assistants	500	810	310	62%	90	400	\$26,735
23-2093	Title Examiners, Abstractors, and Searchers	130	130	0	0%	20	20	\$29,457
27-1023	Floral Designers	230	210	-20	-9%	30	30	\$17,146
27-1026	Merchandise Displayers and Window Trimmers	60	70	10	17%	10	10	\$24,585
27-4031	Camera Operators, Television, Video, and Motion Picture	50	70	20	40%	10	30	\$15,495
29-2052	Pharmacy Technicians	450	550	100	22%	60	160	\$21,602
31-9091	Dental Assistants	390	470	80	21%	110	190	\$26,761
31-9092	Medical Assistants	410	640	230	56%	80	300	\$23,126
33-3012	Correctional Officers and Jailers	380	410	30	8%	80	110	\$27,587
33-9011	Animal Control Workers	20	20	0	0%	10	10	\$20,622
33-9031	Gaming Surveillance Officers and Gaming Investigators	20	20	0	0%	0	10	NA
37-2021	Pest Control Workers	110	110	0	0%	20	20	\$28,613
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	70	70	0	0%	20	20	NA
39-9041	Residential Advisors	50	50	0	0%	10	20	NA
39-9099	Personal Care and Service Workers, All Other	90	100	10	11%	20	30	NA
41-2022	Parts Salespersons	600	550	-50	-8%	170	170	\$24,139
41-3011	Advertising Sales Agents	330	400	70	21%	60	140	\$45,128
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	390	420	30	8%	100	130	\$58,782
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Proc	2260	2500	240	11%	590	840	\$44,270
41-9011	Demonstrators and Product Promoters	80	90	10	13%	20	30	NA
41-9099	Sales and Related Workers, All Other	460	520	60	13%	90	150	\$37,057
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3030	2970	-60	-2%	570	570	\$24,948
43-4011	Brokerage Clerks	50	40	-10	-20%	10	10	\$29,279
43-4051	Customer Service Representatives	2290	2550	260	11%	340	600	\$28,492
43-4061	Eligibility Interviewers, Government Programs	40	30	-10	-25%	10	10	\$25,859
43-5011	Cargo and Freight Agents	40	40	0	0%	10	10	\$34,921
43-5031	Police, Fire, and Ambulance Dispatchers	210	230	20	10%	50	60	\$24,664
43-5032	Dispatchers, Except Police, Fire, and Ambulance	350	380	30	9%	70	100	\$27,473
43-6011	Executive Secretaries and Administrative Assistants	1740	1760	20	1%	330	350	\$30,599
43-6014	Secretaries, Except Legal, Medical, and Executive	2430	2240	-190	-8%	470	470	\$23,791
43-9011	Computer Operators	260	190	-70	-27%	60	60	\$28,274
43-9021	Data Entry Keyers	380	340	-40	-11%	90	90	\$21,252
43-9022	Word Processors and Typists	240	140	-100	-42%	50	50	NA
43-9041	Insurance Claims and Policy Processing Clerks	210	200	-10	-5%	30	30	NA
45-2091	Agricultural Equipment Operators	90	110	20	22%	30	40	NA
45-2093	Farmworkers, Farm and Ranch Animals	130	140	10	8%	40	50	NA
45-4021	Fallers	20	80	60	300%	0	60	NA
45-4022	Logging Equipment Operators	40	90	50	125%	10	60	NA
47-2041	Carpet Installers	170	190	20	12%	30	50	\$28,417
47-2061	Construction Laborers	1430	1560	130	9%	190	320	\$30,936

47-2071	Paving, Surfacing, and Tamping Equipment Operators	110	120	10	9%	20	30	\$36,817
47-2073	Operating Engineers and Other Construction Equipment Operators	970	1030	60	6%	250	320	\$42,805
47-2081	Drywall and Ceiling Tile Installers	70	90	20	29%	20	30	\$42,139
47-2082	Tapers	20	20	0	0%	0	10	\$44,333
47-2141	Painters, Construction and Maintenance	700	730	30	4%	110	130	\$31,427
47-2151	Pipelayers	30	30	0	0%	10	10	NA
47-2181	Roofers	1000	1070	70	7%	230	300	NA
47-2211	Sheet Metal Workers	670	730	60	9%	160	220	\$41,406
47-4051	Highway Maintenance Workers	260	260	0	0%	40	40	\$21,384
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	40	10	33%	10	10	\$31,611
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	80	90	10	13%	30	40	\$39,519
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	70	60	-10	-14%	20	20	\$23,949
49-9011	Mechanical Door Repairers	20	20	0	0%	0	10	NA
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	320	260	-60	-19%	80	80	\$43,662
49-9062	Medical Equipment Repairers	20	20	0	0%	0	0	\$35,622
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	20	\$26,764
49-9094	Locksmiths and Safe Repairers	20	20	0	0%	10	10	NA
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	\$21,822
51-2041	Structural Metal Fabricators and Fitters	300	300	0	0%	70	70	\$29,321
51-2091	Fiberglass Laminators and Fabricators	40	40	0	0%	10	10	NA
51-2092	Team Assemblers	4300	4630	330	8%	1110	1440	\$26,293
51-2099	Assemblers and Fabricators, All Other	590	580	-10	-2%	150	150	NA
51-3023	Slaughterers and Meat Packers	70	80	10	14%	20	20	NA
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	500	520	20	4%	170	190	\$30,321
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	60	40	-20	-33%	10	10	NA
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0%	20	20	NA
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	470	540	70	15%	110	170	\$25,234
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	620	590	-30	-5%	180	180	NA
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, M	260	280	20	8%	50	70	NA
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	130	130	0	0%	30	30	\$34,171
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30	20	-10	-33%	0	0	NA
51-4051	Metal-Refining Furnace Operators and Tenders	100	100	0	0%	20	30	NA
51-4052	Pourers and Casters, Metal	60	60	0	0%	10	20	NA
51-4061	Model Makers, Metal and Plastic	40	40	0	0%	10	10	NA
51-4062	Patternmakers, Metal and Plastic	20	30	10	50%	10	10	NA
51-4071	Foundry Mold and Coremakers	240	240	0	0%	60	60	\$35,455
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Pl	770	840	70	9%	190	250	\$29,503
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	420	450	30	7%	120	150	NA
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	180	150	-30	-17%	50	50	NA
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	50	40	-10	-20%	20	20	NA
51-4192	Lay-Out Workers, Metal and Plastic	20	30	10	50%	0	10	\$30,552
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	0	0%	10	10	\$22,645
51-4199	Metal Workers and Plastic Workers, All Other	310	410	100	32%	70	180	NA
51-5011	Bindery Workers	60	40	-20	-33%	20	20	\$20,353
51-5023	Printing Machine Operators	270	260	-10	-4%	60	60	\$34,148
51-6011	Laundry and Dry-Cleaning Workers	480	500	20	4%	130	150	\$16,593
51-6031	Sewing Machine Operators	190	240	50	26%	20	80	\$20,178
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fib	330	370	40	12%	60	100	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	270	270	0	0%	80	80	\$26,335
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	810	720	-90	-11%	210	210	\$25,187
51-7099	Woodworkers, All Other	210	190	-20	-10%	60	60	\$18,132
51-9011	Chemical Equipment Operators and Tenders	40	40	0	0%	10	10	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Ter	30	30	0	0%	10	10	\$32,748
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	190	190	0	0%	50	50	\$31,291
51-9022	Grinding and Polishing Workers, Hand	270	290	20	7%	70	90	\$23,640
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	320	300	-20	-6%	80	80	NA
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	200	210	10	5%	40	60	NA
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	560	600	40	7%	150	180	NA
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	570	510	-60	-11%	140	140	NA
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1620	1660	40	2%	370	410	\$29,869
51-9083	Ophthalmic Laboratory Technicians	30	30	0	0%	10	10	NA
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	710	790	80	11%	190	260	\$25,302
51-9122	Painters, Transportation Equipment	60	70	10	17%	20	20	\$37,497
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	\$23,296
51-9191	Cementing and Gluing Machine Operators and Tenders	110	90	-20	-18%	30	30	\$24,454
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	40	0	0%	10	10	NA
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	90	70	-20	-22%	20	20	NA
51-9196	Paper Goods Machine Setters, Operators, and Tenders	310	300	-10	-3%	70	70	\$30,155
51-9199	Production Workers, All Other	850	1090	240	28%	200	440	\$43,145
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	\$20,088
53-3021	Bus Drivers, Transit and Intercity	40	50	10	25%	0	20	\$20,046
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4340	5020	680	16%	710	1390	\$31,810
53-7021	Crane and Tower Operators	80	80	0	0%	20	20	\$38,904
53-7032	Excavating and Loading Machine and Dragline Operators	190	190	0	0%	50	50	\$41,557
53-7072	Pump Operators, Except Wellhead Pumps	60	60	0	0%	20	20	NA
Short-term on-the-job training								
25-4031	Library Technicians	2,350	2,790	440	19%	1,050	1,490	\$21,060
25-9041	Teacher Assistants	22,090	28,280	6,190	28%	4,620	10,810	\$18,010
31-1011	Home Health Aides	7,580	11,290	3,710	49%	970	4,680	\$18,560

31-1012	Nursing Aides, Orderlies, and Attendants	30,130	37,670	7,540	25%	3,840	11,380	\$19,780
31-1013	Psychiatric Aides	730	980	250	34%	90	340	\$22,450
31-2012	Occupational Therapist Aides	130	170	40	31%	40	80	\$21,670
31-2022	Physical Therapist Aides	620	890	260	42%	180	440	\$23,980
31-9093	Medical Equipment Preparers	750	860	110	15%	200	310	\$21,470
31-9095	Pharmacy Aides	1,470	1,680	200	14%	390	590	\$17,410
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,360	1,910	560	41%	360	920	\$16,760
31-9099	Healthcare Support Workers, All Other	2,240	2,780	540	24%	590	1,130	\$24,280
33-3041	Parking Enforcement Workers	80	90	10	13%	10	20	\$20,850
33-9032	Security Guards	18,810	24,230	5,430	29%	5,130	10,560	\$20,070
33-9099	Protective Service Workers, All Other	1,620	2,050	430	27%	1,240	1,670	\$19,530
35-2011	Cooks, Fast Food	14,690	14,540	-150	-1%	4,180	4,180	\$14,440
35-2015	Cooks, Short Order	7,720	7,900	180	2%	2,190	2,370	\$15,680
35-2021	Food Preparation Workers	25,710	29,330	3,620	14%	9,920	13,540	\$16,020
35-3011	Bartenders	9,090	10,290	1,200	13%	3,590	4,790	\$16,260
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	60,110	79,220	19,120	32%	36,810	55,930	\$14,090
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	7,550	8,560	1,010	13%	5,850	6,860	\$14,850
35-3031	Waiters and Waitresses	40,960	49,040	8,080	20%	23,050	31,140	\$14,390
35-3041	Food Servers, Nonrestaurant	5,970	6,960	980	16%	2,650	3,630	\$15,880
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	9,390	8,640	-740	-8%	3,160	3,160	\$13,930
35-9021	Dishwashers	10,010	9,120	-890	-9%	3,760	3,760	\$14,480
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	6,830	7,820	1,000	15%	2,030	3,030	\$15,260
35-9099	Food Preparation and Serving Related Workers, All Other	2,110	2,020	-80	-4%	790	790	\$16,500
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	48,310	54,000	5,690	12%	8,730	14,420	\$19,690
37-2012	Maids and Housekeeping Cleaners	21,230	24,770	3,540	17%	4,610	8,150	\$15,610
37-3011	Landscaping and Groundskeeping Workers	16,990	21,950	4,970	29%	4,260	9,230	\$19,340
37-3013	Tree Trimmers and Pruners	450	520	70	16%	110	180	\$27,590
39-2021	Nonfarm Animal Caretakers	2,440	3,030	590	24%	510	1,100	\$16,510
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2,110	2,210	100	5%	1,690	1,790	\$13,600
39-3091	Amusement and Recreation Attendants	3,220	4,120	890	28%	1,080	1,970	\$15,150
39-4021	Funeral Attendants	830	980	150	18%	190	340	\$17,430
39-5093	Shampooers	60	70	10	17%	20	30	\$13,160
39-6011	Baggage Porters and Bellhops	650	640	-10	-2%	220	220	\$27,500
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	700	700	0	0%	240	240	\$28,450
39-9011	Child Care Workers	18,770	25,240	6,470	34%	6,370	12,840	\$16,420
39-9021	Personal and Home Care Aides	6,490	10,060	3,580	55%	990	4,570	\$18,550
41-2011	Cashiers	82,250	90,540	8,300	10%	37,640	45,940	\$15,230
41-2012	Gaming Change Persons and Booth Cashiers	730	1,060	330	45%	330	660	\$19,560
41-2021	Counter and Rental Clerks	10,050	11,710	1,670	17%	4,550	6,220	\$17,420
41-2031	Retail Salespersons	82,830	92,090	9,260	11%	31,500	40,760	\$20,680
41-9041	Telemarketers	11,480	13,430	1,950	17%	2,360	4,310	\$20,640
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	2,310	1,900	-410	-18%	590	590	\$32,350
43-2011	Switchboard Operators, Including Answering Service	4,780	3,790	-990	-21%	1,410	1,410	\$20,690
43-2021	Telephone Operators	860	550	-310	-36%	250	250	\$26,530
43-2099	Communications Equipment Operators, All Other	240	180	-60	-25%	80	80	\$26,710
43-3011	Bill and Account Collectors	7,470	9,230	1,770	24%	1,860	3,630	\$26,490
43-3021	Billing and Posting Clerks and Machine Operators	10,980	11,440	450	4%	2,690	3,140	\$25,280
43-3041	Gaming Cage Workers	1,090	1,390	300	28%	490	790	\$21,560
43-3051	Payroll and Timekeeping Clerks	5,070	4,880	-200	-4%	1,470	1,470	\$28,090
43-3061	Procurement Clerks	1,450	1,270	-180	-12%	330	330	\$26,250
43-3071	Tellers	12,790	11,740	-1,050	-8%	6,140	6,140	\$18,730
43-4021	Correspondence Clerks	690	760	70	10%	200	270	\$25,210
43-4031	Court, Municipal, and License Clerks	2,020	2,280	260	13%	320	580	\$21,700
43-4041	Credit Authorizers, Checkers, and Clerks	1,300	1,350	50	4%	120	170	\$25,360
43-4071	File Clerks	4,300	4,340	40	1%	1,370	1,410	\$19,210
43-4081	Hotel, Motel, and Resort Desk Clerks	3,610	4,720	1,110	31%	1,570	2,680	\$15,830
43-4111	Interviewers, Except Eligibility and Loan	2,500	3,250	750	30%	530	1,280	\$22,080
43-4121	Library Assistants, Clerical	3,490	4,290	790	23%	1,550	2,340	\$17,380
43-4131	Loan Interviewers and Clerks	3,350	2,500	-850	-25%	230	230	\$26,040
43-4151	Order Clerks	8,650	6,440	-2,210	-26%	1,830	1,830	\$24,570
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	3,310	3,770	460	14%	750	1,210	\$28,120
43-4171	Receptionists and Information Clerks	20,510	24,590	4,080	20%	4,520	8,600	\$19,850
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	1,690	1,790	100	6%	460	560	\$25,160
43-5021	Couriers and Messengers	2,530	2,260	-270	-11%	690	690	\$18,890
43-5051	Postal Service Clerks	1,490	1,520	40	3%	330	370	\$38,460
43-5052	Postal Service Mail Carriers	6,480	6,640	160	2%	1,960	2,120	\$37,650
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	5,770	5,490	-280	-5%	1,260	1,260	\$32,260
43-5061	Production, Planning, and Expediting Clerks	8,090	8,280	190	2%	1,350	1,540	\$34,760
43-5071	Shipping, Receiving, and Traffic Clerks	20,720	21,390	670	3%	4,170	4,840	\$23,670
43-5081	Stock Clerks and Order Fillers	40,430	40,580	150	0%	14,390	14,540	\$20,200
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1,990	2,110	120	6%	490	610	\$25,850
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	3,900	3,750	-160	-4%	1,140	1,140	\$23,010
43-9061	Office Clerks, General	49,560	55,340	5,780	12%	9,520	15,300	\$20,210
43-9071	Office Machine Operators, Except Computer	1,700	1,330	-370	-22%	600	600	\$22,410
43-9081	Proofreaders and Copy Markers	370	320	-50	-14%	130	130	\$21,670
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	1,130	1,210	80	7%	560	640	\$27,290
47-3012	Helpers--Carpenters	2,520	2,570	50	2%	1,250	1,300	\$22,820
47-3013	Helpers--Electricians	1,170	1,280	110	9%	580	690	\$23,950
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	340	380	40	12%	170	210	\$20,880
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	1,340	1,420	80	6%	660	740	\$22,480

47-3016	Helpers--Roofers	490	550	60	12%	240	300	\$20,500
47-3019	Helpers, Construction Trades, All Other	760	980	220	29%	380	600	\$23,980
47-5081	Helpers--Extraction Workers	350	320	-30	-9%	160	160	\$25,740
49-3093	Tire Repairers and Changers	2,220	2,330	110	5%	850	960	\$21,090
49-9096	Riggers	140	150	10	7%	30	40	\$34,730
49-9098	Helpers--Installation, Maintenance, and Repair Workers	3,630	4,030	400	11%	1,850	2,250	\$23,770
51-2021	Coil Winders, Tapers, and Finishers	1,580	1,540	-40	-3%	400	400	\$21,710
51-2022	Electrical and Electronic Equipment Assemblers	11,490	9,360	-2,130	-19%	2,940	2,940	\$21,590
51-2023	Electromechanical Equipment Assemblers	1,920	1,780	-140	-7%	490	490	\$22,100
51-2031	Engine and Other Machine Assemblers	6,240	5,940	-290	-5%	1,240	1,240	\$36,150
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	810	860	50	6%	200	250	\$17,750
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	290	260	-30	-10%	70	70	\$27,770
51-3092	Food Batchmakers	1,640	1,740	100	6%	400	500	\$23,370
51-3093	Food Cooking Machine Operators and Tenders	520	560	50	10%	90	140	\$20,530
51-6021	Pressers, Textile, Garment, and Related Materials	1,790	1,860	60	3%	250	310	\$18,210
51-6051	Sewers, Hand	300	290	-10	-3%	70	70	\$20,250
51-9031	Cutters and Trimmers, Hand	1,700	1,740	40	2%	300	340	\$24,880
51-9111	Packaging and Filling Machine Operators and Tenders	11,500	12,960	1,450	13%	2,520	3,970	\$24,020
51-9123	Painting, Coating, and Decorating Workers	1,130	1,290	160	14%	250	410	\$21,780
51-9132	Photographic Processing Machine Operators	1,780	1,920	140	8%	460	600	\$18,930
51-9198	Helpers--Production Workers	13,030	13,370	340	3%	3,280	3,620	\$21,240
53-2022	Airfield Operations Specialists	70	90	10	14%	30	40	\$39,490
53-3022	Bus Drivers, School	11,040	12,020	980	9%	2,810	3,790	\$24,740
53-3031	Driver/Sales Workers	8,050	8,330	280	3%	1,110	1,390	\$26,300
53-3033	Truck Drivers, Light or Delivery Services	23,160	26,360	3,200	14%	3,180	6,380	\$27,250
53-3041	Taxi Drivers and Chauffeurs	2,340	2,930	590	25%	190	780	\$17,600
53-3099	Motor Vehicle Operators, All Other	2,360	2,550	200	8%	400	600	\$22,040
53-4011	Locomotive Engineers	370	460	90	24%	170	260	\$38,820
53-4099	Rail Transportation Workers, All Other	120	110	-10	-8%	50	50	\$41,990
53-5011	Sailors and Marine Oilers	1,150	1,320	180	16%	390	570	\$31,230
53-6021	Parking Lot Attendants	1,060	1,280	220	21%	180	400	\$17,540
53-6031	Service Station Attendants	1,720	1,910	190	11%	880	1,070	\$16,120
53-6041	Traffic Technicians	50	60	10	20%	20	30	\$33,830
53-6099	Transportation Workers, All Other	380	440	60	16%	150	210	\$29,610
53-7011	Conveyor Operators and Tenders	1,960	2,050	90	5%	560	650	\$26,220
53-7031	Dredge Operators	90	90	0	0%	20	20	\$32,820
53-7033	Loading Machine Operators, Underground Mining	60	60	0	0%	20	20	\$30,370
53-7051	Industrial Truck and Tractor Operators	23,340	24,230	890	4%	3,240	4,130	\$27,860
53-7061	Cleaners of Vehicles and Equipment	7,500	8,550	1,050	14%	2,860	3,910	\$19,440
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	56,830	59,550	2,730	5%	18,970	21,700	\$22,550
53-7063	Machine Feeders and Offbearers	8,700	7,280	-1,430	-16%	3,020	3,020	\$24,310
53-7064	Packers and Packers, Hand	30,630	34,480	3,840	13%	7,810	11,650	\$18,920
53-7081	Refuse and Recyclable Material Collectors	3,300	3,880	580	18%	1,430	2,010	\$24,930
53-7199	Material Moving Workers, All Other	1,500	1,600	100	7%	410	510	\$23,910

