

Occupations with State Annual Earnings ≥ \$13.47 per hour, Annual Growth in Jobs ≥ the Area Average and/or Total Annual Job Openings ≥ the Area Average and JobsOhio Industry Cluster In-Demand Occupations and 2nd Tier Methodology for Forecasted Jobs (as of 4/17/15)

Projections					
Ref. #	Occupation Title- 266	Job Family	Starting Wage	Median Wage	Education Level ¹
1	Accountants and Auditors	Business and Financial Operations Occupations	\$44,730	\$63,350	Bachelor's degree
2	Actuaries	Computer and Mathematical Occupations	\$59,460	\$89,430	Bachelor's degree
3	Administrative Services Managers	Management Occupations	\$53,880	\$77,810	Bachelor's degree
4	Aerospace Engineering and Operations Technicians	Architecture and Engineering Occupations	\$53,680	\$71,219	Associate's degree
5	Aerospace Engineers	Architecture and Engineering Occupations	\$72,520	\$107,560	Bachelor's degree
6	Aircraft Mechanics and Service Technicians	Installation, Maintenance, and Repair Occupations	\$37,460	\$58,370	Certificate/Some college
7	Architectural and Engineering Managers	Management Occupations	\$87,930	\$120,520	Bachelor's degree
8	Architectural Drafters*	Architecture and Engineering Occupations	\$34,620	\$48,318	Associate's degree
9	Art, Drama, and Music Teachers, Postsecondary	Education, Training, and Library Occupations	\$36,290	\$65,190	Doctoral or professional degree
10	Assemblers and Fabricators, All Other	Production Occupations	\$21,070	\$29,730	High school diploma or equivalent
11	Audio and Video Equipment Technicians	Arts, Design, Entertainment, Sports, and Media	\$22,970	\$35,340	Certificate/Some college
12	Automotive Body and Related Repairers	Installation, Maintenance, and Repair Occupations	\$27,790	\$37,960	High school diploma or equivalent
13	Automotive Service Technicians and Mechanics	Installation, Maintenance, and Repair Occupations	\$22,430	\$35,260	Certificate/Some college
14	Avionics Technicians	Installation, Maintenance, and Repair Occupations	\$43,990	\$58,520	Associate's degree
15	Bill and Account Collectors	Office and Administrative Support Occupations	\$25,170	\$32,110	High school diploma or equivalent
16	Billing and Posting Clerks	Office and Administrative Support Occupations	\$26,220	\$34,290	High school diploma or equivalent
17	Biofuels/Biodiesel Technology and Product Development Managers*	Management Occupations	\$87,930	\$120,520	Bachelor's degree
18	Biological Technicians	Life, Physical, and Social Science Occupations	\$29,670	\$38,917	Bachelor's degree
