



Private-sector employment in Appalachian New York

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This report provides an overview of private-sector employment in Appalachian New York. 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 New York saw a *decline* of 8.2% over the time period, which was larger than the decline experienced in the non-Appalachian portion of the state (-4.0%). 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

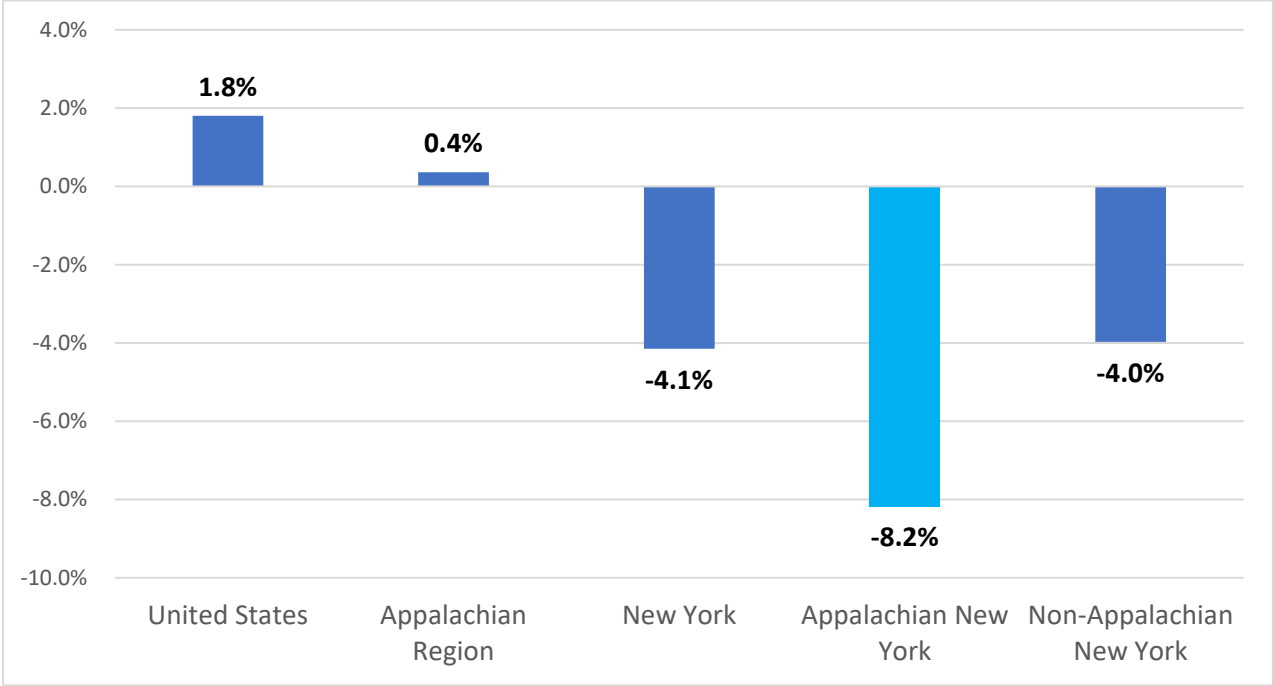


Table 1 ranks industries by **employment levels** in 2021.

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 9.0% of total employment in Appalachian New York.