- 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 11

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

Code	Occupational Title	Average Hourly Wage	Average Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	PERCENTILE									
								10th		25th		Median (50th)		75th		90th	
								Hourly	Annual								
00-0000	Total, All Occupations	\$15.40	\$32,042	\$7.78	\$16,181	\$19.22	\$39,973	\$6.81	\$14,156	\$8.95	\$18,613	\$12.61	\$26,235	\$18.71	\$38,922	\$26.52	\$55,153
11-0000	Management Occupations	\$35.70	\$74,249	\$17.57	\$36,555	\$44.76	\$93,096	\$14.59	\$30,351	\$21.70	\$45,141	\$31.07	\$64,620	\$43.31	\$90,088	\$64.29	\$133,725
11-1000	Top Executives	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-1011	Chief Executives	\$55.62	\$115,697	\$18.37	\$38,209	\$74.25	\$154,441	\$13.66	\$28,408	\$25.87	\$53,817	\$53.90	\$112,116	NA	NA	NA	NA
11-1021	General and Operations Managers	\$41.15	\$85,586	\$22.15	\$46,082	\$50.64	\$105,339	\$19.80	\$41,177	\$26.32	\$54,751	\$34.74	\$72,255	\$50.56	\$105,175	NA	NA
11-1031	Legislators	\$10.61	\$22,075	\$5.83	\$12,128	\$13.00	\$27,049	\$5.53	\$11,507	\$6.04	\$12,558	\$10.28	\$21,377	\$15.94	\$33,154	\$17.56	\$36,524
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-2011	Advertising and Promotions Managers	\$26.57	\$55,273	\$14.85	\$30,898	\$32.43	\$67,461	\$12.78	\$26,584	\$17.42	\$36,232	\$23.02	\$47,889	\$32.24	\$67,060	\$44.01	\$91,540
11-2021	Marketing Managers	\$40.49	\$84,212	\$25.12	\$52,259	\$48.17	\$100,188	\$22.22	\$46,226	\$29.07	\$60,474	\$38.24	\$79,547	\$48.64	\$101,177	\$61.59	\$128,103
11-2022	Sales Managers	\$42.82	\$89,058	\$22.83	\$47,485	\$52.81	\$109,845	\$20.26	\$42,139	\$26.15	\$54,401	\$39.04	\$81,208	\$52.13	\$108,427	NA	NA
11-2031	Public Relations Managers	\$31.90	\$66,358	\$20.02	\$41,645	\$37.84	\$78,715	\$18.09	\$37,620	\$22.26	\$46,301	\$29.61	\$61,588	\$37.20	\$77,379	\$48.78	\$101,457
11-3000	Operations Specialties Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3011	Administrative Services Managers	\$27.32	\$56,820	\$16.43	\$34,176	\$32.76	\$68,142	\$13.38	\$27,839	\$19.57	\$40,710	\$24.78	\$51,536	\$32.79	\$68,199	\$45.54	\$94,732
11-3021	Computer and Information Systems Managers	\$35.01	\$72,830	\$25.13	\$52,260	\$39.96	\$83,115	\$23.10	\$48,054	\$28.18	\$58,622	\$34.83	\$72,443	\$40.91	\$85,085	\$47.05	\$97,865
11-3031	Financial Managers	\$39.34	\$81,828	\$22.34	\$46,465	\$47.84	\$99,509	\$19.74	\$41,049	\$26.64	\$55,409	\$35.81	\$74,493	\$44.64	\$99,085	\$62.74	\$130,492
11-3040	Human Resources Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3051	Industrial Production Managers	\$32.51	\$67,611	\$22.82	\$47,461	\$37.35	\$77,686	\$21.19	\$44,069	\$25.18	\$52,372	\$31.76	\$66,060	\$38.85	\$80,808	\$45.32	\$94,267
11-3061	Purchasing Managers	\$32.64	\$67,894	\$20.99	\$43,663	\$38.47	\$80,010	\$18.67	\$38,836	\$24.22	\$50,386	\$32.04	\$66,633	\$40.36	\$83,949	\$50.39	\$104,812
11-3071	Transportation, Storage, and Distribution Managers	\$36.93	\$76,813	\$21.93	\$45,608	\$44.43	\$92,415	\$19.98	\$41,564	\$24.72	\$51,424	\$30.81	\$64,084	\$40.91	\$85,094	\$67.00	\$139,357
11-9000	Other Management Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9021	Construction Managers	\$35.30	\$73,423	\$20.77	\$43,197	\$42.57	\$88,536	\$15.67	\$32,586	\$24.72	\$51,425	\$31.17	\$64,840	\$40.34	\$83,899	\$55.86	\$115,766
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$17.32	\$36,021	\$11.21	\$23,307	\$20.37	\$42,378	\$10.34	\$21,511	\$11.98	\$24,917	\$14.14	\$29,419	\$19.16	\$39,854	\$32.32	\$67,236
11-9032	Education Administrators, Elementary and Secondary School	\$0.00	\$72,201	NA	\$59,502	NA	\$78,550	NA	\$56,999	NA	\$64,781	NA	\$73,533	NA	\$83,610	NA	\$90,534
11-9033	Education Administrators, Postsecondary	\$29.31	\$60,959	\$17.32	\$36,026	\$35.30	\$73,425	\$15.96	\$33,187	\$18.94	\$39,389	\$25.21	\$52,433	\$36.25	\$75,408	\$51.07	\$106,231
11-9041	Engineering Managers	\$36.53	\$75,982	\$25.92	\$53,908	\$41.84	\$87,019	\$23.69	\$49,282	\$29.04	\$60,397	\$36.08	\$75,039	\$42.82	\$89,067	\$51.84	\$107,824
11-9051	Food Service Managers	\$15.46	\$32,150	\$12.30	\$25,593	\$17.03	\$35,429	\$11.87	\$24,684	\$12.67	\$26,347	\$13.98	\$29,081	\$16.77	\$34,886	\$22.36	\$46,511
11-9061	Funeral Directors	\$57.82	\$120,256	\$17.77	\$36,956	\$77.84	\$161,907	\$15.85	\$32,970	\$18.72	\$38,932	\$42.79	\$88,993	NA	NA	NA	NA
11-9071	Gaming Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9081	Lodging Managers	\$20.25	\$42,116	\$17.84	\$37,107	\$21.45	\$44,621	\$16.65	\$34,631	\$18.38	\$38,220	\$20.18	\$41,974	\$22.00	\$45,766	\$24.98	\$51,956
11-9111	Medical and Health Services Managers	\$28.30	\$58,869	\$18.51	\$38,496	\$33.20	\$69,056	\$17.08	\$35,520	\$21.05	\$43,779	\$25.60	\$53,239	\$31.43	\$65,372	\$42.51	\$88,419
11-9121	Natural Sciences Managers	\$45.23	\$94,073	\$22.16	\$46,086	\$56.76	\$118,066	\$19.47	\$40,488	\$25.29	\$52,604	\$42.50	\$88,397	\$57.97	\$120,585	NA	NA
11-9131	Postmasters and Mail Superintendents	\$23.05	\$47,948	\$16.38	\$34,078	\$26.39	\$54,882	\$14.38	\$29,900	\$19.25	\$40,040	\$23.77	\$49,432	\$26.81	\$55,774	\$31.39	\$65,297
11-9141	Property, Real Estate, and Community Association Managers	\$22.99	\$47,823	\$10.47	\$21,769	\$29.25	\$60,850	\$7.78	\$16,187	\$13.13	\$27,314	\$19.56	\$40,679	\$26.53	\$55,172	\$42.55	\$88,507
11-9151	Social and Community Service Managers	\$19.22	\$39,970	\$12.99	\$27,011	\$22.33	\$46,449	\$12.05	\$25,056	\$14.20	\$29,545	\$17.74	\$36,905	\$22.82	\$47,476	\$28.88	\$60,075
11-9199	Managers, All Other	\$32.80	\$68,233	\$18.01	\$37,452	\$40.20	\$83,624	\$15.97	\$33,212	\$20.77	\$43,212	\$30.05	\$62,497	\$41.52	\$86,369	\$53.85	\$112,014
13-0000	Business and Financial Operations Occupations	\$22.75	\$47,314	\$12.60	\$26,203	\$27.82	\$57,869	\$11.30	\$23,503	\$14.68	\$30,526	\$20.48	\$42,605	\$27.62	\$57,456	\$36.83	\$76,600
13-1000	Business Operations Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	\$27.32	\$56,835	\$17.22	\$35,827	\$32.37	\$67,339	\$15.61	\$32,475	\$19.51	\$40,572	\$25.83	\$53,731	\$33.68	\$70,055	\$43.18	\$89,822
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$21.33	\$44,371	\$12.73	\$26,488	\$25.63	\$53,313	\$11.61	\$24,143	\$14.69	\$30,547	\$19.39	\$40,334	\$25.63	\$53,317	\$33.95	\$70,623
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$20.64	\$42,933	\$12.96	\$26,966	\$24.48	\$50,917	\$11.87	\$24,683	\$14.27	\$29,673	\$19.15	\$39,823	\$25.05	\$52,102	\$33.07	\$68,796
13-1031	Claims Adjusters, Examiners, and Investigators	\$24.18	\$50,286	\$14.15	\$29,426	\$29.19	\$60,716	\$13.19	\$27,444	\$15.49	\$32,209	\$19.70	\$40,977	\$26.09	\$54,264	\$38.27	\$79,602
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, or	\$20.01	\$41,617	\$13.40	\$27,880	\$23.31	\$48,486	\$12.24	\$25,463	\$14.64	\$30,456	\$17.10	\$35,563	\$24.72	\$51,414	\$32.57	\$67,751
13-1051	Cost Estimators	\$23.03	\$47,910	\$14.65	\$30,475	\$27.22	\$56,627	\$12.16	\$25,292	\$17.53	\$36,455	\$22.43	\$46,657	\$28.46	\$59,198	\$34.08	\$70,888
13-1061	Emergency Management Specialists	\$15.92	\$33,110	\$8.84	\$18,383	\$19.46	\$40,474	\$7.28	\$15,138	\$10.14	\$21,095	\$11.99	\$24,938	\$18.24	\$37,932	\$33.81	\$70,322
13-1071	Employment, Recruitment, and Placement Specialists	\$29.14	\$60,621	\$13.38	\$27,826	\$37.03	\$77,019	\$12.02	\$24,994	\$15.31	\$31,852	\$20.06	\$41,735	\$28.04	\$58,320	NA	NA
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$20.91	\$43,500	\$12.11	\$25,180	\$25.32	\$52,660	\$10.33	\$21,493	\$13.76	\$28,615	\$19.50	\$40,554	\$26.15	\$54,400	\$32.76	\$68,145
13-1073	Training and Development Specialists	\$20.11	\$41,835	\$12.12	\$25,210	\$24.11	\$50,148	\$10.30	\$21,422	\$14.50	\$30,164	\$19.19	\$39,908	\$23.91	\$49,738	\$33.11	\$68,863
13-1111	Management Analysts	\$32.03	\$66,620	\$16.80	\$34,949	\$39.64	\$82,455	\$15.22	\$31,654	\$19.57	\$40,705	\$26.71	\$55,555	\$38.74	\$80,581	\$54.33	\$113,005
13-1121	Meeting and Convention Planners	\$20.52	\$42,676	\$14.45	\$30,055	\$23.55	\$48,987	\$13.68	\$28,457	\$14.79	\$30,753	\$16.51	\$34,344	\$25.26	\$52,542	\$32.11	\$66,797
13-1199	Business Operations Specialists, All Other	\$21.20	\$44,105	\$11.08	\$23,049	\$26.27	\$54,633	\$10.24	\$21,292	\$12.17	\$25,310	\$17.92	\$37,281	\$28.08	\$58,413	\$36.64	\$76,201
13-2000	Financial Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2011	Accountants and Auditors	\$24.05	\$50,022	\$15.77	\$32,808	\$28.19	\$58,628	\$14.38	\$29,915	\$17.65	\$36,716	\$22.00	\$45,759	\$27.16	\$56,484	\$34.80	\$72,378
13-2021	Appraisers and Assessors of Real Estate	\$16.54	\$34,399	\$10.29	\$21,394	\$19.66	\$40,901	\$9.53	\$19,825	\$11.53	\$23,990	\$15.46	\$32,160	\$19.95	\$41,493	\$25.96	\$54,005
13-2031	Budget Analysts	\$24.29	\$50,530	\$16.28	\$33,862	\$28.30	\$58,862	\$14.23	\$29,602	\$18.89	\$39,281	\$25.76	\$53,571	\$29.85	\$62,089	\$33.12	\$68,890
13-2041	Credit Analysts	\$28.60	\$59,494	\$17.18	\$35,740	\$34.31	\$71,371	\$15.78	\$32,830	\$19.75	\$41,084	\$27.56	\$57,323	\$36.65	\$76,241	\$43.08	\$99,596
13-2051	Financial Analysts	\$28.90	\$60,109	\$16.41	\$34,130	\$35.14	\$73,099	\$14.51	\$30,187	\$18.81	\$39,119	\$29.56	\$61,481	\$39.21	\$79,483	\$43.20	\$90,051
13-2052	Personal Financial Advisors	\$27.55	\$57														

15-1021	Computer Programmers	\$25.02	\$52,044	\$16.47	\$34,253	\$29.30	\$60,939	\$15.25	\$31,714	\$18.39	\$38,243	\$23.84	\$49,583	\$30.41	\$63,245	\$38.68	\$80,451
15-1031	Computer Software Engineers, Applications	\$31.63	\$65,800	\$20.83	\$43,323	\$37.04	\$77,039	\$16.20	\$33,701	\$25.51	\$53,068	\$31.43	\$65,369	\$36.61	\$76,150	\$44.89	\$93,369
15-1032	Computer Software Engineers, Systems Software	\$33.98	\$70,684	\$21.19	\$44,070	\$40.38	\$83,991	\$18.68	\$38,864	\$24.99	\$51,973	\$37.98	\$79,001	\$42.68	\$88,772	\$45.57	\$94,779
15-1041	Computer Support Specialists	\$16.14	\$33,567	\$11.42	\$23,760	\$18.50	\$38,471	\$11.09	\$23,067	\$12.60	\$26,207	\$15.20	\$31,626	\$18.71	\$38,922	\$24.33	\$50,602
15-1051	Computer Systems Analysts	\$27.28	\$56,732	\$18.20	\$37,856	\$31.81	\$66,170	\$16.93	\$35,210	\$20.43	\$42,498	\$26.50	\$55,114	\$33.54	\$69,770	\$39.78	\$82,746
15-1061	Database Administrators	\$23.74	\$49,373	\$13.30	\$27,659	\$28.96	\$60,231	\$12.07	\$25,103	\$15.21	\$31,636	\$21.11	\$43,912	\$30.13	\$62,676	\$35.51	\$73,860
15-1071	Network and Computer Systems Administrators	\$23.59	\$49,073	\$16.41	\$34,133	\$27.18	\$56,542	\$14.99	\$31,176	\$18.03	\$37,498	\$23.01	\$47,851	\$26.95	\$56,600	\$32.85	\$68,335
15-1081	Network Systems and Data Communications Analysts	\$29.31	\$60,959	\$20.78	\$43,214	\$33.57	\$69,832	\$17.59	\$36,585	\$23.51	\$48,908	\$28.29	\$58,847	\$36.25	\$75,288	\$42.16	\$87,702
15-1099	Computer Specialists, All Other	\$20.51	\$42,669	\$7.63	\$15,880	\$26.95	\$56,064	\$5.90	\$12,279	\$9.73	\$20,236	\$19.29	\$40,125	\$26.67	\$55,466	\$40.45	\$84,136
15-2000	Mathematical Scientists	NA	NA														
15-2011	Actuaries	NA	NA														
15-2031	Operations Research Analysts	\$29.57	\$61,498	\$16.03	\$33,342	\$36.33	\$75,577	\$14.80	\$30,784	\$17.07	\$35,498	\$24.06	\$50,044	\$36.30	\$75,506	\$53.14	\$110,530
15-2041	Statisticians	NA	NA														
17-0000	Architecture and Engineering Occupations	\$23.93	\$49,780	\$14.58	\$30,334	\$28.61	\$59,503	\$12.90	\$26,629	\$16.75	\$34,835	\$22.99	\$47,820	\$29.42	\$61,187	\$37.74	\$78,496
17-1000	Architects, Surveyors, and Cartographers	NA	NA														
17-1011	Architects, Except Landscape and Naval	\$30.62	\$63,683	\$19.67	\$40,905	\$36.09	\$75,072	\$17.95	\$37,331	\$22.58	\$46,972	\$27.48	\$57,167	\$37.70	\$78,410	\$44.63	\$92,827
17-1022	Surveyors	\$15.77	\$32,801	\$10.61	\$22,062	\$18.35	\$38,171	\$9.96	\$20,710	\$11.93	\$24,810	\$14.98	\$31,161	\$17.86	\$37,158	\$24.61	\$44,944
17-2000	Engineers	NA	NA														
17-2031	Biomedical Engineers	NA	NA														
17-2041	Chemical Engineers	\$32.59	\$67,778	\$24.13	\$50,187	\$36.81	\$76,573	\$23.96	\$49,827	\$27.23	\$56,638	\$32.36	\$67,302	\$39.67	\$82,510	\$44.03	\$91,582
17-2051	Civil Engineers	\$27.45	\$57,097	\$20.77	\$43,211	\$30.79	\$64,040	\$19.33	\$40,206	\$22.15	\$46,081	\$25.64	\$53,336	\$30.51	\$63,459	\$40.47	\$84,171
17-2061	Computer Hardware Engineers	NA	NA														
17-2071	Electrical Engineers	\$28.54	\$59,368	\$22.32	\$46,424	\$31.65	\$65,840	\$20.87	\$43,404	\$23.75	\$49,399	\$26.94	\$56,039	\$33.76	\$70,214	\$40.82	\$84,910
17-2072	Electronics Engineers, Except Computer	\$31.72	\$65,983	\$23.82	\$49,552	\$35.67	\$74,198	\$22.46	\$46,708	\$25.93	\$53,936	\$32.33	\$67,249	\$38.20	\$79,463	\$41.94	\$87,240
17-2081	Environmental Engineers	\$32.61	\$67,820	\$25.21	\$52,440	\$36.30	\$75,509	\$23.94	\$49,789	\$27.32	\$56,822	\$31.78	\$66,092	\$37.20	\$77,756	\$44.72	\$93,026
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$29.10	\$60,529	\$20.60	\$42,845	\$33.35	\$69,370	\$19.32	\$40,182	\$22.52	\$46,849	\$28.38	\$59,028	\$35.82	\$74,497	\$41.70	\$86,742
17-2112	Industrial Engineers	\$26.96	\$56,068	\$17.01	\$45,475	\$31.93	\$66,417	\$13.66	\$28,420	\$20.23	\$42,084	\$26.48	\$55,073	\$34.70	\$72,168	\$40.79	\$84,848
17-2141	Mechanical Engineers	\$29.49	\$61,345	\$22.22	\$46,219	\$33.13	\$68,907	\$20.27	\$42,158	\$24.04	\$50,001	\$28.93	\$60,178	\$35.09	\$72,988	\$40.90	\$85,067
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	\$47.35	\$93,406	\$22.77	\$47,358	\$34.34	\$71,430	\$20.65	\$42,957	\$25.01	\$52,029	\$30.57	\$63,579	\$35.43	\$73,701	\$41.96	\$87,286
17-2199	Engineers, All Other	\$31.65	\$65,837	\$16.46	\$34,234	\$39.25	\$81,639	\$12.28	\$25,537	\$22.34	\$46,474	\$30.84	\$64,151	\$38.11	\$79,278	\$44.60	\$92,767
17-3000	Drafters, Engineering, and Mapping Technicians	NA	NA														
17-3011	Architectural and Civil Drafters	\$17.24	\$35,850	\$12.21	\$25,399	\$19.75	\$41,076	\$11.73	\$24,391	\$13.19	\$27,430	\$16.25	\$33,804	\$20.59	\$42,820	\$25.04	\$52,086
17-3012	Electrical and Electronics Drafters	NA	NA														
17-3013	Mechanical Drafters	\$17.10	\$35,569	\$12.82	\$26,665	\$19.24	\$40,020	\$11.56	\$24,053	\$14.32	\$29,784	\$16.82	\$34,986	\$20.22	\$42,068	\$22.70	\$47,221
17-3022	Civil Engineering Technicians	\$15.03	\$31,266	\$10.53	\$21,909	\$17.28	\$35,945	\$9.63	\$20,039	\$11.19	\$23,270	\$13.41	\$27,897	\$17.96	\$37,348	\$22.03	\$45,827
17-3023	Electrical and Electronic Engineering Technicians	\$22.64	\$47,089	\$15.88	\$33,026	\$26.02	\$54,121	\$14.56	\$30,289	\$18.06	\$37,570	\$22.37	\$46,524	\$26.30	\$54,703	\$31.83	\$66,209
17-3025	Environmental Engineering Technicians	NA	NA														
17-3026	Industrial Engineering Technicians	\$19.67	\$40,919	\$13.32	\$27,712	\$22.85	\$47,522	\$12.19	\$25,361	\$14.52	\$30,206	\$18.70	\$38,899	\$23.74	\$49,386	\$29.47	\$61,288
17-3027	Mechanical Engineering Technicians	\$21.86	\$45,459	\$15.05	\$31,298	\$25.26	\$52,540	\$12.65	\$26,312	\$18.07	\$37,589	\$23.17	\$48,185	\$26.36	\$54,835	\$28.64	\$59,577
17-3031	Surveying and Mapping Technicians	\$13.60	\$28,279	\$10.47	\$21,783	\$15.16	\$31,527	\$9.57	\$19,916	\$11.18	\$23,262	\$13.05	\$27,150	\$15.32	\$31,858	\$16.89	\$35,129
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	NA	NA														
19-0000	Life, Physical, and Social Science Occupations	\$23.08	\$48,013	\$13.22	\$27,507	\$28.01	\$58,266	\$11.99	\$24,935	\$15.26	\$31,743	\$20.19	\$41,996	\$28.41	\$59,098	\$39.99	\$83,180
19-1000	Life Scientists	NA	NA														
19-1010	Agricultural and Food Scientists	NA	NA														
19-1022	Microbiologists	NA	NA														
19-1031	Conservation Scientists	\$29.01	\$60,339	\$21.37	\$44,445	\$32.83	\$68,285	\$19.25	\$40,040	\$24.85	\$51,697	\$29.84	\$62,066	\$33.72	\$70,144	\$39.13	\$81,380
19-1042	Medical Scientists, Except Epidemiologists	NA	NA														
19-1099	Life Scientists, All Other	NA	NA														
19-2000	Physical Scientists	NA	NA														
19-2012	Physicists	NA	NA														
19-2031	Chemists	NA	NA														
19-2032	Materials Scientists	NA	NA														
19-2041	Environmental Scientists and Specialists, Including Health	\$25.14	\$52,294	\$16.46	\$34,239	\$29.48	\$61,321	\$14.98	\$31,160	\$18.48	\$38,437	\$23.34	\$48,549	\$30.59	\$63,633	\$37.97	\$78,976
19-2099	Physical Scientists, All Other	NA	NA														
19-3000	Social Scientists and Related Workers	NA	NA														
19-3011	Economists	NA	NA														
19-3021	Market Research Analysts	NA	NA														
19-3031	Clinical, Counseling, and School Psychologists	\$28.42	\$59,116	\$18.93	\$39,383	\$33.16	\$68,983	\$16.38	\$34,074	\$21.56	\$44,843	\$27.67	\$57,559	\$32.42	\$67,441	\$38.35	\$79,770
19-4000	Life, Physical, and Social Science Technicians	NA	NA														
19-4021	Biological Technicians	NA	NA														
19-4031	Chemical Technicians	NA	NA														
19-4091	Environmental Science and Protection Technicians, Including Health	\$14.56	\$30,281	\$10.11	\$21,025	\$16.78	\$34,908	\$9.47	\$19,703	\$11.05	\$22,993	\$14.33	\$29,800	\$17.65	\$36,717	\$20.76	\$43,184
19-4099	Life, Physical, and Social Science Technicians, All Other	\$19.13	\$39,784	\$13.40	\$27,863	\$21.99	\$45,745	\$12.49	\$25,970	\$14.66	\$30,485	\$18.19	\$37,831	\$21.75	\$45,244	\$28.17	\$58,599
21-0000	Community and Social Services Occupations	\$15.77	\$32,793	\$10.53	\$21,907	\$18.38	\$38,236	\$9.72	\$20,208	\$11.49	\$23,898	\$14.61	\$30,390	\$18.43	\$38,329	\$23.78	\$49,466
21-1000	Counselors, Social Workers, and Other Community and Social Service Spec	NA	NA														
21-1011	Substance Abuse and Behavioral Disorder Counselors	\$15.29	\$31,810	\$10.90	\$22,680	\$17.49	\$36,376	\$10.05	\$20,898	\$11.88	\$24,713	\$14.51	\$30,190	\$16.53	\$34,378	\$17.94	\$37,310
21-1012	Educational, Vocational, and School Counselors	\$20.35	\$42,324	\$14.12	\$29,362	\$23.46	\$48,805	\$13.45	\$27,983	\$16.00	\$33,272	\$19.53	\$40,627	\$24.95	\$51,900	\$30.08	\$62,569
21-1014	Mental Health Counselors	\$20.67	\$43,001	\$10.25	\$21,319	\$25.89	\$53,842	\$9.49	\$19,734	\$10.80	\$22,460	\$16.70	\$34,731	\$34.89	\$72,581	\$40.21	\$83,632
21-1015	Rehabilitation Counselors	\$12.75	\$26,519	\$10.08	\$20,976	\$14.08	\$29,291	\$9.42	\$19,597	\$10.07	\$20,946	\$11.15	\$23,194	\$14.41	\$29,981	\$18.14	\$37,735
21-1021	Child, Family, and School Social Workers	\$14.66	\$30,494	\$10.80	\$22,473	\$16.59	\$34,505	\$9.86	\$20,500	\$11.89	\$24,727	\$14.54	\$30,242	\$17.10	\$35,572	\$20.35	\$42,321
21-1022	Medical and Public Health Social Workers	\$16.42	\$34,164	\$13.46	\$28,006	\$17.91	\$37,243	\$12.45	\$25,888	\$14.25	\$29,638	\$16.06	\$33,407	\$18.38	\$38,240	\$21.20	\$44,089
21-1023	Mental Health and Substance Abuse Social Workers	\$17.99	\$37,429	\$13.99	\$29,106	\$20.00	\$41,591	\$12.96	\$26,964	\$14.91	\$31,011	\$17.30	\$35,976	\$20.77	\$43,192	\$24.86	\$51,701
21-1091	Health Educators	\$14.60	\$30,373	\$11.76	\$24,456	\$16.03	\$33,332	\$11.04	\$22,								

23-0000	Legal Occupations	\$21.71	\$45,161	\$10.38	\$21,592	\$27.38	\$56,946	\$9.43	\$19,622	\$12.16	\$25,297	\$16.59	\$34,516	\$25.38	\$52,785	\$40.08	\$83,373
23-1000	Lawyers, Judges, and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-1011	Lawyers	\$30.67	\$63,793	\$15.67	\$32,586	\$38.17	\$79,396	\$14.74	\$30,660	\$18.30	\$38,054	\$24.55	\$51,062	\$34.23	\$71,200	\$56.76	\$118,059
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-1022	Arbitrators, Mediators, and Conciliators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-1023	Judges, Magistrate Judges, and Magistrates	\$26.42	\$54,958	\$7.45	\$15,503	\$35.91	\$74,686	\$5.85	\$12,159	\$6.72	\$13,971	\$35.59	\$74,036	\$40.26	\$83,735	\$43.05	\$89,554
23-2000	Legal Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-2011	Paralegals and Legal Assistants	\$14.43	\$30,011	\$11.26	\$23,430	\$16.01	\$33,302	\$10.82	\$22,514	\$11.90	\$24,762	\$13.41	\$27,887	\$16.16	\$33,615	\$20.07	\$41,737
23-2091	Court Reporters	\$15.43	\$32,093	\$11.49	\$23,895	\$17.40	\$36,192	\$10.69	\$22,230	\$12.06	\$25,082	\$13.91	\$28,926	\$18.50	\$38,480	\$23.08	\$47,998
23-2092	Law Clerks	\$14.24	\$29,624	\$9.33	\$19,402	\$17.70	\$34,735	\$6.83	\$14,215	\$11.48	\$23,872	\$13.46	\$27,990	\$17.90	\$37,241	\$21.10	\$43,888
23-2093	Title Examiners, Abstractors, and Searchers	\$14.16	\$29,457	\$9.56	\$19,893	\$16.46	\$34,240	\$9.01	\$18,732	\$9.71	\$20,206	\$10.96	\$22,801	\$15.29	\$31,812	\$22.73	\$47,284
23-9000	Miscellaneous Legal & Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-9099	Legal and Related Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-0000	Education, Training, and Library Occupations	\$19.07	\$39,657	\$9.40	\$19,543	\$23.90	\$49,714	\$7.51	\$15,619	\$11.57	\$24,065	\$18.38	\$38,238	\$25.03	\$52,070	\$29.81	\$62,000
25-1000	Postsecondary Teachers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1011	Business Teachers, Postsecondary	\$0.00	\$60,414	NA	\$29,457	NA	\$75,893	NA	\$28,014	NA	\$32,463	NA	\$52,769	NA	\$81,642	NA	\$111,685
25-1021	Computer Science Teachers, Postsecondary	\$0.00	\$60,363	NA	\$34,549	NA	\$73,271	NA	\$31,743	NA	\$38,575	NA	\$53,410	NA	\$74,533	NA	\$103,093
25-1022	Mathematical Science Teachers, Postsecondary	\$0.00	\$56,544	NA	\$35,529	NA	\$67,051	NA	\$32,288	NA	\$39,282	NA	\$52,646	NA	\$69,259	NA	\$89,373
25-1032	Engineering Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1042	Biological Science Teachers, Postsecondary	\$0.00	\$69,951	NA	\$37,637	NA	\$86,108	NA	\$37,585	NA	\$42,761	NA	\$59,653	NA	\$87,508	NA	\$116,976
25-1052	Chemistry Teachers, Postsecondary	\$0.00	\$47,823	NA	\$33,035	NA	\$55,217	NA	\$30,125	NA	\$35,262	NA	\$46,874	NA	\$54,949	NA	\$71,696
25-1065	Political Science Teachers, Postsecondary	\$0.00	\$58,291	NA	\$36,403	NA	\$69,235	NA	\$33,409	NA	\$39,098	NA	\$51,588	NA	\$75,521	NA	\$99,091
25-1066	Psychology Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1071	Health Specialties Teachers, Postsecondary	\$0.00	\$58,329	NA	\$31,019	NA	\$71,984	NA	\$29,008	NA	\$34,304	NA	\$49,440	NA	\$66,069	NA	\$105,266
25-1072	Nursing Instructors and Teachers, Postsecondary	\$0.00	\$50,432	NA	\$36,791	NA	\$57,253	NA	\$33,014	NA	\$39,721	NA	\$47,330	NA	\$57,926	NA	\$71,665
25-1081	Education Teachers, Postsecondary	\$0.00	\$46,949	NA	\$30,854	NA	\$54,997	NA	\$28,214	NA	\$35,089	NA	\$43,609	NA	\$55,765	NA	\$72,568
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	\$0.00	\$47,224	NA	\$32,911	NA	\$54,380	NA	\$31,578	NA	\$35,021	NA	\$42,190	NA	\$54,031	NA	\$73,182
25-1121	Art, Drama, and Music Teachers, Postsecondary	\$0.00	\$51,710	NA	\$33,620	NA	\$60,754	NA	\$30,963	NA	\$36,404	NA	\$43,680	NA	\$59,368	NA	\$81,823
25-1122	Communications Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1123	English Language and Literature Teachers, Postsecondary	\$0.00	\$45,089	NA	\$30,673	NA	\$52,297	NA	\$28,746	NA	\$32,832	NA	\$39,905	NA	\$55,411	NA	\$71,328
25-1124	Foreign Language and Literature Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1125	History Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1126	Philosophy and Religion Teachers, Postsecondary	\$0.00	\$48,136	NA	\$36,556	NA	\$53,925	NA	\$34,591	NA	\$37,916	NA	\$42,123	NA	\$51,791	NA	\$74,430
25-1191	Graduate Teaching Assistants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1194	Vocational Education Teachers, Postsecondary	\$18.82	\$39,147	\$9.54	\$19,840	\$23.46	\$48,801	\$7.39	\$15,362	\$12.62	\$26,252	\$17.71	\$36,831	\$26.13	\$54,354	\$31.42	\$65,360
25-1199	Postsecondary Teachers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2000	Primary, Secondary, and Special Education School Teachers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2011	Preschool Teachers, Except Special Education	\$9.50	\$19,760	\$6.60	\$13,726	\$10.95	\$22,777	\$6.08	\$12,656	\$7.16	\$14,888	\$8.59	\$17,874	\$11.39	\$23,696	\$13.90	\$28,905
25-2012	Kindergarten Teachers, Except Special Education	\$0.00	\$43,613	NA	\$28,592	NA	\$51,124	NA	\$25,997	NA	\$32,764	NA	\$45,995	NA	\$54,150	NA	\$59,663
25-2021	Elementary School Teachers, Except Special Education	\$0.00	\$45,907	NA	\$33,304	NA	\$52,209	NA	\$30,959	NA	\$36,718	NA	\$47,824	NA	\$54,282	NA	\$59,468
25-2022	Middle School Teachers, Except Special and Vocational Education	\$0.00	\$43,097	NA	\$32,608	NA	\$48,342	NA	\$30,891	NA	\$34,943	NA	\$41,051	NA	\$50,734	NA	\$60,673
25-2023	Vocational Education Teachers, Middle School	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	\$0.00	\$45,640	NA	\$31,625	NA	\$52,648	NA	\$29,969	NA	\$34,684	NA	\$47,140	NA	\$55,059	NA	\$63,888
25-2032	Vocational Education Teachers, Secondary School	\$0.00	\$48,935	NA	\$37,246	NA	\$54,779	NA	\$35,655	NA	\$40,590	NA	\$48,571	NA	\$55,865	NA	\$66,363
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2042	Special Education Teachers, Middle School	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2043	Special Education Teachers, Secondary School	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3000	Other Teachers and Instructors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3021	Self-Enrichment Education Teachers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4000	Librarians, Curators, and Archivists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4021	Librarians	\$19.25	\$40,041	\$13.22	\$27,493	\$22.27	\$46,316	\$12.19	\$25,361	\$14.67	\$30,505	\$19.18	\$39,901	\$23.43	\$48,741	\$27.35	\$56,879
25-4031	Library Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-9000	Other Education, Training, and Library Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-9011	Audio-Visual Collections Specialists	\$17.99	\$37,412	\$10.75	\$22,360	\$21.60	\$44,938	\$8.80	\$18,307	\$12.81	\$26,640	\$18.00	\$37,444	\$20.92	\$43,515	\$30.00	\$62,398
25-9031	Instructional Coordinators	\$27.47	\$57,139	\$14.97	\$31,144	\$33.72	\$70,136	\$8.03	\$16,705	\$21.74	\$45,209	\$28.71	\$59,707	\$33.29	\$69,242	\$38.58	\$80,239
25-9041	Teacher Assistants	\$0.00	\$17,877	NA	\$13,193	NA	\$20,219	NA	\$12,531	NA	\$14,294	NA	\$16,924	NA	\$20,657	NA	\$26,026
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$13.92	\$28,957	\$7.49	\$15,572	\$17.14	\$35,649	\$6.46	\$13,426	\$8.67	\$18,042	\$12.13	\$25,236	\$17.25	\$35,888	\$23.88	\$49,674
27-1000	Art and Design Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1011	Art Directors	\$19.86	\$41,299	\$15.28	\$31,785	\$22.14	\$46,056	\$14.31	\$29,755	\$15.15	\$31,511	\$16.54	\$34,412	\$24.24	\$50,415	\$30.71	\$63,872
27-1014	Multi-Media Artists and Animators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1021	Commercial and Industrial Designers	\$22.49	\$46,772	\$15.31	\$31,837	\$26.08	\$54,239	\$12.60	\$26,207	\$18.18	\$37,810	\$22.32	\$46,427	\$27.41	\$57,007	\$32.80	\$68,232
27-1023	Floral Designers	\$8.24	\$17,146	\$6.19	\$12,873	\$9.27	\$19,282	\$5.91	\$12,291	\$6.74	\$14,028	\$8.04	\$16,724	\$9.78	\$20,349	\$11.09	\$23,073
27-1024	Graphic Designers	\$15.93	\$33,131	\$10.31	\$21,444	\$18.74	\$38,974	\$9.69	\$20,154	\$10.97	\$22,824	\$13.34	\$27,749	\$17.32	\$36,035	\$24.19	\$50,317
27-1025	Interior Designers	\$14.26	\$29,654	\$8.01	\$16,669	\$17.38	\$36,147	\$7.64	\$15,890	\$8.35	\$17,369	\$12.62	\$26,249	\$18.47	\$38,417	\$24.90	\$51,791
27-1026	Merchandise Displayers and Window Trimmers	\$11.82	\$24,585	\$7.96	\$16,562	\$13.75	\$28,596	\$7.47									

