



Private-sector employment in Appalachian Ohio

Private-sector employment in Appalachian Ohio

This report provides an overview of private-sector employment in Appalachian Ohio. All data featured in the report come from [data-Fab](#), which uses a proprietary algorithm to estimate industry-specific employment values for each county in the United States. In many cases, due to data suppression issues, public datasets do not provide the level of detail required (i.e., industry-specific estimates) to perform meaningful analyses of geographies with low population or employment levels (i.e., many rural counties).

Data-Fab uses publicly available data from the U.S. Bureau of Labor Statistics—the Quarterly Census of Employment and Wages (QCEW)—and then “fills in” unknown or suppressed values. The resulting dataset, featured throughout this report, allows for industry-specific employment estimates.

Without a dataset that “fills in” these missing values, discussion surrounding county-level employment can oftentimes be limited to only high-level, broad categories such as “Manufacturing.” With data-Fab, however, 91 industries are examined—and in the case of manufacturing, 18 specific types of manufacturing are included as distinct categories (e.g., “Paper Manufacturing” and “Transportation Equipment Manufacturing”). Descriptions of each industry are available by clicking on the links in Table 6 below.

In addition to state-specific reports (such as this one), a spreadsheet is available on ARC’s website, where users can create custom data pulls that compare geographies and industries of particular interest.

Figure 1 compares **changes in total employment** levels from 2016 to 2021 across five geographies.

Appalachian Ohio saw a decline of 3.6% over the time period, which was larger than the decline experienced in the non-Appalachian portion of the state (-1.0%). Meanwhile, the United States as a whole and the Appalachian Region both experienced *increases* in total employment, at 1.8% and 0.4% growth, respectively.