Two **employment change** variables are also included: **number** and **percent**. The aforementioned industry—**Food Services and Drinking Places**—saw a 12.7% decrease in employment from 2016 to 2021, representing a loss of 3,899 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	30,592	26,693	9.5%	9.0%	-3,899	-12.7%
611	Educational Services	21,152	19,795	6.5%	6.7%	-1,357	-6.4%
622	Hospitals	18,858	17,053	5.8%	5.7%	-1,805	-9.6%
621	Ambulatory Health Care Services	14,330	14,571	4.4%	4.9%	+241	+1.7%
541	Professional, Scientific, and Technical Services	13,161	13,313	4.1%	4.5%	+152	+1.2%
623	Nursing and Residential Care Facilities	14,567	12,751	4.5%	4.3%	-1,816	-12.5%
624	Social Assistance	11,739	11,663	3.6%	3.9%	-76	-0.6%
445	Food and Beverage Stores	11,121	10,429	3.4%	3.5%	-692	-6.2%
561	Administrative and Support Services	12,604	9,735	3.9%	3.3%	-2,869	-22.8%
452	General Merchandise Stores	9,814	9,348	3.0%	3.2%	-466	-4.7%
334	Computer and Electronic Product Manufacturing	8,543	7,451	2.6%	2.5%	-1,092	-12.8%
238	Specialty Trade Contractors	7,279	7,234	2.3%	2.4%	-45	-0.6%
333	Machinery Manufacturing	8,174	6,822	2.5%	2.3%	-1,352	-16.5%
332	Fabricated Metal Product Manufacturing	7,138	6,522	2.2%	2.2%	-616	-8.6%
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations	7,503	6,508	2.3%	2.2%	-995	-13.3%
311	Food Manufacturing	5,866	5,880	1.8%	2.0%	+14	+0.2%
441	Motor Vehicle and Parts Dealers	6,019	5,459	1.9%	1.8%	-560	-9.3%
522	Credit Intermediation and Related Activities	5,289	5,066	1.6%	1.7%	-223	-4.2%
444	Building Material and Garden Equipment and Supplies Dealers	4,618	4,856	1.4%	1.6%	+238	+5.2%
423	Merchant Wholesalers, Durable Goods	4,803	4,579	1.5%	1.5%	-224	-4.7%
10	Total Economy	323,184	296,756	100%	100%	-26,428	-8.2%

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. **Couriers and Messengers** saw the largest growth, gaining 810 jobs over the five-year span.

The bottom ten rows display the industries that had the largest *decreases* over the time period. **Food Services and Drinking Places** saw the largest decline, losing 3,899 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
492	Couriers and Messengers	955	1,765	0.3%	0.6%	+810	+84.8%
312	Beverage and Tobacco Product Manufacturing	901	1,351	0.3%	0.5%	+450	+49.9%
493	Warehousing and Storage	1,868	2,214	0.6%	0.7%	+346	+18.5%
112	Animal Production and Aquaculture	1,614	1,920	0.5%	0.6%	+306	+19.0%
454	Nonstore Retailers	1,349	1,616	0.4%	0.5%	+267	+19.8%
325	Chemical Manufacturing	1,383	1,633	0.4%	0.6%	+250	+18.1%
621	Ambulatory Health Care Services	14,330	14,571	4.4%	4.9%	+241	+1.7%
444	Building Material and Garden Equipment and Supplies Dealers	4,618	4,856	1.4%	1.6%	+238	+5.2%
562	Waste Management and Remediation Services	1,232	1,416	0.4%	0.5%	+184	+14.9%
541	Professional, Scientific, and Technical Services	13,161	13,313	4.1%	4.5%	+152	+1.2%
448	Clothing and Clothing Accessories Stores	2,312	1,478	0.7%	0.5%	-834	-36.1%
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations	7,503	6,508	2.3%	2.2%	-995	-13.3%
334	Computer and Electronic Product Manufacturing	8,543	7,451	2.6%	2.5%	-1,092	-12.8%
424	Merchant Wholesalers, Nondurable Goods	4,678	3,477	1.4%	1.2%	-1,201	-25.7%
333	Machinery Manufacturing	8,174	6,822	2.5%	2.3%	-1,352	-16.5%
611	Educational Services	21,152	19,795	6.5%	6.7%	-1,357	-6.4%
622	Hospitals	18,858	17,053	5.8%	5.7%	-1,805	-9.6%
623	Nursing and Residential Care Facilities	14,567	12,751	4.5%	4.3%	-1,816	-12.5%
561	Administrative and Support Services	12,604	9,735	3.9%	3.3%	-2,869	-22.8%
722	Food Services and Drinking Places	30,592	26,693	9.5%	9.0%	-3,899	-12.7%
10	Total Economy	323,184	296,756	100%	100%	-26,428	-8.2%

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 1,868 jobs in 2016 to 2,214 in 2021. These 346 added jobs represent growth of 18.5%.

The bottom ten rows display the industries that saw the largest relative *decreases* over the time period. **Clothing and Clothing Accessories Stores** saw the largest decline, dropping from 2,312 jobs in 2016 to 1,478 in 2021. These 834 lost jobs represent a decrease of 36.1%.