19	Biomedical Engineers	Architecture and Engineering Occupations	\$47,430	\$68,224	Bachelor's degree
20	Bookkeeping, Accounting, and Auditing Clerks	Office and Administrative Support Occupations	\$25,080	\$35,800	Certificate/Some college
21	Brickmasons and Blockmasons	Construction and Extraction Occupations	\$35,130	\$51,646	High school diploma or equivalent
22	Bus and Truck Mechanics and Diesel Engine Specialists	Installation, Maintenance, and Repair Occupations	\$31,030	\$43,920	High school diploma or equivalent
23	Bus Drivers, School or Special Client	Transportation and Material Moving Occupations	\$21,090	\$32,370	High school diploma or equivalent
24	Business Intelligence Analysts*	Computer and Mathematical Occupations	\$47,040	\$78,240	Bachelor's degree
25	Business Operations Specialists, All Other	Business and Financial Operations Occupations	\$40,910	\$62,410	Bachelor's degree
26	Carpenters	Construction and Extraction Occupations	\$30,950	\$43,780	High school diploma or equivalent
27	Cement Masons and Concrete Finishers	Construction and Extraction Occupations	\$29,930	\$41,120	Less Than High School
28	Chemical Engineers	Architecture and Engineering Occupations	\$57,250	\$86,110	Bachelor's degree
29	Chemical Equipment Operators and Tenders	Production Occupations	\$30,080	\$44,850	High school diploma or equivalent
30	Chemical Plant and System Operators	Production Occupations	\$33,420	\$47,620	High school diploma or equivalent
31	Chemists	Life, Physical, and Social Science Occupations	\$43,280	\$67,890	Bachelor's degree
32	Child, Family, and School Social Workers	Community and Social Service Occupations	\$30,580	\$39,010	Bachelor's degree
33	Civil Drafters*	Architecture and Engineering Occupations	\$34,620	\$48,318	Associate's degree
34	Civil Engineering Technicians	Architecture and Engineering Occupations	\$37,000	\$51,293	Associate's degree
35	Civil Engineers	Architecture and Engineering Occupations	\$52,000	\$76,190	Bachelor's degree
36	Claims Adjusters, Examiners, and Investigators	Business and Financial Operations Occupations	\$41,840	\$62,100	High school diploma or equivalent
37	Clinical, Counseling, and School Psychologists	Life, Physical, and Social Science Occupations	\$45,260	\$71,000	Doctoral or professional degree
38	Coaches and Scouts	Arts, Design, Entertainment, Sports, and Media	\$17,990	\$25,230	High school diploma or equivalent
39	Commercial and Industrial Designers	Arts, Design, Entertainment, Sports, and Media	\$43,050	\$60,424	Bachelor's degree