Figure 1 – Employment change, 2016 to 2021

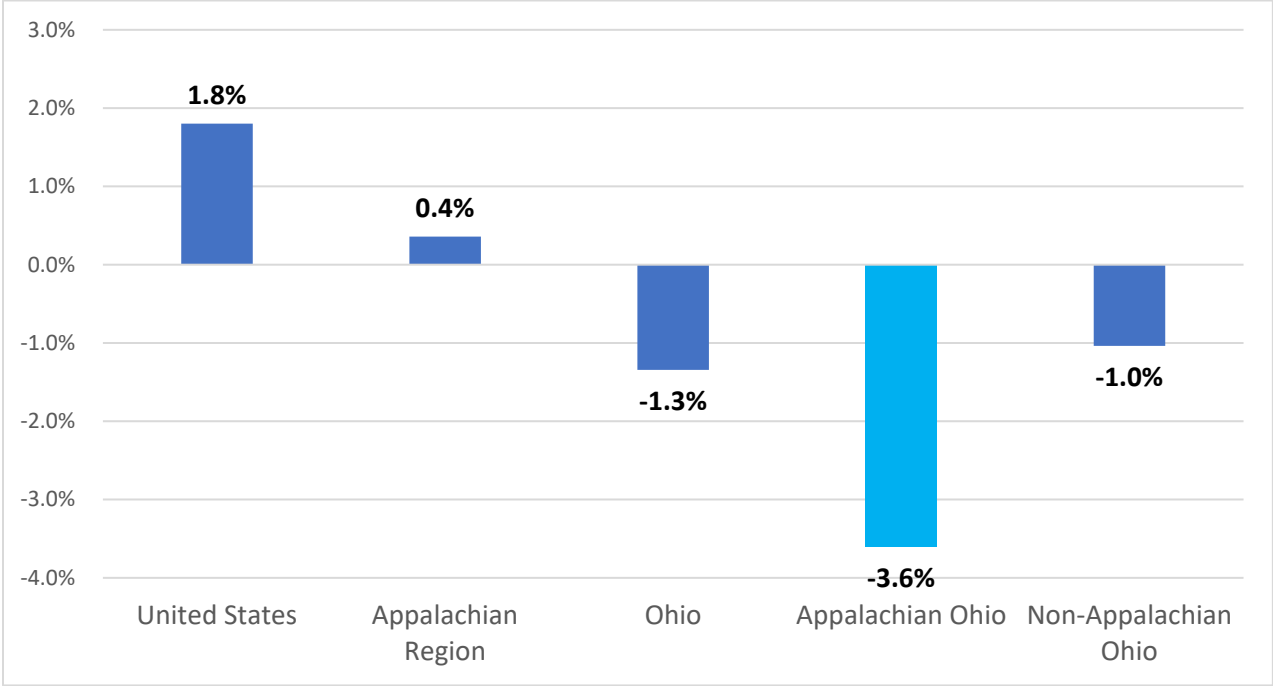


Table 1 ranks industries by **employment levels** in 2021.

Also included in the table are **industrial shares**, which represent the percentage of total employment constituted by any given industry. For example, in 2021, **Food Services and Drinking Places** accounted for 10.9% of total employment in Appalachian Ohio.

Two **employment change** variables are also included: **number** and **percent**. The aforementioned industry—**Food Services and Drinking Places**—saw a 2.5% decrease in employment from 2016 to 2021, representing a loss of 1,458 jobs.

Table 1 – Industries ranked by employment, 2021

Industry		Employment		Industrial Share		Employment change	
Number	Description	2016	2021	2016	2021	Number	Percent
722	Food Services and Drinking Places	59,425	57,967	10.8%	10.9%	-1,458	-2.5%
621	Ambulatory Health Care Services	37,462	36,875	6.8%	7.0%	-587	-1.6%
622	Hospitals	27,307	27,169	5.0%	5.1%	-138	-0.5%
623	Nursing and Residential Care Facilities	28,981	25,869	5.3%	4.9%	-3,112	-10.7%
561	Administrative and Support Services	28,003	25,233	5.1%	4.8%	-2,770	-9.9%
238	Specialty Trade Contractors	18,767	19,633	3.4%	3.7%	+866	+4.6%
452	General Merchandise Stores	20,255	18,273	3.7%	3.5%	-1,982	-9.8%
541	Professional, Scientific, and Technical Services	15,268	15,863	2.8%	3.0%	+595	+3.9%
624	Social Assistance	13,340	15,479	2.4%	2.9%	+2,139	+16.0%
445	Food and Beverage Stores	16,463	15,470	3.0%	2.9%	-993	-6.0%
332	Fabricated Metal Product Manufacturing	11,816	12,385	2.2%	2.3%	+569	+4.8%
423	Merchant Wholesalers, Durable Goods	11,463	12,294	2.1%	2.3%	+831	+7.2%
441	Motor Vehicle and Parts Dealers	12,566	11,643	2.3%	2.2%	-923	-7.3%
484	Truck Transportation	11,169	10,843	2.0%	2.0%	-326	-2.9%
444	Building Material and Garden Equipment and Supplies Dealers	9,322	10,276	1.7%	1.9%	+954	+10.2%
331	Primary Metal Manufacturing	10,200	9,551	1.9%	1.8%	-649	-6.4%
522	Credit Intermediation and Related Activities	9,838	8,466	1.8%	1.6%	-1,372	-13.9%
326	Plastics and Rubber Products Manufacturing	8,003	8,120	1.5%	1.5%	+117	+1.5%
447	Gasoline Stations	7,899	8,076	1.4%	1.5%	+177	+2.2%
336	Transportation Equipment Manufacturing	11,587	7,858	2.1%	1.5%	-3,729	-32.2%
10	Total Economy	549,440	529,647	100%	100%	-19,793	-3.6%

Table 2 ranks industries by **employment change**, in **absolute** terms (i.e., the number of jobs added or lost), from 2016 to 2021.

The top ten rows display the industries that had the largest *increases* over the time period. **Social Assistance** saw the largest growth, gaining 2,139 jobs over the five-year span.

The bottom ten rows display the industries that had the largest *decreases* over the time period. **Transportation Equipment Manufacturing** saw the largest decline, losing 3,729 jobs from 2016 to 2021.

