

Shift Share Analysis of Employment and Wages for Polk County

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Overview

Polk County saw significant private sector employment growth from Q1 2018 through Q1 2022, adding over 32,000 jobs (17.0% growth) during the period. This is particularly strong when compared to the national growth which saw an increase of only 2.8% during the same period. The difference in growth between the nation and county accounted for more nearly 27,000 jobs locally. Wages have also improved overall, with 19.4% growth to an average weekly wage of \$977. This, however, was just barely outpaced by the growth of wages nationally which grew by 20.2%. Overall, Polk County had strong jobs growth, with similar wage growth, relative to the nation.

Since the economy has reopened following the COVID-19 shutdowns, the labor market has remained very tight and while our local population growth has helped, we continue to have very low unemployment and high demand for workers.

Using Shift Share Analysis, we are able to see a breakdown of what sectors and subsectors were responsible for the job growth, above and beyond what would have been expected. The growth can be broken down into 3 components:

1. The National Component – how many jobs would have been created if, at the county level, the sector grew at the overall national average (2.8% in the study period).
2. The Industry Component – the difference in job creation between the overall national average and the sector, at the national average.
3. The Local Component – the difference in job creation between the actual local employment change and what would have been expected given the overall national and industry growth.

To see how Polk County has fared, it is important to separate out the Local Component from the overall job growth. This was studied down to the 3-digit NAICS subsector level.

At the 2-digit level, we saw strong local growth from:

- Transportation and Warehousing (76.4%)
- Finance and Insurance (20.5%)
- Administrative and Waste Services (17.9%)
- Utilities (15.0%)
- Other Service, Except Public Administration (14.3%)
- Real Estate and Rental and Leasing (14.3%)
- Accommodation and Food Services (13.5%)

- Manufacturing (10.3%)

We saw moderate growth from:

- Wholesale Trade (8.3%)
- Educational Services (7.0%)
- Retail Trade (6.4%)
- Information (6.4%)
- Professional and Technical Services (6.1%)
- Construction (5.9%)
- Management of Companies and Enterprises (5.8%)
- Health Care and Social Assistance (4.8%)
- Arts, Entertainment, and Recreation (3.8%)
- Mining, Quarrying, and Oil and Gas Extraction (3.7%)

We saw significant shrinking from:

- Agriculture, Forestry, Fishing and Hunting (-19.9%)

There can be much variation among the 3-digit subsectors within each sector. Analyzing this data may shed light on where the growth came from and how the growth in some areas compares to the losses in others. It is also worth considering the impact to the local economy of the jobs gained and lost. Two measures we can look at are Location Quotient (LQ) and average wages. LQs greater than 1 represent industries that have basic jobs for the Polk County economy, where basic jobs are ones above and beyond those necessary to meet the average demand for goods from that subsector given the population of the county. In other words, the basic jobs are the ones that produce the goods and services we “export” outside of the county, bringing outside money in. High LQ subsectors provide significant economic benefit to our county by bringing that outside money in. It is also worthwhile to study the changes to average wages in the subsectors. To do this, we can also conduct a Shift Share Analysis on the wages at the subsector level.

Industry Summaries

Agriculture

Within Agriculture, the most significant losses come from Crop Production, which lost 329 jobs in Polk County. This has a somewhat mitigated impact due to the lower than average Location Quotient (LQ of .91) and wages (\$682 weekly). Wages for the sector as a whole were up slightly and well behind wage growth for the industry (local component of -9.7%).

