

Ohio Statewide Industry Employment Projection Report: 2014 - 2024

The Ohio Department of Job and Family Services' Bureau of Labor Market Information updates ten-year employment projections every two years. These state labor statistics are a critical component used to identify [In-Demand occupations](#) in Ohio. An In-Demand job in Ohio is defined as a job that has a sustainable wage and a promising future based on the projected number of openings and growth.

The current projections use employment statistics through 2014 as a foundation to project employment conditions for the 10-year period ending in 2024. The difference between the two years represents new jobs from growth.

Each JobsOhio regional report contains a summary of the employment outlook by North American Industry Classification System (NAICS) industry group. The number of annual openings is the result of both new jobs and vacancies resulting from retirements. The complete Job Outlook, 2014-2024 reports may be found at: <http://ohiolmi.com/proj/projections.htm>.

Ohio's Industry Employment Projections Report, 2014-2024

NAICS Code	Industry Title	2014* Annual Employment	2024* Projected Employment	Change in Employment 2014-2024	Percent Change 2014-2024
Total All Industries		5,644,600	5,944,800	300,200	5.3%
Agriculture, Forestry, Fishing and Hunting		90,090	80,660	-9,430	-10.5%
Mining		14,460	13,870	-590	-4.1%
212	Mining (except Oil and Gas)	5,670	5,550	-120	-2.1%
213	Support Activities for Mining	6,460	5,790	-670	-10.4%
Construction		195,760	219,580	23,820	12.2%
236	Construction of Buildings	43,360	50,150	6,790	15.7%
2361	Residential Building Construction	18,120	21,650	3,530	19.5%
2362	Nonresidential Building Construction	25,240	28,490	3,250	12.9%
237	Heavy and Civil Engineering Construction	27,310	31,020	3,710	13.6%
2371	Utility System Construction	15,720	18,560	2,840	18.1%
2373	Highway, Street, and Bridge Construction	9,320	9,880	560	6.0%
238	Specialty Trade Contractors	125,100	138,410	13,310	10.6%
2381	Building Foundation and Exterior Contractors	24,600	25,590	990	4.0%
2382	Building Equipment Contractors	63,140	72,840	9,700	15.4%
2383	Building Finishing Contractors	19,050	20,330	1,280	6.7%
2389	Other Specialty Trade Contractors	18,310	19,650	1,340	7.3%
Manufacturing		674,260	646,050	-28,210	-4.2%
311	Food Manufacturing	57,080	57,510	430	0.8%
3114	Manufacturing	11,550	12,860	1,310	11.3%
3115	Dairy Product Manufacturing	6,850	6,890	40	0.6%
3116	Animal Slaughtering and Processing	11,030	10,900	-130	-1.2%
3118	Bakeries and Tortilla Manufacturing	12,750	12,320	-430	-3.4%
3119	Other Food Manufacturing	7,970	8,080	110	1.4%
312	Beverage and Tobacco Product Manufacturing	6,910	6,680	-230	-3.3%
321	Wood Product Manufacturing	11,960	12,130	170	1.4%
3219	Other Wood Product Manufacturing	8,730	8,860	130	1.5%
322	Paper Manufacturing	19,250	17,280	-1,970	-10.2%
3222	Converted Paper Product Manufacturing	16,460	14,730	-1,730	-10.5%
323	Printing and Related Support Activities	21,430	18,670	-2,760	-12.9%
325	Chemical Manufacturing	43,290	42,600	-690	-1.6%
3251	Basic Chemical Manufacturing	9,330	9,280	-50	-0.5%
3252	Resin, Rubber and Artificial Fibers Manufacturing	5,840	5,290	-550	-9.4%
3255	Paint, Coating, and Adhesive Manufacturing	7,810	7,330	-480	-6.1%
3256	Soap, Cleaning Compound, and Toiletry Manufacturing	8,240	9,570	1,330	16.1%
326	Plastics and Rubber Products Manufacturing	55,050	50,920	-4,130	-7.5%
3261	Plastics Product Manufacturing	41,940	36,880	-5,060	-12.1%
3262	Rubber Product Manufacturing	13,110	14,040	930	7.1%
327	Nonmetallic Mineral Product Manufacturing	25,410	23,790	-1,620	-6.4%
3272	Glass and Glass Product Manufacturing	7,420	5,220	-2,200	-29.6%
3273	Cement and Concrete Product Manufacturing	5,210	5,270	60	1.2%