33-2000	Fire Fighting and Prevention Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-2011	Fire Fighters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-2021	Fire Inspectors and Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-3000	Law Enforcement Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-3011	Bailiffs	\$12.27	\$25,521	\$8.48	\$17,648	\$14.16	\$29,457	\$7.35	\$15,291	\$9.98	\$20,767	\$13.03	\$27,096	\$15.04	\$31,283	\$16.30	\$33,914	\$33,914	\$33,914
33-3012	Correctional Officers and Jailers	\$13.26	\$27,587	\$11.87	\$24,689	\$13.96	\$29,036	\$11.20	\$23,290	\$11.93	\$24,812	\$13.10	\$27,245	\$14.81	\$30,813	\$16.31	\$33,921	\$33,921	\$33,921
33-3021	Detectives and Criminal Investigators	\$23.42	\$48,715	\$13.49	\$28,062	\$28.39	\$59,042	\$12.59	\$26,182	\$14.18	\$29,493	\$18.14	\$37,734	\$33.70	\$70,087	\$39.61	\$82,395	\$82,395	\$82,395
33-3031	Fish and Game Wardens	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-3051	Police and Sheriff's Patrol Officers	\$15.52	\$32,291	\$12.40	\$25,799	\$17.08	\$35,536	\$11.77	\$24,485	\$12.72	\$26,462	\$14.54	\$30,251	\$17.51	\$36,429	\$21.37	\$44,448	\$44,448	\$44,448
33-9000	Other Protective Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-9011	Animal Control Workers	\$9.91	\$20,622	\$6.92	\$14,391	\$11.41	\$23,737	\$6.59	\$13,708	\$7.48	\$15,560	\$9.98	\$20,752	\$12.32	\$25,635	\$13.65	\$28,383	\$28,383	\$28,383
33-9031	Gaming Surveillance Officers and Gaming Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-9032	Security Guards	\$10.52	\$21,890	\$7.24	\$15,067	\$12.16	\$25,301	\$6.87	\$14,295	\$7.74	\$16,091	\$9.07	\$18,861	\$11.76	\$24,457	\$18.56	\$38,601	\$38,601	\$38,601
33-9091	Crossing Guards	\$6.16	\$12,814	\$5.91	\$12,298	\$6.28	\$13,072	\$5.46	\$11,348	\$5.71	\$11,876	\$6.13	\$12,756	\$6.56	\$13,635	\$6.87	\$14,283	\$14,283	\$14,283
33-9099	Protective Service Workers, All Other	\$12.57	\$26,153	\$9.06	\$18,835	\$14.33	\$29,812	\$8.72	\$18,141	\$9.66	\$20,101	\$11.09	\$23,075	\$13.06	\$27,157	\$20.54	\$42,726	\$42,726	\$42,726
35-0000	Food Preparation and Serving Related Occupations	\$7.67	\$15,944	\$6.00	\$12,476	\$8.50	\$17,679	\$5.66	\$11,775	\$6.16	\$12,808	\$7.02	\$14,597	\$8.57	\$17,832	\$10.74	\$22,333	\$22,333	\$22,333
35-1000	Supervisors, Food Preparation and Serving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-1011	Chefs and Head Cooks	\$12.25	\$25,483	\$8.39	\$17,458	\$14.18	\$29,495	\$7.72	\$16,064	\$8.86	\$18,436	\$10.32	\$21,473	\$15.37	\$31,962	\$17.73	\$36,880	\$36,880	\$36,880
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$12.00	\$24,964	\$8.50	\$17,683	\$13.75	\$28,605	\$7.73	\$16,084	\$9.56	\$19,895	\$11.88	\$24,701	\$13.53	\$28,145	\$16.71	\$34,747	\$34,747	\$34,747
35-2000	Cooks and Food Preparation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-2011	Cooks, Fast Food	\$6.99	\$14,542	\$6.05	\$12,582	\$7.46	\$15,521	\$5.67	\$11,799	\$6.13	\$12,755	\$6.91	\$14,365	\$7.96	\$16,566	\$8.63	\$17,956	\$17,956	\$17,956
35-2012	Cooks, Institution and Cafeteria	\$9.09	\$18,910	\$6.93	\$14,418	\$10.17	\$21,156	\$6.40	\$13,306	\$7.53	\$15,654	\$9.19	\$19,119	\$10.71	\$22,275	\$12.00	\$24,966	\$24,966	\$24,966
35-2014	Cooks, Restaurant	\$9.15	\$19,024	\$7.28	\$15,143	\$10.08	\$20,964	\$6.95	\$14,453	\$7.92	\$16,476	\$9.19	\$19,122	\$10.33	\$21,483	\$11.20	\$23,290	\$23,290	\$23,290
35-2015	Cooks, Short Order	\$6.76	\$14,058	\$6.04	\$12,573	\$7.12	\$14,801	\$5.61	\$11,674	\$5.98	\$12,442	\$6.60	\$13,723	\$7.38	\$15,346	\$8.43	\$17,529	\$17,529	\$17,529
35-2021	Food Preparation Workers	\$7.64	\$15,893	\$5.98	\$12,431	\$8.47	\$17,625	\$5.74	\$11,943	\$6.39	\$12,285	\$7.42	\$15,441	\$8.53	\$17,736	\$10.18	\$21,165	\$21,165	\$21,165
35-3000	Food and Beverage Serving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-3011	Bartenders	\$7.51	\$15,629	\$5.97	\$12,413	\$8.29	\$17,236	\$5.75	\$11,954	\$6.44	\$13,389	\$7.44	\$15,485	\$8.37	\$17,405	\$9.68	\$20,145	\$20,145	\$20,145
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.82	\$14,175	\$6.00	\$12,475	\$7.22	\$15,026	\$5.57	\$11,595	\$5.94	\$12,350	\$6.54	\$13,609	\$7.46	\$15,521	\$8.67	\$18,033	\$18,033	\$18,033
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$6.93	\$14,416	\$5.97	\$12,420	\$7.41	\$15,415	\$5.61	\$11,669	\$6.06	\$12,599	\$6.81	\$14,170	\$7.91	\$16,446	\$8.61	\$17,917	\$17,917	\$17,917
35-3031	Waiters and Waitresses	\$6.68	\$13,886	\$5.99	\$12,458	\$7.02	\$14,599	\$5.54	\$11,533	\$5.86	\$12,198	\$6.40	\$13,308	\$6.98	\$14,526	\$8.51	\$17,696	\$17,696	\$17,696
35-3041	Food Servers, Nonrestaurant	\$7.47	\$15,544	\$5.85	\$12,177	\$8.28	\$17,227	\$5.53	\$11,506	\$6.00	\$12,485	\$6.80	\$14,152	\$8.89	\$18,481	\$10.45	\$21,746	\$21,746	\$21,746
35-9000	Other Food Preparation and Serving Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.25	\$13,006	\$5.92	\$12,320	\$6.42	\$13,349	\$5.47	\$11,373	\$5.75	\$11,965	\$6.23	\$12,952	\$6.70	\$13,939	\$7.56	\$15,730	\$15,730	\$15,730
35-9021	Dishwashers	\$7.20	\$14,980	\$5.98	\$12,443	\$7.81	\$16,249	\$5.71	\$11,875	\$6.30	\$13,104	\$7.18	\$14,926	\$8.13	\$16,910	\$8.98	\$18,688	\$18,688	\$18,688
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$7.80	\$16,234	\$5.98	\$12,432	\$8.72	\$18,135	\$5.75	\$11,955	\$6.41	\$13,328	\$7.52	\$15,636	\$8.54	\$17,753	\$10.26	\$21,334	\$21,334	\$21,334
35-9099	Food Preparation and Serving Related Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$9.94	\$20,666	\$6.93	\$14,424	\$11.44	\$23,786	\$6.39	\$13,294	\$7.52	\$15,641	\$9.03	\$18,787	\$11.59	\$24,102	\$15.00	\$31,201	\$31,201	\$31,201
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$14.10	\$29,333	\$9.40	\$19,549	\$16.45	\$34,225	\$8.88	\$18,475	\$10.32	\$21,457	\$13.40	\$27,866	\$17.36	\$36,114	\$20.73	\$43,120	\$43,120	\$43,120
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Ground	\$15.57	\$32,384	\$10.62	\$22,084	\$18.05	\$37,534	\$9.79	\$20,365	\$11.87	\$24,685	\$14.98	\$31,164	\$17.83	\$37,088	\$22.73	\$47,278	\$47,278	\$47,278
37-2000	Building Cleaning and Pest Control Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$9.86	\$20,506	\$7.20	\$14,984	\$11.19	\$23,266	\$6.86	\$14,265	\$7.73	\$16,082	\$9.14	\$19,004	\$11.53	\$23,974	\$14.13	\$29,382	\$29,382	\$29,382
37-2012	Maids and Housekeeping Cleaners	\$7.73	\$16,070	\$6.03	\$12,545	\$8.57	\$17,833	\$5.79	\$12,039	\$6.50	\$13,523	\$7.54	\$15,693	\$8.59	\$17,872	\$10.42	\$21,673	\$21,673	\$21,673
37-2021	Pest Control Workers	\$13.76	\$28,613	\$8.01	\$16,651	\$16.63	\$34,594	\$6.19	\$12,878	\$10.09	\$20,997	\$14.02	\$29,162	\$17.53	\$36,465	\$20.56	\$42,770	\$42,770	\$42,770
37-3000	Grounds Maintenance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-3011	Landscaping and Groundskeeping Workers	\$9.63	\$20,035	\$6.55	\$13,617	\$11.17	\$23,244	\$6.03	\$12,546	\$7.16	\$14,897	\$9.07	\$18,865	\$11.20	\$23,288	\$14.10	\$29,325	\$29,325	\$29,325
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-3013	Tree Trimmers and Pruners	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES C	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-0000	Personal Care and Service Occupations	\$9.29	\$19,322	\$6.08	\$12,652	\$10.89	\$22,657	\$5.82	\$12,111	\$6.60	\$13,733	\$8.30	\$17,272	\$10.81	\$22,481	\$13.95	\$29,007	\$29,007	\$29,007
39-1000	Supervisors, Personal Care and Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-1011	Gaming Supervisors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-1012	Slot Key Persons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$12.97	\$26,968	\$10.03	\$20,858	\$14.43	\$30,023	\$9.49	\$19,732	\$10.66	\$22,176	\$12.18	\$25,335	\$13.87	\$28,848	\$17.34	\$36,057	\$36,057	\$36,057
39-2000	Animal Care and Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-2021	Nonfarm Animal Caretakers	\$9.13	\$18,997	\$6.04	\$12,554	\$10.68	\$22,218	\$5.79	\$12,050	\$6.44	\$13,402	\$8.57	\$17,822	\$10.33	\$21,482	\$12.79	\$26,593	\$26,593	\$26,593
39-3000	Entertainment Attendants and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3011	Gaming Dealers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3021	Motion Picture Projectionists	\$7.53	\$15,664	\$6.65	\$13,834	\$7.97	\$16,579	\$6.18	\$12,863	\$7.02	\$14,611	\$7.69	\$15,990	\$8.29	\$17,243	\$8.82	\$18,335	\$18,335	\$18,335
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$6.61	\$13,739	\$5.94	\$12,352	\$6.94	\$14,433	\$5.53	\$11,511	\$5.89	\$12,258	\$6.49	\$13,503	\$7.30	\$15,194	\$8.22	\$17,102	\$17,102	\$17,102
39-3091	Amusement and Recreation Attendants	\$6.72	\$13,978	\$6.00	\$12,475	\$7.08	\$14,729	\$5.56	\$11,575	\$5.91	\$12,285	\$6.48	\$13,470	\$7.16	\$14,887	\$8.61	\$17,917	\$17,917	\$17,917
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3199	Gaming Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-4000	Funeral Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-4021	Funeral Attendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-5000	Personal Appearance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-5011	Barbers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$10.54	\$21,929	\$6.98	\$14,522	\$12.32	\$25,632	\$6.43	\$13,365										

41-1000	Supervisors, Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$16.00	\$33,287	\$9.90	\$20,594	\$19.05	\$39,633	\$8.95	\$18,612	\$11.15	\$23,193	\$13.64	\$28,380	\$19.28	\$40,095	\$26.20	\$54,504		
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$32.77	\$68,153	\$18.29	\$38,046	\$40.00	\$83,206	\$16.89	\$35,140	\$21.44	\$44,593	\$29.53	\$61,418	\$40.65	\$84,543	\$54.16	\$112,661		
41-2000	Retail Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-2011	Cashiers	\$7.20	\$14,977	\$5.98	\$12,443	\$7.81	\$16,244	\$5.65	\$11,756	\$6.13	\$12,751	\$6.95	\$14,463	\$8.17	\$16,984	\$9.21	\$19,155		
41-2021	Counter and Rental Clerks	\$9.15	\$19,024	\$6.17	\$12,844	\$10.63	\$22,115	\$5.88	\$12,229	\$6.51	\$13,538	\$7.84	\$16,297	\$10.31	\$21,441	\$13.25	\$27,557		
41-2022	Parts Salespersons	\$11.61	\$24,139	\$7.01	\$14,589	\$13.90	\$28,914	\$6.17	\$12,834	\$8.07	\$16,796	\$11.90	\$24,753	\$14.62	\$30,413	\$16.88	\$35,116		
41-2031	Retail Salespersons	\$10.36	\$21,553	\$6.36	\$13,224	\$12.36	\$25,717	\$5.98	\$12,438	\$6.89	\$14,325	\$8.36	\$17,398	\$11.20	\$23,298	\$17.16	\$35,699		
41-3000	Sales Representatives, Services	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-3011	Advertising Sales Agents	\$21.70	\$45,128	\$11.65	\$24,230	\$26.72	\$55,577	\$10.89	\$22,660	\$13.26	\$27,583	\$17.82	\$37,068	\$26.46	\$55,034	\$38.79	\$80,674		
41-3021	Insurance Sales Agents	\$28.80	\$59,897	\$11.65	\$24,227	\$37.37	\$77,732	\$10.10	\$21,003	\$13.75	\$28,609	\$18.44	\$38,365	\$31.32	\$65,136	NA	NA	NA	NA
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$39.83	\$82,853	\$12.96	\$26,953	\$53.27	\$110,803	\$12.38	\$25,753	\$14.06	\$29,251	\$28.44	\$69,148	\$53.75	\$110,558	NA	NA	NA	NA
41-3041	Travel Agents	\$11.87	\$24,681	\$7.97	\$16,577	\$13.81	\$28,733	\$7.44	\$15,485	\$8.79	\$18,279	\$11.47	\$23,867	\$13.72	\$28,531	\$18.44	\$38,357		
41-4000	Sales Representatives, Wholesale and Manufacturing	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	\$28.26	\$58,782	\$18.40	\$38,279	\$33.19	\$69,034	\$17.19	\$35,765	\$20.88	\$43,427	\$26.26	\$54,613	\$33.61	\$69,915	\$42.37	\$88,134		
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific	\$21.28	\$44,270	\$11.91	\$24,775	\$25.97	\$54,018	\$10.84	\$22,545	\$13.69	\$28,478	\$17.74	\$36,906	\$25.68	\$53,419	\$37.74	\$78,505		
41-9000	Other Sales and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9011	Demonstrators and Product Promoters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9012	Models	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9021	Real Estate Brokers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9022	Real Estate Sales Agents	\$15.32	\$31,856	\$6.82	\$14,186	\$19.56	\$40,690	\$6.14	\$12,771	\$7.72	\$16,048	\$10.70	\$22,266	\$15.25	\$31,714	\$33.78	\$70,268		
41-9031	Sales Engineers	\$30.32	\$63,059	\$21.57	\$44,860	\$34.69	\$72,158	\$20.06	\$41,732	\$23.97	\$49,856	\$28.32	\$58,908	\$37.18	\$77,342	\$44.40	\$92,347		
41-9041	Telemarketers	\$10.12	\$21,046	\$6.80	\$14,151	\$11.78	\$24,493	\$6.28	\$13,066	\$7.33	\$15,253	\$9.12	\$18,962	\$12.03	\$25,026	\$13.95	\$29,024		
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9099	Sales and Related Workers, All Other	\$17.82	\$37,057	\$10.44	\$21,719	\$21.50	\$44,726	\$8.19	\$17,033	\$12.80	\$26,629	\$15.90	\$33,079	\$23.33	\$48,520	\$28.32	\$58,910		
43-0000	Office and Administrative Support Occupations	\$12.06	\$25,092	\$7.94	\$16,517	\$14.13	\$29,380	\$7.16	\$14,897	\$8.92	\$18,545	\$11.12	\$23,123	\$14.11	\$29,348	\$18.26	\$37,972		
43-1000	Supervisors, Office and Administrative Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$18.35	\$38,173	\$11.87	\$24,696	\$21.59	\$44,912	\$11.08	\$23,041	\$13.46	\$28,007	\$16.99	\$35,333	\$21.59	\$44,897	\$27.34	\$56,863		
43-2000	Communications Equipment Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-2011	Switchboard Operators, Including Answering Service	\$9.62	\$20,004	\$7.25	\$15,084	\$10.80	\$22,463	\$6.81	\$14,159	\$8.09	\$16,834	\$9.66	\$20,091	\$10.86	\$22,597	\$12.63	\$26,260		
43-3000	Financial Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-3011	Bill and Account Collectors	\$11.60	\$24,133	\$8.99	\$18,694	\$12.91	\$26,853	\$8.43	\$17,542	\$9.62	\$20,018	\$11.27	\$23,434	\$13.09	\$27,227	\$15.47	\$32,172		
43-3021	Billing and Posting Clerks and Machine Operators	\$11.84	\$24,626	\$9.61	\$19,981	\$12.96	\$26,948	\$9.19	\$19,108	\$10.00	\$20,794	\$11.36	\$23,633	\$13.38	\$27,836	\$15.96	\$33,194		
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$11.99	\$24,948	\$8.57	\$17,819	\$13.71	\$28,513	\$7.73	\$16,075	\$9.61	\$19,987	\$11.74	\$24,422	\$13.92	\$28,960	\$16.73	\$34,790		
43-3041	Gaming Cage Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-3051	Payroll and Timekeeping Clerks	\$13.37	\$27,816	\$10.38	\$21,581	\$14.87	\$30,934	\$9.70	\$20,180	\$11.18	\$23,265	\$12.88	\$26,800	\$15.22	\$31,655	\$18.03	\$37,510		
43-3061	Procurement Clerks	\$13.63	\$28,359	\$10.21	\$21,235	\$15.35	\$31,921	\$9.70	\$20,182	\$11.08	\$23,044	\$13.14	\$27,334	\$16.23	\$33,750	\$18.21	\$37,879		
43-3071	Tellers	\$9.25	\$19,231	\$7.92	\$16,467	\$9.91	\$20,613	\$7.55	\$15,705	\$8.29	\$17,236	\$9.23	\$19,189	\$10.34	\$21,510	\$11.15	\$23,195		
43-4000	Information and Record Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4011	Brokerage Clerks	\$14.08	\$29,279	\$9.63	\$20,027	\$16.30	\$33,905	\$8.68	\$18,060	\$10.96	\$22,804	\$13.28	\$27,622	\$16.08	\$33,451	\$19.52	\$40,595		
43-4021	Correspondence Clerks	\$14.18	\$29,504	\$9.93	\$20,661	\$16.31	\$33,926	\$9.51	\$19,781	\$10.44	\$21,716	\$12.44	\$25,883	\$16.22	\$33,732	\$21.09	\$43,872		
43-4031	Court, Municipal, and License Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4041	Credit Authorizers, Checkers, and Clerks	\$14.89	\$30,968	\$9.42	\$19,596	\$17.62	\$36,655	\$8.70	\$18,101	\$10.44	\$21,724	\$13.72	\$28,536	\$17.62	\$36,657	\$22.98	\$47,794		
43-4051	Customer Service Representatives	\$13.70	\$28,492	\$9.23	\$19,203	\$15.93	\$33,137	\$8.75	\$18,202	\$10.29	\$21,408	\$12.73	\$26,475	\$16.56	\$34,447	\$21.03	\$43,741		
43-4061	Eligibility Interviewers, Government Programs	\$12.43	\$25,859	\$11.26	\$23,413	\$13.02	\$27,082	\$10.34	\$21,513	\$11.62	\$24,164	\$12.58	\$26,156	\$13.53	\$28,149	\$14.35	\$29,842		
43-4071	File Clerks	\$9.30	\$19,349	\$6.80	\$14,138	\$10.55	\$21,954	\$6.24	\$12,977	\$7.44	\$15,482	\$9.12	\$18,962	\$10.88	\$22,627	\$12.91	\$26,849		
43-4081	Hotel, Motel, and Resort Desk Clerks	\$8.88	\$18,477	\$7.16	\$14,898	\$9.74	\$20,266	\$6.65	\$13,829	\$7.47	\$15,541	\$8.19	\$17,027	\$9.03	\$18,782	\$14.65	\$30,468		
43-4111	Interviewers, Except Eligibility and Loan	\$10.65	\$22,154	\$7.92	\$16,464	\$12.02	\$24,998	\$7.45	\$15,491	\$8.54	\$17,753	\$10.05	\$20,909	\$12.28	\$25,542	\$14.81	\$30,806		
43-4121	Library Assistants, Clerical	\$7.41	\$15,422	\$6.08	\$12,651	\$8.08	\$16,807	\$5.70	\$11,850	\$6.12	\$12,720	\$6.83	\$14,210	\$8.38	\$17,430	\$10.55	\$21,945		
43-4131	Loan Interviewers and Clerks	\$13.56	\$28,208	\$8.73	\$18,159	\$15.98	\$33,233	\$8.10	\$16,843	\$9.55	\$19,868	\$11.72	\$24,381	\$14.63	\$30,428	\$18.24	\$37,945		
43-4141	New Accounts Clerks	\$11.84	\$24,626	\$10.15	\$21,115	\$12.68	\$26,381	\$9.52	\$19,810	\$10.20	\$21,213	\$11.27	\$23,451	\$12.82	\$26,658	\$13.94	\$28,993		
43-4151	Order Clerks	\$13.51	\$23,934	\$7.91	\$16,450	\$13.31	\$27,676	\$7.39	\$15,361	\$8.74	\$18,178	\$11.10	\$23,093	\$13.84	\$28,791	\$16.51	\$34,349		
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$14.21	\$29,554	\$10.47	\$21,776	\$16.08	\$33,442	\$9.63	\$20,025	\$11.40	\$23,718	\$13.61	\$28,302	\$16.61	\$34,556	\$20.13	\$41,864		
43-4171	Receptionists and Information Clerks	\$9.33	\$19,401	\$6.88	\$14,310	\$10.55	\$21,946	\$6.36	\$13,229	\$7.52	\$15,645	\$9.36	\$19,466	\$10.81	\$22,480	\$12.61	\$26,224		
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	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	NA	NA
43-5011	Cargo and Freight Agents	\$16.79	\$34,921	\$11.40	\$23,712	\$19.48	\$40,525	\$8.31	\$17,289	\$14.36	\$29,879	\$17.38	\$36,158	\$19.83	\$41,250	\$21.56	\$44,849		
43-5021	Couriers and Messengers	\$10.55	\$21,951	\$7.42	\$15,426	\$12.12	\$25,213	\$7.15	\$14,876	\$8.00	\$16,635	\$9.70	\$20,176	\$11.94	\$24,834	\$16.10	\$33,480		
43-5031	Police, Fire, and Ambulance Dispatchers	\$11.86	\$24,664	\$9.70	\$20,184	\$12.93	\$26,904	\$9.13	\$18,983	\$9.81	\$20,411	\$10.94	\$22,764	\$13.61	\$28,307	\$16.28	\$33,867		
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$13.21	\$27,473	\$9.55	\$19,858	\$15.04	\$31,280	\$9.38	\$19,517	\$10.44	\$21,713	\$12.03	\$25,020	\$15.49	\$32,228	\$19.34	\$40,234		
43-5041	Meter Readers, Utilities	\$13.21	\$27,468	\$6.73	\$14,003	\$16.44	\$34,200	\$6.22	\$12,932	\$7.22	\$15,021	\$12.77	\$26,566	\$17.12	\$35,611	\$23.13	\$48,101		
43-5051	Postal Service Clerks	\$20.09	\$41,781	\$18.58	\$38,640	\$20.84	\$43,352	\$17.41	\$36,212	\$18.33	\$38,121	\$19.86	\$41,302	\$21.39	\$44,483	\$24.77	\$51,512		
43-5052	Postal Service Mail Carriers	\$20.51	\$42,664	\$15.83	\$32,921	\$22.85	\$47,535	\$14.61	\$30,391	\$17.02	\$35,409	\$21.33	\$44,363	\$24.32	\$50,578	\$26.08	\$54,239		
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$16.26	\$33,817	\$10.29	\$21,401	\$19.24	\$40,025	\$9.36	\$19,476	\$11.61	\$24,148	\$18.01	\$37,458	\$19.97	\$41,533	\$21.14	\$43,978		
43-5061	Production, Planning, and Expediting Clerks	\$17.56	\$36,520	\$11.73	\$24,398	\$20.47	\$42,582	\$11.10	\$23,097	\$13.23	\$27,528	\$17.08	\$35,524	\$21.23	\$44,150	\$25.41	\$52,852		
43-5071	Shipping, Receiving, and Traffic Clerks	\$12.01	\$24,971	\$8.54	\$17,753	\$13.74	\$28,580	\$7.72	\$16,067	\$9.58	\$19,								