Table 2 – Industries ranked by employment change, Number, 2016 to 2021

Industry		Employment		Industrial Share		Employment change	
Number	Description	2016	2021	2016	2021	Number	Percent
624	Social Assistance	13,340	15,479	2.4%	2.9%	+2,139	+16.0%
492	Couriers and Messengers	1,579	3,414	0.3%	0.6%	+1,835	+116.2%
444	Building Material and Garden Equipment and Supplies Dealers	9,322	10,276	1.7%	1.9%	+954	+10.2%
493	Warehousing and Storage	4,020	4,896	0.7%	0.9%	+876	+21.8%
238	Specialty Trade Contractors	18,767	19,633	3.4%	3.7%	+866	+4.6%
423	Merchant Wholesalers, Durable Goods	11,463	12,294	2.1%	2.3%	+831	+7.2%
488	Support Activities for Transportation	3,155	3,781	0.6%	0.7%	+626	+19.8%
541	Professional, Scientific, and Technical Services	15,268	15,863	2.8%	3.0%	+595	+3.9%
531	Real Estate	3,464	4,038	0.6%	0.8%	+574	+16.6%
332	Fabricated Metal Product Manufacturing	11,816	12,385	2.2%	2.3%	+569	+4.8%
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations	6,015	4,959	1.1%	0.9%	-1,056	-17.6%
448	Clothing and Clothing Accessories Stores	3,850	2,728	0.7%	0.5%	-1,122	-29.1%
221	Utilities	5,210	4,079	0.9%	0.8%	-1,131	-21.7%
522	Credit Intermediation and Related Activities	9,838	8,466	1.8%	1.6%	-1,372	-13.9%
722	Food Services and Drinking Places	59,425	57,967	10.8%	10.9%	-1,458	-2.5%
425	Wholesale Electronic Markets and Agents and Brokers	2,853	1,244	0.5%	0.2%	-1,609	-56.4%
452	General Merchandise Stores	20,255	18,273	3.7%	3.5%	-1,982	-9.8%
561	Administrative and Support Services	28,003	25,233	5.1%	4.8%	-2,770	-9.9%
623	Nursing and Residential Care Facilities	28,981	25,869	5.3%	4.9%	-3,112	-10.7%
336	Transportation Equipment Manufacturing	11,587	7,858	2.1%	1.5%	-3,729	-32.2%
10	Total Economy	549,440	529,647	100%	100%	-19,793	-3.6%

Table 3 ranks industries by **employment change**, in **relative** terms (i.e., percent change), from 2016 to 2021. Quick note: only industries that had at least a 0.5% industrial share in 2016 are included in the table; otherwise, industries with low employment numbers would dominate the table (e.g., an industry jumping from 2 to 4 employees is a 100% increase).

The top ten rows display the industries that had the largest relative *increases* over the time period. **Warehousing and Storage** saw the largest growth, going from 4,020 jobs in 2016 to 4,896 in 2021. These 876 added jobs represent growth of 21.8%.

The bottom ten rows display the industries that saw the largest relative *decreases* over the time period. **Wholesale Electronic Markets and Agents and Brokers** saw the largest decline, dropping from 2,853 jobs in 2016 to 1,244 in 2021. These 1,609 lost jobs represent a decrease of 56.4%.