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	1,868	2,214	0.6%	0.7%	+346	+18.5%
444	Building Material and Garden Equipment and Supplies Dealers	4,618	4,856	1.4%	1.6%	+238	+5.2%
811	Repair and Maintenance	3,035	3,177	0.9%	1.1%	+142	+4.7%
321	Wood Product Manufacturing	1,919	2,001	0.6%	0.7%	+82	+4.3%
621	Ambulatory Health Care Services	14,330	14,571	4.4%	4.9%	+241	+1.7%
541	Professional, Scientific, and Technical Services	13,161	13,313	4.1%	4.5%	+152	+1.2%
551	Management of Companies and Enterprises	3,540	3,561	1.1%	1.2%	+21	+0.6%
311	Food Manufacturing	5,866	5,880	1.8%	2.0%	+14	+0.2%
238	Specialty Trade Contractors	7,279	7,234	2.3%	2.4%	-45	-0.6%
624	Social Assistance	11,739	11,663	3.6%	3.9%	-76	-0.6%
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations	7,503	6,508	2.3%	2.2%	-995	-13.3%
517	Telecommunications	1,678	1,442	0.5%	0.5%	-236	-14.1%
721	Accommodation	5,348	4,538	1.7%	1.5%	-810	-15.1%
333	Machinery Manufacturing	8,174	6,822	2.5%	2.3%	-1,352	-16.5%
713	Amusement, Gambling, and Recreation Industries	3,420	2,820	1.1%	1.0%	-600	-17.5%
561	Administrative and Support Services	12,604	9,735	3.9%	3.3%	-2,869	-22.8%
485	Transit and Ground Passenger Transportation	1,666	1,274	0.5%	0.4%	-392	-23.5%
424	Merchant Wholesalers, Nondurable Goods	4,678	3,477	1.4%	1.2%	-1,201	-25.7%
451	Sporting Goods, Hobby, Musical Instrument, and Book Stores	1,925	1,388	0.6%	0.5%	-537	-27.9%
448	Clothing and Clothing Accessories Stores	2,312	1,478	0.7%	0.5%	-834	-36.1%
10	Total Economy	323,184	296,756	100%	100%	-26,428	-8.2%

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

For example, in Appalachian New York, there were 3.0x as many employees—in relative terms—in **Animal Production and Aquaculture** in 2021 than in the United States as a whole. (The industrial share for the industry was 0.6% in Appalachian New York, compared to 0.2% 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
112	Animal Production and Aquaculture	1,614	1,920	0.5%	0.6%	+306	+19.0%	2.3	3.0
334	Computer and Electronic Product Manufacturing	8,543	7,451	2.6%	2.5%	-1,092	-12.8%	3.1	2.9
611	Educational Services	21,152	19,795	6.5%	6.7%	-1,357	-6.4%	2.9	2.9
712	Museums, Historical Sites, and Similar Institutions	926	932	0.3%	0.3%	+6	+0.6%	2.2	2.8
333	Machinery Manufacturing	8,174	6,822	2.5%	2.3%	-1,352	-16.5%	2.9	2.7
327	Nonmetallic Mineral Product Manufacturing	2,811	2,491	0.9%	0.8%	-320	-11.4%	2.6	2.6
999	Unclassified	998	1,043	0.3%	0.4%	+45	+4.5%	1.4	2.2
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations	7,503	6,508	2.3%	2.2%	-995	-13.3%	2.1	2.2
321	Wood Product Manufacturing	1,919	2,001	0.6%	0.7%	+82	+4.3%	1.8	2.0
332	Fabricated Metal Product Manufacturing	7,138	6,522	2.2%	2.2%	-616	-8.6%	1.9	2.0
312	Beverage and Tobacco Product Manufacturing	901	1,351	0.3%	0.5%	+450	+49.9%	1.4	1.9
623	Nursing and Residential Care Facilities	14,567	12,751	4.5%	4.3%	-1,816	-12.5%	1.6	1.8
212	Mining (except Oil and Gas)	685	717	0.2%	0.2%	+32	+4.7%	1.4	1.7
447	Gasoline Stations	4,015	3,676	1.2%	1.2%	-339	-8.4%	1.6	1.6
314	Textile Product Mills	402	389	0.1%	0.1%	-13	-3.2%	1.3	1.6
324	Petroleum and Coal Products Manufacturing	438	390	0.1%	0.1%	-48	-11.0%	1.5	1.5
311	Food Manufacturing	5,866	5,880	1.8%	2.0%	+14	+0.2%	1.4	1.5
322	Paper Manufacturing	1,251	1,245	0.4%	0.4%	-6	-0.5%	1.3	1.5
444	Building Material and Garden Equipment and Supplies Dealers	4,618	4,856	1.4%	1.6%	+238	+5.2%	1.4	1.4
485	Transit and Ground Passenger Transportation	1,666	1,274	0.5%	0.4%	-392	-23.5%	1.3	1.4
10	Total Economy	323,184	296,756	100%	100%	-26,428	-8.2%	1.0	1.0