43-9041	Insurance Claims and Policy Processing Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$10.52	\$21,879	\$7.41	\$15,404	\$12.08	\$25,117	\$6.51	\$13,551	\$8.47	\$17,612	\$10.40	\$21,622	\$12.41	\$25,807	\$14.11	\$29,350	\$14.11	\$29,350
43-9061	Office Clerks, General	\$9.20	\$19,138	\$6.75	\$14,050	\$10.42	\$21,681	\$6.23	\$12,960	\$7.30	\$15,194	\$8.86	\$18,435	\$10.56	\$21,956	\$12.82	\$26,669	\$12.82	\$26,669
43-9071	Office Machine Operators, Except Computer	\$10.11	\$21,038	\$7.56	\$15,732	\$11.39	\$23,690	\$7.28	\$15,143	\$8.34	\$17,355	\$9.88	\$20,557	\$11.26	\$23,421	\$13.71	\$28,519	\$13.71	\$28,519
43-9081	Proofreaders and Copy Markers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers, A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	\$10.51	\$21,853	\$6.61	\$13,742	\$12.46	\$25,908	\$6.08	\$12,646	\$7.25	\$15,072	\$9.62	\$20,004	\$12.60	\$26,215	\$16.99	\$35,342	\$16.99	\$35,342
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	NA	NA	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	\$23.42	\$48,720	\$17.88	\$37,183	\$26.20	\$54,489	\$16.01	\$33,298	\$19.73	\$41,028	\$22.89	\$47,608	\$26.41	\$54,933	\$29.09	\$60,499	\$29.09	\$60,499
45-2000	Agricultural Workers	NA	NA	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	NA	NA
45-2091	Agricultural Equipment Operators	NA	NA	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	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	NA	NA
45-4000	Forest, Conservation, and Logging Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-4021	Fallers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-4022	Logging Equipment Operators	NA	NA	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	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	NA	NA
47-0000	Construction and Extraction Occupations	\$18.71	\$38,912	\$11.02	\$22,916	\$22.55	\$46,910	\$9.99	\$20,782	\$12.85	\$26,720	\$18.48	\$38,429	\$24.09	\$50,099	\$27.84	\$57,915	\$27.84	\$57,915
47-1000	Supervisors, Construction and Extraction Workers	NA	NA	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	\$25.99	\$54,062	\$17.47	\$36,340	\$30.25	\$62,924	\$15.74	\$32,735	\$19.62	\$40,813	\$23.99	\$49,902	\$28.83	\$59,958	\$38.99	\$81,100	\$38.99	\$81,100
47-2000	Construction Trades Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2011	Boilermakers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2021	Brickmasons and Blockmasons	\$22.04	\$45,846	\$15.67	\$32,591	\$25.23	\$52,473	\$14.93	\$31,063	\$16.27	\$33,839	\$23.17	\$48,198	\$27.32	\$56,828	\$31.18	\$64,845	\$31.18	\$64,845
47-2022	Stonemasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2031	Carpenters	\$15.24	\$31,707	\$10.96	\$22,806	\$17.38	\$36,157	\$10.18	\$21,184	\$11.80	\$24,550	\$13.78	\$28,658	\$18.53	\$38,541	\$22.93	\$47,699	\$22.93	\$47,699
47-2041	Carpet Installers	\$13.66	\$28,417	\$10.07	\$20,950	\$15.46	\$32,150	\$9.62	\$20,018	\$10.66	\$22,173	\$14.13	\$29,380	\$16.33	\$33,976	\$17.64	\$36,701	\$17.64	\$36,701
47-2051	Cement Masons and Concrete Finishers	\$16.49	\$34,291	\$10.68	\$22,212	\$19.39	\$40,330	\$9.67	\$20,115	\$12.31	\$25,612	\$17.19	\$35,746	\$20.06	\$41,733	\$21.90	\$45,544	\$21.90	\$45,544
47-2061	Construction Laborers	\$14.87	\$30,936	\$9.17	\$19,065	\$17.73	\$36,872	\$8.01	\$16,657	\$10.50	\$21,835	\$13.93	\$28,976	\$19.83	\$41,251	\$21.56	\$44,837	\$21.56	\$44,837
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$17.70	\$36,817	\$12.90	\$26,824	\$20.10	\$41,813	\$11.06	\$23,014	\$14.39	\$29,936	\$16.47	\$34,264	\$21.40	\$44,508	\$26.27	\$54,639	\$26.27	\$54,639
47-2073	Operating Engineers and Other Construction Equipment Operators	\$20.58	\$42,805	\$14.58	\$30,329	\$23.58	\$49,042	\$14.04	\$29,200	\$15.88	\$33,029	\$20.42	\$42,470	\$25.15	\$52,314	\$27.99	\$58,225	\$27.99	\$58,225
47-2081	Drywall and Ceiling Tile Installers	\$20.26	\$42,139	\$15.91	\$33,101	\$22.43	\$46,659	\$13.46	\$27,991	\$18.28	\$38,015	\$21.24	\$44,179	\$23.25	\$48,353	\$25.66	\$53,382	\$25.66	\$53,382
47-2082	Tapers	\$21.31	\$44,333	\$16.44	\$34,206	\$23.75	\$49,397	\$14.83	\$30,855	\$18.63	\$38,749	\$22.48	\$46,763	\$24.85	\$51,682	\$26.39	\$54,884	\$26.39	\$54,884
47-2111	Electricians	\$23.69	\$49,275	\$17.31	\$36,008	\$26.88	\$55,908	\$15.29	\$31,805	\$20.29	\$42,196	\$24.54	\$51,033	\$27.74	\$57,693	\$31.72	\$65,970	\$31.72	\$65,970
47-2121	Glaziers	NA	NA	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	NA	NA
47-2141	Painters, Construction and Maintenance	\$15.11	\$31,427	\$10.06	\$20,932	\$17.63	\$36,674	\$9.60	\$19,959	\$10.75	\$22,350	\$14.10	\$29,330	\$19.55	\$40,673	\$21.64	\$45,013	\$21.64	\$45,013
47-2151	Pipelayers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2152	Plumbers, Pipefitters, and Steamfitters	\$23.71	\$49,321	\$18.30	\$38,073	\$26.42	\$54,945	\$15.57	\$32,394	\$21.62	\$44,961	\$24.55	\$51,069	\$27.16	\$56,491	\$30.94	\$64,349	\$30.94	\$64,349
47-2161	Plasterers and Stucco Masons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2181	Roofers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-2211	Sheet Metal Workers	\$19.91	\$41,406	\$12.15	\$25,278	\$23.78	\$49,470	\$10.33	\$21,480	\$14.17	\$29,471	\$20.51	\$42,662	\$25.62	\$53,299	\$28.54	\$59,365	\$28.54	\$59,365
47-2221	Structural Iron and Steel Workers	\$23.49	\$48,851	\$18.82	\$39,151	\$25.82	\$53,701	\$14.78	\$30,744	\$22.42	\$46,643	\$24.61	\$51,180	\$26.70	\$55,541	\$28.54	\$59,367	\$28.54	\$59,367
47-3000	Helpers, Construction Trades	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Set	\$12.65	\$26,312	\$9.88	\$20,545	\$14.04	\$29,195	\$9.19	\$19,113	\$9.69	\$20,149	\$10.52	\$21,877	\$16.51	\$34,350	\$20.83	\$43,325	\$20.83	\$43,325
47-3012	Helpers--Carpenters	\$11.45	\$23,814	\$7.54	\$15,675	\$13.41	\$27,883	\$7.15	\$14,862	\$8.28	\$17,222	\$10.65	\$22,148	\$11.27	\$29,678	\$17.37	\$36,122	\$17.37	\$36,122
47-3013	Helpers--Electricians	\$10.34	\$21,516	\$8.87	\$18,440	\$11.08	\$23,055	\$8.07	\$16,793	\$9.28	\$19,303	\$10.18	\$21,178	\$11.09	\$23,057	\$13.24	\$27,532	\$13.24	\$27,532
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-3019	Helpers, Construction Trades, All Other	\$8.47	\$17,611	\$7.04	\$14,641	\$9.18	\$19,096	\$6.32	\$13,154	\$7.48	\$15,561	\$8.27	\$17,198	\$9.06	\$18,841	\$11.42	\$23,753	\$11.42	\$23,753
47-4000	Other Construction and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-4011	Construction and Building Inspectors	\$18.17	\$37,793	\$12.85	\$26,738	\$20.83	\$43,320	\$11.46	\$23,840	\$14.99	\$31,181	\$18.40	\$38,278	\$20.88	\$43,439	\$24.29	\$50,533	\$24.29	\$50,533
47-4021	Elevator Installers and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-4051	Highway Maintenance Workers	\$10.28	\$21,384	\$6.48	\$13,469	\$12.18	\$25,342	\$5.81	\$12,092	\$7.05	\$14,668	\$10.93	\$22,733	\$12.83	\$26,695	\$14.13	\$29,388	\$14.13	\$29,388
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	\$15.20	\$31,611	\$11.21	\$23,314	\$17.19	\$35,760	\$10.60	\$22,046	\$12.17	\$25,322	\$14.60	\$30,366	\$17.35	\$36,089	\$21.64	\$45,014	\$21.64	\$45,014
47-4900	All Other Construction Trades and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-4999	Construction Trades and Related Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5000	Extraction Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	\$19.00	\$39,519	\$15.70	\$32,655	\$20.65	\$42,950	\$15.01	\$31,223	\$16.47	\$34,267	\$19.09	\$39,716	\$21.34	\$44,391	\$22.71	\$47,244	\$22.71	\$47,244
47-5041	Continuous Mining Machine Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5061	Roof Bolters, Mining	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5081	Helpers--Extraction Workers	\$16.19	\$33,668	\$11.77	\$24,490	\$18.39	\$38,257	\$11.00	\$22,881	\$12.66	\$26,323	\$16.36	\$34,037	\$20.18	\$41,978	\$21.84	\$45,437	\$21.84	\$45,437
47-5099	Extraction Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-0000	Installation, Maintenance, and Repair Occupations	\$17.68	\$36,779	\$10.78	\$22,424	\$21.13	\$43,956	\$9.36	\$19,475	\$12.78	\$26,573	\$16.83	\$35,014	\$22.12	\$46,002	\$26.90	\$55,958	\$26.90	\$55,958
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$24.19	\$50,314	\$16.06	\$33,400	\$28.26	\$58,771	\$14.44	\$30,044	\$18.18	\$37,813	\$23.39	\$48,655	\$29.90	\$62,190	\$36.09	\$75,070	\$36.09	\$75,070
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$14.94	\$31,081	\$10.64	\$22,124	\$17.10	\$35,559	\$9.76	\$20,299	\$11.80	\$24,549	\$14.46	\$30,076	\$17.89	\$37,213	\$21.15	\$43,989	\$21.15	\$43,989
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Install	\$22.86	\$47,539	\$18.84	\$39,194	\$24.86	\$51,712	\$17.56	\$36,533	\$21.04	\$43,763	\$23.48							

53-7061	Cleaners of Vehicles and Equipment	\$9.12	\$18,964	\$6.37	\$13,257	\$10.49	\$21,817	\$5.90	\$12,275	\$6.94	\$14,432	\$8.66	\$18,008	\$10.56	\$21,955	\$13.30	\$27,670
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$10.42	\$21,665	\$7.44	\$15,478	\$11.90	\$24,758	\$7.08	\$14,734	\$8.25	\$17,165	\$9.99	\$20,778	\$12.10	\$25,164	\$14.90	\$30,994
53-7063	Machine Feeders and Offbearers	\$11.61	\$24,155	\$9.25	\$19,248	\$12.79	\$26,609	\$8.85	\$18,401	\$10.05	\$20,901	\$11.87	\$24,684	\$13.18	\$27,420	\$14.09	\$29,314
53-7064	Packers and Packagers, Hand	\$10.64	\$22,133	\$7.50	\$15,598	\$12.21	\$25,400	\$6.45	\$13,416	\$8.74	\$18,187	\$11.11	\$23,113	\$12.71	\$26,426	\$13.66	\$28,419
53-7072	Pump Operators, Except Wellhead Pumpers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7081	Refuse and Recyclable Material Collectors	\$13.29	\$27,644	\$9.14	\$19,018	\$15.36	\$31,957	\$8.61	\$17,912	\$9.92	\$20,629	\$12.19	\$25,353	\$15.84	\$32,954	\$20.67	\$42,986
53-7111	Shuttle Car Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 11

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 ¹	Total Openings	Rank
Total, All Occupations		218,230	237,700	19,470	9%	53,230	75,340	
29-1111	Registered Nurses	4,190	5,350	1,160	28%	880	2,030	1
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,340	5,020	680	16%	710	1,390	2
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,340	4,880	540	12%	1,880	2,420	3
35-3031	Waiters and Waitresses	3,030	3,460	430	14%	1,560	1,980	4
41-2031	Retail Salespersons	5,950	6,340	390	7%	2,160	2,550	5
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,560	3,930	370	10%	680	1,040	6
25-2021	Elementary School Teachers, Except Special Education	2,290	2,650	360	16%	510	860	7
25-9041	Teacher Assistants	1,550	1,890	340	22%	300	640	8
41-2011	Cashiers	5,430	5,770	340	6%	2,640	2,980	8
43-4171	Receptionists and Information Clerks	1,600	1,940	340	21%	390	730	8
31-1012	Nursing Aides, Orderlies, and Attendants	2,150	2,480	330	15%	280	610	11
51-2092	Team Assemblers	4,300	4,630	330	8%	1,110	1,440	11
21-1093	Social and Human Service Assistants	500	810	310	62%	90	400	13
49-9042	Maintenance and Repair Workers, General	3,170	3,460	290	9%	610	900	14
43-4051	Customer Service Representatives	2,290	2,550	260	11%	340	600	15
47-2111	Electricians	1,410	1,670	260	18%	280	540	15
25-3021	Self-Enrichment Education Teachers	520	760	240	46%	60	300	17
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Produ	2,260	2,500	240	11%	590	840	17
31-9092	Medical Assistants	410	640	230	56%	80	300	19
43-9061	Office Clerks, General	4,490	4,720	230	5%	1,000	1,230	19
11-1021	General and Operations Managers	2,520	2,740	220	9%	480	690	21
31-1011	Home Health Aides	710	930	220	31%	90	310	21
39-9021	Personal and Home Care Aides	620	830	210	34%	100	310	23
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,090	1,290	200	18%	310	510	24
35-2014	Cooks, Restaurant	1,370	1,570	200	15%	430	620	24
51-9111	Packaging and Filling Machine Operators and Tenders	1,270	1,460	190	15%	250	450	26
29-2061	Licensed Practical and Licensed Vocational Nurses	1,650	1,830	180	11%	360	540	27
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2,110	2,280	170	8%	440	620	28
29-2071	Medical Records and Health Information Technicians	340	500	160	47%	50	210	29
35-2021	Food Preparation Workers	1,410	1,560	150	11%	500	650	30
53-7064	Packers and Packagers, Hand	1,520	1,670	150	10%	280	440	30
11-9111	Medical and Health Services Managers	470	610	140	30%	90	230	32
15-1041	Computer Support Specialists	550	680	130	24%	70	200	33
29-2034	Radiologic Technologists and Technicians	440	570	130	30%	80	210	33
47-2061	Construction Laborers	1,430	1,560	130	9%	190	320	33
13-2011	Accountants and Auditors	1,600	1,720	120	8%	300	430	36
33-3051	Police and Sheriff's Patrol Officers	670	790	120	18%	170	290	36
37-3011	Landscaping and Groundskeeping Workers	1,070	1,190	120	11%	230	360	36
47-2152	Plumbers, Pipefitters, and Steamfitters	1,540	1,660	120	8%	360	470	36
49-3023	Automotive Service Technicians and Mechanics	1,440	1,560	120	8%	380	500	36
49-9041	Industrial Machinery Mechanics	550	670	120	22%	110	230	36
31-2021	Physical Therapist Assistants	310	420	110	35%	50	170	42
39-9011	Child Care Workers	1,120	1,230	110	10%	310	420	42
39-9031	Fitness Trainers and Aerobics Instructors	240	350	110	46%	60	170	42
51-9198	Helpers--Production Workers	2,570	2,680	110	4%	720	830	42
53-3022	Bus Drivers, School	760	870	110	14%	160	280	42
53-3033	Truck Drivers, Light or Delivery Services	1,380	1,490	110	8%	130	240	42
29-1123	Physical Therapists	290	390	100	34%	30	130	48
29-2041	Emergency Medical Technicians and Paramedics	440	540	100	23%	50	160	48
29-2052	Pharmacy Technicians	450	550	100	22%	60	160	48
33-9032	Security Guards	940	1,040	100	11%	210	300	48
41-2021	Counter and Rental Clerks	700	800	100	14%	270	370	48
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,130	1,230	100	9%	190	290	48
53-7063	Machine Feeders and Offbearers	880	980	100	11%	240	340	48

25-2011	Preschool Teachers, Except Special Education	450	540	90	20%	50	150	55
29-1051	Pharmacists	420	510	90	21%	80	170	55
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,360	1,450	90	7%	320	410	55
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	610	700	90	15%	200	290	55
37-2012	Maids and Housekeeping Cleaners	1,360	1,450	90	7%	290	370	55
13-1111	Management Analysts	330	410	80	24%	50	120	60
15-1071	Network and Computer Systems Administrators	310	390	80	26%	30	120	60
21-1022	Medical and Public Health Social Workers	200	280	80	40%	30	110	60
31-9091	Dental Assistants	390	470	80	21%	110	190	60
39-3011	Gaming Dealers	190	270	80	42%	60	130	60
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,140	1,220	80	7%	290	370	60
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	710	790	80	11%	190	260	60
11-3021	Computer and Information Systems Managers	310	380	70	23%	60	130	67
21-1015	Rehabilitation Counselors	150	220	70	47%	40	100	67
25-2012	Kindergarten Teachers, Except Special Education	230	300	70	30%	30	90	67
27-3031	Public Relations Specialists	290	360	70	24%	40	110	67
29-2055	Surgical Technologists	210	280	70	33%	30	100	67
33-2011	Fire Fighters	500	570	70	14%	140	220	67
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	670	740	70	10%	440	510	67
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	570	640	70	12%	190	260	67
41-3011	Advertising Sales Agents	330	400	70	21%	60	140	67
43-3011	Bill and Account Collectors	430	500	70	16%	80	160	67
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	460	530	70	15%	130	200	67
47-2181	Roofers	1,000	1,070	70	7%	230	300	67
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	470	540	70	15%	110	170	67
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plas	770	840	70	9%	190	250	67
11-2022	Sales Managers	360	420	60	17%	70	130	81
13-1073	Training and Development Specialists	340	400	60	18%	50	120	81
15-1051	Computer Systems Analysts	300	360	60	20%	30	100	81
17-2112	Industrial Engineers	470	530	60	13%	110	180	81
23-1011	Lawyers	350	410	60	17%	50	110	81
25-1011	Business Teachers, Postsecondary	120	180	60	50%	30	80	81
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	210	270	60	29%	50	110	81
29-1122	Occupational Therapists	170	230	60	35%	20	80	81
29-1126	Respiratory Therapists	190	250	60	32%	60	130	81
29-2021	Dental Hygienists	270	330	60	22%	20	80	81
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,660	2,720	60	2%	480	540	81
45-4021	Fallers	20	80	60	300%	0	60	81
47-2031	Carpenters	1,300	1,360	60	5%	210	270	81
47-2051	Cement Masons and Concrete Finishers	300	360	60	20%	60	120	81
47-2073	Operating Engineers and Other Construction Equipment Operators	970	1,030	60	6%	250	320	81
47-2211	Sheet Metal Workers	670	730	60	9%	160	220	81
11-9032	Education Administrators, Elementary and Secondary School	270	320	50	19%	70	120	97
11-1011	Chief Executives	610	660	50	8%	110	170	97
15-1031	Computer Software Engineers, Applications	180	230	50	28%	20	60	97
15-1081	Network Systems and Data Communications Analysts	140	190	50	36%	20	70	97
25-1081	Education Teachers, Postsecondary	110	160	50	45%	30	70	97
25-2022	Middle School Teachers, Except Special and Vocational Education	530	580	50	9%	120	170	97
27-2022	Coaches and Scouts	230	280	50	22%	50	100	97
29-1062	Family and General Practitioners	210	260	50	24%	30	70	97
29-1071	Physician Assistants	100	150	50	50%	20	70	97
29-2012	Medical and Clinical Laboratory Technicians	340	390	50	15%	90	140	97
31-9094	Medical Transcriptionists	230	280	50	22%	40	90	97
43-3021	Billing and Posting Clerks and Machine Operators	1,070	1,120	50	5%	180	230	97
43-6012	Legal Secretaries	340	390	50	15%	60	120	97
45-4022	Logging Equipment Operators	40	90	50	125%	10	60	97
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	480	530	50	10%	120	170	97
51-4121	Welders, Cutters, Solderers, and Brazers	700	750	50	7%	200	250	97
51-6031	Sewing Machine Operators	190	240	50	26%	20	80	97
53-7051	Industrial Truck and Tractor Operators	1,520	1,570	50	3%	290	340	97
11-3031	Financial Managers	500	540	40	8%	70	110	115
11-9021	Construction Managers	380	420	40	11%	70	110	115
11-9151	Social and Community Service Managers	150	190	40	27%	30	70	115
13-1051	Cost Estimators	300	340	40	13%	70	100	115
13-2072	Loan Officers	270	310	40	15%	40	90	115
15-1061	Database Administrators	120	160	40	33%	10	60	115
21-1012	Educational, Vocational, and School Counselors	270	310	40	15%	60	100	115