Mining, Quarrying, and Oil and Gas Extraction

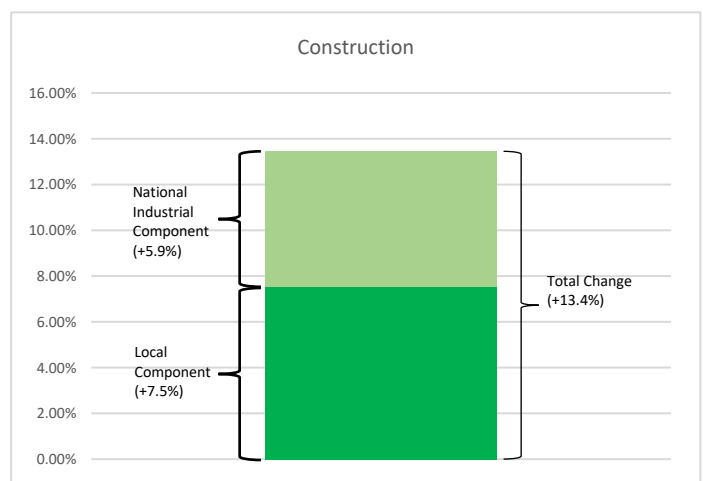
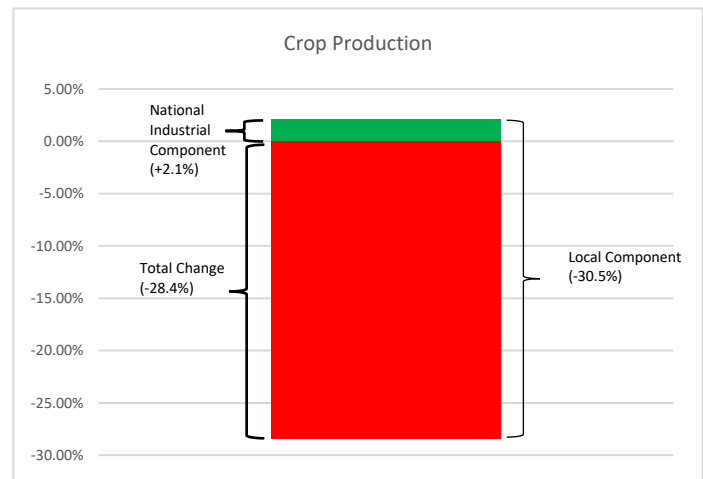
There were 663 jobs in Mining, Quarrying, and Oil and Gas Extraction, these jobs are less impactful with a LQ of .72, however they have wages of \$1,973 per week.

Utilities

Within Utilities there was meaningful growth for jobs (+14.1% overall, 15.0% more than at the national level), with wages lagging national growth just slightly for the industry by 0.2%. Despite the relatively small size of the private Utility sector, these jobs are among our highest wage jobs with weekly wages of \$2,590. Continued growth here would create a meaningful economic impact.

Construction

The time period under review (Q1 2018 to Q1 2022) saw a significant uptick in construction activity as building activity picked up with significant demand throughout 2021, and the interest rate hikes we are currently experiencing had yet to impact the market. Overall, construction jobs are up 13.4%, with local growth stronger than national industrial growth by 5.9%. Wages for the industry locally are up as well (+20.5%) with Polk County outperforming the national industry averages (+8.1%). Demand for residential construction was very high for the latter part of this period and only recently turned sideways. Material and labor shortages, combined with the increased interest rates will make new construction challenging over the next year.



Manufacturing

In Manufacturing, Polk County grew while jobs remained nearly flat nationally (+10.8% in the county, 0.5% nationally, for a local factor of +10.3%). There is, however, meaningful variation within the sector. The largest growth came from Nonmetallic Mineral Production Manufacturing and Food Manufacturing which added 346 and 589 jobs, respectively. Nonmetallic Mineral Production Manufacturing pays above average wages (\$1,343 weekly) with a LQ of 2.9 while Food Manufacturing pays an average wage (\$1,143 weekly) with a LQ of 2.7. Both subsectors provide Basic Jobs and have a wage above the county's average.