Table 5 lists **employment levels** in New York’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 New York

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%
New York	7,795,400	7,472,095	-323,305	-4.1%
Appalachian New York	323,184	296,756	-26,428	-8.2%
Non-Appalachian New York	7,472,216	7,175,339	-296,877	-4.0%
Allegany County, NY	9,741	8,697	-1,044	-10.7%
Broome County, NY	69,547	63,201	-6,346	-9.1%
Cattaraugus County, NY	20,356	18,552	-1,804	-8.9%
Chautauqua County, NY	40,861	36,785	-4,076	-10.0%
Chemung County, NY	29,949	26,943	-3,006	-10.0%
Chenango County, NY	13,499	12,946	-553	-4.1%
Cortland County, NY	14,196	13,056	-1,140	-8.0%
Delaware County, NY	10,463	10,146	-317	-3.0%
Otsego County, NY	19,371	17,435	-1,936	-10.0%
Schoharie County, NY	6,177	5,813	-364	-5.9%
Schuyler County, NY	3,832	3,802	-30	-0.8%
Steuben County, NY	29,727	27,804	-1,923	-6.5%
Tioga County, NY	10,635	10,136	-499	-4.7%
Tompkins County, NY	44,830	41,440	-3,390	-7.6%

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

Table 6 – Industry-level employment in Appalachian New York

Industry		Employment		Employment change		Industrial share		Location quotient	
		2016	2021	Number	Percent	2016	2021	2016	2021
10	Total Economy	323,184	296,756	-26,428	-8.2%	100.0%	100.0%	1.0	1.0
111	Crop Production	884	1,012	+128	+14.5%	0.3%	0.3%	0.6	0.8
112	Animal Production and Aquaculture	1,614	1,920	+306	+19.0%	0.5%	0.6%	2.3	3.0
113	Forestry and Logging	141	125	-16	-11.3%	0.0%	0.0%	0.9	1.0
114	Fishing, Hunting and Trapping	2	3	+1	+50.0%	0.0%	0.0%	0.1	0.1
115	Support Activities for Agriculture and Forestry	456	389	-67	-14.7%	0.1%	0.1%	0.5	0.4
211	Oil and Gas Extraction	287	100	-187	-65.2%	0.1%	0.0%	0.6	0.4
212	Mining (except Oil and Gas)	685	717	+32	+4.7%	0.2%	0.2%	1.4	1.7
213	Support Activities for Mining	150	163	+13	+8.7%	0.0%	0.1%	0.2	0.3
221	Utilities	1,897	1,844	-53	-2.8%	0.6%	0.6%	1.3	1.4
236	Construction of Buildings	3,099	2,851	-248	-8.0%	1.0%	1.0%	0.8	0.7
237	Heavy and Civil Engineering Construction	1,901	1,751	-150	-7.9%	0.6%	0.6%	0.8	0.7
238	Specialty Trade Contractors	7,279	7,234	-45	-0.6%	2.3%	2.4%	0.6	0.6
311	Food Manufacturing	5,866	5,880	+14	+0.2%	1.8%	2.0%	1.4	1.5
312	Beverage and Tobacco Product Manufacturing	901	1,351	+450	+49.9%	0.3%	0.5%	1.4	1.9
313	Textile Mills	73	75	+2	+2.7%	0.0%	0.0%	0.2	0.3
314	Textile Product Mills	402	389	-13	-3.2%	0.1%	0.1%	1.3	1.6
315	Apparel Manufacturing	92	72	-20	-21.7%	0.0%	0.0%	0.3	0.3
316	Leather and Allied Product Manufacturing	126	22	-104	-82.5%	0.0%	0.0%	1.6	0.4
321	Wood Product Manufacturing	1,919	2,001	+82	+4.3%	0.6%	0.7%	1.8	2.0
322	Paper Manufacturing	1,251	1,245	-6	-0.5%	0.4%	0.4%	1.3	1.5
323	Printing and Related Support Activities	1,379	863	-516	-37.4%	0.4%	0.3%	1.2	1.0
324	Petroleum and Coal Products Manufacturing	438	390	-48	-11.0%	0.1%	0.1%	1.5	1.5
325	Chemical Manufacturing	1,383	1,633	+250	+18.1%	0.4%	0.6%	0.6	0.8
326	Plastics and Rubber Products Manufacturing	1,312	1,228	-84	-6.4%	0.4%	0.4%	0.7	0.7
327	Nonmetallic Mineral Product Manufacturing	2,811	2,491	-320	-11.4%	0.9%	0.8%	2.6	2.6
331	Primary Metal Manufacturing	714	621	-93	-13.0%	0.2%	0.2%	0.7	0.7
332	Fabricated Metal Product Manufacturing	7,138	6,522	-616	-8.6%	2.2%	2.2%	1.9	2.0
333	Machinery Manufacturing	8,174	6,822	-1,352	-16.5%	2.5%	2.3%	2.9	2.7
334	Computer and Electronic Product Manufacturing	8,543	7,451	-1,092	-12.8%	2.6%	2.5%	3.1	2.9
335	Electrical Equipment, Appliance, and Component Manufacturing	1,387	851	-536	-38.6%	0.4%	0.3%	1.4	0.9
336	Transportation Equipment Manufacturing	4,482	4,297	-185	-4.1%	1.4%	1.4%	1.0	1.1
337	Furniture and Related Product Manufacturing	1,566	1,214	-352	-22.5%	0.5%	0.4%	1.5	1.4
339	Miscellaneous Manufacturing	1,802	1,651	-151	-8.4%	0.6%	0.6%	1.1	1.1