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3279	Other Nonmetallic Mineral Product Manufacturing	7,350	7,870	520	7.1%
331	Primary Metal Manufacturing	38,890	35,940	-2,950	-7.6%
3311	Iron and Steel Mills and Ferroalloy Manufacturing	8,940	8,870	-70	-0.8%
3312	Steel Product Manufacturing from Purchased Steel	7,370	7,700	330	4.5%
3314	Other Nonferrous Metal Production	5,820	5,320	-500	-8.6%
3315	Foundries	13,740	11,350	-2,390	-17.4%
332	Fabricated Metal Product Manufacturing	103,050	102,620	-430	-0.4%
3321	Forging and Stamping	10,880	10,870	-10	-0.1%
3323	Architectural and Structural Metals Manufacturing	16,790	17,250	460	2.7%
3324	Boiler, Tank, and Shipping Container Manufacturing	8,290	8,110	-180	-2.2%
3327	Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing	25,990	27,830	1,840	7.1%
3328	Coating, Engraving, Heat Treating, and Allied Activities	12,620	12,940	320	2.5%
3329	Other Fabricated Metal Product Manufacturing	21,090	19,200	-1,890	-9.0%
333	Machinery Manufacturing	77,720	73,810	-3,910	-5.0%
3332	Industrial Machinery Manufacturing	9,640	9,310	-330	-3.4%
3334	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	6,830	6,520	-310	-4.5%
3335	Metalworking Machinery Manufacturing	22,970	20,340	-2,630	-11.4%
3339	Other General Purpose Machinery Manufacturing	24,270	25,310	1,040	4.3%
334	Computer and Electronic Product Manufacturing	19,400	17,700	-1,700	-8.8%
3344	Semiconductor and Other Electronic Component Manufacturing	6,190	5,920	-270	-4.4%
3345	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	10,080	9,160	-920	-9.1%
335	Electrical Equipment, Appliance, and Component Manufacturing	27,970	26,000	-1,970	-7.0%
3352	Household Appliance Manufacturing	10,020	9,080	-940	-9.4%
3353	Electrical Equipment Manufacturing	8,480	8,170	-310	-3.7%
3359	Other Electrical Equipment and Component Manufacturing	6,800	6,180	-620	-9.1%
336	Transportation Equipment Manufacturing	118,190	115,920	-2,270	-1.9%
3361	Motor Vehicle Manufacturing	22,600	22,150	-450	-2.0%
3362	Motor Vehicle Body and Trailer Manufacturing	8,080	7,780	-300	-3.7%
3363	Motor Vehicle Parts Manufacturing	69,630	69,010	-620	-0.9%
3364	Aerospace Product and Parts Manufacturing	16,600	15,790	-810	-4.9%
337	Furniture and Related Product Manufacturing	14,710	15,450	740	5.0%
3371	Household and Institutional Furniture Manufacturing	10,350	11,380	1,030	10.0%
339	Miscellaneous Manufacturing	21,880	19,520	-2,360	-10.8%
3391	Medical Equipment and Supplies Manufacturing	9,640	9,770	130	1.3%
3399	Other Miscellaneous Manufacturing	12,240	9,750	-2,490	-20.3%
	Wholesale Trade	232,380	243,140	10,760	4.6%
423	Merchant Wholesalers, Durable Goods	127,470	130,430	2,960	2.3%