Table 3 – Industries ranked by employment change, Percent, 2016 to 2021

Industry		Employment		Industrial Share		Employment change	
Number	Description	2016	2021	2016	2021	Number	Percent
493	Warehousing and Storage	4,020	4,896	0.7%	0.9%	+876	+21.8%
488	Support Activities for Transportation	3,155	3,781	0.6%	0.7%	+626	+19.8%
531	Real Estate	3,464	4,038	0.6%	0.8%	+574	+16.6%
624	Social Assistance	13,340	15,479	2.4%	2.9%	+2,139	+16.0%
444	Building Material and Garden Equipment and Supplies Dealers	9,322	10,276	1.7%	1.9%	+954	+10.2%
237	Heavy and Civil Engineering Construction	4,099	4,461	0.7%	0.8%	+362	+8.8%
423	Merchant Wholesalers, Durable Goods	11,463	12,294	2.1%	2.3%	+831	+7.2%
337	Furniture and Related Product Manufacturing	3,306	3,524	0.6%	0.7%	+218	+6.6%
562	Waste Management and Remediation Services	4,764	5,070	0.9%	1.0%	+306	+6.4%
332	Fabricated Metal Product Manufacturing	11,816	12,385	2.2%	2.3%	+569	+4.8%
327	Nonmetallic Mineral Product Manufacturing	4,589	4,046	0.8%	0.8%	-543	-11.8%
524	Insurance Carriers and Related Activities	5,677	4,975	1.0%	0.9%	-702	-12.4%
522	Credit Intermediation and Related Activities	9,838	8,466	1.8%	1.6%	-1,372	-13.9%
213	Support Activities for Mining	3,196	2,668	0.6%	0.5%	-528	-16.5%
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations	6,015	4,959	1.1%	0.9%	-1,056	-17.6%
221	Utilities	5,210	4,079	0.9%	0.8%	-1,131	-21.7%
451	Sporting Goods, Hobby, Musical Instrument, and Book Stores	2,869	2,194	0.5%	0.4%	-675	-23.5%
448	Clothing and Clothing Accessories Stores	3,850	2,728	0.7%	0.5%	-1,122	-29.1%
336	Transportation Equipment Manufacturing	11,587	7,858	2.1%	1.5%	-3,729	-32.2%
425	Wholesale Electronic Markets and Agents and Brokers	2,853	1,244	0.5%	0.2%	-1,609	-56.4%
10	Total Economy	549,440	529,647	100%	100%	-19,793	-3.6%

Table 4 ranks industries by **location quotient** in 2021. Location quotients allow us to see how specialized industries are in Appalachian Ohio relative to the United States as a whole. They are calculated by simply dividing industrial shares in Appalachian Ohio by industrial shares for the country overall.

For example, in Appalachian Ohio, there were 6.4x as many employees—in relative terms—in **Primary Metal Manufacturing** in 2021 than in the United States as a whole. (The industrial share for the industry was 1.8% in Appalachian Ohio, compared to 0.28% in the United States as a whole.)

Table 4 – Industries ranked by Location Quotient, 2021

Industry		Employment		Industrial Share		Employment change		Location quotient	
Number	Description	2016	2021	2016	2021	Number	Percent	2016	2021
331	Primary Metal Manufacturing	10,200	9,551	1.9%	1.8%	-649	-6.4%	6.0	6.4
486	Pipeline Transportation	419	653	0.1%	0.1%	+234	+55.8%	1.9	3.1
321	Wood Product Manufacturing	5,463	5,088	1.0%	1.0%	-375	-6.9%	3.1	2.9
213	Support Activities for Mining	3,196	2,668	0.6%	0.5%	-528	-16.5%	2.7	2.8
326	Plastics and Rubber Products Manufacturing	8,003	8,120	1.5%	1.5%	+117	+1.5%	2.5	2.6
562	Waste Management and Remediation Services	4,764	5,070	0.9%	1.0%	+306	+6.4%	2.6	2.6
316	Leather and Allied Product Manufacturing	251	278	0.0%	0.1%	+27	+10.8%	1.9	2.5
327	Nonmetallic Mineral Product Manufacturing	4,589	4,046	0.8%	0.8%	-543	-11.8%	2.5	2.3
337	Furniture and Related Product Manufacturing	3,306	3,524	0.6%	0.7%	+218	+6.6%	1.9	2.2
332	Fabricated Metal Product Manufacturing	11,816	12,385	2.2%	2.3%	+569	+4.8%	1.8	2.1
447	Gasoline Stations	7,899	8,076	1.4%	1.5%	+177	+2.2%	1.9	2.0
623	Nursing and Residential Care Facilities	28,981	25,869	5.3%	4.9%	-3,112	-10.7%	1.9	2.0
322	Paper Manufacturing	3,212	2,907	0.6%	0.5%	-305	-9.5%	1.9	1.9
211	Oil and Gas Extraction	989	894	0.2%	0.2%	-95	-9.6%	1.2	1.8
482	Rail Transportation* (includes 482 Rail Transp. adjustment)	1,555	1,128	0.3%	0.2%	-427	-27.5%	1.9	1.8
212	Mining (except Oil and Gas)	2,297	1,347	0.4%	0.3%	-950	-41.4%	2.8	1.8
221	Utilities	5,210	4,079	0.9%	0.8%	-1,131	-21.7%	2.1	1.7
444	Building Material and Garden Equipment and Supplies Dealers	9,322	10,276	1.7%	1.9%	+954	+10.2%	1.6	1.7
333	Machinery Manufacturing	7,875	7,638	1.4%	1.4%	-237	-3.0%	1.6	1.7
484	Truck Transportation	11,169	10,843	2.0%	2.0%	-326	-2.9%	1.7	1.7
10	Total Economy	549,440	529,647	100%	100%	-19,793	-3.6%	1.0	1.0