Industry	Employment		Employment change		Industrial share		Location quotient	
	2016	2021	Number	Percent	2016	2021	2016	2021
423 Merchant Wholesalers, Durable Goods	4,803	4,579	-224	-4.7%	1.5%	1.5%	0.6	0.6
424 Merchant Wholesalers, Nondurable Goods	4,678	3,477	-1,201	-25.7%	1.4%	1.2%	0.9	0.7
425 Wholesale Electronic Markets and Agents and Brokers	1,014	442	-572	-56.4%	0.3%	0.1%	0.4	0.4
441 Motor Vehicle and Parts Dealers	6,019	5,459	-560	-9.3%	1.9%	1.8%	1.1	1.2
442 Furniture and Home Furnishings Stores	1,164	976	-188	-16.2%	0.4%	0.3%	0.9	0.9
443 Electronics and Appliance Stores	916	639	-277	-30.2%	0.3%	0.2%	0.7	0.6
444 Building Material and Garden Equipment and Supplies Dealers	4,618	4,856	+238	+5.2%	1.4%	1.6%	1.4	1.4
445 Food and Beverage Stores	11,121	10,429	-692	-6.2%	3.4%	3.5%	1.3	1.4
446 Health and Personal Care Stores	2,939	2,742	-197	-6.7%	0.9%	0.9%	1.0	1.1
447 Gasoline Stations	4,015	3,676	-339	-8.4%	1.2%	1.2%	1.6	1.6
448 Clothing and Clothing Accessories Stores	2,312	1,478	-834	-36.1%	0.7%	0.5%	0.6	0.6
451 Sporting Goods, Hobby, Musical Instrument, and Book Stores	1,925	1,388	-537	-27.9%	0.6%	0.5%	1.2	1.1
452 General Merchandise Stores	9,814	9,348	-466	-4.7%	3.0%	3.2%	1.1	1.3
453 Miscellaneous Store Retailers	2,243	1,991	-252	-11.2%	0.7%	0.7%	1.0	1.0
454 Nonstore Retailers	1,349	1,616	+267	+19.8%	0.4%	0.5%	0.9	1.1
481 Air Transportation	73	103	+30	+41.1%	0.0%	0.0%	0.1	0.1
482 Rail Transportation* (includes 482 Rail Transp. adjustment)	489	357	-132	-27.0%	0.2%	0.1%	1.0	1.0
483 Water Transportation	0	0	0	0%	0.0%	0.0%	0.0	0.0
484 Truck Transportation	2,305	2,213	-92	-4.0%	0.7%	0.7%	0.6	0.6
485 Transit and Ground Passenger Transportation	1,666	1,274	-392	-23.5%	0.5%	0.4%	1.3	1.4
486 Pipeline Transportation	102	100	-2	-2.0%	0.0%	0.0%	0.8	0.8
487 Scenic and Sightseeing Transportation	79	44	-35	-44.3%	0.0%	0.0%	0.9	0.8
488 Support Activities for Transportation	457	607	+150	+32.8%	0.1%	0.2%	0.3	0.4
491 Postal Service	5	17	+12	+240.0%	0.0%	0.0%	0.3	0.9
492 Couriers and Messengers	955	1,765	+810	+84.8%	0.3%	0.6%	0.6	0.7
493 Warehousing and Storage	1,868	2,214	+346	+18.5%	0.6%	0.7%	0.8	0.5
511 Publishing Industries (except Internet)	1,218	1,051	-167	-13.7%	0.4%	0.4%	0.6	0.5
512 Motion Picture and Sound Recording Industries	314	219	-95	-30.3%	0.1%	0.1%	0.3	0.2
515 Broadcasting (except Internet)	604	515	-89	-14.7%	0.2%	0.2%	0.8	0.9
517 Telecommunications	1,678	1,442	-236	-14.1%	0.5%	0.5%	0.8	0.9
518 Data Processing, Hosting, and Related Services	419	435	+16	+3.8%	0.1%	0.1%	0.5	0.5
519 Other Information Services	513	482	-31	-6.0%	0.2%	0.2%	0.7	0.5
521 Monetary Authorities-Central Bank	0	0	0	0%	0.0%	0.0%	0.0	0.0
522 Credit Intermediation and Related Activities	5,289	5,066	-223	-4.2%	1.6%	1.7%	0.8	0.8
523 Securities, Commodity Contracts, and Other Financial Investments and Related Activities	754	699	-55	-7.3%	0.2%	0.2%	0.3	0.3
524 Insurance Carriers and Related Activities	4,129	3,948	-181	-4.4%	1.3%	1.3%	0.7	0.7
525 Funds, Trusts, and Other Financial Vehicles	5	6	+1	+20.0%	0.0%	0.0%	0.2	0.1
531 Real Estate	2,538	2,231	-307	-12.1%	0.8%	0.8%	0.6	0.5
532 Rental and Leasing Services	1,183	828	-355	-30.0%	0.4%	0.3%	0.8	0.7
533 Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	3	13	+10	+333.3%	0.0%	0.0%	0.0	0.3
541 Professional, Scientific, and Technical Services	13,161	13,313	+152	+1.2%	4.1%	4.5%	0.6	0.6
551 Management of Companies and Enterprises	3,540	3,561	+21	+0.6%	1.1%	1.2%	0.6	0.6