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4231	Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers	14,430	14,800	370	2.6%
4233	Lumber and Other Construction Materials Merchant Wholesalers	6,850	7,220	370	5.4%
4234	Professional and Commercial Equipment and Supplies Merchant Wholesalers	23,980	23,870	-110	-0.5%
4235	Metal and Mineral (except Petroleum) Merchant Wholesalers	10,160	10,750	590	5.8%
4236	Electrical and Electronic Goods Merchant Wholesalers	11,600	11,390	-210	-1.8%
4237	Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers	10,850	11,120	270	2.5%
4238	Machinery, Equipment, and Supplies Merchant Wholesalers	32,700	32,900	200	0.6%
4239	Miscellaneous Durable Goods Merchant Wholesalers	13,860	15,170	1,310	9.5%
424	Merchant Wholesalers, Nondurable Goods	67,410	67,660	250	0.4%
4242	Drugs and Druggists' Sundries Merchant Wholesalers	6,760	6,320	-440	-6.5%
4244	Grocery and Related Product Wholesalers	23,920	24,600	680	2.8%
4246	Chemical and Allied Products Merchant Wholesalers	8,120	8,570	450	5.5%
4248	Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers	5,820	6,260	440	7.6%
4249	Miscellaneous Nondurable Goods Merchant Wholesalers	9,960	9,260	-700	-7.0%
425	Wholesale Electronic Markets and Agents and Brokers	37,490	45,050	7,560	20.2%
Retail Trade		566,270	582,100	15,830	2.8%
441	Motor Vehicle and Parts Dealers	75,240	80,850	5,610	7.5%
4411	Automobile Dealers	46,590	51,420	4,830	10.4%
4413	Automotive Parts, Accessories, and Tire Stores	24,250	24,960	710	2.9%
442	Furniture and Home Furnishings Stores	13,520	12,740	-780	-5.8%
4421	Furniture Stores	6,900	5,750	-1,150	-16.7%
4422	Home Furnishings Stores	6,620	6,990	370	5.6%
443	Electronics and Appliance Stores	15,940	14,470	-1,470	-9.2%
444	Building Material and Garden Equipment and Supplies Dealers	49,060	50,100	1,040	2.1%
4441	Building Material and Supplies Dealers	42,300	42,950	650	1.5%
4442	Lawn and Garden Equipment and Supplies Stores	6,770	7,150	380	5.6%
445	Food and Beverage Stores	105,340	111,640	6,300	6.0%
4451	Grocery Stores	94,390	99,940	5,550	5.9%
4452	Specialty Food Stores	6,610	6,990	380	5.7%
446	Health and Personal Care Stores	35,930	36,410	480	1.3%
447	Gasoline Stations	35,880	36,390	510	1.4%
448	Clothing and Clothing Accessories Stores	40,480	40,030	-450	-1.1%
4481	Clothing Stores	30,050	29,250	-800	-2.7%
4482	Shoe Stores	5,840	5,930	90	1.5%

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451	Sporting Goods, Hobby, Book, and Music Stores	21,180	21,700	520	2.5%
4511	Sporting Goods, Hobby, and Musical Instrument Stores	18,740	19,830	1,090	5.8%
452	General Merchandise Stores	116,800	114,240	-2,560	-2.2%
4521	Department Stores	44,410	35,400	-9,010	-20.3%
4529	Other General Merchandise Stores	72,380	78,840	6,460	8.9%
453	Miscellaneous Store Retailers	29,750	30,020	270	0.9%
4532	Office Supplies, Stationery, and Gift Stores	9,160	7,850	-1,310	-14.3%
4533	Used Merchandise Stores	7,140	8,710	1,570	22.0%
4539	Other Miscellaneous Store Retailers	10,580	10,890	310	2.9%
454	Nonstore Retailers	27,170	33,540	6,370	23.4%
4541	Electronic Shopping and Mail-Order Houses	17,090	25,040	7,950	46.5%
Transportation and Warehousing		178,460	185,150	6,690	3.7%
481	Air Transportation	9,990	11,120	1,130	11.3%
4812	Nonscheduled Air Transportation	5,560	6,730	1,170	21.0%
482	Rail Transportation	7,820	7,820	0	0.0%
484	Truck Transportation	68,190	70,660	2,470	3.6%
4841	General Freight Trucking	51,380	53,090	1,710	3.3%
4842	Specialized Freight Trucking	16,810	17,570	760	4.5%
485	Transit and Ground Passenger Transport	9,600	10,790	1,190	12.4%
488	Support Activities for Transportation	18,550	19,190	640	3.5%
4885	Freight Transportation Arrangement	7,060	7,530	470	6.7%
492	Couriers and Messengers	21,160	20,540	-620	-2.9%
4921	Couriers	19,690	19,030	-660	-3.4%
493	Warehousing and Storage	41,200	43,020	1,820	4.4%
Utilities		18,220	15,070	-3,150	-17.3%
2211	Power Generation and Supply	13,000	10,410	-2,590	-19.9%
Information		72,650	67,150	-5,500	-7.6%
511	Publishing Industries	23,530	20,640	-2,890	-12.3%
5111	Newspaper, Periodical, Book, and Directory Publishers	18,040	14,010	-4,030	-22.3%
5112	Software Publishers	5,500	6,630	1,130	20.5%
512	Motion Picture and Sound Recording Industries	5,580	5,960	380	6.8%
515	Broadcasting (except Internet)	6,550	6,160	-390	-6.0%
5151	Radio and Television Broadcasting	6,400	6,030	-370	-5.8%
517	Telecommunications	25,660	22,270	-3,390	-13.2%
5171	Wired Telecommunications Carriers	19,810	16,130	-3,680	-18.6%
518	Data Processing, Hosting and Related Services	5,700	6,080	380	6.7%
519	Other Information Services	5,630	6,030	400	7.1%
Finance and Insurance		224,390	233,930	9,540	4.3%
522	Credit Intermediation and Related Activities	90,880	91,630	750	0.8%
5221	Depository Credit Intermediation	57,650	56,840	-810	-1.4%
5222	Nondepository Credit Intermediation	19,560	20,150	590	3.0%
5223	Activities Related to Credit Intermediation	13,670	14,640	970	7.1%