Table 5 lists **employment levels** in Ohio’s Appalachian counties in 2016 and 2021, along with two change variables: number and percent. Additional geographies – the United States as a whole, Appalachia, and state-level estimates — are also included for comparison.

Table 5 – Total employment, counties in Appalachian Ohio

County	Employment		Employment change	
	2016	2021	Number	Percent
United States	120,676,775	122,851,611	+2,174,836	+1.8%
Appalachian Region	8,377,996	8,408,130	+30,134	+0.4%
Ohio	4,612,405	4,550,479	-61,926	-1.3%
Appalachian Ohio	549,440	529,647	-19,793	-3.6%
Non-Appalachian Ohio	4,062,965	4,020,832	-42,133	-1.0%
Adams County, OH	4,608	4,971	+363	+7.9%
Ashtabula County, OH	26,281	25,354	-927	-3.5%
Athens County, OH	13,229	13,215	-14	-0.1%
Belmont County, OH	19,864	17,245	-2,619	-13.2%
Brown County, OH	6,132	5,665	-467	-7.6%
Carroll County, OH	5,755	4,861	-894	-15.5%
Clermont County, OH	52,292	53,006	+714	+1.4%
Columbiana County, OH	25,339	23,906	-1,433	-5.7%
Coshocton County, OH	8,923	8,051	-872	-9.8%
Gallia County, OH	9,243	8,841	-402	-4.3%
Guernsey County, OH	13,101	12,076	-1,025	-7.8%
Harrison County, OH	2,915	2,630	-285	-9.8%
Highland County, OH	7,996	8,283	+287	+3.6%
Hocking County, OH	5,145	5,262	+117	+2.3%
Holmes County, OH	18,144	18,977	+833	+4.6%
Jackson County, OH	8,641	8,463	-178	-2.1%
Jefferson County, OH	17,619	16,436	-1,183	-6.7%
Lawrence County, OH	9,995	11,309	+1,314	+13.1%
Mahoning County, OH	86,340	80,970	-5,370	-6.2%
Meigs County, OH	2,424	2,569	+145	+6.0%
Monroe County, OH	1,954	2,189	+235	+12.0%
Morgan County, OH	2,022	2,077	+55	+2.7%
Muskingum County, OH	29,021	29,241	+220	+0.8%
Noble County, OH	2,159	1,974	-185	-8.6%
Perry County, OH	4,303	4,578	+275	+6.4%
Pike County, OH	8,355	8,420	+65	+0.8%
Ross County, OH	21,604	23,044	+1,440	+6.7%

County	Employment		Employment change	
	2016	2021	Number	Percent
Scioto County, OH	19,383	18,939	-444	-2.3%
Trumbull County, OH	60,669	52,329	-8,340	-13.7%
Tuscarawas County, OH	32,029	31,372	-657	-2.1%
Vinton County, OH	1,581	1,589	+8	+0.5%
Washington County, OH	22,374	21,805	-569	-2.5%

Table 6 lists **industry-level employment estimates** in Appalachian Ohio, along with change variables, industrial shares, and location quotients (relative to the United States as a whole).