23-2011	Paralegals and Legal Assistants	160	200	40	25%	10	50	115
25-1021	Computer Science Teachers, Postsecondary	80	120	40	50%	20	50	115
25-1121	Art, Drama, and Music Teachers, Postsecondary	90	130	40	44%	20	60	115
25-1194	Vocational Education Teachers, Postsecondary	100	140	40	40%	20	70	115
27-4012	Broadcast Technicians	100	140	40	40%	30	70	115
29-1067	Surgeons	170	210	40	24%	20	60	115
29-2081	Opticians, Dispensing	180	220	40	22%	30	70	115
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	450	490	40	9%	110	150	115
39-3091	Amusement and Recreation Attendants	130	170	40	31%	40	80	115
41-3021	Insurance Sales Agents	750	790	40	5%	180	210	115
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,200	2,240	40	2%	470	520	115
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	270	310	40	15%	70	110	115
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	160	200	40	25%	20	50	115
51-3092	Food Batchmakers	120	160	40	33%	30	70	115
51-4041	Machinists	610	650	40	7%	140	180	115
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	330	370	40	12%	60	100	115
51-8031	Water and Liquid Waste Treatment Plant and System Operators	190	230	40	21%	60	110	115
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	560	600	40	7%	150	180	115
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,620	1,660	40	2%	370	410	115
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	520	560	40	8%	120	160	115
11-3011	Administrative Services Managers	230	260	30	13%	50	70	142
11-9011	Farm, Ranch, and Other Agricultural Managers	160	190	30	19%	30	60	142
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	60	142
13-2052	Personal Financial Advisors	120	150	30	25%	20	40	142
15-1032	Computer Software Engineers, Systems Software	100	130	30	30%	10	40	142
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	30	142
17-2051	Civil Engineers	210	240	30	14%	30	60	142
21-1021	Child, Family, and School Social Workers	340	370	30	9%	60	90	142
21-1023	Mental Health and Substance Abuse Social Workers	70	100	30	43%	10	40	142
25-4031	Library Technicians	280	310	30	11%	100	130	142
27-2042	Musicians and Singers	180	210	30	17%	40	70	142
27-3010	Announcers	250	280	30	12%	60	100	142
29-1127	Speech-Language Pathologists	90	120	30	33%	20	50	142
29-2011	Medical and Clinical Laboratory Technologists	230	260	30	13%	60	90	142
29-2056	Veterinary Technologists and Technicians	140	170	30	21%	20	50	142
33-3012	Correctional Officers and Jailers	380	410	30	8%	80	110	142
35-3011	Bartenders	1,040	1,070	30	3%	410	440	142
35-9021	Dishwashers	610	640	30	5%	210	240	142
39-1011	Gaming Supervisors	80	110	30	38%	20	40	142
39-1012	Slot Key Persons	80	110	30	38%	20	40	142
41-3031	Securities, Commodities, and Financial Services Sales Agents	240	270	30	13%	30	60	142
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	390	420	30	8%	100	130	142
43-3041	Gaming Cage Workers	80	110	30	38%	40	60	142
43-3071	Tellers	880	910	30	3%	430	460	142
43-4081	Hotel, Motel, and Resort Desk Clerks	180	210	30	17%	80	110	142
43-4111	Interviewers, Except Eligibility and Loan	130	160	30	23%	30	70	142
43-5032	Dispatchers, Except Police, Fire, and Ambulance	350	380	30	9%	70	100	142
43-5061	Production, Planning, and Expediting Clerks	540	570	30	6%	130	160	142
43-6013	Medical Secretaries	470	500	30	6%	90	130	142
47-2141	Painters, Construction and Maintenance	700	730	30	4%	110	130	142
47-2221	Structural Iron and Steel Workers	220	250	30	14%	40	70	142
49-9098	Helpers--Installation, Maintenance, and Repair Workers	280	310	30	11%	100	120	142
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	340	370	30	9%	60	80	142
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	420	450	30	7%	120	150	142
53-2011	Airline Pilots, Copilots, and Flight Engineers	110	140	30	27%	30	60	142
53-3041	Taxi Drivers and Chauffeurs	260	290	30	12%	20	60	142
53-7061	Cleaners of Vehicles and Equipment	660	690	30	5%	230	260	142
11-2011	Advertising and Promotions Managers	70	90	20	29%	10	30	179
11-2021	Marketing Managers	160	180	20	13%	30	50	179
11-3051	Industrial Production Managers	420	440	20	5%	80	110	179
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	90	20	29%	20	30	179
11-9041	Engineering Managers	280	300	20	7%	60	80	179
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	400	420	20	5%	100	120	179
13-1071	Employment, Recruitment, and Placement Specialists	180	200	20	11%	30	50	179
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	100	20	25%	10	30	179
17-2081	Environmental Engineers	70	90	20	29%	10	40	179
17-3023	Electrical and Electronic Engineering Technicians	250	270	20	8%	50	70	179

17-3027	Mechanical Engineering Technicians	120	140	20	17%	30	40	179
17-3031	Surveying and Mapping Technicians	100	120	20	20%	40	60	179
19-2041	Environmental Scientists and Specialists, Including Health	80	100	20	25%	20	30	179
19-4091	Environmental Science and Protection Technicians, Including Health	50	70	20	40%	10	30	179
21-1011	Substance Abuse and Behavioral Disorder Counselors	80	100	20	25%	20	40	179
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	179
25-1032	Engineering Teachers, Postsecondary	40	60	20	50%	10	30	179
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	179
25-1072	Nursing Instructors and Teachers, Postsecondary	40	60	20	50%	10	30	179
25-1123	English Language and Literature Teachers, Postsecondary	60	80	20	33%	10	40	179
25-2042	Special Education Teachers, Middle School	90	110	20	22%	20	50	179
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	179
25-4021	Librarians	270	290	20	7%	60	80	179
27-2012	Producers and Directors	70	90	20	29%	10	30	179
27-4031	Camera Operators, Television, Video, and Motion Picture	50	70	20	40%	10	30	179
29-1124	Radiation Therapists	40	60	20	50%	10	30	179
29-2032	Diagnostic Medical Sonographers	90	110	20	22%	20	40	179
29-2054	Respiratory Therapy Technicians	50	70	20	40%	10	30	179
31-2022	Physical Therapist Aides	30	50	20	67%	10	30	179
31-9095	Pharmacy Aides	160	180	20	13%	30	50	179
33-3021	Detectives and Criminal Investigators	110	130	20	18%	30	50	179
35-1011	Chefs and Head Cooks	120	140	20	17%	40	50	179
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Worker	150	170	20	13%	10	30	179
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	240	20	9%	60	70	179
39-2021	Nonfarm Animal Caretakers	130	150	20	15%	30	50	179
39-9032	Recreation Workers	260	280	20	8%	60	80	179
43-4121	Library Assistants, Clerical	170	190	20	12%	70	90	179
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	220	240	20	9%	50	70	179
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	70	90	20	29%	20	40	179
43-5031	Police, Fire, and Ambulance Dispatchers	210	230	20	10%	50	60	179
43-6011	Executive Secretaries and Administrative Assistants	1,740	1,760	20	1%	330	350	179
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	50	20	67%	10	20	179
45-2091	Agricultural Equipment Operators	90	110	20	22%	30	40	179
47-2021	Brickmasons and Blockmasons	250	270	20	8%	40	60	179
47-2022	Stonemasons	110	130	20	18%	20	30	179
47-2041	Carpet Installers	170	190	20	12%	30	50	179
47-2081	Drywall and Ceiling Tile Installers	70	90	20	29%	20	30	179
47-2130	Insulation Workers	200	220	20	10%	60	80	179
47-3012	Helpers--Carpenters	170	190	20	12%	70	90	179
49-2092	Electric Motor, Power Tool, and Related Repairers	100	120	20	20%	20	40	179
49-3021	Automotive Body and Related Repairers	330	350	20	6%	70	90	179
49-3041	Farm Equipment Mechanics	240	260	20	8%	50	70	179
49-9043	Maintenance Workers, Machinery	150	170	20	13%	40	50	179
49-9052	Telecommunications Line Installers and Repairers	90	110	20	22%	20	40	179
51-3011	Bakers	340	360	20	6%	80	100	179
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	500	520	20	4%	170	190	179
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Met	260	280	20	8%	50	70	179
51-6011	Laundry and Dry-Cleaning Workers	480	500	20	4%	130	150	179
51-9022	Grinding and Polishing Workers, Hand	270	290	20	7%	70	90	179
53-1011	Aircraft Cargo Handling Supervisors	30	50	20	67%	10	30	179
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	350	370	20	6%	80	100	179
11-2031	Public Relations Managers	80	90	10	13%	10	30	240
11-3040	Human Resources Managers	230	240	10	4%	40	50	240
11-3071	Transportation, Storage, and Distribution Managers	120	130	10	8%	20	40	240
11-9051	Food Service Managers	660	670	10	2%	110	120	240
11-9141	Property, Real Estate, and Community Association Managers	250	260	10	4%	50	60	240
13-1021	Purchasing Agents and Buyers, Farm Products	80	90	10	13%	30	40	240
13-1031	Claims Adjusters, Examiners, and Investigators	180	190	10	6%	20	40	240
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	100	110	10	10%	20	30	240
13-2021	Appraisers and Assessors of Real Estate	130	140	10	8%	30	40	240
13-2041	Credit Analysts	120	130	10	8%	20	30	240
13-2051	Financial Analysts	100	110	10	10%	20	30	240
13-2061	Financial Examiners	20	30	10	50%	10	10	240
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	40	10	33%	10	10	240
15-2011	Actuaries	60	70	10	17%	20	30	240
17-1022	Surveyors	80	90	10	13%	30	40	240
17-3011	Architectural and Civil Drafters	140	150	10	7%	40	50	240

17-3012	Electrical and Electronics Drafters	170	180	10	6%	50	60	240
17-3013	Mechanical Drafters	180	190	10	6%	50	60	240
17-3025	Environmental Engineering Technicians	30	40	10	33%	10	10	240
19-1031	Conservation Scientists	20	30	10	50%	10	10	240
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	240
19-3031	Clinical, Counseling, and School Psychologists	50	60	10	20%	10	20	240
21-1014	Mental Health Counselors	90	100	10	11%	20	30	240
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	240
21-2021	Directors, Religious Activities and Education	30	40	10	33%	0	10	240
23-2091	Court Reporters	70	80	10	14%	10	10	240
23-2092	Law Clerks	60	70	10	17%	10	10	240
25-1042	Biological Science Teachers, Postsecondary	50	60	10	20%	10	30	240
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	0	10	240
25-1066	Psychology Teachers, Postsecondary	30	40	10	33%	10	20	240
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	240
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	240
25-1125	History Teachers, Postsecondary	20	30	10	50%	0	10	240
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	20	240
25-1191	Graduate Teaching Assistants	20	30	10	50%	0	10	240
25-2032	Vocational Education Teachers, Secondary School	90	100	10	11%	20	30	240
25-9031	Instructional Coordinators	60	70	10	17%	10	20	240
27-1021	Commercial and Industrial Designers	100	110	10	10%	10	20	240
27-1024	Graphic Designers	290	300	10	3%	40	50	240
27-1026	Merchandise Displayers and Window Trimmers	60	70	10	17%	10	10	240
27-2023	Umpires, Referees, and Other Sports Officials	60	70	10	17%	10	20	240
27-2032	Choreographers	70	80	10	14%	40	50	240
27-2041	Music Directors and Composers	50	60	10	20%	10	20	240
27-3020	News Analysts, Reporters and Correspondents	90	100	10	11%	20	30	240
27-3041	Editors	70	80	10	14%	20	20	240
27-3043	Writers and Authors	110	120	10	9%	20	30	240
29-1011	Chiropractors	40	50	10	25%	10	20	240
29-1031	Dietitians and Nutritionists	60	70	10	17%	20	30	240
29-1041	Optometrists	50	60	10	20%	10	30	240
29-1061	Anesthesiologists	20	30	10	50%	0	10	240
29-1063	Internists, General	40	50	10	25%	10	20	240
29-1064	Obstetricians and Gynecologists	40	50	10	25%	10	10	240
29-1125	Recreational Therapists	70	80	10	14%	20	20	240
29-1131	Veterinarians	160	170	10	6%	40	50	240
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	240
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	240
29-9010	Occupational Health and Safety Specialists and Technicians	130	140	10	8%	30	40	240
31-1013	Psychiatric Aides	30	40	10	33%	0	20	240
31-2011	Occupational Therapist Assistants	30	40	10	33%	0	10	240
31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	240
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	140	150	10	7%	30	30	240
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	80	10	14%	20	30	240
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	50	240
33-2021	Fire Inspectors and Investigators	20	30	10	50%	10	10	240
35-2015	Cooks, Short Order	340	350	10	3%	100	120	240
35-3041	Food Servers, Nonrestaurant	140	150	10	7%	50	60	240
39-3031	Ushers, Lobby Attendants, and Ticket Takers	140	150	10	7%	80	90	240
39-4021	Funeral Attendants	60	70	10	17%	10	20	240
39-6011	Baggage Porters and Bellhops	50	60	10	20%	10	20	240
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	780	790	10	1%	150	160	240
41-9011	Demonstrators and Product Promoters	80	90	10	13%	20	30	240
41-9031	Sales Engineers	80	90	10	13%	20	30	240
43-4031	Court, Municipal, and License Clerks	170	180	10	6%	40	50	240
45-2041	Graders and Sorters, Agricultural Products	40	50	10	25%	10	20	240
45-2093	Farmworkers, Farm and Ranch Animals	130	140	10	8%	40	50	240
47-2071	Paving, Surfacing, and Tamping Equipment Operators	110	120	10	9%	20	30	240
47-2121	Glaziers	150	160	10	7%	30	40	240
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	40	10	33%	10	10	240
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	80	90	10	13%	30	40	240
49-2011	Computer, Automated Teller, and Office Machine Repairers	250	260	10	4%	30	40	240
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	90	100	10	11%	20	30	240
49-3011	Aircraft Mechanics and Service Technicians	30	40	10	33%	10	10	240
49-3052	Motorcycle Mechanics	30	40	10	33%	10	20	240

49-9044	Millwrights	50	60	10	20%	10	20	240
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	20	240
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	200	210	10	5%	40	60	240
51-3023	Slaughterers and Meat Packers	70	80	10	14%	20	20	240
51-4062	Patternmakers, Metal and Plastic	20	30	10	50%	10	10	240
51-4192	Lay-Out Workers, Metal and Plastic	20	30	10	50%	0	10	240
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	90	100	10	11%	30	30	240
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	200	210	10	5%	40	60	240
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	240
51-9122	Painters, Transportation Equipment	60	70	10	17%	20	20	240
53-2021	Air Traffic Controllers	20	30	10	50%	10	20	240
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	240
53-3021	Bus Drivers, Transit and Intercity	40	50	10	25%	10	20	240
53-5011	Sailors and Marine Oilers	70	80	10	14%	30	40	240
53-6011	Bridge and Lock Tenders	30	40	10	33%	10	10	240
53-7081	Refuse and Recyclable Material Collectors	300	310	10	3%	80	80	240
11-9061	Funeral Directors	80	80	0	0%	20	20	339
11-9071	Gaming Managers	30	30	0	0%	10	10	339
11-9081	Lodging Managers	50	50	0	0%	10	10	339
11-9121	Natural Sciences Managers	50	50	0	0%	10	10	339
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	300	0	0%	80	80	339
13-1061	Emergency Management Specialists	30	30	0	0%	10	10	339
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	339
13-2031	Budget Analysts	20	20	0	0%	0	10	339
13-2053	Insurance Underwriters	40	40	0	0%	10	10	339
15-1021	Computer Programmers	310	310	0	0%	70	70	339
15-2031	Operations Research Analysts	30	30	0	0%	10	10	339
15-2041	Statisticians	30	30	0	0%	10	10	339
17-2031	Biomedical Engineers	20	20	0	0%	0	0	339
17-2041	Chemical Engineers	50	50	0	0%	10	20	339
17-2071	Electrical Engineers	160	160	0	0%	30	30	339
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	339
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	60	0	0%	20	20	339
17-2141	Mechanical Engineers	340	340	0	0%	90	100	339
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	40	40	0	0%	10	10	339
17-3022	Civil Engineering Technicians	40	40	0	0%	10	10	339
19-1010	Agricultural and Food Scientists	30	30	0	0%	10	10	339
19-1022	Microbiologists	20	20	0	0%	10	10	339
19-2012	Physicists	20	20	0	0%	10	10	339
19-2031	Chemists	140	140	0	0%	50	50	339
19-2032	Materials Scientists	20	20	0	0%	10	10	339
19-3011	Economists	30	30	0	0%	10	10	339
19-3021	Market Research Analysts	240	240	0	0%	60	70	339
19-4021	Biological Technicians	130	130	0	0%	20	30	339
21-1091	Health Educators	40	40	0	0%	10	10	339
21-2011	Clergy	60	60	0	0%	10	20	339
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	30	0	0%	0	10	339
23-1022	Arbitrators, Mediators, and Conciliators	20	20	0	0%	0	0	339
23-1023	Judges, Magistrate Judges, and Magistrates	50	50	0	0%	10	10	339
23-2093	Title Examiners, Abstractors, and Searchers	130	130	0	0%	20	20	339
25-1052	Chemistry Teachers, Postsecondary	20	20	0	0%	0	10	339
25-1122	Communications Teachers, Postsecondary	30	30	0	0%	10	20	339
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	20	20	0	0%	0	10	339
25-2023	Vocational Education Teachers, Middle School	20	20	0	0%	0	10	339
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	339
25-9011	Audio-Visual Collections Specialists	20	20	0	0%	0	10	339
27-1011	Art Directors	40	40	0	0%	10	10	339
27-1014	Multi-Media Artists and Animators	30	30	0	0%	10	10	339
27-1025	Interior Designers	50	50	0	0%	10	10	339
27-1027	Set and Exhibit Designers	20	20	0	0%	0	10	339
27-3042	Technical Writers	20	20	0	0%	10	10	339
27-4011	Audio and Video Equipment Technicians	20	20	0	0%	0	10	339
27-4021	Photographers	240	240	0	0%	50	50	339
29-1020	Dentists	70	70	0	0%	10	10	339
29-1065	Pediatricians, General	20	20	0	0%	0	10	339
29-1066	Psychiatrists	20	20	0	0%	0	10	339
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	20	20	0	0%	10	10	339

33-3011	Bailiffs	60	60	0	0%	10	20	339
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	339
33-9011	Animal Control Workers	20	20	0	0%	10	10	339
33-9031	Gaming Surveillance Officers and Gaming Investigators	20	20	0	0%	0	10	339
33-9091	Crossing Guards	70	70	0	0%	20	30	339
37-2021	Pest Control Workers	110	110	0	0%	20	20	339
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	70	70	0	0%	20	20	339
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	339
39-3021	Motion Picture Projectionists	20	20	0	0%	10	10	339
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	339
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	0	339
39-5094	Skin Care Specialists	20	20	0	0%	0	0	339
39-9041	Residential Advisors	50	50	0	0%	10	20	339
41-9012	Models	20	20	0	0%	0	10	339
41-9021	Real Estate Brokers	40	40	0	0%	10	10	339
41-9022	Real Estate Sales Agents	220	220	0	0%	40	40	339
43-3051	Payroll and Timekeeping Clerks	400	400	0	0%	110	110	339
43-4021	Correspondence Clerks	30	30	0	0%	10	10	339
43-4141	New Accounts Clerks	80	80	0	0%	20	20	339
43-5011	Cargo and Freight Agents	40	40	0	0%	10	10	339
43-5051	Postal Service Clerks	120	120	0	0%	30	30	339
43-9031	Desktop Publishers	20	20	0	0%	0	10	339
43-9071	Office Machine Operators, Except Computer	80	80	0	0%	20	20	339
43-9081	Proofreaders and Copy Markers	30	30	0	0%	10	10	339
47-2082	Tapers	20	20	0	0%	0	10	339
47-2151	Pipelayers	30	30	0	0%	10	10	339
47-2161	Plasterers and Stucco Masons	50	50	0	0%	10	10	339
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	180	180	0	0%	80	80	339
47-3013	Helpers--Electricians	100	100	0	0%	40	40	339
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	110	110	0	0%	50	50	339
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	339
47-4021	Elevator Installers and Repairers	40	40	0	0%	10	10	339
47-4051	Highway Maintenance Workers	260	260	0	0%	40	40	339
47-5061	Roof Bolters, Mining	30	30	0	0%	10	10	339
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	339
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	50	50	0	0%	10	20	339
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	90	90	0	0%	20	20	339
49-2098	Security and Fire Alarm Systems Installers	40	40	0	0%	10	10	339
49-3022	Automotive Glass Installers and Repairers	20	20	0	0%	0	0	339
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	330	330	0	0%	70	70	339
49-3051	Motorboat Mechanics	30	30	0	0%	10	10	339
49-3093	Tire Repairers and Changers	230	230	0	0%	100	100	339
49-9011	Mechanical Door Repairers	20	20	0	0%	0	10	339
49-9031	Home Appliance Repairers	120	120	0	0%	30	30	339
49-9062	Medical Equipment Repairers	20	20	0	0%	0	0	339
49-9063	Musical Instrument Repairers and Tuners	30	30	0	0%	10	10	339
49-9094	Locksmiths and Safe Repairers	20	20	0	0%	10	10	339
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	339
49-9096	Riggers	20	20	0	0%	0	0	339
51-2031	Engine and Other Machine Assemblers	30	30	0	0%	10	10	339
51-2041	Structural Metal Fabricators and Fitters	300	300	0	0%	70	70	339
51-2091	Fiberglass Laminators and Fabricators	40	40	0	0%	10	10	339
51-3093	Food Cooking Machine Operators and Tenders	100	100	0	0%	20	30	339
51-4012	Numerical Tool and Process Control Programmers	90	90	0	0%	20	20	339
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0%	20	20	339
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	130	130	0	0%	30	30	339
51-4051	Metal-Refining Furnace Operators and Tenders	100	100	0	0%	20	30	339
51-4052	Pourers and Casters, Metal	60	60	0	0%	10	20	339
51-4061	Model Makers, Metal and Plastic	40	40	0	0%	10	10	339
51-4071	Foundry Mold and Coremakers	240	240	0	0%	60	60	339
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	0	0%	10	10	339
51-6021	Pressers, Textile, Garment, and Related Materials	110	110	0	0%	20	20	339
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	10	10	339
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	339
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	270	270	0	0%	80	80	339
51-8091	Chemical Plant and System Operators	30	30	0	0%	10	10	339
51-9011	Chemical Equipment Operators and Tenders	40	40	0	0%	10	10	339

51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	30	30	0	0%	10	10	339
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	190	190	0	0%	50	50	339
51-9071	Jewelers and Precious Stone and Metal Workers	70	70	0	0%	20	20	339
51-9083	Ophthalmic Laboratory Technicians	30	30	0	0%	10	10	339
51-9123	Painting, Coating, and Decorating Workers	90	90	0	0%	20	30	339
51-9132	Photographic Processing Machine Operators	190	190	0	0%	50	50	339
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	40	0	0%	10	10	339
53-5022	Motorboat Operators	20	20	0	0%	10	10	339
53-6021	Parking Lot Attendants	50	50	0	0%	10	10	339
53-6031	Service Station Attendants	180	180	0	0%	80	80	339
53-7011	Conveyor Operators and Tenders	160	160	0	0%	50	50	339
53-7021	Crane and Tower Operators	80	80	0	0%	20	20	339
53-7032	Excavating and Loading Machine and Dragline Operators	190	190	0	0%	50	50	339
53-7033	Loading Machine Operators, Underground Mining	50	50	0	0%	20	20	339
53-7072	Pump Operators, Except Wellhead Pumpers	60	60	0	0%	20	20	339
11-3061	Purchasing Managers	120	110	-10	-8%	30	30	472
11-9131	Postmasters and Mail Superintendents	80	70	-10	-13%	10	10	472
11-1031	Legislators	150	140	-10	-7%	20	20	472
13-2082	Tax Preparers	110	100	-10	-9%	20	20	472
19-4031	Chemical Technicians	180	170	-10	-6%	40	40	472
29-2053	Psychiatric Technicians	360	350	-10	-3%	50	50	472
39-5011	Barbers	110	100	-10	-9%	30	30	472
41-3041	Travel Agents	70	60	-10	-14%	20	20	472
41-9041	Telemarketers	200	190	-10	-5%	30	30	472
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	50	40	-10	-20%	10	10	472
43-4011	Brokerage Clerks	50	40	-10	-20%	10	10	472
43-4061	Eligibility Interviewers, Government Programs	40	30	-10	-25%	10	10	472
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	472
43-5041	Meter Readers, Utilities	60	50	-10	-17%	20	20	472
43-5052	Postal Service Mail Carriers	550	540	-10	-2%	170	170	472
43-9041	Insurance Claims and Policy Processing Clerks	210	200	-10	-5%	30	30	472
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	70	60	-10	-14%	20	20	472
47-2011	Boilermakers	250	240	-10	-4%	90	90	472
47-5041	Continuous Mining Machine Operators	40	30	-10	-25%	10	10	472
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	100	90	-10	-10%	20	20	472
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	70	60	-10	-14%	20	20	472
49-9051	Electrical Power-Line Installers and Repairers	210	200	-10	-5%	70	70	472
51-2023	Electromechanical Equipment Assemblers	30	20	-10	-33%	10	10	472
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30	20	-10	-33%	0	0	472
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	50	40	-10	-20%	20	20	472
51-5021	Job Printers	130	120	-10	-8%	30	30	472
51-5022	Prepress Technicians and Workers	70	60	-10	-14%	20	20	472
51-5023	Printing Machine Operators	270	260	-10	-4%	60	60	472
51-7011	Cabinetmakers and Bench Carpenters	1,030	1,020	-10	-1%	260	260	472
51-8021	Stationary Engineers and Boiler Operators	100	90	-10	-10%	20	20	472
51-9031	Cutters and Trimmers, Hand	90	80	-10	-11%	20	20	472
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	472
51-9194	Etchers and Engravers	20	10	-10	-50%	0	0	472
51-9196	Paper Goods Machine Setters, Operators, and Tenders	310	300	-10	-3%	70	70	472
53-5021	Captains, Mates, and Pilots of Water Vessels	30	20	-10	-33%	10	10	472
53-7111	Shuttle Car Operators	30	20	-10	-33%	10	10	472
27-1023	Floral Designers	230	210	-20	-9%	30	30	508
43-2011	Switchboard Operators, Including Answering Service	360	340	-20	-6%	90	90	508
43-3061	Procurement Clerks	190	170	-20	-11%	50	50	508
43-4041	Credit Authorizers, Checkers, and Clerks	80	60	-20	-25%	10	10	508
43-4071	File Clerks	280	260	-20	-7%	80	80	508
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	210	190	-20	-10%	60	60	508
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	80	60	-20	-25%	20	20	508
51-2021	Coil Winders, Tapers, and Finishers	60	40	-20	-33%	10	10	508
51-3021	Butchers and Meat Cutters	170	150	-20	-12%	40	40	508
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	60	40	-20	-33%	10	10	508
51-5011	Bindery Workers	60	40	-20	-33%	20	20	508
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	320	300	-20	-6%	80	80	508
51-9191	Cementing and Gluing Machine Operators and Tenders	110	90	-20	-18%	30	30	508
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	90	70	-20	-22%	20	20	508
53-3031	Driver/Sales Workers	600	580	-20	-3%	100	100	508
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,830	3,810	-20	-1%	1,250	1,250	508

17-2061 Computer Hardware Engineers	130	100	-30	-23%	20	20	524
49-9045 Refractory Materials Repairers, Except Brickmasons	400	370	-30	-8%	80	80	524
51-4032 Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	620	590	-30	-5%	180	180	524
51-4111 Tool and Die Makers	350	320	-30	-9%	80	80	524
51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	180	150	-30	-17%	50	50	524
51-7021 Furniture Finishers	370	340	-30	-8%	70	70	524
51-8013 Power Plant Operators	380	350	-30	-8%	100	100	524
17-3026 Industrial Engineering Technicians	340	300	-40	-12%	70	70	531
35-2012 Cooks, Institution and Cafeteria	900	860	-40	-4%	280	280	531
39-5012 Hairdressers, Hairstylists, and Cosmetologists	570	530	-40	-7%	110	110	531
43-4131 Loan Interviewers and Clerks	340	300	-40	-12%	50	50	531
43-9021 Data Entry Keyers	380	340	-40	-11%	90	90	531
51-6093 Upholsterers	180	140	-40	-22%	50	50	531
41-2022 Parts Salespersons	600	550	-50	-8%	170	170	537
43-3031 Bookkeeping, Accounting, and Auditing Clerks	3,030	2,970	-60	-2%	570	570	538
49-9012 Control and Valve Installers and Repairers, Except Mechanical Door	320	260	-60	-19%	80	80	538
51-9051 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	570	510	-60	-11%	140	140	538
35-2011 Cooks, Fast Food	1,530	1,460	-70	-5%	470	470	541
43-5071 Shipping, Receiving, and Traffic Clerks	1,170	1,100	-70	-6%	240	240	541
43-9011 Computer Operators	260	190	-70	-27%	60	60	541
43-4151 Order Clerks	560	480	-80	-14%	130	130	544
51-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawing	810	720	-90	-11%	210	210	545
43-9022 Word Processors and Typists	240	140	-100	-42%	50	50	546
51-9141 Semiconductor Processors	330	220	-110	-33%	70	70	547
51-2022 Electrical and Electronic Equipment Assemblers	630	500	-130	-21%	150	150	548
43-6014 Secretaries, Except Legal, Medical, and Executive	2,430	2,240	-190	-8%	470	470	549
43-5081 Stock Clerks and Order Fillers	2,400	2,130	-270	-11%	890	890	550