In-Demand Occupations Report - 05/012017

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Projections					
Ref. #	Occupation Title- 266	Job Family	Starting Wage	Median Wage	Education Level ¹
40	Commercial Pilots	Transportation and Material Moving Occupations	\$27,890	\$50,920	High school diploma or equivalent
41	Compliance Officers	Business and Financial Operations Occupations	\$37,990	\$56,470	Bachelor's degree
42	Computer and Information Research Scientists	Computer and Mathematical Occupations	\$77,020	\$96,810	Doctoral or professional degree
43	Computer and Information Systems Managers	Management Occupations	\$79,600	\$118,320	Bachelor's degree
44	Computer Hardware Engineers	Architecture and Engineering Occupations	\$58,000	\$88,850	Bachelor's degree
45	Computer Network Architects	Computer and Mathematical Occupations	\$65,830	\$98,738	Bachelor's degree
46	Computer Network Support Specialists	Computer and Mathematical Occupations	\$36,160	\$54,470	Associate's degree
47	Computer Numerically Controlled Machine Tool Programmers, Metal and	Production Occupations	\$35,480	\$46,620	High school diploma or equivalent
48	Computer Programmers	Computer and Mathematical Occupations	\$43,250	\$68,180	Bachelor's degree
49	Computer Systems Analysts	Computer and Mathematical Occupations	\$57,240	\$82,510	Bachelor's degree
50	Computer Systems Engineers/Architects*	Computer and Mathematical Occupations	\$47,040	\$78,240	Bachelor's degree
51	Computer User Support Specialists	Computer and Mathematical Occupations	\$30,490	\$42,960	Certificate/Some college
52	Computer-Controlled Machine Tool Operators, Metal and Plastic	Production Occupations	\$26,060	\$36,830	High school diploma or equivalent
53	Construction Laborers	Construction and Extraction Occupations	\$24,800	\$36,730	Less Than High School
54	Construction Managers	Management Occupations	\$60,260	\$84,990	Bachelor's degree
55	Control and Valve Installers and Repairers, Except Mechanical Door	Installation, Maintenance, and Repair Occupations	\$40,930	\$64,958	High school diploma or equivalent
56	Cost Estimators	Business and Financial Operations Occupations	\$37,260	\$56,610	Bachelor's degree
57	Credit Analysts	Business and Financial Operations Occupations	\$45,870	\$65,170	Bachelor's degree
58	Customer Service Representatives	Office and Administrative Support Occupations	\$22,490	\$30,510	High school diploma or equivalent
59	Data Warehousing Specialists*	Computer and Mathematical Occupations	\$47,040	\$78,240	Bachelor's degree
60	Database Administrators	Computer and Mathematical Occupations	\$50,900	\$75,890	Bachelor's degree
61	Dental Assistants	Healthcare Support Occupations	\$27,910	\$35,460	Certificate/Some college
62	Dental Hygienists	Healthcare Practitioners and Technical Occupations	\$54,330	\$67,500	Associate's degree
63	Dentists, General	Healthcare Practitioners and Technical Occupations	\$101,920	\$171,180	Doctoral or professional degree
64	Diagnostic Medical Sonographers	Healthcare Practitioners and Technical Occupations	\$51,870	\$62,650	Associate's degree
65	Dispatchers, Except Police, Fire, and Ambulance	Office and Administrative Support Occupations	\$25,010	\$38,520	High school diploma or equivalent
66	Educational, Guidance, School, and Vocational Counselors	Community and Social Service Occupations	\$36,970	\$51,958	Master's degree
67	Electrical and Electronic Engineering Technicians	Architecture and Engineering Occupations	\$38,120	\$59,680	Associate's degree
68	Electrical and Electronic Engineering Technicians*	Architecture and Engineering Occupations	\$38,120	\$59,680	Associate's degree
69	Electrical and Electronic Equipment Assemblers	Production Occupations	\$21,370	\$29,520	High school diploma or equivalent
70	Electrical and Electronics Installers and Repairers, Transportation Equipment	Installation, Maintenance, and Repair Occupations	\$38,190	\$58,100	Certificate/Some college
71	Electrical and Electronics Repairers, Commercial and Industrial Equipment	Installation, Maintenance, and Repair Occupations	\$38,060	\$54,420	Certificate/Some college
72	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	Installation, Maintenance, and Repair Occupations	\$61,070	\$70,480	Certificate/Some college
73	Electrical Engineering Technicians*	Architecture and Engineering Occupations	\$38,120	\$59,680	Associate's degree
74	Electrical Engineering Technologists*	Architecture and Engineering Occupations	\$38,820	\$55,070	Associate's degree
75	Electrical Engineers	Architecture and Engineering Occupations	\$54,640	\$77,220	Bachelor's degree
76	Electrical Power-Line Installers and Repairers	Installation, Maintenance, and Repair Occupations	\$46,260	\$67,040	High school diploma or equivalent
77	Electricians	Construction and Extraction Occupations	\$32,950	\$49,670	High school diploma or equivalent
78	Electro-Mechanical Technicians	Architecture and Engineering Occupations	\$38,720	\$54,460	Associate's degree