Wholesale Trade

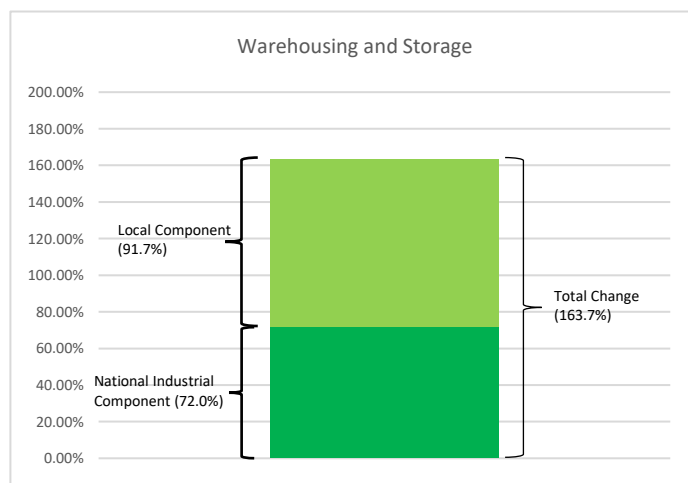
Wholesale Trade employment grew by 9.2%, with the local growth component of 8.3%. The additional jobs came from the Merchant Wholesalers, both Durable Goods and Nondurable Goods subsectors, which added 589 jobs and 238 jobs, respectively. Wholesale Trade jobs carried an average wage of \$1,411 per week.

Retail Trade

Within the Retail Trade sector, there was significant variation among 3-digit classifications. It should also be noted that the NAICS classification system made changes to some of the classifications for 2022, so while current jobs are considered accurate the changes at the 3-digit level are only approximations. Overall, Retail Trade grew by 4.3%, adding 1,307 jobs, while jobs shrank nationally in the industry, leading to a local component of +6.4%. Among Retail Trade, the only subsector with above average wages is the Motor Vehicle and Parts Dealers (\$1,229 weekly), they experienced modest wage growth locally (+4.6%).

Transportation and Warehousing

Job growth for Transportation and Warehousing outpaced the national industrial average by a wide margin (local component of +76.4%) and was responsible for over 14,000 new jobs since 2018. There was a loss of 382 jobs in Support Activities for Transportation subsector (local component of -40.3%), however, Warehousing and Storage jobs outperformed national industrial growth (local component of 91.7%) and added just over 12,000 jobs overall. The losses in Support Activities for Transportation are mitigated by a lower LQ of 0.6 while the growth from Warehousing and Storage continues to bolster the county's strong position in the industry with an LQ of 5.9.



Information

The Information sector grew at a faster pace locally than nationally (+6.4% local component), with much of the growth coming from the Telecommunications subsector which added 220 jobs. With a LQ of 1.1 and above average wage (\$1,141 weekly), Telecommunications is of growing importance to the county.

Finance and Insurance

The net job gain in Finance and Insurance was substantial (+25.4%, for nearly 2200 jobs) with a significant local component (+20.5%). The growth was driven mainly by Insurance Carriers and Related Activities, where 1,429 new jobs were added. The gains in insurance are more impactful with a LQ of 1.7 with above average wages (\$1,422 weekly). Wage growth in the sector lagged the national trend with local component of -5.9% and overall growth of 17.5% to an average of \$1,630 per week.

Real Estate and Rental and Leasing

Real Estate and Rental and Leasing held even with the national industrial employment growth (local component +0.2%), supported by growth at the Real Estate subsector level (local growth component +1.5%). This is of relatively low impact as the LQ is below 1 and the average weekly wages (\$785) are below the county average.

Professional and Technical Services

Professional and Technical Services is in line with the national industrial employment growth pace (local component +0.5%) but remains a low impact portion of the economy with a LQ of 0.5, however the wages (\$1,164 weekly) are above county averages.

Management of Companies and Enterprises

Management of Companies and Enterprises outpaced the national industrial employment growth (local component +5.8%) and remains a high impact (LQ 1.6) and high wage (\$1,905 weekly) industry for the county.

Administrative and Waste Services

Locally, Administrative and Waste Services outpaced national industrial employment averages (local component +17.9%). The impact of this sector is increasing as the LQ remains above 1.0, however, the wages (\$716) are below county averages.

Educational Services

Employment growth in Educational Services outpaced national industrial averages (local component +7.0%), while wages grew slightly (2.5%) as compared to wage changes around the nation.