- 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 11

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 ¹	Total Openings	Rank
Total, All Occupations		218,230	237,700	19,470	9%	53,230	75,340	
45-4021	Fallers	20	80	60	300%	0	60	1
45-4022	Logging Equipment Operators	40	90	50	125%	10	60	2
31-2022	Physical Therapist Aides	30	50	20	67%	10	30	3
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	50	20	67%	10	20	3
53-1011	Aircraft Cargo Handling Supervisors	30	50	20	67%	10	30	3
21-1093	Social and Human Service Assistants	500	810	310	62%	90	400	6
31-9092	Medical Assistants	410	640	230	56%	80	300	7
13-2061	Financial Examiners	20	30	10	50%	10	10	8
19-1031	Conservation Scientists	20	30	10	50%	10	10	8
25-1011	Business Teachers, Postsecondary	120	180	60	50%	30	80	8
25-1021	Computer Science Teachers, Postsecondary	80	120	40	50%	20	50	8
25-1032	Engineering Teachers, Postsecondary	40	60	20	50%	10	30	8
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	0	10	8
25-1072	Nursing Instructors and Teachers, Postsecondary	40	60	20	50%	10	30	8
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	8
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	8
25-1125	History Teachers, Postsecondary	20	30	10	50%	0	10	8
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	20	8
25-1191	Graduate Teaching Assistants	20	30	10	50%	0	10	8
29-1061	Anesthesiologists	20	30	10	50%	0	10	8
29-1071	Physician Assistants	100	150	50	50%	20	70	8
29-1124	Radiation Therapists	40	60	20	50%	10	30	8
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	8
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	8
33-2021	Fire Inspectors and Investigators	20	30	10	50%	10	10	8
51-4062	Patternmakers, Metal and Plastic	20	30	10	50%	10	10	8
51-4192	Lay-Out Workers, Metal and Plastic	20	30	10	50%	0	10	8
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	8
53-2021	Air Traffic Controllers	20	30	10	50%	10	20	8
29-2071	Medical Records and Health Information Technicians	340	500	160	47%	50	210	30
21-1015	Rehabilitation Counselors	150	220	70	47%	40	100	31
25-3021	Self-Enrichment Education Teachers	520	760	240	46%	60	300	32
39-9031	Fitness Trainers and Aerobics Instructors	240	350	110	46%	60	170	33
25-1081	Education Teachers, Postsecondary	110	160	50	45%	30	70	34
25-1121	Art, Drama, and Music Teachers, Postsecondary	90	130	40	44%	20	60	35
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	30	36
21-1023	Mental Health and Substance Abuse Social Workers	70	100	30	43%	10	40	36
39-3011	Gaming Dealers	190	270	80	42%	60	130	38
19-4091	Environmental Science and Protection Technicians, Including Health	50	70	20	40%	10	30	39
21-1022	Medical and Public Health Social Workers	200	280	80	40%	30	110	39
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	39
25-1194	Vocational Education Teachers, Postsecondary	100	140	40	40%	20	70	39
27-4012	Broadcast Technicians	100	140	40	40%	30	70	39
27-4031	Camera Operators, Television, Video, and Motion Picture	50	70	20	40%	10	30	39
29-2054	Respiratory Therapy Technicians	50	70	20	40%	10	30	39
39-1011	Gaming Supervisors	80	110	30	38%	20	40	46
39-1012	Slot Key Persons	80	110	30	38%	20	40	46
43-3041	Gaming Cage Workers	80	110	30	38%	40	60	46
15-1081	Network Systems and Data Communications Analysts	140	190	50	36%	20	70	49
31-2021	Physical Therapist Assistants	310	420	110	35%	50	170	50
29-1122	Occupational Therapists	170	230	60	35%	20	80	51
29-1123	Physical Therapists	290	390	100	34%	30	130	52
39-9021	Personal and Home Care Aides	620	830	210	34%	100	310	53
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	40	10	33%	10	10	54
15-1061	Database Administrators	120	160	40	33%	10	60	54
17-3025	Environmental Engineering Technicians	30	40	10	33%	10	10	54
21-2021	Directors, Religious Activities and Education	30	40	10	33%	0	10	54

25-1066	Psychology Teachers, Postsecondary	30	40	10	33%	10	20	54
25-1123	English Language and Literature Teachers, Postsecondary	60	80	20	33%	10	40	54
29-1127	Speech-Language Pathologists	90	120	30	33%	20	50	54
29-2055	Surgical Technologists	210	280	70	33%	30	100	54
31-1013	Psychiatric Aides	30	40	10	33%	0	20	54
31-2011	Occupational Therapist Assistants	30	40	10	33%	0	10	54
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	40	10	33%	10	10	54
49-3011	Aircraft Mechanics and Service Technicians	30	40	10	33%	10	10	54
49-3052	Motorcycle Mechanics	30	40	10	33%	10	20	54
51-3092	Food Batchmakers	120	160	40	33%	30	70	54
53-6011	Bridge and Lock Tenders	30	40	10	33%	10	10	54
29-1126	Respiratory Therapists	190	250	60	32%	60	130	69
31-1011	Home Health Aides	710	930	220	31%	90	310	70
39-3091	Amusement and Recreation Attendants	130	170	40	31%	40	80	71
25-2012	Kindergarten Teachers, Except Special Education	230	300	70	30%	30	90	72
15-1032	Computer Software Engineers, Systems Software	100	130	30	30%	10	40	73
11-9111	Medical and Health Services Managers	470	610	140	30%	90	230	74
29-2034	Radiologic Technologists and Technicians	440	570	130	30%	80	210	75
11-2011	Advertising and Promotions Managers	70	90	20	29%	10	30	76
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	90	20	29%	20	30	76
17-2081	Environmental Engineers	70	90	20	29%	10	40	76
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	76
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	210	270	60	29%	50	110	76
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	76
27-2012	Producers and Directors	70	90	20	29%	10	30	76
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	70	90	20	29%	20	40	76
47-2081	Drywall and Ceiling Tile Installers	70	90	20	29%	20	30	76
15-1031	Computer Software Engineers, Applications	180	230	50	28%	20	60	85
29-1111	Registered Nurses	4,190	5,350	1,160	28%	880	2,030	86
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	60	87
53-2011	Airline Pilots, Copilots, and Flight Engineers	110	140	30	27%	30	60	87
11-9151	Social and Community Service Managers	150	190	40	27%	30	70	89
51-6031	Sewing Machine Operators	190	240	50	26%	20	80	90
15-1071	Network and Computer Systems Administrators	310	390	80	26%	30	120	91
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	100	20	25%	10	30	92
13-2052	Personal Financial Advisors	120	150	30	25%	20	40	92
19-2041	Environmental Scientists and Specialists, Including Health	80	100	20	25%	20	30	92
21-1011	Substance Abuse and Behavioral Disorder Counselors	80	100	20	25%	20	40	92
23-2011	Paralegals and Legal Assistants	160	200	40	25%	10	50	92
29-1011	Chiropractors	40	50	10	25%	10	20	92
29-1063	Internists, General	40	50	10	25%	10	20	92
29-1064	Obstetricians and Gynecologists	40	50	10	25%	10	10	92
45-2041	Graders and Sorters, Agricultural Products	40	50	10	25%	10	20	92
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	160	200	40	25%	20	50	92
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	92
53-3021	Bus Drivers, Transit and Intercity	40	50	10	25%	10	20	92
13-1111	Management Analysts	330	410	80	24%	50	120	104
27-3031	Public Relations Specialists	290	360	70	24%	40	110	105
29-1062	Family and General Practitioners	210	260	50	24%	30	70	106
15-1041	Computer Support Specialists	550	680	130	24%	70	200	107
29-1067	Surgeons	170	210	40	24%	20	60	108
43-4111	Interviewers, Except Eligibility and Loan	130	160	30	23%	30	70	109
29-2041	Emergency Medical Technicians and Paramedics	440	540	100	23%	50	160	110
11-3021	Computer and Information Systems Managers	310	380	70	23%	60	130	111
25-2042	Special Education Teachers, Middle School	90	110	20	22%	20	50	112
29-2021	Dental Hygienists	270	330	60	22%	20	80	112
29-2032	Diagnostic Medical Sonographers	90	110	20	22%	20	40	112
29-2052	Pharmacy Technicians	450	550	100	22%	60	160	112
29-2081	Opticians, Dispensing	180	220	40	22%	30	70	112
45-2091	Agricultural Equipment Operators	90	110	20	22%	30	40	112
49-9052	Telecommunications Line Installers and Repairers	90	110	20	22%	20	40	112
25-9041	Teacher Assistants	1,550	1,890	340	22%	300	640	119
49-9041	Industrial Machinery Mechanics	550	670	120	22%	110	230	120
27-2022	Coaches and Scouts	230	280	50	22%	50	100	121
31-9094	Medical Transcriptionists	230	280	50	22%	40	90	121
29-1051	Pharmacists	420	510	90	21%	80	170	123
29-2056	Veterinary Technologists and Technicians	140	170	30	21%	20	50	123
43-4171	Receptionists and Information Clerks	1,600	1,940	340	21%	390	730	125
41-3011	Advertising Sales Agents	330	400	70	21%	60	140	126
51-8031	Water and Liquid Waste Treatment Plant and System Operators	190	230	40	21%	60	110	127
31-9091	Dental Assistants	390	470	80	21%	110	190	128

15-1051	Computer Systems Analysts	300	360	60	20%	30	100	129
17-3031	Surveying and Mapping Technicians	100	120	20	20%	40	60	129
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	129
19-3031	Clinical, Counseling, and School Psychologists	50	60	10	20%	10	20	129
25-1042	Biological Science Teachers, Postsecondary	50	60	10	20%	10	30	129
25-2011	Preschool Teachers, Except Special Education	450	540	90	20%	50	150	129
27-2041	Music Directors and Composers	50	60	10	20%	10	20	129
29-1041	Optometrists	50	60	10	20%	10	30	129
31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	129
39-6011	Baggage Porters and Bellhops	50	60	10	20%	10	20	129
47-2051	Cement Masons and Concrete Finishers	300	360	60	20%	60	120	129
49-2092	Electric Motor, Power Tool, and Related Repairers	100	120	20	20%	20	40	129
49-9044	Millwrights	50	60	10	20%	10	20	129
11-9011	Farm, Ranch, and Other Agricultural Managers	160	190	30	19%	30	60	142
11-9032	Education Administrators, Elementary and Secondary School	270	320	50	19%	70	120	143
47-2111	Electricians	1,410	1,670	260	18%	280	540	144
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,090	1,290	200	18%	310	510	145
33-3021	Detectives and Criminal Investigators	110	130	20	18%	30	50	146
47-2022	Stonemasons	110	130	20	18%	20	30	146
33-3051	Police and Sheriff's Patrol Officers	670	790	120	18%	170	290	148
13-1073	Training and Development Specialists	340	400	60	18%	50	120	149
23-1011	Lawyers	350	410	60	17%	50	110	150
11-2022	Sales Managers	360	420	60	17%	70	130	151
15-2011	Actuaries	60	70	10	17%	20	30	151
17-3027	Mechanical Engineering Technicians	120	140	20	17%	30	40	151
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	151
23-2092	Law Clerks	60	70	10	17%	10	10	151
25-9031	Instructional Coordinators	60	70	10	17%	10	20	151
27-1026	Merchandise Displayers and Window Trimmers	60	70	10	17%	10	10	151
27-2023	Umpires, Referees, and Other Sports Officials	60	70	10	17%	10	20	151
27-2042	Musicians and Singers	180	210	30	17%	40	70	151
29-1031	Dietitians and Nutritionists	60	70	10	17%	20	30	151
35-1011	Chefs and Head Cooks	120	140	20	17%	40	50	151
39-4021	Funeral Attendants	60	70	10	17%	10	20	151
43-4081	Hotel, Motel, and Resort Desk Clerks	180	210	30	17%	80	110	151
51-9122	Painters, Transportation Equipment	60	70	10	17%	20	20	151
43-3011	Bill and Account Collectors	430	500	70	16%	80	160	165
25-2021	Elementary School Teachers, Except Special Education	2,290	2,650	360	16%	510	860	166
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,340	5,020	680	16%	710	1,390	167
39-2021	Nonfarm Animal Caretakers	130	150	20	15%	30	50	168
31-1012	Nursing Aides, Orderlies, and Attendants	2,150	2,480	330	15%	280	610	169
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	460	530	70	15%	130	200	170
51-9111	Packaging and Filling Machine Operators and Tenders	1,270	1,460	190	15%	250	450	171
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Meta	470	540	70	15%	110	170	172
13-2072	Loan Officers	270	310	40	15%	40	90	173
21-1012	Educational, Vocational, and School Counselors	270	310	40	15%	60	100	173
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	270	310	40	15%	70	110	173
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	610	700	90	15%	200	290	176
29-2012	Medical and Clinical Laboratory Technicians	340	390	50	15%	90	140	177
43-6012	Legal Secretaries	340	390	50	15%	60	120	177
35-2014	Cooks, Restaurant	1,370	1,570	200	15%	430	620	179
53-3022	Bus Drivers, School	760	870	110	14%	160	280	180
17-2051	Civil Engineers	210	240	30	14%	30	60	181
23-2091	Court Reporters	70	80	10	14%	10	10	181
27-2032	Choreographers	70	80	10	14%	40	50	181
27-3041	Editors	70	80	10	14%	20	20	181
29-1125	Recreational Therapists	70	80	10	14%	20	20	181
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	80	10	14%	20	30	181
41-2021	Counter and Rental Clerks	700	800	100	14%	270	370	181
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	20	181
51-3023	Slaughterers and Meat Packers	70	80	10	14%	20	20	181
53-5011	Sailors and Marine Oilers	70	80	10	14%	30	40	181
35-3031	Waiters and Waitresses	3,030	3,460	430	14%	1,560	1,980	191
33-2011	Fire Fighters	500	570	70	14%	140	220	192
47-2221	Structural Iron and Steel Workers	220	250	30	14%	40	70	193
13-1051	Cost Estimators	300	340	40	13%	70	100	194
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds	150	170	20	13%	10	30	194
49-9043	Maintenance Workers, Machinery	150	170	20	13%	40	50	194
11-3011	Administrative Services Managers	230	260	30	13%	50	70	197
29-2011	Medical and Clinical Laboratory Technologists	230	260	30	13%	60	90	197
17-2112	Industrial Engineers	470	530	60	13%	110	180	199

11-2021	Marketing Managers	160	180	20	13%	30	50	200
11-2031	Public Relations Managers	80	90	10	13%	10	30	200
13-1021	Purchasing Agents and Buyers, Farm Products	80	90	10	13%	30	40	200
17-1022	Surveyors	80	90	10	13%	30	40	200
31-9095	Pharmacy Aides	160	180	20	13%	30	50	200
41-3031	Securities, Commodities, and Financial Services Sales Agents	240	270	30	13%	30	60	200
41-9011	Demonstrators and Product Promoters	80	90	10	13%	20	30	200
41-9031	Sales Engineers	80	90	10	13%	20	30	200
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	80	90	10	13%	30	40	200
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,340	4,880	540	12%	1,880	2,420	209
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	570	640	70	12%	190	260	210
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic	330	370	40	12%	60	100	211
27-3010	Announcers	250	280	30	12%	60	100	212
43-4121	Library Assistants, Clerical	170	190	20	12%	70	90	213
47-2041	Carpet Installers	170	190	20	12%	30	50	213
47-3012	Helpers--Carpenters	170	190	20	12%	70	90	213
53-3041	Taxi Drivers and Chauffeurs	260	290	30	12%	20	60	216
53-7063	Machine Feeders and Offbearers	880	980	100	11%	240	340	217
43-4051	Customer Service Representatives	2,290	2,550	260	11%	340	600	218
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	710	790	80	11%	190	260	219
37-3011	Landscaping and Groundskeeping Workers	1,070	1,190	120	11%	230	360	220
13-1071	Employment, Recruitment, and Placement Specialists	180	200	20	11%	30	50	221
21-1014	Mental Health Counselors	90	100	10	11%	20	30	221
25-2032	Vocational Education Teachers, Secondary School	90	100	10	11%	20	30	221
27-3020	News Analysts, Reporters and Correspondents	90	100	10	11%	20	30	221
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	90	100	10	11%	20	30	221
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	90	100	10	11%	30	30	221
29-2061	Licensed Practical and Licensed Vocational Nurses	1,650	1,830	180	11%	360	540	227
25-4031	Library Technicians	280	310	30	11%	100	130	228
49-9098	Helpers--Installation, Maintenance, and Repair Workers	280	310	30	11%	100	120	228
33-9032	Security Guards	940	1,040	100	11%	210	300	230
35-2021	Food Preparation Workers	1,410	1,560	150	11%	500	650	230
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and	2,260	2,500	240	11%	590	840	232
11-9021	Construction Managers	380	420	40	11%	70	110	233
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	670	740	70	10%	440	510	234
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	480	530	50	10%	120	170	235
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,560	3,930	370	10%	680	1,040	236
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and	100	110	10	10%	20	30	237
13-2051	Financial Analysts	100	110	10	10%	20	30	237
27-1021	Commercial and Industrial Designers	100	110	10	10%	10	20	237
47-2130	Insulation Workers	200	220	20	10%	60	80	237
53-7064	Packers and Packagers, Hand	1,520	1,670	150	10%	280	440	241
39-9011	Child Care Workers	1,120	1,230	110	10%	310	420	242
43-5031	Police, Fire, and Ambulance Dispatchers	210	230	20	10%	50	60	243
25-2022	Middle School Teachers, Except Special and Vocational Education	530	580	50	9%	120	170	244
49-9042	Maintenance and Repair Workers, General	3,170	3,460	290	9%	610	900	245
27-3043	Writers and Authors	110	120	10	9%	20	30	246
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	240	20	9%	60	70	246
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	220	240	20	9%	50	70	246
47-2061	Construction Laborers	1,430	1,560	130	9%	190	320	246
47-2071	Paving, Surfacing, and Tamping Equipment Operators	110	120	10	9%	20	30	246
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders,	770	840	70	9%	190	250	246
47-2211	Sheet Metal Workers	670	730	60	9%	160	220	252
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	450	490	40	9%	110	150	253
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Work	1,130	1,230	100	9%	190	290	254
21-1021	Child, Family, and School Social Workers	340	370	30	9%	60	90	255
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	340	370	30	9%	60	80	255
11-1021	General and Operations Managers	2,520	2,740	220	9%	480	690	257
43-5032	Dispatchers, Except Police, Fire, and Ambulance	350	380	30	9%	70	100	258
11-3071	Transportation, Storage, and Distribution Managers	120	130	10	8%	20	40	259
13-2041	Credit Analysts	120	130	10	8%	20	30	259
49-3023	Automotive Service Technicians and Mechanics	1,440	1,560	120	8%	380	500	259
49-3041	Farm Equipment Mechanics	240	260	20	8%	50	70	259
11-1011	Chief Executives	610	660	50	8%	110	170	263
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2,110	2,280	170	8%	440	620	264
11-3031	Financial Managers	500	540	40	8%	70	110	265
17-3023	Electrical and Electronic Engineering Technicians	250	270	20	8%	50	70	265
47-2021	Brickmasons and Blockmasons	250	270	20	8%	40	60	265
53-3033	Truck Drivers, Light or Delivery Services	1,380	1,490	110	8%	130	240	268
33-3012	Correctional Officers and Jailers	380	410	30	8%	80	110	269
47-2152	Plumbers, Pipefitters, and Steamfitters	1,540	1,660	120	8%	360	470	270

13-2021	Appraisers and Assessors of Real Estate	130	140	10	8%	30	40	271
29-9010	Occupational Health and Safety Specialists and Technicians	130	140	10	8%	30	40	271
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	50	271
39-9032	Recreation Workers	260	280	20	8%	60	80	271
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	390	420	30	8%	100	130	271
45-2093	Farmworkers, Farm and Ranch Animals	130	140	10	8%	40	50	271
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, ar	260	280	20	8%	50	70	271
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Mach	520	560	40	8%	120	160	271
51-2092	Team Assemblers	4,300	4,630	330	8%	1,110	1,440	279
13-2011	Accountants and Auditors	1,600	1,720	120	8%	300	430	280
25-4021	Librarians	270	290	20	7%	60	80	281
51-9022	Grinding and Polishing Workers, Hand	270	290	20	7%	70	90	281
11-9041	Engineering Managers	280	300	20	7%	60	80	283
17-3011	Architectural and Civil Drafters	140	150	10	7%	40	50	283
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	140	150	10	7%	30	30	283
35-3041	Food Servers, Nonrestaurant	140	150	10	7%	50	60	283
39-3031	Ushers, Lobby Attendants, and Ticket Takers	140	150	10	7%	80	90	283
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	420	450	30	7%	120	150	283
51-4121	Welders, Cutters, Solderers, and Brazers	700	750	50	7%	200	250	283
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, a	560	600	40	7%	150	180	283
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,140	1,220	80	7%	290	370	291
47-2181	Roofers	1,000	1,070	70	7%	230	300	292
47-2121	Glaziers	150	160	10	7%	30	40	293
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,360	1,450	90	7%	320	410	294
37-2012	Maids and Housekeeping Cleaners	1,360	1,450	90	7%	290	370	294
51-4041	Machinists	610	650	40	7%	140	180	296
41-2031	Retail Salespersons	5,950	6,340	390	7%	2,160	2,550	297
43-6013	Medical Secretaries	470	500	30	6%	90	130	298
41-2011	Cashiers	5,430	5,770	340	6%	2,640	2,980	299
29-1131	Veterinarians	160	170	10	6%	40	50	300
47-2073	Operating Engineers and Other Construction Equipment Operators	970	1,030	60	6%	250	320	301
49-3021	Automotive Body and Related Repairers	330	350	20	6%	70	90	302
17-3012	Electrical and Electronics Drafters	170	180	10	6%	50	60	303
43-4031	Court, Municipal, and License Clerks	170	180	10	6%	40	50	303
51-3011	Bakers	340	360	20	6%	80	100	303
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, I	350	370	20	6%	80	100	306
13-1031	Claims Adjusters, Examiners, and Investigators	180	190	10	6%	20	40	307
17-3013	Mechanical Drafters	180	190	10	6%	50	60	307
43-5061	Production, Planning, and Expediting Clerks	540	570	30	6%	130	160	307
41-3021	Insurance Sales Agents	750	790	40	5%	180	210	310
43-9061	Office Clerks, General	4,490	4,720	230	5%	1,000	1,230	311
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	400	420	20	5%	100	120	312
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	200	210	10	5%	40	60	312
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	200	210	10	5%	40	60	312
35-9021	Dishwashers	610	640	30	5%	210	240	315
11-3051	Industrial Production Managers	420	440	20	5%	80	110	316
43-3021	Billing and Posting Clerks and Machine Operators	1,070	1,120	50	5%	180	230	317
47-2031	Carpenters	1,300	1,360	60	5%	210	270	318
53-7061	Cleaners of Vehicles and Equipment	660	690	30	5%	230	260	319
11-3040	Human Resources Managers	230	240	10	4%	40	50	320
47-2141	Painters, Construction and Maintenance	700	730	30	4%	110	130	321
51-9198	Helpers--Production Workers	2,570	2,680	110	4%	720	830	322
51-6011	Laundry and Dry-Cleaning Workers	480	500	20	4%	130	150	323
11-9141	Property, Real Estate, and Community Association Managers	250	260	10	4%	50	60	324
49-2011	Computer, Automated Teller, and Office Machine Repairers	250	260	10	4%	30	40	324
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and I	500	520	20	4%	170	190	324
27-1024	Graphic Designers	290	300	10	3%	40	50	327
43-3071	Tellers	880	910	30	3%	430	460	328
53-7081	Refuse and Recyclable Material Collectors	300	310	10	3%	80	80	329
53-7051	Industrial Truck and Tractor Operators	1,520	1,570	50	3%	290	340	330
35-2015	Cooks, Short Order	340	350	10	3%	100	120	331
35-3011	Bartenders	1,040	1,070	30	3%	410	440	332
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,620	1,660	40	2%	370	410	333
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,660	2,720	60	2%	480	540	334
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Worker	2,200	2,240	40	2%	470	520	335
11-9051	Food Service Managers	660	670	10	2%	110	120	336
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	780	790	10	1%	150	160	337
43-6011	Executive Secretaries and Administrative Assistants	1,740	1,760	20	1%	330	350	338
11-9061	Funeral Directors	80	80	0	0%	20	20	339
11-9071	Gaming Managers	30	30	0	0%	10	10	339
11-9081	Lodging Managers	50	50	0	0%	10	10	339