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Projections					
Ref. #	Occupation Title- 266	Job Family	Starting Wage	Median Wage	Education Level ¹
79	Electronics Engineers, Except Computer	Architecture and Engineering Occupations	\$62,430	\$89,260	Bachelor's degree
80	Emergency Medical Technicians and Paramedics	Healthcare Practitioners and Technical Occupations	\$21,740	\$28,820	Certificate/Some college
81	Engine and Other Machine Assemblers	Production Occupations	\$31,500	\$47,240	High school diploma or equivalent
82	Engineers, All Other	Architecture and Engineering Occupations	\$53,310	\$84,560	Bachelor's degree
83	Environmental Compliance Inspectors*	Business and Financial Operations Occupations	\$37,990	\$56,470	Bachelor's degree
84	Environmental Engineers	Architecture and Engineering Occupations	\$63,000	\$88,410	Bachelor's degree
85	Environmental Scientists and Specialists, Including Health	Life, Physical, and Social Science Occupations	\$46,900	\$65,915	Bachelor's degree
86	Executive Secretaries and Executive Administrative Assistants	Office and Administrative Support Occupations	\$36,910	\$49,010	High school diploma or equivalent
87	Family and General Practitioners	Healthcare Practitioners and Technical Occupations	\$119,910	\$180,220	Doctoral or professional degree
88	Farmers, Ranchers, and Other Agricultural Managers	Management Occupations	\$44,860	\$56,480	High school diploma or equivalent
89	Financial Analysts	Business and Financial Operations Occupations	\$49,010	\$69,580	Bachelor's degree
90	Financial Managers	Management Occupations	\$64,620	\$106,320	Bachelor's degree
91	Financial Quantitative Analysts*	Business and Financial Operations Occupations	\$47,320	\$70,120	Bachelor's degree
92	First-Line Supervisors of Construction Trades and Extraction Workers	Construction and Extraction Occupations	\$44,270	\$59,710	High school diploma or equivalent
93	First-Line Supervisors of Food Preparation and Serving Workers	Food Preparation and Serving Related Occupations	\$20,840	\$29,100	High school diploma or equivalent
94	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	Transportation and Material Moving Occupations	\$30,380	\$45,650	High school diploma or equivalent
95	First-Line Supervisors of Housekeeping and Janitorial Workers	Building & Grounds Cleaing & Maint	\$23,850	\$36,608	High school diploma or equivalent
96	First-Line Supervisors of Mechanics, Installers, and Repairers	Installation, Maintenance, and Repair Occupations	\$40,820	\$60,240	High school diploma or equivalent
97	First-Line Supervisors of Non-Retail Sales Workers	Sales and Related Occupations	\$44,030	\$71,210	High school diploma or equivalent
98	First-Line Supervisors of Office and Administrative Support Workers	Office and Administrative Support Occupations	\$34,170	\$49,410	High school diploma or equivalent
99	First-Line Supervisors of Production and Operating Workers	Production Occupations	\$38,050	\$55,490	High school diploma or equivalent
100	First-Line Supervisors of Protective Service Workers, All Other	Protective Service	\$27,740	\$41,434	High school diploma or equivalent
101	First-Line Supervisors of Retail Sales Workers	Sales and Related Occupations	\$24,150	\$35,510	High school diploma or equivalent
102	First-Line Supervisors of Transportation and Material-Moving Machine and	Transportation and Material Moving Occupations	\$36,440	\$54,980	High school diploma or equivalent
103	Food Scientists and Technologists	Life, Physical, and Social Science Occupations	\$39,730	\$54,538	Bachelor's degree
104	Food Service Managers	Management Occupations	\$33,730	\$49,590	High school diploma or equivalent
105	Fraud Examiners, Investigators and Analysts*	Business and Financial Operations Occupations	\$47,320	\$70,120	Bachelor's degree
106	General and Operations Managers	Management Occupations	\$49,430	\$89,950	Bachelor's degree
107	Graphic Designers	Arts, Design, Entertainment, Sports, and Media	\$29,450	\$43,100	Bachelor's degree
108	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	Architecture and Engineering Occupations	\$59,050	\$82,320	Bachelor's degree
109	Health Technologists and Technicians, All Other	Healthcare Practitioners and Technical Occupations	\$29,590	\$39,940	High school diploma or equivalent
110	Healthcare Social Workers	Community and Social Service Occupations	\$41,480	\$54,100	Master's degree
111	Healthcare Support Workers, All Other	Healthcare Support Occupations	\$20,470	\$27,960	High school diploma or equivalent
112	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Installation, Maintenance, and Repair Occupations	\$30,620	\$44,150	Certificate/Some college
113	Heavy and Tractor-Trailer Truck Drivers	Transportation and Material Moving Occupations	\$30,570	\$40,860	Certificate/Some college
114	Helpers--Construction Trades, All Other	Construction and Extraction Occupations	\$18,780	\$26,130	Less Than High School
115	Helpers--Electricians	Construction and Extraction Occupations	\$21,750	\$28,180	High school diploma or equivalent
116	Helpers--Production Workers	Production Occupations	\$20,270	\$26,260	Less Than High School
117	Human Resources Assistants, Except Payroll and Timekeeping	Office and Administrative Support Occupations	\$28,100	\$36,950	Associate's degree