Table 6 – Industry-level employment in Appalachian Ohio

Industry		Employment		Employment change		Industrial share		Location quotient	
		2016	2021	Number	Percent	2016	2021	2016	2021
10	Total Economy	549,440	529,647	-19,793	-3.6%	100.0%	100.0%	1.0	1.0
111	Crop Production	559	629	+70	+12.5%	0.1%	0.1%	0.2	0.3
112	Animal Production and Aquaculture	692	692	0	0%	0.1%	0.1%	0.6	0.6
113	Forestry and Logging	258	261	+3	+1.2%	0.0%	0.0%	1.0	1.2
114	Fishing, Hunting and Trapping	6	7	+1	+16.7%	0.0%	0.0%	0.2	0.2
115	Support Activities for Agriculture and Forestry	234	221	-13	-5.6%	0.0%	0.0%	0.1	0.1
211	Oil and Gas Extraction	989	894	-95	-9.6%	0.2%	0.2%	1.2	1.8
212	Mining (except Oil and Gas)	2,297	1,347	-950	-41.4%	0.4%	0.3%	2.8	1.8
213	Support Activities for Mining	3,196	2,668	-528	-16.5%	0.6%	0.5%	2.7	2.8
221	Utilities	5,210	4,079	-1,131	-21.7%	0.9%	0.8%	2.1	1.7
236	Construction of Buildings	6,275	6,532	+257	+4.1%	1.1%	1.2%	0.9	0.9
237	Heavy and Civil Engineering Construction	4,099	4,461	+362	+8.8%	0.7%	0.8%	1.0	1.0
238	Specialty Trade Contractors	18,767	19,633	+866	+4.6%	3.4%	3.7%	1.0	1.0
311	Food Manufacturing	8,250	7,823	-427	-5.2%	1.5%	1.5%	1.2	1.1
312	Beverage and Tobacco Product Manufacturing	641	938	+297	+46.3%	0.1%	0.2%	0.6	0.7
313	Textile Mills	254	368	+114	+44.9%	0.0%	0.1%	0.5	0.9
314	Textile Product Mills	495	614	+119	+24.0%	0.1%	0.1%	0.9	1.4
315	Apparel Manufacturing	67	21	-46	-68.7%	0.0%	0.0%	0.1	0.1
316	Leather and Allied Product Manufacturing	251	278	+27	+10.8%	0.0%	0.1%	1.9	2.5
321	Wood Product Manufacturing	5,463	5,088	-375	-6.9%	1.0%	1.0%	3.1	2.9
322	Paper Manufacturing	3,212	2,907	-305	-9.5%	0.6%	0.5%	1.9	1.9
323	Printing and Related Support Activities	1,818	2,310	+492	+27.1%	0.3%	0.4%	0.9	1.5
324	Petroleum and Coal Products Manufacturing	567	522	-45	-7.9%	0.1%	0.1%	1.1	1.2
325	Chemical Manufacturing	4,365	4,435	+70	+1.6%	0.8%	0.8%	1.2	1.2
326	Plastics and Rubber Products Manufacturing	8,003	8,120	+117	+1.5%	1.5%	1.5%	2.5	2.6
327	Nonmetallic Mineral Product Manufacturing	4,589	4,046	-543	-11.8%	0.8%	0.8%	2.5	2.3
331	Primary Metal Manufacturing	10,200	9,551	-649	-6.4%	1.9%	1.8%	6.0	6.4
332	Fabricated Metal Product Manufacturing	11,816	12,385	+569	+4.8%	2.2%	2.3%	1.8	2.1
333	Machinery Manufacturing	7,875	7,638	-237	-3.0%	1.4%	1.4%	1.6	1.7
334	Computer and Electronic Product Manufacturing	707	1,019	+312	+44.1%	0.1%	0.2%	0.1	0.2
335	Electrical Equipment, Appliance, and Component Manufacturing	2,135	1,585	-550	-25.8%	0.4%	0.3%	1.2	0.9
336	Transportation Equipment Manufacturing	11,587	7,858	-3,729	-32.2%	2.1%	1.5%	1.6	1.1
337	Furniture and Related Product Manufacturing	3,306	3,524	+218	+6.6%	0.6%	0.7%	1.9	2.2
339	Miscellaneous Manufacturing	2,253	2,688	+435	+19.3%	0.4%	0.5%	0.8	1.0