11-9121	Natural Sciences Managers	50	50	0	0%	10	10	339
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	300	0	0%	80	80	339
13-1061	Emergency Management Specialists	30	30	0	0%	10	10	339
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	339
13-2031	Budget Analysts	20	20	0	0%	0	10	339
13-2053	Insurance Underwriters	40	40	0	0%	10	10	339
15-1021	Computer Programmers	310	310	0	0%	70	70	339
15-2031	Operations Research Analysts	30	30	0	0%	10	10	339
15-2041	Statisticians	30	30	0	0%	10	10	339
17-2031	Biomedical Engineers	20	20	0	0%	0	0	339
17-2041	Chemical Engineers	50	50	0	0%	10	20	339
17-2071	Electrical Engineers	160	160	0	0%	30	30	339
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	339
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	60	0	0%	20	20	339
17-2141	Mechanical Engineers	340	340	0	0%	90	100	339
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	40	40	0	0%	10	10	339
17-3022	Civil Engineering Technicians	40	40	0	0%	10	10	339
19-1010	Agricultural and Food Scientists	30	30	0	0%	10	10	339
19-1022	Microbiologists	20	20	0	0%	10	10	339
19-2012	Physicists	20	20	0	0%	10	10	339
19-2031	Chemists	140	140	0	0%	50	50	339
19-2032	Materials Scientists	20	20	0	0%	10	10	339
19-3011	Economists	30	30	0	0%	10	10	339
19-3021	Market Research Analysts	240	240	0	0%	60	70	339
19-4021	Biological Technicians	130	130	0	0%	20	30	339
21-1091	Health Educators	40	40	0	0%	10	10	339
21-2011	Clergy	60	60	0	0%	10	20	339
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	30	0	0%	0	10	339
23-1022	Arbitrators, Mediators, and Conciliators	20	20	0	0%	0	0	339
23-1023	Judges, Magistrate Judges, and Magistrates	50	50	0	0%	10	10	339
23-2093	Title Examiners, Abstractors, and Searchers	130	130	0	0%	20	20	339
25-1052	Chemistry Teachers, Postsecondary	20	20	0	0%	0	10	339
25-1122	Communications Teachers, Postsecondary	30	30	0	0%	10	20	339
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	20	20	0	0%	0	10	339
25-2023	Vocational Education Teachers, Middle School	20	20	0	0%	0	10	339
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	339
25-9011	Audio-Visual Collections Specialists	20	20	0	0%	0	10	339
27-1011	Art Directors	40	40	0	0%	10	10	339
27-1014	Multi-Media Artists and Animators	30	30	0	0%	10	10	339
27-1025	Interior Designers	50	50	0	0%	10	10	339
27-1027	Set and Exhibit Designers	20	20	0	0%	0	10	339
27-3042	Technical Writers	20	20	0	0%	10	10	339
27-4011	Audio and Video Equipment Technicians	20	20	0	0%	0	10	339
27-4021	Photographers	240	240	0	0%	50	50	339
29-1020	Dentists	70	70	0	0%	10	10	339
29-1065	Pediatricians, General	20	20	0	0%	0	10	339
29-1066	Psychiatrists	20	20	0	0%	0	10	339
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	20	20	0	0%	10	10	339
33-3011	Bailiffs	60	60	0	0%	10	20	339
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	339
33-9011	Animal Control Workers	20	20	0	0%	10	10	339
33-9031	Gaming Surveillance Officers and Gaming Investigators	20	20	0	0%	0	10	339
33-9091	Crossing Guards	70	70	0	0%	20	30	339
37-2021	Pest Control Workers	110	110	0	0%	20	20	339
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	70	70	0	0%	20	20	339
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	339
39-3021	Motion Picture Projectionists	20	20	0	0%	10	10	339
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	339
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	0	339
39-5094	Skin Care Specialists	20	20	0	0%	0	0	339
39-9041	Residential Advisors	50	50	0	0%	10	20	339
41-9012	Models	20	20	0	0%	0	10	339
41-9021	Real Estate Brokers	40	40	0	0%	10	10	339
41-9022	Real Estate Sales Agents	220	220	0	0%	40	40	339
43-3051	Payroll and Timekeeping Clerks	400	400	0	0%	110	110	339
43-4021	Correspondence Clerks	30	30	0	0%	10	10	339
43-4141	New Accounts Clerks	80	80	0	0%	20	20	339
43-5011	Cargo and Freight Agents	40	40	0	0%	10	10	339
43-5051	Postal Service Clerks	120	120	0	0%	30	30	339
43-9031	Desktop Publishers	20	20	0	0%	0	10	339
43-9071	Office Machine Operators, Except Computer	80	80	0	0%	20	20	339

43-9081	Proofreaders and Copy Markers	30	30	0	0%	10	10	339
47-2082	Tapers	20	20	0	0%	0	10	339
47-2151	Pipelayers	30	30	0	0%	10	10	339
47-2161	Plasterers and Stucco Masons	50	50	0	0%	10	10	339
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Set	180	180	0	0%	80	80	339
47-3013	Helpers--Electricians	100	100	0	0%	40	40	339
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	110	110	0	0%	50	50	339
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	339
47-4021	Elevator Installers and Repairers	40	40	0	0%	10	10	339
47-4051	Highway Maintenance Workers	260	260	0	0%	40	40	339
47-5061	Roof Bolters, Mining	30	30	0	0%	10	10	339
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	339
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	50	50	0	0%	10	20	339
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	90	90	0	0%	20	20	339
49-2098	Security and Fire Alarm Systems Installers	40	40	0	0%	10	10	339
49-3022	Automotive Glass Installers and Repairers	20	20	0	0%	0	0	339
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	330	330	0	0%	70	70	339
49-3051	Motorboat Mechanics	30	30	0	0%	10	10	339
49-3093	Tire Repairers and Changers	230	230	0	0%	100	100	339
49-9011	Mechanical Door Repairers	20	20	0	0%	0	10	339
49-9031	Home Appliance Repairers	120	120	0	0%	30	30	339
49-9062	Medical Equipment Repairers	20	20	0	0%	0	0	339
49-9063	Musical Instrument Repairers and Tuners	30	30	0	0%	10	10	339
49-9094	Locksmiths and Safe Repairers	20	20	0	0%	10	10	339
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	339
49-9096	Riggers	20	20	0	0%	0	0	339
51-2031	Engine and Other Machine Assemblers	30	30	0	0%	10	10	339
51-2041	Structural Metal Fabricators and Fitters	300	300	0	0%	70	70	339
51-2091	Fiberglass Laminators and Fabricators	40	40	0	0%	10	10	339
51-3093	Food Cooking Machine Operators and Tenders	100	100	0	0%	20	30	339
51-4012	Numerical Tool and Process Control Programmers	90	90	0	0%	20	20	339
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0%	20	20	339
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and	130	130	0	0%	30	30	339
51-4051	Metal-Refining Furnace Operators and Tenders	100	100	0	0%	20	30	339
51-4052	Pourers and Casters, Metal	60	60	0	0%	10	20	339
51-4061	Model Makers, Metal and Plastic	40	40	0	0%	10	10	339
51-4071	Foundry Mold and Coremakers	240	240	0	0%	60	60	339
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Pla	50	50	0	0%	10	10	339
51-6021	Pressers, Textile, Garment, and Related Materials	110	110	0	0%	20	20	339
51-6052	Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	10	10	339
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	339
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	270	270	0	0%	80	80	339
51-8091	Chemical Plant and System Operators	30	30	0	0%	10	10	339
51-9011	Chemical Equipment Operators and Tenders	40	40	0	0%	10	10	339
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Oper	30	30	0	0%	10	10	339
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	190	190	0	0%	50	50	339
51-9071	Jewelers and Precious Stone and Metal Workers	70	70	0	0%	20	20	339
51-9083	Ophthalmic Laboratory Technicians	30	30	0	0%	10	10	339
51-9123	Painting, Coating, and Decorating Workers	90	90	0	0%	20	30	339
51-9132	Photographic Processing Machine Operators	190	190	0	0%	50	50	339
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	40	0	0%	10	10	339
53-5022	Motorboat Operators	20	20	0	0%	10	10	339
53-6021	Parking Lot Attendants	50	50	0	0%	10	10	339
53-6031	Service Station Attendants	180	180	0	0%	80	80	339
53-7011	Conveyor Operators and Tenders	160	160	0	0%	50	50	339
53-7021	Crane and Tower Operators	80	80	0	0%	20	20	339
53-7032	Excavating and Loading Machine and Dragline Operators	190	190	0	0%	50	50	339
53-7033	Loading Machine Operators, Underground Mining	50	50	0	0%	20	20	339
53-7072	Pump Operators, Except Wellhead Pumps	60	60	0	0%	20	20	339
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,830	3,810	-20	-1%	1,250	1,250	472
51-7011	Cabinetmakers and Bench Carpenters	1,030	1,020	-10	-1%	260	260	473
43-5052	Postal Service Mail Carriers	550	540	-10	-2%	170	170	474
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,030	2,970	-60	-2%	570	570	475
29-2053	Psychiatric Technicians	360	350	-10	-3%	50	50	476
51-9196	Paper Goods Machine Setters, Operators, and Tenders	310	300	-10	-3%	70	70	477
53-3031	Driver/Sales Workers	600	580	-20	-3%	100	100	478
51-5023	Printing Machine Operators	270	260	-10	-4%	60	60	479
47-2011	Boilermakers	250	240	-10	-4%	90	90	480
35-2012	Cooks, Institution and Cafeteria	900	860	-40	-4%	280	280	481
35-2011	Cooks, Fast Food	1,530	1,460	-70	-5%	470	470	482
43-9041	Insurance Claims and Policy Processing Clerks	210	200	-10	-5%	30	30	483

49-9051	Electrical Power-Line Installers and Repairers	210	200	-10	-5%	70	70	483
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and	620	590	-30	-5%	180	180	485
41-9041	Telemarketers	200	190	-10	-5%	30	30	486
19-4031	Chemical Technicians	180	170	-10	-6%	40	40	487
43-2011	Switchboard Operators, Including Answering Service	360	340	-20	-6%	90	90	487
43-5071	Shipping, Receiving, and Traffic Clerks	1,170	1,100	-70	-6%	240	240	489
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	320	300	-20	-6%	80	80	490
11-1031	Legislators	150	140	-10	-7%	20	20	491
39-5012	Hairdressers, Hairstylists, and Cosmetologists	570	530	-40	-7%	110	110	492
43-4071	File Clerks	280	260	-20	-7%	80	80	493
49-9045	Refractory Materials Repairers, Except Brickmasons	400	370	-30	-8%	80	80	494
51-5021	Job Printers	130	120	-10	-8%	30	30	495
43-6014	Secretaries, Except Legal, Medical, and Executive	2,430	2,240	-190	-8%	470	470	496
51-8013	Power Plant Operators	380	350	-30	-8%	100	100	497
51-7021	Furniture Finishers	370	340	-30	-8%	70	70	498
11-3061	Purchasing Managers	120	110	-10	-8%	30	30	499
41-2022	Parts Salespersons	600	550	-50	-8%	170	170	499
51-4111	Tool and Die Makers	350	320	-30	-9%	80	80	501
27-1023	Floral Designers	230	210	-20	-9%	30	30	502
13-2082	Tax Preparers	110	100	-10	-9%	20	20	503
39-5011	Barbers	110	100	-10	-9%	30	30	503
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	210	190	-20	-10%	60	60	505
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	100	90	-10	-10%	20	20	506
51-8021	Stationary Engineers and Boiler Operators	100	90	-10	-10%	20	20	506
43-3061	Procurement Clerks	190	170	-20	-11%	50	50	508
43-9021	Data Entry Keyers	380	340	-40	-11%	90	90	508
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	570	510	-60	-11%	140	140	508
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	511
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	810	720	-90	-11%	210	210	511
51-9031	Cutters and Trimmers, Hand	90	80	-10	-11%	20	20	511
43-5081	Stock Clerks and Order Fillers	2,400	2,130	-270	-11%	890	890	514
17-3026	Industrial Engineering Technicians	340	300	-40	-12%	70	70	515
43-4131	Loan Interviewers and Clerks	340	300	-40	-12%	50	50	515
51-3021	Butchers and Meat Cutters	170	150	-20	-12%	40	40	515
11-9131	Postmasters and Mail Superintendents	80	70	-10	-13%	10	10	518
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	518
41-3041	Travel Agents	70	60	-10	-14%	20	20	520
43-4151	Order Clerks	560	480	-80	-14%	130	130	520
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	70	60	-10	-14%	20	20	520
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	70	60	-10	-14%	20	20	520
51-5022	Prepress Technicians and Workers	70	60	-10	-14%	20	20	520
43-5041	Meter Readers, Utilities	60	50	-10	-17%	20	20	525
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	180	150	-30	-17%	50	50	525
51-9191	Cementing and Gluing Machine Operators and Tenders	110	90	-20	-18%	30	30	527
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	320	260	-60	-19%	80	80	528
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Worker	50	40	-10	-20%	10	10	529
43-4011	Brokerage Clerks	50	40	-10	-20%	10	10	529
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	50	40	-10	-20%	20	20	529
51-2022	Electrical and Electronic Equipment Assemblers	630	500	-130	-21%	150	150	532
51-6093	Upholsterers	180	140	-40	-22%	50	50	533
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	90	70	-20	-22%	20	20	533
17-2061	Computer Hardware Engineers	130	100	-30	-23%	20	20	535
43-4041	Credit Authorizers, Checkers, and Clerks	80	60	-20	-25%	10	10	536
43-4061	Eligibility Interviewers, Government Programs	40	30	-10	-25%	10	10	536
47-5041	Continuous Mining Machine Operators	40	30	-10	-25%	10	10	536
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	80	60	-20	-25%	20	20	536
43-9011	Computer Operators	260	190	-70	-27%	60	60	540
51-2021	Coil Winders, Tapers, and Finishers	60	40	-20	-33%	10	10	541
51-2023	Electromechanical Equipment Assemblers	30	20	-10	-33%	10	10	541
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	60	40	-20	-33%	10	10	541
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30	20	-10	-33%	0	0	541
51-5011	Bindery Workers	60	40	-20	-33%	20	20	541
51-9141	Semiconductor Processors	330	220	-110	-33%	70	70	541
53-5021	Captains, Mates, and Pilots of Water Vessels	30	20	-10	-33%	10	10	541
53-7111	Shuttle Car Operators	30	20	-10	-33%	10	10	541
43-9022	Word Processors and Typists	240	140	-100	-42%	50	50	549
51-9194	Etchers and Engravers	20	10	-10	-50%	0	0	550

- 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 11

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 ¹	Total Openings	Rank
Total, All Occupations		218,230	237,700	19,470	9%	53,230	75,340	
41-2011	Cashiers	5,430	5,770	340	6%	2,640	2,980	1
41-2031	Retail Salespersons	5,950	6,340	390	7%	2,160	2,550	2
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,340	4,880	540	12%	1,880	2,420	3
29-1111	Registered Nurses	4,190	5,350	1,160	28%	880	2,030	4
35-3031	Waiters and Waitresses	3,030	3,460	430	14%	1,560	1,980	5
51-2092	Team Assemblers	4,300	4,630	330	8%	1,110	1,440	6
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4,340	5,020	680	16%	710	1,390	7
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,830	3,810	-20	-1%	1,250	1,250	8
43-9061	Office Clerks, General	4,490	4,720	230	5%	1,000	1,230	9
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,560	3,930	370	10%	680	1,040	10
49-9042	Maintenance and Repair Workers, General	3,170	3,460	290	9%	610	900	11
43-5081	Stock Clerks and Order Fillers	2,400	2,130	-270	-11%	890	890	12
25-2021	Elementary School Teachers, Except Special Education	2,290	2,650	360	16%	510	860	13
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,260	2,500	240	11%	590	840	14
51-9198	Helpers--Production Workers	2,570	2,680	110	4%	720	830	15
43-4171	Receptionists and Information Clerks	1,600	1,940	340	21%	390	730	16
11-1021	General and Operations Managers	2,520	2,740	220	9%	480	690	17
35-2021	Food Preparation Workers	1,410	1,560	150	11%	500	650	18
25-9041	Teacher Assistants	1,550	1,890	340	22%	300	640	19
35-2014	Cooks, Restaurant	1,370	1,570	200	15%	430	620	20
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2,110	2,280	170	8%	440	620	20
31-1012	Nursing Aides, Orderlies, and Attendants	2,150	2,480	330	15%	280	610	22
43-4051	Customer Service Representatives	2,290	2,550	260	11%	340	600	23
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,030	2,970	-60	-2%	570	570	24
29-2061	Licensed Practical and Licensed Vocational Nurses	1,650	1,830	180	11%	360	540	25
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,660	2,720	60	2%	480	540	25
47-2111	Electricians	1,410	1,670	260	18%	280	540	25
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,200	2,240	40	2%	470	520	28
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,090	1,290	200	18%	310	510	29
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	670	740	70	10%	440	510	29
49-3023	Automotive Service Technicians and Mechanics	1,440	1,560	120	8%	380	500	31
35-2011	Cooks, Fast Food	1,530	1,460	-70	-5%	470	470	32
43-6014	Secretaries, Except Legal, Medical, and Executive	2,430	2,240	-190	-8%	470	470	32
47-2152	Plumbers, Pipefitters, and Steamfitters	1,540	1,660	120	8%	360	470	32
43-3071	Tellers	880	910	30	3%	430	460	35
51-9111	Packaging and Filling Machine Operators and Tenders	1,270	1,460	190	15%	250	450	36
35-3011	Bartenders	1,040	1,070	30	3%	410	440	37
53-7064	Packers and Packagers, Hand	1,520	1,670	150	10%	280	440	37
13-2011	Accountants and Auditors	1,600	1,720	120	8%	300	430	39
39-9011	Child Care Workers	1,120	1,230	110	10%	310	420	40
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,360	1,450	90	7%	320	410	41
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,620	1,660	40	2%	370	410	41
21-1093	Social and Human Service Assistants	500	810	310	62%	90	400	43
37-2012	Maids and Housekeeping Cleaners	1,360	1,450	90	7%	290	370	44
41-2021	Counter and Rental Clerks	700	800	100	14%	270	370	44
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,140	1,220	80	7%	290	370	44
37-3011	Landscaping and Groundskeeping Workers	1,070	1,190	120	11%	230	360	47
43-6011	Executive Secretaries and Administrative Assistants	1,740	1,760	20	1%	330	350	48
53-7051	Industrial Truck and Tractor Operators	1,520	1,570	50	3%	290	340	49
53-7063	Machine Feeders and Offbearers	880	980	100	11%	240	340	49
47-2061	Construction Laborers	1,430	1,560	130	9%	190	320	51
47-2073	Operating Engineers and Other Construction Equipment Operators	970	1,030	60	6%	250	320	51
31-1011	Home Health Aides	710	930	220	31%	90	310	53
39-9021	Personal and Home Care Aides	620	830	210	34%	100	310	53

25-3021	Self-Enrichment Education Teachers	520	760	240	46%	60	300	55
31-9092	Medical Assistants	410	640	230	56%	80	300	55
33-9032	Security Guards	940	1,040	100	11%	210	300	55
47-2181	Roofers	1,000	1,070	70	7%	230	300	55
33-3051	Police and Sheriff's Patrol Officers	670	790	120	18%	170	290	59
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	610	700	90	15%	200	290	59
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,130	1,230	100	9%	190	290	59
35-2012	Cooks, Institution and Cafeteria	900	860	-40	-4%	280	280	62
53-3022	Bus Drivers, School	760	870	110	14%	160	280	62
47-2031	Carpenters	1,300	1,360	60	5%	210	270	64
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	570	640	70	12%	190	260	65
51-7011	Cabinetmakers and Bench Carpenters	1,030	1,020	-10	-1%	260	260	65
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	710	790	80	11%	190	260	65
53-7061	Cleaners of Vehicles and Equipment	660	690	30	5%	230	260	65
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	770	840	70	9%	190	250	69
51-4121	Welders, Cutters, Solderers, and Brazers	700	750	50	7%	200	250	69
35-9021	Dishwashers	610	640	30	5%	210	240	71
43-5071	Shipping, Receiving, and Traffic Clerks	1,170	1,100	-70	-6%	240	240	71
53-3033	Truck Drivers, Light or Delivery Services	1,380	1,490	110	8%	130	240	71
11-9111	Medical and Health Services Managers	470	610	140	30%	90	230	74
43-3021	Billing and Posting Clerks and Machine Operators	1,070	1,120	50	5%	180	230	74
49-9041	Industrial Machinery Mechanics	550	670	120	22%	110	230	74
33-2011	Fire Fighters	500	570	70	14%	140	220	77
47-2211	Sheet Metal Workers	670	730	60	9%	160	220	77
29-2034	Radiologic Technologists and Technicians	440	570	130	30%	80	210	79
29-2071	Medical Records and Health Information Technicians	340	500	160	47%	50	210	79
41-3021	Insurance Sales Agents	750	790	40	5%	180	210	79
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	810	720	-90	-11%	210	210	79
15-1041	Computer Support Specialists	550	680	130	24%	70	200	83
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	460	530	70	15%	130	200	83
31-9091	Dental Assistants	390	470	80	21%	110	190	85
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	500	520	20	4%	170	190	85
17-2112	Industrial Engineers	470	530	60	13%	110	180	87
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	620	590	-30	-5%	180	180	87
51-4041	Machinists	610	650	40	7%	140	180	87
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	560	600	40	7%	150	180	87
11-1011	Chief Executives	610	660	50	8%	110	170	91
25-2022	Middle School Teachers, Except Special and Vocational Education	530	580	50	9%	120	170	91
29-1051	Pharmacists	420	510	90	21%	80	170	91
31-2021	Physical Therapist Assistants	310	420	110	35%	50	170	91
39-9031	Fitness Trainers and Aerobics Instructors	240	350	110	46%	60	170	91
41-2022	Parts Salespersons	600	550	-50	-8%	170	170	91
43-5052	Postal Service Mail Carriers	550	540	-10	-2%	170	170	91
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	480	530	50	10%	120	170	91
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	470	540	70	15%	110	170	91
29-2041	Emergency Medical Technicians and Paramedics	440	540	100	23%	50	160	100
29-2052	Pharmacy Technicians	450	550	100	22%	60	160	100
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	780	790	10	1%	150	160	100
43-3011	Bill and Account Collectors	430	500	70	16%	80	160	100
43-5061	Production, Planning, and Expediting Clerks	540	570	30	6%	130	160	100
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	520	560	40	8%	120	160	100
25-2011	Preschool Teachers, Except Special Education	450	540	90	20%	50	150	106
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	450	490	40	9%	110	150	106
51-2022	Electrical and Electronic Equipment Assemblers	630	500	-130	-21%	150	150	106
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	420	450	30	7%	120	150	106
51-6011	Laundry and Dry-Cleaning Workers	480	500	20	4%	130	150	106
29-2012	Medical and Clinical Laboratory Technicians	340	390	50	15%	90	140	111
41-3011	Advertising Sales Agents	330	400	70	21%	60	140	111
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	570	510	-60	-11%	140	140	111
11-2022	Sales Managers	360	420	60	17%	70	130	114
11-3021	Computer and Information Systems Managers	310	380	70	23%	60	130	114
25-4031	Library Technicians	280	310	30	11%	100	130	114
29-1123	Physical Therapists	290	390	100	34%	30	130	114
29-1126	Respiratory Therapists	190	250	60	32%	60	130	114
39-3011	Gaming Dealers	190	270	80	42%	60	130	114
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	390	420	30	8%	100	130	114
43-4151	Order Clerks	560	480	-80	-14%	130	130	114

43-6013	Medical Secretaries	470	500	30	6%	90	130	114
47-2141	Painters, Construction and Maintenance	700	730	30	4%	110	130	114
11-9032	Education Administrators, Elementary and Secondary School	270	320	50	19%	70	120	124
11-9051	Food Service Managers	660	670	10	2%	110	120	124
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	400	420	20	5%	100	120	124
13-1073	Training and Development Specialists	340	400	60	18%	50	120	124
13-1111	Management Analysts	330	410	80	24%	50	120	124
15-1071	Network and Computer Systems Administrators	310	390	80	26%	30	120	124
35-2015	Cooks, Short Order	340	350	10	3%	100	120	124
43-6012	Legal Secretaries	340	390	50	15%	60	120	124
47-2051	Cement Masons and Concrete Finishers	300	360	60	20%	60	120	124
49-9098	Helpers--Installation, Maintenance, and Repair Workers	280	310	30	11%	100	120	124
11-3031	Financial Managers	500	540	40	8%	70	110	134
11-3051	Industrial Production Managers	420	440	20	5%	80	110	134
11-9021	Construction Managers	380	420	40	11%	70	110	134
21-1022	Medical and Public Health Social Workers	200	280	80	40%	30	110	134
23-1011	Lawyers	350	410	60	17%	50	110	134
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	210	270	60	29%	50	110	134
27-3031	Public Relations Specialists	290	360	70	24%	40	110	134
33-3012	Correctional Officers and Jailers	380	410	30	8%	80	110	134
39-5012	Hairdressers, Hairstylists, and Cosmetologists	570	530	-40	-7%	110	110	134
43-3051	Payroll and Timekeeping Clerks	400	400	0	0%	110	110	134
43-4081	Hotel, Motel, and Resort Desk Clerks	180	210	30	17%	80	110	134
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	270	310	40	15%	70	110	134
51-8031	Water and Liquid Waste Treatment Plant and System Operators	190	230	40	21%	60	110	134
13-1051	Cost Estimators	300	340	40	13%	70	100	147
15-1051	Computer Systems Analysts	300	360	60	20%	30	100	147
17-2141	Mechanical Engineers	340	340	0	0%	90	100	147
21-1012	Educational, Vocational, and School Counselors	270	310	40	15%	60	100	147
21-1015	Rehabilitation Counselors	150	220	70	47%	40	100	147
27-2022	Coaches and Scouts	230	280	50	22%	50	100	147
27-3010	Announcers	250	280	30	12%	60	100	147
29-2055	Surgical Technologists	210	280	70	33%	30	100	147
43-5032	Dispatchers, Except Police, Fire, and Ambulance	350	380	30	9%	70	100	147
49-3093	Tire Repairers and Changers	230	230	0	0%	100	100	147
51-3011	Bakers	340	360	20	6%	80	100	147
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	330	370	40	12%	60	100	147
51-8013	Power Plant Operators	380	350	-30	-8%	100	100	147
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	350	370	20	6%	80	100	147
53-3031	Driver/Sales Workers	600	580	-20	-3%	100	100	147
13-2072	Loan Officers	270	310	40	15%	40	90	162
21-1021	Child, Family, and School Social Workers	340	370	30	9%	60	90	162
25-2012	Kindergarten Teachers, Except Special Education	230	300	70	30%	30	90	162
29-2011	Medical and Clinical Laboratory Technologists	230	260	30	13%	60	90	162
31-9094	Medical Transcriptionists	230	280	50	22%	40	90	162
39-3031	Ushers, Lobby Attendants, and Ticket Takers	140	150	10	7%	80	90	162
43-2011	Switchboard Operators, Including Answering Service	360	340	-20	-6%	90	90	162
43-4121	Library Assistants, Clerical	170	190	20	12%	70	90	162
43-9021	Data Entry Keyers	380	340	-40	-11%	90	90	162
47-2011	Boilermakers	250	240	-10	-4%	90	90	162
47-3012	Helpers--Carpenters	170	190	20	12%	70	90	162
49-3021	Automotive Body and Related Repairers	330	350	20	6%	70	90	162
51-9022	Grinding and Polishing Workers, Hand	270	290	20	7%	70	90	162
11-9041	Engineering Managers	280	300	20	7%	60	80	175
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	300	0	0%	80	80	175
25-1011	Business Teachers, Postsecondary	120	180	60	50%	30	80	175
25-4021	Librarians	270	290	20	7%	60	80	175
29-1122	Occupational Therapists	170	230	60	35%	20	80	175
29-2021	Dental Hygienists	270	330	60	22%	20	80	175
39-3091	Amusement and Recreation Attendants	130	170	40	31%	40	80	175
39-9032	Recreation Workers	260	280	20	8%	60	80	175
43-4071	File Clerks	280	260	-20	-7%	80	80	175
47-2130	Insulation Workers	200	220	20	10%	60	80	175
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	180	180	0	0%	80	80	175
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	320	260	-60	-19%	80	80	175
49-9045	Refractory Materials Repairers, Except Brickmasons	400	370	-30	-8%	80	80	175
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	340	370	30	9%	60	80	175