In-Demand Occupations Report - 05/012017

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Projections					
Ref. #	Occupation Title- 266	Job Family	Starting Wage	Median Wage	Education Level ¹
118	Human Resources Managers	Management Occupations	\$71,250	\$100,130	Bachelor's degree
119	Human Resources Specialists	Business and Financial Operations Occupations	\$36,010	\$54,670	Bachelor's degree
120	Industrial Engineering Technicians	Architecture and Engineering Occupations	\$36,140	\$49,130	Associate's degree
121	Industrial Engineers	Architecture and Engineering Occupations	\$55,100	\$76,680	Bachelor's degree
122	Industrial Machinery Mechanics	Installation, Maintenance, and Repair Occupations	\$33,160	\$47,040	High school diploma or equivalent
123	Industrial Production Managers	Management Occupations	\$58,360	\$85,260	Bachelor's degree
124	Industrial Truck and Tractor Operators	Transportation and Material Moving Occupations	\$24,360	\$31,500	Less Than High School
125	Information Security Analysts	Computer and Mathematical Occupations	\$57,620	\$80,780	Bachelor's degree
126	Information Technology Project Managers*	Computer and Mathematical Occupations	\$47,040	\$78,229	Bachelor's degree
127	Inspectors, Testers, Sorters, Samplers, and Weighers	Production Occupations	\$24,900	\$36,170	High school diploma or equivalent
128	Instructional Designers and Technologists*	Education, Training, and Library Occupations	\$35,300	\$59,600	Master's degree
129	Insurance Claims and Policy Processing Clerks	Office and Administrative Support Occupations	\$26,720	\$36,190	High school diploma or equivalent
130	Insurance Sales Agents	Sales and Related Occupations	\$29,900	\$48,460	High school diploma or equivalent
131	Insurance Underwriters	Business and Financial Operations Occupations	\$43,800	\$61,340	Bachelor's degree
132	Internists, General	Healthcare Practitioners and Technical Occupations	\$59,110	\$164,130	Doctoral or professional degree
133	Interpreters and Translators	Arts, Design, Entertainment, Sports, and Media	\$26,620	\$41,370	Bachelor's degree
134	Interviewers, Except Eligibility and Loan	Office and Administrative Support Occupations	\$23,140	\$29,530	High school diploma or equivalent
135	Lawyers	Legal Occupations	\$58,190	\$96,190	Doctoral or professional degree
136	Licensed Practical and Licensed Vocational Nurses	Healthcare Practitioners and Technical Occupations	\$33,910	\$40,750	Certificate/Some college
137	Light Truck or Delivery Services Drivers	Transportation and Material Moving Occupations	\$19,510	\$28,230	High school diploma or equivalent
138	Loan Interviewers and Clerks	Office and Administrative Support Occupations	\$26,270	\$35,990	High school diploma or equivalent
139	Loan Officers	Business and Financial Operations Occupations	\$34,670	\$57,530	Bachelor's degree
140	Logisticians*	Business and Financial Operations Occupations	\$48,630	\$69,590	Bachelor's degree
141	Logistics Analysts*	Business and Financial Operations Occupations	\$48,630	\$69,590	Bachelor's degree
142	Loss Prevention Managers*	Management Occupations	\$54,810	\$93,330	High school diploma or equivalent
143	Machinists	Production Occupations	\$28,520	\$39,670	High school diploma or equivalent
144	Maintenance and Repair Workers, General	Installation, Maintenance, and Repair Occupations	\$25,450	\$37,520	High school diploma or equivalent
145	Maintenance Workers, Machinery	Installation, Maintenance, and Repair Occupations	\$32,010	\$44,440	High school diploma or equivalent
146	Management Analysts	Business and Financial Operations Occupations	\$45,960	\$74,290	Bachelor's degree
147	Managers, All Other	Management Occupations	\$54,810	\$93,320	Bachelor's degree
148	Manufacturing Engineers*	Architecture and Engineering Occupations	\$53,310	\$84,552	Bachelor's degree
149	Manufacturing Production Technicians*	Architecture and Engineering Occupations	\$38,820	\$55,070	Associate's degree
150	Market Research Analysts and Marketing Specialists	Business and Financial Operations Occupations	\$37,860	\$59,510	Bachelor's degree
151	Marketing Managers	Management Occupations	\$76,010	\$118,730	Bachelor's degree
152	Massage Therapists	Healthcare Support Occupations	\$21,580	\$33,160	Certificate/Some college
153	Materials Engineers	Architecture and Engineering Occupations	\$60,630	\$89,680	Bachelor's degree
154	Materials Scientists	Life, Physical, and Social Science Occupations	\$54,310	\$91,640	Bachelor's degree
155	Mechanical Drafters	Architecture and Engineering Occupations	\$36,840	\$49,230	Associate's degree
156	Mechanical Engineering Technicians	Architecture and Engineering Occupations	\$36,050	\$48,280	Associate's degree