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523	Securities, Commodity Contracts, and Other Financial Investments and Related Activities	17,510	21,300	3,790	21.6%
5231	Securities and Commodity Contracts Intermediation and Brokerage	9,210	9,760	550	6.0%
5239	Other Financial Investment Activities	8,290	11,530	3,240	39.1%
524	Insurance Carriers and Related Activities	114,940	119,920	4,980	4.3%
5241	Insurance Carriers	76,740	78,760	2,020	2.6%
5242	Agencies, Brokerages, and Other Insurance Related Activities	38,200	41,160	2,960	7.7%
Real Estate and Rental and Leasing		61,110	63,990	2,880	4.7%
531	Real Estate	42,340	45,040	2,700	6.4%
5311	Lessors of Real Estate	17,050	16,070	-980	-5.7%
5312	Offices of Real Estate Agents and Brokers	6,230	5,220	-1,010	-16.2%
5313	Activities Related to Real Estate	19,070	23,750	4,680	24.5%
532	Rental and Leasing Services	18,210	18,380	170	0.9%
5321	Automotive Equipment Rental and Leasing	6,350	6,490	140	2.2%
5322	Consumer Goods Rental	6,420	6,010	-410	-6.4%
Professional, Scientific, and Technical Services		248,420	277,040	28,620	11.5%
5411	Legal Services	32,990	33,130	140	0.4%
5412	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	30,890	32,390	1,500	4.9%
5413	Architectural, Engineering, and Related Services	40,490	43,620	3,130	7.7%
5414	Specialized Design Services	6,640	7,070	430	6.5%
5415	Computer Systems Design and Related Services	56,220	68,790	12,570	22.4%
5416	Management, Scientific, and Technical Consulting Services	29,060	36,280	7,220	24.8%
5417	Scientific Research and Development Services	16,780	17,620	840	5.0%
5418	Advertising and Related Services	13,320	13,560	240	1.8%
5419	Other Professional, Scientific, and Technical Services	22,030	24,600	2,570	11.7%
Management of Companies and Enterprises		138,000	143,350	5,350	3.9%
Administrative and Support and Waste Management and Remediation Services		322,710	349,540	26,830	8.3%
561	Administrative and Support Services	307,340	333,670	26,330	8.6%
5611	Office Administrative Services	19,270	22,030	2,760	14.3%
5613	Employment Services	140,640	157,810	17,170	12.2%
5614	Business Support Services	37,590	40,280	2,690	7.2%
5616	Investigation and Security Services	24,110	24,870	760	3.2%
5617	Services to Buildings and Dwellings	68,750	70,770	2,020	2.9%
5619	Other Support Services	10,620	11,370	750	7.1%
562	Waste Management and Remediation Service	15,380	15,860	480	3.1%
5621	Waste Collection	5,250	6,090	840	16.0%
5629	Remediation and Other Waste Services	5,780	6,510	730	12.6%