Industry	Employment		Employment change		Industrial share		Location quotient	
	2016	2021	Number	Percent	2016	2021	2016	2021
423 Merchant Wholesalers, Durable Goods	11,463	12,294	+831	+7.2%	2.1%	2.3%	0.9	0.9
424 Merchant Wholesalers, Nondurable Goods	7,003	6,810	-193	-2.8%	1.3%	1.3%	0.8	0.8
425 Wholesale Electronic Markets and Agents and Brokers	2,853	1,244	-1,609	-56.4%	0.5%	0.2%	0.7	0.6
441 Motor Vehicle and Parts Dealers	12,566	11,643	-923	-7.3%	2.3%	2.2%	1.4	1.4
442 Furniture and Home Furnishings Stores	1,812	1,701	-111	-6.1%	0.3%	0.3%	0.8	0.9
443 Electronics and Appliance Stores	1,569	1,176	-393	-25.0%	0.3%	0.2%	0.7	0.6
444 Building Material and Garden Equipment and Supplies Dealers	9,322	10,276	+954	+10.2%	1.7%	1.9%	1.6	1.7
445 Food and Beverage Stores	16,463	15,470	-993	-6.0%	3.0%	2.9%	1.2	1.2
446 Health and Personal Care Stores	5,829	5,172	-657	-11.3%	1.1%	1.0%	1.2	1.2
447 Gasoline Stations	7,899	8,076	+177	+2.2%	1.4%	1.5%	1.9	2.0
448 Clothing and Clothing Accessories Stores	3,850	2,728	-1,122	-29.1%	0.7%	0.5%	0.6	0.6
451 Sporting Goods, Hobby, Musical Instrument, and Book Stores	2,869	2,194	-675	-23.5%	0.5%	0.4%	1.0	1.0
452 General Merchandise Stores	20,255	18,273	-1,982	-9.8%	3.7%	3.5%	1.4	1.4
453 Miscellaneous Store Retailers	3,826	3,895	+69	+1.8%	0.7%	0.7%	1.0	1.1
454 Nonstore Retailers	3,536	3,439	-97	-2.7%	0.6%	0.6%	1.4	1.3
481 Air Transportation	36	233	+197	+547.2%	0.0%	0.0%	0.0	0.1
482 Rail Transportation* (includes 482 Rail Transp. adjustment)	1,555	1,128	-427	-27.5%	0.3%	0.2%	1.9	1.8
483 Water Transportation	67	46	-21	-31.3%	0.0%	0.0%	0.2	0.2
484 Truck Transportation	11,169	10,843	-326	-2.9%	2.0%	2.0%	1.7	1.7
485 Transit and Ground Passenger Transportation	1,228	1,233	+5	+0.4%	0.2%	0.2%	0.6	0.8
486 Pipeline Transportation	419	653	+234	+55.8%	0.1%	0.1%	1.9	3.1
487 Scenic and Sightseeing Transportation	5	28	+23	+460.0%	0.0%	0.0%	0.0	0.3
488 Support Activities for Transportation	3,155	3,781	+626	+19.8%	0.6%	0.7%	1.0	1.2
491 Postal Service	0	3	+3		0.0%	0.0%	0.0	0.1
492 Couriers and Messengers	1,579	3,414	+1,835	+116.2%	0.3%	0.6%	0.5	0.7
493 Warehousing and Storage	4,020	4,896	+876	+21.8%	0.7%	0.9%	1.0	0.7
511 Publishing Industries (except Internet)	2,337	2,017	-320	-13.7%	0.4%	0.4%	0.7	0.6
512 Motion Picture and Sound Recording Industries	683	375	-308	-45.1%	0.1%	0.1%	0.3	0.2
515 Broadcasting (except Internet)	835	673	-162	-19.4%	0.2%	0.1%	0.7	0.7
517 Telecommunications	2,313	1,865	-448	-19.4%	0.4%	0.4%	0.6	0.6
518 Data Processing, Hosting, and Related Services	349	388	+39	+11.2%	0.1%	0.1%	0.3	0.2
519 Other Information Services	130	117	-13	-10.0%	0.0%	0.0%	0.1	0.1
521 Monetary Authorities-Central Bank	0	3	+3		0.0%	0.0%	0.0	0.0
522 Credit Intermediation and Related Activities	9,838	8,466	-1,372	-13.9%	1.8%	1.6%	0.8	0.7
523 Securities, Commodity Contracts, and Other Financial Investments and Related Activities	903	928	+25	+2.8%	0.2%	0.2%	0.2	0.2
524 Insurance Carriers and Related Activities	5,677	4,975	-702	-12.4%	1.0%	0.9%	0.5	0.5
525 Funds, Trusts, and Other Financial Vehicles	12	9	-3	-25.0%	0.0%	0.0%	0.3	0.1
531 Real Estate	3,464	4,038	+574	+16.6%	0.6%	0.8%	0.5	0.5
532 Rental and Leasing Services	2,752	2,450	-302	-11.0%	0.5%	0.5%	1.1	1.2
533 Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	68	105	+37	+54.4%	0.0%	0.0%	0.6	1.2
541 Professional, Scientific, and Technical Services	15,268	15,863	+595	+3.9%	2.8%	3.0%	0.4	0.4
551 Management of Companies and Enterprises	4,445	4,599	+154	+3.5%	0.8%	0.9%	0.4	0.5