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Projections					
Ref. #	Occupation Title- 266	Job Family	Starting Wage	Median Wage	Education Level ¹
157	Mechanical Engineers	Architecture and Engineering Occupations	\$52,240	\$73,010	Bachelor's degree
158	Medical and Clinical Laboratory Technicians	Healthcare Practitioners and Technical Occupations	\$31,450	\$41,850	Associate's degree
159	Medical and Clinical Laboratory Technologists	Healthcare Practitioners and Technical Occupations	\$48,920	\$58,060	Bachelor's degree
160	Medical and Health Services Managers	Management Occupations	\$64,740	\$87,430	Bachelor's degree
161	Medical Assistants	Healthcare Support Occupations	\$23,670	\$28,600	Certificate/Some college
162	Medical Equipment Repairers	Installation, Maintenance, and Repair Occupations	\$33,400	\$50,500	Associate's degree
163	Medical Records and Health Information Technicians	Healthcare Practitioners and Technical Occupations	\$27,180	\$36,070	Certificate/Some college
164	Medical Scientists, Except Epidemiologists	Life, Physical, and Social Science Occupations	\$46,450	\$70,325	Doctoral or professional degree
165	Medical Secretaries	Office and Administrative Support Occupations	\$23,810	\$30,190	High school diploma or equivalent
166	Mental Health and Substance Abuse Social Workers	Community and Social Service Occupations	\$29,420	\$37,310	Bachelor's degree
167	Mental Health Counselors	Community and Social Service Occupations	\$32,190	\$43,270	Master's degree
168	Millwrights	Installation, Maintenance, and Repair Occupations	\$41,110	\$62,470	High school diploma or equivalent
169	Mobile Heavy Equipment Mechanics, Except Engines	Installation, Maintenance, and Repair Occupations	\$34,560	\$47,480	High school diploma or equivalent
170	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders,	Production Occupations	\$22,140	\$29,994	High school diploma or equivalent
171	Natural Sciences Managers	Management Occupations	\$68,580	\$111,910	Bachelor's degree
172	Network and Computer Systems Administrators	Computer and Mathematical Occupations	\$50,350	\$69,550	Bachelor's degree
173	New Accounts Clerks	Office and Administrative Support Occupations	\$26,090	\$32,090	High school diploma or equivalent
174	Non-Destructive Testing Specialists*	Architecture and Engineering Occupations	\$38,820	\$55,070	Associate's degree
175	Nuclear Medicine Technologists	Healthcare Practitioners and Technical Occupations	\$55,420	\$68,060	Associate's degree
176	Nurse Practitioners	Healthcare Practitioners and Technical Occupations	\$81,840	\$94,560	Master's degree
177	Nursing Assistants	Healthcare Support Occupations	\$20,860	\$24,150	Certificate/Some college
178	Nursing Instructors and Teachers, Postsecondary	Education, Training, and Library Occupations	\$45,110	\$65,820	Master's degree
179	Occupational Health and Safety Specialists	Healthcare Practitioners and Technical Occupations	\$47,450	\$69,560	Bachelor's degree
180	Occupational Therapists	Healthcare Practitioners and Technical Occupations	\$59,920	\$79,810	Master's degree
181	Occupational Therapy Assistants	Healthcare Support Occupations	\$46,710	\$56,820	Associate's degree
182	Office and Administrative Support Workers, All Other	Office and Administrative Support Occupations	\$24,170	\$34,220	High school diploma or equivalent
183	Office Clerks, General	Office and Administrative Support Occupations	\$20,080	\$28,590	High school diploma or equivalent
184	Online Merchants*	Business and Financial Operations Occupations	\$40,910	\$62,421	High school diploma or equivalent
185	Operating Engineers and Other Construction Equipment Operators	Construction and Extraction Occupations	\$35,980	\$48,860	High school diploma or equivalent
186	Operations Research Analysts	Computer and Mathematical Occupations	\$52,450	\$79,420	Bachelor's degree
187	Opticians, Dispensing	Healthcare Practitioners and Technical Occupations	\$26,480	\$36,350	High school diploma or equivalent
188	Order Clerks	Office and Administrative Support Occupations	\$21,580	\$30,830	High school diploma or equivalent
189	Packaging and Filling Machine Operators and Tenders	Production Occupations	\$21,130	\$29,900	High school diploma or equivalent
190	Painters, Construction and Maintenance	Construction and Extraction Occupations	\$24,480	\$37,210	Less Than High School
191	Painters, Transportation Equipment	Production Occupations	\$31,410	\$42,490	High school diploma or equivalent
192	Paralegals and Legal Assistants	Legal Occupations	\$30,280	\$43,450	Associate's degree
193	Parts Salespersons	Sales and Related Occupations	\$19,710	\$27,370	Less Than High School
194	Payroll and Timekeeping Clerks	Office and Administrative Support Occupations	\$29,390	\$39,810	High school diploma or equivalent
195	Personal Financial Advisors	Business and Financial Operations Occupations	\$44,600	\$79,640	Bachelor's degree