Health Care and Social Assistance

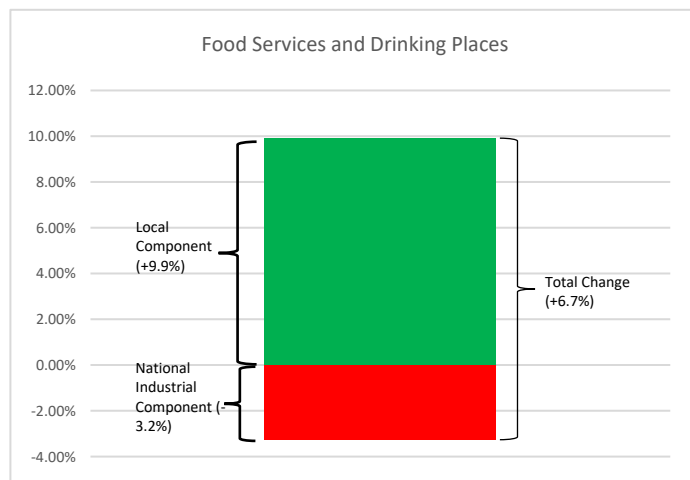
While employment growth in Nursing and Residential Care Facilities is outpaced national industrial averages (local component of +1.6%) it fell overall (-518 jobs). We also had relative growth in Ambulatory Health Care Services, and Hospitals (local components of +9.2%, and 6.6%, respectively). The gains from Ambulatory Health Care Services outweighs the losses elsewhere as these jobs carry a higher wage (\$1,290) and similar or better LQ to the other health services subsectors. Wage growth in the Ambulatory Health Care Services, however, are lagging national growth (-1.5% local component) as compared to national industrial averages.

Arts, Entertainment, and Recreation

Overall, the industry made some gains as compared to national industrial averages (local component of +3.8%), however the industry and each subsector experienced some losses overall (-2.0%, for 82 jobs lost). This was driven mainly by job losses in the Performing Arts, Spectator Sports, and Related Industries subsector (-257 jobs), while Amusements, Gambling and Recreation subsector was in recovery mode (+241 jobs, +8.0% overall). The impact of the job losses was worsened somewhat by relatively low weekly wages in the Amusements, Gambling and Recreation subsector (\$536 weekly), as compared to although Performing Arts, Spectator Sports, and Related Industries subsector (\$1,213 weekly).

Accommodation and Food Services

Accommodation and Food Services were in recovery mode as well, gaining 1,637 jobs overall and outperforming the national recovery (local component of +13.5%, overall gain of 8.3%). Overall wage growth in the subsector was positive and kept pace with national wage growth (local component of 1.7%). The county remains underserved by Accommodations (LQ of 0.7) but is making gains (Q1 2021 LQ was only 0.6).



Other Services, Except Public Administration

Employment in Other Services, Except Public Administration outpaced national industrial averages (local component of +14.3%), with meaningful gains coming from all subsectors except the Private Household subsector (87 job losses overall). The gains in the Repair and Maintenance subsector (+14.4) are also impactful with an LQ of 1.3 and wages at nearly the county average (\$939 weekly).

The tables including the full Shift Share analysis on employment and wages at the 2-digit and 3-digital levels are included on the pages that follow.

Shift Share Analysis of Employment (Q1 2022 - Q1 2018)