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Educational Services		423,460	447,110	23,650	5.6%
6111	Elementary and secondary schools	271,800	282,920	11,120	4.1%
6112	Junior colleges	22,260	23,290	1,030	4.6%
6113	Colleges and universities	94,400	100,460	6,060	6.4%
6116	Other schools and instruction	10,500	11,850	1,350	12.9%
6117	Educational support services	19,460	24,240	4,780	24.6%
Health Care and Social Assistance		791,700	939,830	148,130	18.7%
621	Ambulatory Health Care Services	257,590	350,110	92,520	35.9%
6211	Offices of Physicians	86,240	104,060	17,820	20.7%
6212	Offices of Dentists	31,160	36,500	5,340	17.1%
6213	Offices of Other Health Practitioners	31,560	45,050	13,490	42.7%
6214	Outpatient Care Centers	27,940	41,310	13,370	47.9%
6215	Medical and Diagnostic Laboratories	7,460	9,500	2,040	27.3%
6216	Home Health Care Services	61,380	97,390	36,010	58.7%
6219	Other Ambulatory Health Care Services	11,860	16,310	4,450	37.5%
622	Hospitals	268,640	286,260	17,620	6.6%
623	Nursing and Residential Care Facilities	168,350	200,660	32,310	19.2%
6231	Nursing Care Facilities	99,360	107,270	7,910	8.0%
6232	Residential Intellectual and Developmental Disability, Mental Health, & Substance Abuse Facilities	29,270	36,870	7,600	26.0%
6233	Community Care Facilities for the Elderly	35,480	52,220	16,740	47.2%
624	Social Assistance	97,120	102,800	5,680	5.8%
6241	Individual and Family Services	50,500	55,100	4,600	9.1%
6242	Community Food and Housing, and Emergency and Other Relief Services	5,380	5,650	270	5.0%
6243	Vocational Rehabilitation Services	10,190	9,320	-870	-8.5%
6244	Child Day Care Services	31,050	32,720	1,670	5.4%
Arts, Entertainment, and Recreation		75,200	79,910	4,710	6.3%
711	Performing Arts, Spectator Sports, and Related Industries	13,960	14,540	580	4.2%
7112	Spectator Sports	5,100	5,250	150	2.9%
7113	Promoters of Performing Arts and Sports	5,040	5,390	350	6.9%
712	Museums, Historical Sites, and Similar Institution	7,000	7,490	490	7.0%
713	Amusement, Gambling, and Recreation Industries	54,240	57,890	3,650	6.7%
7131	Amusement Parks and Arcades	5,570	6,080	510	9.2%
7132	Gambling Industries	7,400	7,890	490	6.6%
7139	Other Amusement and Recreation Industries	41,270	43,920	2,650	6.4%
Accommodation and Food Services		451,190	476,960	25,770	5.7%
721	Accommodation	35,100	36,840	1,740	5.0%
7211	Traveler Accommodation	33,330	34,730	1,400	4.2%
722	Food Services and Drinking Places	416,090	440,120	24,030	5.8%
7223	Special Food Services	17,860	18,570	710	4.0%
7224	Drinking Places (Alcoholic Beverages)	14,300	14,730	430	3.0%

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7225	Restaurants & Other Eating Places	383,930	406,820	22,890	6.0%
	Other Services (Except Government)	223,290	230,370	7,080	3.2%
811	Repair and Maintenance	44,670	48,190	3,520	7.9%
8111	Automotive Repair and Maintenance	31,510	34,440	2,930	9.3%
	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	7,840	8,450	610	7.8%
8113					
812	Personal and Laundry Services	54,500	57,400	2,900	5.3%
8121	Personal Care Services	27,780	30,860	3,080	11.1%
8122	Death Care Services	6,840	6,910	70	1.0%
8123	Drycleaning and Laundry Services	11,300	10,570	-730	-6.5%
8129	Other Personal Services	8,580	9,070	490	5.7%
	Religious, Grantmaking, Civic, Professional, and Similar Organizations	109,870	110,190	320	0.3%
813					
8131	Religious Organizations	66,340	66,450	110	0.2%
8134	Civic and Social Organizations	20,290	20,400	110	0.5%
	Business, Professional, Labor, Political, and Similar Organizations	14,460	13,960	-500	-3.5%
8139					
814	Private Households	14,250	14,590	340	2.4%
	Government	349,580	340,780	-8,800	-2.5%
	Postal Service	22,660	15,120	-7,540	-33.3%
	Federal Government, Excluding Post Office	53,180	46,140	-7,040	-13.2%
	State Government, Excluding Education and Hospitals	53,000	51,960	-1,040	-2.0%
	Local Government, Excluding Education and Hospitals	220,740	227,550	6,810	3.1%
	Self-Employed and Unpaid Family Workers, All Jobs	293,000	309,230	16,230	5.5%

*Occupations with 5,000 or more workers.

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, December 2016.