Industry	Employment		Employment change		Industrial share		Location quotient	
	2016	2021	Number	Percent	2016	2021	2016	2021
561 Administrative and Support Services	12,604	9,735	-2,869	-22.8%	3.9%	3.3%	0.6	0.5
562 Waste Management and Remediation Services	1,232	1,416	+184	+14.9%	0.4%	0.5%	1.1	1.3
611 Educational Services	21,152	19,795	-1,357	-6.4%	6.5%	6.7%	2.9	2.9
621 Ambulatory Health Care Services	14,330	14,571	+241	+1.7%	4.4%	4.9%	0.8	0.8
622 Hospitals	18,858	17,053	-1,805	-9.6%	5.8%	5.7%	1.4	1.4
623 Nursing and Residential Care Facilities	14,567	12,751	-1,816	-12.5%	4.5%	4.3%	1.6	1.8
624 Social Assistance	11,739	11,663	-76	-0.6%	3.6%	3.9%	1.2	1.2
711 Performing Arts, Spectator Sports, and Related Industries	1,151	515	-636	-55.3%	0.4%	0.2%	0.9	0.6
712 Museums, Historical Sites, and Similar Institutions	926	932	+6	+0.6%	0.3%	0.3%	2.2	2.8
713 Amusement, Gambling, and Recreation Industries	3,420	2,820	-600	-17.5%	1.1%	1.0%	0.8	0.8
721 Accommodation	5,348	4,538	-810	-15.1%	1.7%	1.5%	1.0	1.3
722 Food Services and Drinking Places	30,592	26,693	-3,899	-12.7%	9.5%	9.0%	1.0	1.0
811 Repair and Maintenance	3,035	3,177	+142	+4.7%	0.9%	1.1%	0.9	1.0
812 Personal and Laundry Services	2,838	2,472	-366	-12.9%	0.9%	0.8%	0.7	0.8
813 Religious, Grantmaking, Civic, Professional, and Similar Organizations	7,503	6,508	-995	-13.3%	2.3%	2.2%	2.1	2.2
814 Private Households	460	297	-163	-35.4%	0.1%	0.1%	0.6	0.6
999 Unclassified	998	1,043	+45	+4.5%	0.3%	0.4%	1.4	2.2