	Employment (2022)	Total Change		National Component		Industry Component		Local Component		Location Quotient
		Change	Percentage	Change	Percentage	Change	Percentage	Change	Percentage	
10 Total, all industries	222,163	32,249	16.98%	5,273	2.78%			26,977	14.20%	1.04
102 Service-providing	186,302	29,324	18.68%	4,358	2.78%	183	0.12%	24,783	15.79%	1.05
101 Goods-producing	35,861	2,925	8.88%	914	2.78%	-184	-0.56%	2,195	6.66%	0.97
NAICS 11 Agriculture, forestry, fishing and hunting	2,042	-488	-19.28%	70	2.78%	-55	-2.16%	-503	-19.89%	1.05
NAICS 111 Crop production	829	-329	-28.44%	32	2.78%	-8	-0.73%	-353	-30.49%	0.91
NAICS 112 Animal production and aquaculture	252	5	2.16%	7	2.78%	-8	-3.39%	7	2.78%	0.56
NAICS 113 Forestry and logging	16					Previously Unreported				0.18
NAICS 115 Support activities for agriculture and forestry	945	-166	-14.91%	31	2.78%	-24	-2.15%	-173	-15.54%	1.78
NAICS 21 Mining, quarrying, and oil and gas extraction	663	-114	-14.68%	22	2.78%	-165	-21.20%	29	3.74%	0.72
NAICS 212 Mining (except oil and gas)	628	-54	-7.88%	19	2.78%	-49	-7.15%	-24	-3.50%	2.08
NAICS 213 Support activities for mining	35					Previously Unreported				0.08
NAICS 22 Utilities	667	82	14.08%	16	2.78%	-22	-3.73%	88	15.04%	0.72
NAICS 221 Utilities	667	82	14.08%	16	2.78%	-22	-3.73%	88	15.04%	0.72
NAICS 23 Construction	14,075	1,668	13.44%	344	2.78%	590	4.75%	733	5.91%	1.12
NAICS 236 Construction of buildings	2,615	415	18.87%	61	2.78%	123	5.57%	231	10.52%	0.89
NAICS 237 Heavy and civil engineering construction	1,449	160	12.38%	36	2.78%	27	2.11%	97	7.49%	0.86
NAICS 238 Specialty trade contractors	10,011	1,093	12.26%	248	2.78%	448	5.03%	397	4.45%	1.25
NAICS 31-33 Manufacturing	19,081	1,859	10.80%	478	2.78%	-385	-2.23%	1,766	10.25%	0.89
NAICS 311 Food manufacturing	5,057	589	13.18%	124	2.78%	52	1.16%	413	9.25%	1.81
NAICS 312 Beverage and tobacco product manufacturing	363	99	37.33%	7	2.78%	38	14.50%	53	20.05%	0.70
NAICS 314 Textile product mills	114	53	87.36%	2	2.78%	-7	-10.98%	58	95.57%	0.63
NAICS 315 Apparel manufacturing	26					Previously Unreported				0.12
NAICS 321 Wood product manufacturing	2,073	187	9.91%	52	2.78%	59	3.11%	76	4.02%	2.89
NAICS 322 Paper manufacturing	651	-31	-4.55%	19	2.78%	-29	-4.29%	-21	-3.03%	1.06
NAICS 323 Printing and related support activities	592	20	3.43%	16	2.78%	-93	-16.16%	96	16.82%	0.93
NAICS 325 Chemical manufacturing	2,099	-93	-4.24%	61	2.78%	103	4.69%	-257	-11.71%	1.37
NAICS 326 Plastics and rubber products manufacturing	1,030	41	4.18%	27	2.78%	-1	-0.11%	15	1.51%	0.82
NAICS 327 Nonmetallic mineral product manufacturing	1,323	346	35.38%	27	2.78%	-27	-2.76%	346	35.36%	1.93
NAICS 331 Primary metal manufacturing	539					Previously Unreported				0.87