Industry	Employment		Employment change		Industrial share		Location quotient	
	2016	2021	Number	Percent	2016	2021	2016	2021
561 Administrative and Support Services	28,003	25,233	-2,770	-9.9%	5.1%	4.8%	0.7	0.7
562 Waste Management and Remediation Services	4,764	5,070	+306	+6.4%	0.9%	1.0%	2.6	2.6
611 Educational Services	6,630	5,871	-759	-11.4%	1.2%	1.1%	0.5	0.5
621 Ambulatory Health Care Services	37,462	36,875	-587	-1.6%	6.8%	7.0%	1.2	1.1
622 Hospitals	27,307	27,169	-138	-0.5%	5.0%	5.1%	1.2	1.2
623 Nursing and Residential Care Facilities	28,981	25,869	-3,112	-10.7%	5.3%	4.9%	1.9	2.0
624 Social Assistance	13,340	15,479	+2,139	+16.0%	2.4%	2.9%	0.8	0.9
711 Performing Arts, Spectator Sports, and Related Industries	730	591	-139	-19.0%	0.1%	0.1%	0.3	0.4
712 Museums, Historical Sites, and Similar Institutions	344	422	+78	+22.7%	0.1%	0.1%	0.5	0.7
713 Amusement, Gambling, and Recreation Industries	4,978	4,563	-415	-8.3%	0.9%	0.9%	0.7	0.7
721 Accommodation	4,965	4,652	-313	-6.3%	0.9%	0.9%	0.6	0.7
722 Food Services and Drinking Places	59,425	57,967	-1,458	-2.5%	10.8%	10.9%	1.1	1.3
811 Repair and Maintenance	5,969	6,253	+284	+4.8%	1.1%	1.2%	1.0	1.1
812 Personal and Laundry Services	5,965	5,441	-524	-8.8%	1.1%	1.0%	0.9	0.9
813 Religious, Grantmaking, Civic, Professional, and Similar Organizations	6,015	4,959	-1,056	-17.6%	1.1%	0.9%	1.0	0.9
814 Private Households	604	448	-156	-25.8%	0.1%	0.1%	0.5	0.5
999 Unclassified	100	123	+23	+23.0%	0.0%	0.0%	0.1	0.1