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Projections					
Ref. #	Occupation Title- 266	Job Family	Starting Wage	Median Wage	Education Level ¹
196	Petroleum Pump System Operators, Refinery Operators, and Gaugers	Production Occupations	\$49,180	\$61,589	High school diploma or equivalent
197	Pharmacists	Healthcare Practitioners and Technical Occupations	\$89,190	\$118,670	Doctoral or professional degree
198	Pharmacy Technicians	Healthcare Practitioners and Technical Occupations	\$21,220	\$27,477	High school diploma or equivalent
199	Phlebotomists	Healthcare Support Occupations	\$25,470	\$30,260	Certificate/Some college
200	Physical Therapist Assistants	Healthcare Support Occupations	\$43,960	\$55,700	Associate's degree
201	Physical Therapists	Healthcare Practitioners and Technical Occupations	\$63,900	\$81,910	Doctoral or professional degree
202	Physician Assistants	Healthcare Practitioners and Technical Occupations	\$82,300	\$101,190	Master's degree
203	Physicians and Surgeons, All Other	Healthcare Practitioners and Technical Occupations	\$73,130	\$0	Doctoral or professional degree
204	Plumbers, Pipefitters, and Steamfitters	Construction and Extraction Occupations	\$34,340	\$51,780	High school diploma or equivalent
205	Power Plant Operators	Production Occupations	\$54,240	\$69,493	High school diploma or equivalent
206	Prepress Technicians and Workers	Production Occupations	\$28,660	\$37,419	Certificate/Some College
207	Production Workers, All Other	Production Occupations	\$20,690	\$31,460	High school diploma or equivalent
208	Production, Planning, and Expediting Clerks	Office and Administrative Support Occupations	\$30,310	\$44,240	High school diploma or equivalent
209	Property, Real Estate, and Community Association Managers	Management Occupations	\$30,590	\$48,920	High school diploma or equivalent
210	Psychiatrists	Healthcare Practitioners and Technical Occupations	\$119,580	\$119,580	Doctoral or professional degree
211	Public Relations Specialists	Arts, Design, Entertainment, Sports, and Media	\$34,450	\$49,520	Bachelor's degree
212	Purchasing Agents, Except Wholesale, Retail, and Farm Products	Business and Financial Operations Occupations	\$42,850	\$61,070	Bachelor's degree
213	Purchasing Managers	Management Occupations	\$73,140	\$107,130	Bachelor's degree
214	Quality Control Analysts*	Life, Physical, and Social Science Occupations	\$31,930	\$46,170	Associate's degree
215	Radiologic Technologists	Healthcare Practitioners and Technical Occupations	\$41,140	\$53,120	Associate's degree
216	Rail Car Repairers	Installation, Maintenance, and Repair Occupations	\$32,620	\$44,762	High school diploma or equivalent
217	Receptionists and Information Clerks	Office and Administrative Support Occupations	\$19,260	\$23,962	High school diploma or equivalent
218	Registered Nurses	Healthcare Practitioners and Technical Occupations	\$50,820	\$61,280	Bachelor's degree
219	Regulatory Affairs Specialists*	Business and Financial Operations Occupations	\$37,990	\$56,470	Bachelor's degree
220	Rehabilitation Counselors	Community and Social Service Occupations	\$24,140	\$35,838	Master's degree
221	Residential Advisors	Personal Care & Services	\$22,490	\$29,220	High school diploma or equivalent
222	Respiratory Therapists	Healthcare Practitioners and Technical Occupations	\$43,200	\$53,900	Associate's degree
223	Risk Management Specialists*	Business and Financial Operations Occupations	\$47,320	\$70,120	Bachelor's degree
224	Robotics Engineers*	Architecture and Engineering Occupations	\$53,310	\$84,560	Bachelor's degree
225	Sales Engineers	Sales and Related Occupations	\$58,220	\$93,040	Bachelor's degree
226	Sales Managers	Management Occupations	\$69,960	\$111,860	Bachelor's degree
227	Sales Representatives, Services, All Other	Sales and Related Occupations	\$29,590	\$49,000	High school diploma or equivalent
228	Sales Representatives, Wholesale and Manufacturing, Except Technical and	Sales and Related Occupations	\$33,340	\$55,220	High school diploma or equivalent
229	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	Sales and Related Occupations	\$41,240	\$68,370	Bachelor's degree
230	Sawing Machine Setters, Operators, and Tenders, Wood	Production Occupations	\$22,770	\$29,460	High school diploma or equivalent
231	Search Marketing Strategists*	Computer and Mathematical Occupations	\$47,040	\$78,240	Bachelor's degree
232	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	Office and Administrative Support Occupations	\$23,220	\$32,620	High school diploma or equivalent
233	Securities, Commodities, and Financial Services Sales Agents	Sales and Related Occupations	\$32,560	\$59,990	Bachelor's degree
234	Self-Enrichment Education Teachers	Education, Training, and Library Occupations	\$19,940	\$29,000	High school diploma or equivalent

In-Demand Occupations Report - 05/012017

Occupations with State Annual Earnings \geq \$13.47 per hour, Annual Growth in Jobs \geq the Area Average and/or Total Annual Job Openings \geq the Area Average and JobsOhio Industry Cluster In-Demand Occupations and 2nd Tier Methodology for Forecasted Jobs (as of 4/17/15)