NAICS 332 Fabricated metal product manufacturing	1,746	344	24.51%	39	2.78%	-71	-5.10%	376	26.83%	0.73
NAICS 333 Machinery manufacturing	1,350	123	10.02%	34	2.78%	-44	-3.59%	133	10.83%	0.76
NAICS 334 Computer and electronic product manufacturing	155	-6	-3.73%	4	2.78%	-1	-0.65%	-9	-5.86%	0.09
NAICS 335 Electrical equipment, appliance, and component ma	73	-13	-15.44%	2	2.78%	-1	-0.93%	-15	-17.29%	0.11
NAICS 336 Transportation equipment manufacturing	617	110	21.63%	14	2.78%	-14	-2.74%	109	21.59%	0.22
NAICS 337 Furniture and related product manufacturing	213	53	33.47%	4	2.78%	-10	-6.19%	59	36.89%	0.32
NAICS 339 Miscellaneous manufacturing	802	-230	-22.32%	29	2.78%	3	0.27%	-262	-25.37%	0.75
NAICS 42 Wholesale trade	10,140	854	9.19%	258	2.78%	-171	-1.84%	767	8.26%	1.02
NAICS 423 Merchant wholesalers, durable goods	5,176	589	12.84%	127	2.78%	40	0.87%	422	9.20%	0.94
NAICS 424 Merchant wholesalers, nondurable goods	4,376	238	5.76%	115	2.78%	-151	-3.65%	275	6.63%	1.21
NAICS 425 Wholesale trade agents and brokers	588	26	4.69%	16	2.78%	-58	-10.29%	69	12.21%	0.69
NAICS 44-45 Retail trade	31,884	1,307	4.28%	849	2.78%	-1,505	-4.92%	1,963	6.42%	1.22
NAICS 441 Motor vehicle and parts dealers	5,863	744	14.53%	142	2.78%	-345	-6.74%	947	18.50%	1.75
NAICS 444 Building material and garden equipment and supplie	3,273	708	27.62%	71	2.78%	24	0.92%	614	23.93%	1.36
NAICS 445 Food and beverage retailers	6,543	1,254	23.71%	147	2.78%	-124	-2.34%	1,231	23.27%	1.23
NAICS 449 Furniture, home furnishings, electronics, and applia	1,682	819	94.90%	24	2.78%	-129	-14.89%	924	107.02%	1.08
NAICS 455 General merchandise retailers	7,630	588	8.35%	196	2.78%	-122	-1.73%	514	7.31%	1.40
NAICS 456 Health and personal care retailers	1,876	172	10.09%	47	2.78%	-90	-5.30%	215	12.62%	1.01
NAICS 457 Gasoline stations and fuel dealers	1,734	345	24.81%	39	2.78%	96	6.91%	210	15.12%	1.00
NAICS 458 Clothing, clothing accessories, shoe, and jewelry ret	1,473	-166	-10.11%	46	2.78%	-406	-24.76%	195	11.88%	0.80
NAICS 459 Sporting goods, hobby, musical instrument, book, a	1,808	268	17.37%	43	2.78%	-16	-1.04%	241	15.63%	0.71
NAICS 48-49 Transportation and warehousing	29,083	14,640	101.36%	401	2.78%	3,199	22.15%	11,040	76.43%	2.67
NAICS 481 Air transportation	70					Previously Unreported				0.08
NAICS 484 Truck transportation	6,520	1,624	33.16%	136	2.78%	97	1.97%	1,391	28.41%	2.52
NAICS 485 Transit and ground passenger transportation	76	5	6.54%	2	2.78%	-15	-20.69%	17	24.46%	0.11
NAICS 488 Support activities for transportation	808	-382	-32.09%	33	2.78%	65	5.42%	-480	-40.29%	0.62
NAICS 492 Couriers and messengers	2,270	1,398	160.38%	24	2.78%	533	61.18%	841	96.42%	1.10
NAICS 493 Warehousing and storage	19,332	12,001	163.71%	204	2.78%	5,076	69.24%	6,722	91.69%	5.91