51-4111	Tool and Die Makers	350	320	-30	-9%	80	80	175
51-6031	Sewing Machine Operators	190	240	50	26%	20	80	175
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	270	270	0	0%	80	80	175
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	320	300	-20	-6%	80	80	175
53-6031	Service Station Attendants	180	180	0	0%	80	80	175
53-7081	Refuse and Recyclable Material Collectors	300	310	10	3%	80	80	175
11-3011	Administrative Services Managers	230	260	30	13%	50	70	195
11-9151	Social and Community Service Managers	150	190	40	27%	30	70	195
15-1021	Computer Programmers	310	310	0	0%	70	70	195
15-1081	Network Systems and Data Communications Analysts	140	190	50	36%	20	70	195
17-3023	Electrical and Electronic Engineering Technicians	250	270	20	8%	50	70	195
17-3026	Industrial Engineering Technicians	340	300	-40	-12%	70	70	195
19-3021	Market Research Analysts	240	240	0	0%	60	70	195
25-1081	Education Teachers, Postsecondary	110	160	50	45%	30	70	195
25-1194	Vocational Education Teachers, Postsecondary	100	140	40	40%	20	70	195
27-2042	Musicians and Singers	180	210	30	17%	40	70	195
27-4012	Broadcast Technicians	100	140	40	40%	30	70	195
29-1062	Family and General Practitioners	210	260	50	24%	30	70	195
29-1071	Physician Assistants	100	150	50	50%	20	70	195
29-2081	Opticians, Dispensing	180	220	40	22%	30	70	195
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	240	20	9%	60	70	195
43-4111	Interviewers, Except Eligibility and Loan	130	160	30	23%	30	70	195
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	220	240	20	9%	50	70	195
47-2221	Structural Iron and Steel Workers	220	250	30	14%	40	70	195
49-3041	Farm Equipment Mechanics	240	260	20	8%	50	70	195
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	330	330	0	0%	70	70	195
49-9051	Electrical Power-Line Installers and Repairers	210	200	-10	-5%	70	70	195
51-2041	Structural Metal Fabricators and Fitters	300	300	0	0%	70	70	195
51-3092	Food Batchmakers	120	160	40	33%	30	70	195
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plat	260	280	20	8%	50	70	195
51-7021	Furniture Finishers	370	340	-30	-8%	70	70	195
51-9141	Semiconductor Processors	330	220	-110	-33%	70	70	195
51-9196	Paper Goods Machine Setters, Operators, and Tenders	310	300	-10	-3%	70	70	195
11-9011	Farm, Ranch, and Other Agricultural Managers	160	190	30	19%	30	60	222
11-9033	Education Administrators, Postsecondary	110	140	30	27%	30	60	222
11-9141	Property, Real Estate, and Community Association Managers	250	260	10	4%	50	60	222
15-1031	Computer Software Engineers, Applications	180	230	50	28%	20	60	222
15-1061	Database Administrators	120	160	40	33%	10	60	222
17-2051	Civil Engineers	210	240	30	14%	30	60	222
17-3012	Electrical and Electronics Drafters	170	180	10	6%	50	60	222
17-3013	Mechanical Drafters	180	190	10	6%	50	60	222
17-3031	Surveying and Mapping Technicians	100	120	20	20%	40	60	222
25-1121	Art, Drama, and Music Teachers, Postsecondary	90	130	40	44%	20	60	222
29-1067	Surgeons	170	210	40	24%	20	60	222
35-3041	Food Servers, Nonrestaurant	140	150	10	7%	50	60	222
41-3031	Securities, Commodities, and Financial Services Sales Agents	240	270	30	13%	30	60	222
43-3041	Gaming Cage Workers	80	110	30	38%	40	60	222
43-5031	Police, Fire, and Ambulance Dispatchers	210	230	20	10%	50	60	222
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	210	190	-20	-10%	60	60	222
43-9011	Computer Operators	260	190	-70	-27%	60	60	222
45-4021	Fallers	20	80	60	300%	0	60	222
45-4022	Logging Equipment Operators	40	90	50	125%	10	60	222
47-2021	Brickmasons and Blockmasons	250	270	20	8%	40	60	222
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	200	210	10	5%	40	60	222
51-4071	Foundry Mold and Coremakers	240	240	0	0%	60	60	222
51-5023	Printing Machine Operators	270	260	-10	-4%	60	60	222
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	200	210	10	5%	40	60	222
53-2011	Airline Pilots, Copilots, and Flight Engineers	110	140	30	27%	30	60	222
53-3041	Taxi Drivers and Chauffeurs	260	290	30	12%	20	60	222
11-2021	Marketing Managers	160	180	20	13%	30	50	248
11-3040	Human Resources Managers	230	240	10	4%	40	50	248
13-1071	Employment, Recruitment, and Placement Specialists	180	200	20	11%	30	50	248
17-3011	Architectural and Civil Drafters	140	150	10	7%	40	50	248
19-2031	Chemists	140	140	0	0%	50	50	248
23-2011	Paralegals and Legal Assistants	160	200	40	25%	10	50	248
25-1021	Computer Science Teachers, Postsecondary	80	120	40	50%	20	50	248
25-2042	Special Education Teachers, Middle School	90	110	20	22%	20	50	248

27-1024	Graphic Designers	290	300	10	3%	40	50	248
27-2032	Choreographers	70	80	10	14%	40	50	248
27-4021	Photographers	240	240	0	0%	50	50	248
29-1127	Speech-Language Pathologists	90	120	30	33%	20	50	248
29-1131	Veterinarians	160	170	10	6%	40	50	248
29-2053	Psychiatric Technicians	360	350	-10	-3%	50	50	248
29-2056	Veterinary Technologists and Technicians	140	170	30	21%	20	50	248
31-9095	Pharmacy Aides	160	180	20	13%	30	50	248
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	50	248
33-3021	Detectives and Criminal Investigators	110	130	20	18%	30	50	248
35-1011	Chefs and Head Cooks	120	140	20	17%	40	50	248
39-2021	Nonfarm Animal Caretakers	130	150	20	15%	30	50	248
43-3061	Procurement Clerks	190	170	-20	-11%	50	50	248
43-4031	Court, Municipal, and License Clerks	170	180	10	6%	40	50	248
43-4131	Loan Interviewers and Clerks	340	300	-40	-12%	50	50	248
43-9022	Word Processors and Typists	240	140	-100	-42%	50	50	248
45-2093	Farmworkers, Farm and Ranch Animals	130	140	10	8%	40	50	248
47-2041	Carpet Installers	170	190	20	12%	30	50	248
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	110	110	0	0%	50	50	248
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	160	200	40	25%	20	50	248
49-9043	Maintenance Workers, Machinery	150	170	20	13%	40	50	248
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	180	150	-30	-17%	50	50	248
51-6093	Upholsterers	180	140	-40	-22%	50	50	248
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	190	190	0	0%	50	50	248
51-9132	Photographic Processing Machine Operators	190	190	0	0%	50	50	248
53-7011	Conveyor Operators and Tenders	160	160	0	0%	50	50	248
53-7032	Excavating and Loading Machine and Dragline Operators	190	190	0	0%	50	50	248
11-3071	Transportation, Storage, and Distribution Managers	120	130	10	8%	20	40	283
13-1021	Purchasing Agents and Buyers, Farm Products	80	90	10	13%	30	40	283
13-1031	Claims Adjusters, Examiners, and Investigators	180	190	10	6%	20	40	283
13-2021	Appraisers and Assessors of Real Estate	130	140	10	8%	30	40	283
13-2052	Personal Financial Advisors	120	150	30	25%	20	40	283
15-1032	Computer Software Engineers, Systems Software	100	130	30	30%	10	40	283
17-1022	Surveyors	80	90	10	13%	30	40	283
17-2081	Environmental Engineers	70	90	20	29%	10	40	283
17-3027	Mechanical Engineering Technicians	120	140	20	17%	30	40	283
19-4031	Chemical Technicians	180	170	-10	-6%	40	40	283
21-1011	Substance Abuse and Behavioral Disorder Counselors	80	100	20	25%	20	40	283
21-1023	Mental Health and Substance Abuse Social Workers	70	100	30	43%	10	40	283
25-1071	Health Specialties Teachers, Postsecondary	70	90	20	29%	20	40	283
25-1123	English Language and Literature Teachers, Postsecondary	60	80	20	33%	10	40	283
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	283
29-2032	Diagnostic Medical Sonographers	90	110	20	22%	20	40	283
29-9010	Occupational Health and Safety Specialists and Technicians	130	140	10	8%	30	40	283
39-1011	Gaming Supervisors	80	110	30	38%	20	40	283
39-1012	Slot Key Persons	80	110	30	38%	20	40	283
41-9022	Real Estate Sales Agents	220	220	0	0%	40	40	283
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	70	90	20	29%	20	40	283
45-2091	Agricultural Equipment Operators	90	110	20	22%	30	40	283
47-2121	Glaziers	150	160	10	7%	30	40	283
47-3013	Helpers--Electricians	100	100	0	0%	40	40	283
47-4051	Highway Maintenance Workers	260	260	0	0%	40	40	283
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	80	90	10	13%	30	40	283
49-2011	Computer, Automated Teller, and Office Machine Repairers	250	260	10	4%	30	40	283
49-2092	Electric Motor, Power Tool, and Related Repairers	100	120	20	20%	20	40	283
49-9052	Telecommunications Line Installers and Repairers	90	110	20	22%	20	40	283
51-3021	Butchers and Meat Cutters	170	150	-20	-12%	40	40	283
53-5011	Sailors and Marine Oilers	70	80	10	14%	30	40	283
11-2011	Advertising and Promotions Managers	70	90	20	29%	10	30	314
11-2031	Public Relations Managers	80	90	10	13%	10	30	314
11-3061	Purchasing Managers	120	110	-10	-8%	30	30	314
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	90	20	29%	20	30	314
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	100	110	10	10%	20	30	314
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	100	20	25%	10	30	314
13-2041	Credit Analysts	120	130	10	8%	20	30	314
13-2051	Financial Analysts	100	110	10	10%	20	30	314
15-2011	Actuaries	60	70	10	17%	20	30	314

17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	30	314
17-2071	Electrical Engineers	160	160	0	0%	30	30	314
19-2041	Environmental Scientists and Specialists, Including Health	80	100	20	25%	20	30	314
19-4021	Biological Technicians	130	130	0	0%	20	30	314
19-4091	Environmental Science and Protection Technicians, Including Health	50	70	20	40%	10	30	314
21-1014	Mental Health Counselors	90	100	10	11%	20	30	314
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	314
25-1032	Engineering Teachers, Postsecondary	40	60	20	50%	10	30	314
25-1042	Biological Science Teachers, Postsecondary	50	60	10	20%	10	30	314
25-1072	Nursing Instructors and Teachers, Postsecondary	40	60	20	50%	10	30	314
25-2032	Vocational Education Teachers, Secondary School	90	100	10	11%	20	30	314
27-1023	Floral Designers	230	210	-20	-9%	30	30	314
27-2012	Producers and Directors	70	90	20	29%	10	30	314
27-3020	News Analysts, Reporters and Correspondents	90	100	10	11%	20	30	314
27-3043	Writers and Authors	110	120	10	9%	20	30	314
27-4031	Camera Operators, Television, Video, and Motion Picture	50	70	20	40%	10	30	314
29-1031	Dietitians and Nutritionists	60	70	10	17%	20	30	314
29-1041	Optometrists	50	60	10	20%	10	30	314
29-1124	Radiation Therapists	40	60	20	50%	10	30	314
29-2054	Respiratory Therapy Technicians	50	70	20	40%	10	30	314
31-2022	Physical Therapist Aides	30	50	20	67%	10	30	314
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	140	150	10	7%	30	30	314
33-1011	First-Line Supervisors/Managers of Correctional Officers	70	80	10	14%	20	30	314
33-9091	Crossing Guards	70	70	0	0%	20	30	314
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	150	170	20	13%	10	30	314
39-5011	Barbers	110	100	-10	-9%	30	30	314
41-9011	Demonstrators and Product Promoters	80	90	10	13%	20	30	314
41-9031	Sales Engineers	80	90	10	13%	20	30	314
41-9041	Telemarketers	200	190	-10	-5%	30	30	314
43-5051	Postal Service Clerks	120	120	0	0%	30	30	314
43-9041	Insurance Claims and Policy Processing Clerks	210	200	-10	-5%	30	30	314
47-2022	Stonemasons	110	130	20	18%	20	30	314
47-2071	Paving, Surfacing, and Tamping Equipment Operators	110	120	10	9%	20	30	314
47-2081	Drywall and Ceiling Tile Installers	70	90	20	29%	20	30	314
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	90	100	10	11%	20	30	314
49-9031	Home Appliance Repairers	120	120	0	0%	30	30	314
51-3093	Food Cooking Machine Operators and Tenders	100	100	0	0%	20	30	314
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	130	130	0	0%	30	30	314
51-4051	Metal-Refining Furnace Operators and Tenders	100	100	0	0%	20	30	314
51-5021	Job Printers	130	120	-10	-8%	30	30	314
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	90	100	10	11%	30	30	314
51-9123	Painting, Coating, and Decorating Workers	90	90	0	0%	20	30	314
51-9191	Cementing and Gluing Machine Operators and Tenders	110	90	-20	-18%	30	30	314
53-1011	Aircraft Cargo Handling Supervisors	30	50	20	67%	10	30	314
11-9061	Funeral Directors	80	80	0	0%	20	20	367
11-1031	Legislators	150	140	-10	-7%	20	20	367
13-2082	Tax Preparers	110	100	-10	-9%	20	20	367
17-2041	Chemical Engineers	50	50	0	0%	10	20	367
17-2061	Computer Hardware Engineers	130	100	-30	-23%	20	20	367
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	60	0	0%	20	20	367
19-1042	Medical Scientists, Except Epidemiologists	50	60	10	20%	10	20	367
19-3031	Clinical, Counseling, and School Psychologists	50	60	10	20%	10	20	367
21-1092	Probation Officers and Correctional Treatment Specialists	60	70	10	17%	10	20	367
21-2011	Clergy	60	60	0	0%	10	20	367
23-2093	Title Examiners, Abstractors, and Searchers	130	130	0	0%	20	20	367
25-1066	Psychology Teachers, Postsecondary	30	40	10	33%	10	20	367
25-1122	Communications Teachers, Postsecondary	30	30	0	0%	10	20	367
25-1126	Philosophy and Religion Teachers, Postsecondary	20	30	10	50%	10	20	367
25-9031	Instructional Coordinators	60	70	10	17%	10	20	367
27-1021	Commercial and Industrial Designers	100	110	10	10%	10	20	367
27-2023	Umpires, Referees, and Other Sports Officials	60	70	10	17%	10	20	367
27-2041	Music Directors and Composers	50	60	10	20%	10	20	367
27-3041	Editors	70	80	10	14%	20	20	367
29-1011	Chiropractors	40	50	10	25%	10	20	367
29-1063	Internists, General	40	50	10	25%	10	20	367
29-1125	Recreational Therapists	70	80	10	14%	20	20	367
31-1013	Psychiatric Aides	30	40	10	33%	0	20	367

31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	367
33-3011	Bailiffs	60	60	0	0%	10	20	367
37-2021	Pest Control Workers	110	110	0	0%	20	20	367
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	70	70	0	0%	20	20	367
39-4021	Funeral Attendants	60	70	10	17%	10	20	367
39-6011	Baggage Porters and Bellhops	50	60	10	20%	10	20	367
39-9041	Residential Advisors	50	50	0	0%	10	20	367
41-3041	Travel Agents	70	60	-10	-14%	20	20	367
43-4141	New Accounts Clerks	80	80	0	0%	20	20	367
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	367
43-5041	Meter Readers, Utilities	60	50	-10	-17%	20	20	367
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	70	60	-10	-14%	20	20	367
43-9071	Office Machine Operators, Except Computer	80	80	0	0%	20	20	367
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	30	50	20	67%	10	20	367
45-2041	Graders and Sorters, Agricultural Products	40	50	10	25%	10	20	367
47-4011	Construction and Building Inspectors	50	50	0	0%	10	20	367
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	80	60	-20	-25%	20	20	367
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	100	90	-10	-10%	20	20	367
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	50	50	0	0%	10	20	367
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	90	90	0	0%	20	20	367
49-3052	Motorcycle Mechanics	30	40	10	33%	10	20	367
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	70	60	-10	-14%	20	20	367
49-9044	Millwrights	50	60	10	20%	10	20	367
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	20	367
51-3023	Slaughterers and Meat Packers	70	80	10	14%	20	20	367
51-4012	Numerical Tool and Process Control Programmers	90	90	0	0%	20	20	367
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0%	20	20	367
51-4052	Pourers and Casters, Metal	60	60	0	0%	10	20	367
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	50	40	-10	-20%	20	20	367
51-5011	Bindery Workers	60	40	-20	-33%	20	20	367
51-5022	Prepress Technicians and Workers	70	60	-10	-14%	20	20	367
51-6021	Pressers, Textile, Garment, and Related Materials	110	110	0	0%	20	20	367
51-8021	Stationary Engineers and Boiler Operators	100	90	-10	-10%	20	20	367
51-9031	Cutters and Trimmers, Hand	90	80	-10	-11%	20	20	367
51-9071	Jewelers and Precious Stone and Metal Workers	70	70	0	0%	20	20	367
51-9122	Painters, Transportation Equipment	60	70	10	17%	20	20	367
51-9131	Photographic Process Workers	80	70	-10	-13%	20	20	367
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	90	70	-20	-22%	20	20	367
53-2021	Air Traffic Controllers	20	30	10	50%	10	20	367
53-3021	Bus Drivers, Transit and Intercity	40	50	10	25%	10	20	367
53-7021	Crane and Tower Operators	80	80	0	0%	20	20	367
53-7033	Loading Machine Operators, Underground Mining	50	50	0	0%	20	20	367
53-7072	Pump Operators, Except Wellhead Pumps	60	60	0	0%	20	20	367
11-9071	Gaming Managers	30	30	0	0%	10	10	433
11-9081	Lodging Managers	50	50	0	0%	10	10	433
11-9121	Natural Sciences Managers	50	50	0	0%	10	10	433
11-9131	Postmasters and Mail Superintendents	80	70	-10	-13%	10	10	433
13-1061	Emergency Management Specialists	30	30	0	0%	10	10	433
13-1121	Meeting and Convention Planners	20	20	0	0%	10	10	433
13-2031	Budget Analysts	20	20	0	0%	0	10	433
13-2053	Insurance Underwriters	40	40	0	0%	10	10	433
13-2061	Financial Examiners	20	30	10	50%	10	10	433
13-2081	Tax Examiners, Collectors, and Revenue Agents	30	40	10	33%	10	10	433
15-2031	Operations Research Analysts	30	30	0	0%	10	10	433
15-2041	Statisticians	30	30	0	0%	10	10	433
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	433
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	40	40	0	0%	10	10	433
17-3022	Civil Engineering Technicians	40	40	0	0%	10	10	433
17-3025	Environmental Engineering Technicians	30	40	10	33%	10	10	433
19-1010	Agricultural and Food Scientists	30	30	0	0%	10	10	433
19-1022	Microbiologists	20	20	0	0%	10	10	433
19-1031	Conservation Scientists	20	30	10	50%	10	10	433
19-2012	Physicists	20	20	0	0%	10	10	433
19-2032	Materials Scientists	20	20	0	0%	10	10	433
19-3011	Economists	30	30	0	0%	10	10	433
21-1091	Health Educators	40	40	0	0%	10	10	433
21-2021	Directors, Religious Activities and Education	30	40	10	33%	0	10	433

23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	30	30	0	0%	0	10	433
23-1023	Judges, Magistrate Judges, and Magistrates	50	50	0	0%	10	10	433
23-2091	Court Reporters	70	80	10	14%	10	10	433
23-2092	Law Clerks	60	70	10	17%	10	10	433
25-1052	Chemistry Teachers, Postsecondary	20	20	0	0%	0	10	433
25-1065	Political Science Teachers, Postsecondary	20	30	10	50%	0	10	433
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	30	10	50%	10	10	433
25-1124	Foreign Language and Literature Teachers, Postsecondary	20	30	10	50%	10	10	433
25-1125	History Teachers, Postsecondary	20	30	10	50%	0	10	433
25-1191	Graduate Teaching Assistants	20	30	10	50%	0	10	433
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	20	20	0	0%	0	10	433
25-2023	Vocational Education Teachers, Middle School	20	20	0	0%	0	10	433
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	433
25-9011	Audio-Visual Collections Specialists	20	20	0	0%	0	10	433
27-1011	Art Directors	40	40	0	0%	10	10	433
27-1014	Multi-Media Artists and Animators	30	30	0	0%	10	10	433
27-1025	Interior Designers	50	50	0	0%	10	10	433
27-1026	Merchandise Displayers and Window Trimmers	60	70	10	17%	10	10	433
27-1027	Set and Exhibit Designers	20	20	0	0%	0	10	433
27-3042	Technical Writers	20	20	0	0%	10	10	433
27-4011	Audio and Video Equipment Technicians	20	20	0	0%	0	10	433
29-1020	Dentists	70	70	0	0%	10	10	433
29-1061	Anesthesiologists	20	30	10	50%	0	10	433
29-1064	Obstetricians and Gynecologists	40	50	10	25%	10	10	433
29-1065	Pediatricians, General	20	20	0	0%	0	10	433
29-1066	Psychiatrists	20	20	0	0%	0	10	433
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	433
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	433
31-2011	Occupational Therapist Assistants	30	40	10	33%	0	10	433
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	20	20	0	0%	10	10	433
33-2021	Fire Inspectors and Investigators	20	30	10	50%	10	10	433
33-3031	Fish and Game Wardens	30	30	0	0%	10	10	433
33-9011	Animal Control Workers	20	20	0	0%	10	10	433
33-9031	Gaming Surveillance Officers and Gaming Investigators	20	20	0	0%	0	10	433
37-3013	Tree Trimmers and Pruners	30	30	0	0%	10	10	433
39-3021	Motion Picture Projectionists	20	20	0	0%	10	10	433
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	433
41-9012	Models	20	20	0	0%	0	10	433
41-9021	Real Estate Brokers	40	40	0	0%	10	10	433
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	50	40	-10	-20%	10	10	433
43-4011	Brokerage Clerks	50	40	-10	-20%	10	10	433
43-4021	Correspondence Clerks	30	30	0	0%	10	10	433
43-4041	Credit Authorizers, Checkers, and Clerks	80	60	-20	-25%	10	10	433
43-4061	Eligibility Interviewers, Government Programs	40	30	-10	-25%	10	10	433
43-5011	Cargo and Freight Agents	40	40	0	0%	10	10	433
43-9031	Desktop Publishers	20	20	0	0%	0	10	433
43-9081	Proofreaders and Copy Markers	30	30	0	0%	10	10	433
47-2082	Tapers	20	20	0	0%	0	10	433
47-2151	Pipelayers	30	30	0	0%	10	10	433
47-2161	Plasterers and Stucco Masons	50	50	0	0%	10	10	433
47-4021	Elevator Installers and Repairers	40	40	0	0%	10	10	433
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	40	10	33%	10	10	433
47-5041	Continuous Mining Machine Operators	40	30	-10	-25%	10	10	433
47-5061	Roof Bolters, Mining	30	30	0	0%	10	10	433
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	433
49-2098	Security and Fire Alarm Systems Installers	40	40	0	0%	10	10	433
49-3011	Aircraft Mechanics and Service Technicians	30	40	10	33%	10	10	433
49-3051	Motorboat Mechanics	30	30	0	0%	10	10	433
49-9011	Mechanical Door Repairers	20	20	0	0%	0	10	433
49-9063	Musical Instrument Repairers and Tuners	30	30	0	0%	10	10	433
49-9094	Locksmiths and Safe Repairers	20	20	0	0%	10	10	433
49-9095	Manufactured Building and Mobile Home Installers	20	20	0	0%	10	10	433
51-2021	Coil Winders, Tapers, and Finishers	60	40	-20	-33%	10	10	433
51-2023	Electromechanical Equipment Assemblers	30	20	-10	-33%	10	10	433
51-2031	Engine and Other Machine Assemblers	30	30	0	0%	10	10	433
51-2091	Fiberglass Laminators and Fabricators	40	40	0	0%	10	10	433
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	60	40	-20	-33%	10	10	433

51-4061 Model Makers, Metal and Plastic	40	40	0	0%	10	10	433
51-4062 Patternmakers, Metal and Plastic	20	30	10	50%	10	10	433
51-4192 Lay-Out Workers, Metal and Plastic	20	30	10	50%	0	10	433
51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	0	0%	10	10	433
51-6052 Tailors, Dressmakers, and Custom Sewers	30	30	0	0%	10	10	433
51-8091 Chemical Plant and System Operators	30	30	0	0%	10	10	433
51-9011 Chemical Equipment Operators and Tenders	40	40	0	0%	10	10	433
51-9012 Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	30	30	0	0%	10	10	433
51-9081 Dental Laboratory Technicians	20	30	10	50%	10	10	433
51-9083 Ophthalmic Laboratory Technicians	30	30	0	0%	10	10	433
51-9192 Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	40	0	0%	10	10	433
53-3011 Ambulance Drivers and Attendants, Except Emergency Medical Technicians	40	50	10	25%	0	10	433
53-5021 Captains, Mates, and Pilots of Water Vessels	30	20	-10	-33%	10	10	433
53-5022 Motorboat Operators	20	20	0	0%	10	10	433
53-6011 Bridge and Lock Tenders	30	40	10	33%	10	10	433
53-6021 Parking Lot Attendants	50	50	0	0%	10	10	433
53-7111 Shuttle Car Operators	30	20	-10	-33%	10	10	433
17-2031 Biomedical Engineers	20	20	0	0%	0	0	541
23-1022 Arbitrators, Mediators, and Conciliators	20	20	0	0%	0	0	541
39-5092 Manicurists and Pedicurists	20	20	0	0%	0	0	541
39-5094 Skin Care Specialists	20	20	0	0%	0	0	541
49-3022 Automotive Glass Installers and Repairers	20	20	0	0%	0	0	541
49-9062 Medical Equipment Repairers	20	20	0	0%	0	0	541
49-9096 Riggers	20	20	0	0%	0	0	541
51-4035 Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	30	20	-10	-33%	0	0	541
51-6063 Textile Knitting and Weaving Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	541
51-9194 Etchers and Engravers	20	10	-10	-50%	0	0	541

- 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.