Projections					
Ref. #	Occupation Title- 266	Job Family	Starting Wage	Median Wage	Education Level ¹
235	Service Unit Operators, Oil, Gas, and Mining	Construction and Extraction Occupations	\$23,490	\$34,278	Less than high school
236	Sheet Metal Workers	Construction and Extraction Occupations	\$28,400	\$44,940	High school diploma or equivalent
237	Shipping, Receiving, and Traffic Clerks	Office and Administrative Support Occupations	\$22,280	\$30,190	High school diploma or equivalent
238	Social and Community Service Managers	Management Occupations	\$46,580	\$64,170	Bachelor's degree
239	Social and Human Service Assistants	Community and Social Service Occupations	\$20,600	\$29,070	High school diploma or equivalent
240	Software Developers, Applications	Computer and Mathematical Occupations	\$57,000	\$84,920	Bachelor's degree
241	Software Developers, Systems Software	Computer and Mathematical Occupations	\$66,370	\$92,570	Bachelor's degree
242	Software Quality Assurance Engineers and Testers*	Computer and Mathematical Occupations	\$47,040	\$78,240	Bachelor's degree
243	Speech-Language Pathologists	Healthcare Practitioners and Technical Occupations	\$50,270	\$71,840	Master's degree
244	Stationary Engineers and Boiler Operators	Production Occupations	\$40,920	\$53,019	High school diploma or equivalent
245	Statisticians	Computer and Mathematical Occupations	\$49,480	\$79,690	Master's degree
246	Structural Iron and Steel Workers	Construction and Extraction Occupations	\$45,830	\$58,030	High school diploma or equivalent
247	Substance Abuse and Behavioral Disorder Counselors	Community and Social Service	\$30,770	\$40,890	Bachelor's degree
248	Supply Chain Managers*	Management Occupations	\$54,810	\$93,330	High school diploma or equivalent
249	Surgical Assistants*	Healthcare Practitioners and Technical Occupations	\$29,590	\$39,936	Certificate/Some College
250	Surgical Technologists	Healthcare Practitioners and Technical Occupations	\$31,740	\$40,520	Certificate/Some college
251	Team Assemblers	Production Occupations	\$22,220	\$32,330	High school diploma or equivalent
252	Technical Writers	Arts, Design, Entertainment, Sports, and Media	\$43,930	\$59,450	Bachelor's degree
253	Telecommunications Equipment Installers and Repairers, Except Line Installers	Installation, Maintenance, and Repair Occupations	\$32,820	\$51,688	Certificate/Some College
254	Tellers	Office and Administrative Support Occupations	\$21,170	\$24,210	High school diploma or equivalent
255	Tool and Die Makers	Production Occupations	\$36,570	\$48,800	High school diploma or equivalent
256	Training and Development Specialists	Business and Financial Operations Occupations	\$37,110	\$55,570	Bachelor's degree
257	Transportation Inspectors	Transportation and Material Moving Occupations	\$31,930	\$50,310	High school diploma or equivalent
258	Transportation, Storage, and Distribution Managers	Management Occupations	\$55,960	\$80,280	High school diploma or equivalent
259	Validation Engineers*	Architecture and Engineering Occupations	\$53,310	\$84,560	Bachelor's degree
260	Veterinary Technologists and Technicians	Healthcare Practitioners and Technical Occupations	\$26,050	\$31,230	Associate's degree
261	Water and Wastewater Treatment Plant and System Operators	Production Occupations	\$31,580	\$45,120	High school diploma or equivalent
262	Web Developers	Computer and Mathematical Occupations	\$36,120	\$58,710	Associate's degree
263	Welders, Cutters, Solderers, and Brazers	Production Occupations	\$27,910	\$36,340	High school diploma or equivalent
264	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	Production Occupations	\$26,600	\$36,754	High school diploma or equivalent
265	Wellhead Pumpers	Transportation and Material Moving Occupations	\$37,820	\$52,312	Less than high school
266	Wholesale and Retail Buyers, Except Farm Products	Business and Financial Operations Occupations	\$38,610	\$54,060	Bachelor's degree

Occupations with Annual Earnings \geq \$13.47 per hour, Job Growth Count \geq the Area Average (50 jobs), And/Or Total Annual Openings \geq the Area Average (230 jobs)

Regional jobs forecasted may not total to the state due to various statewide only forecasted data.

Data across all tables may not be comparable due to differences in reporting periods, data source and data compression and rounding

¹Typical education level needed to enter the occupation, using the US Bureau of Labor Statistics (BLS) education and training classification system

²Typical on-the-job training needed to attain competency in the occupation (https://www.bls.gov/emp/ep_nem_definitions.htm#education)

*The openings and growth numbers for this occupation represent an occupational category that includes, but is larger than the specific occupational title listed