	Employment (2022)	Total Change		National Component		Industry Component		Local Component		Location Quotient
		Change	Percentage	Change	Percentage	Change	Percentage	Change	Percentage	
NAICS 51 Information	2,058	216	11.75%	51	2.78%	48	2.61%	117	6.36%	0.41
NAICS 512 Motion picture and sound recording industries	173	-23	-11.75%	5	2.78%	-10	-5.18%	-18	-9.35%	0.24
NAICS 513 Publishing industries	526	66	14.43%	13	2.78%	105	22.77%	-51	-11.12%	0.33
NAICS 516 Broadcasting and content providers	44	-79	-63.96%	3	2.78%	34	27.82%	-116	-94.55%	0.07
NAICS 517 Telecommunications	1,206	220	22.32%	27	2.78%	-160	-16.25%	353	35.79%	1.08
NAICS 518 Computing infrastructure providers, data processing	99	45	82.82%	2	2.78%	18	32.54%	26	47.50%	0.14
NAICS 519 Web search portals, libraries, archives, and other in	10	-13	-57.14%	1	2.78%	-10	-43.37%	-4	-16.54%	0.03
NAICS 52 Finance and insurance	10,862	2,198	25.38%	241	2.78%	186	2.14%	1,772	20.46%	1.03
NAICS 522 Credit intermediation and related activities	3,284	811	32.82%	69	2.78%	-9	-0.37%	752	30.41%	0.72
NAICS 523 Securities, commodity contracts, and other financial	368				Previously Unreported					0.22
NAICS 524 Insurance carriers and related activities	7,179	1,429	24.84%	160	2.78%	203	3.53%	1,066	18.54%	1.72
NAICS 53 Real estate and rental and leasing	3,493	542	18.37%	82	2.78%	38	1.28%	422	14.31%	0.91
NAICS 531 Real estate	2,682	497	22.73%	61	2.78%	117	5.36%	319	14.60%	0.91
NAICS 54 Professional, scientific, and technical services	7,916	887	12.62%	195	2.78%	654	9.31%	38	0.54%	0.45
NAICS 541 Professional, scientific, and technical services	7,916	887	12.62%	195	2.78%	654	9.31%	38	0.54%	0.45
NAICS 55 Management of companies and enterprises	6,694	666	11.06%	167	2.78%	149	2.47%	350	5.81%	1.59
NAICS 551 Management of companies and enterprises	6,694	666	11.06%	167	2.78%	149	2.47%	350	5.81%	1.59
NAICS 56 Administrative and support and waste management and	17,165	3,084	21.91%	391	2.78%	173	1.23%	2,520	17.90%	1.09
NAICS 561 Administrative and support services	16,250	2,939	22.08%	370	2.78%	127	0.95%	2,443	18.35%	1.09
NAICS 562 Waste management and remediation services	915	145	18.84%	21	2.78%	52	6.82%	71	9.25%	1.17
NAICS 61 Educational services	4,675	401	9.39%	119	2.78%	-16	-0.38%	299	6.99%	0.90
NAICS 611 Educational services	4,675	401	9.39%	119	2.78%	-16	-0.38%	299	6.99%	0.90
NAICS 62 Health care and social assistance	30,327	2,093	7.41%	784	2.78%	-49	-0.17%	1,359	4.81%	0.89
NAICS 621 Ambulatory health care services	13,937	2,053	17.28%	330	2.78%	634	5.33%	1,090	9.17%	1.02
NAICS 622 Hospitals	8,750	513	6.22%	229	2.78%	-256	-3.11%	540	6.56%	1.03
NAICS 623 Nursing and residential care facilities	4,503	-518	-10.31%	139	2.78%	-737	-14.68%	80	1.59%	0.91
NAICS 624 Social assistance	3,137	45	1.44%	86	2.78%	177	5.72%	-218	-7.05%	0.45
NAICS 71 Arts, entertainment, and recreation	3,933	-82	-2.05%	111	2.78%	-344	-8.58%	151	3.75%	1.18
NAICS 711 Performing arts, spectator sports, and related indus	495	-257	-34.19%	21	2.78%	-61	-8.15%	-217	-28.82%	0.70
NAICS 712 Museums, historical sites, and similar institutions	171	-66	-27.81%	7	2.78%	-27	-11.39%	-46	-19.20%	0.76
NAICS 713 Amusement, gambling, and recreation industries	3,267	241	7.95%	84	2.78%	-255	-8.42%	412	13.60%	1.37
NAICS 72 Accommodation and food services	21,284	1,637	8.33%	545	2.78%	-1,554	-7.91%	2,646	13.47%	0.98
NAICS 721 Accommodation	1,976	428	27.65%	43	2.78%	-298	-19.24%	683	44.11%	0.72
NAICS 722 Food services and drinking places	19,308	1,209	6.68%	502	2.78%	-1,089	-6.02%	1,796	9.92%	1.02
NAICS 81 Other services (except public administration)	5,778	567	10.88%	145	2.78%	-321	-6.15%	743	14.26%	0.80
NAICS 811 Repair and maintenance	2,977	375	14.41%	72	2.78%	23	0.89%	280	10.75%	1.29
NAICS 812 Personal and laundry services	1,564	229	17.12%	37	2.78%	-77	-5.80%	269	20.15%	0.66
NAICS 813 Religious, grantmaking, civic, professional, and simi	1,001	50	5.29%	26	2.78%	-81	-8.52%	105	11.03%	0.45
NAICS 814 Private households	235	-87	-26.99%	9	2.78%	-93	-28.78%	-3	-0.99%	0.65
NAICS 99 Unclassified	343	230	202.94%	3	2.78%	187	164.93%	40	35.24%	0.63
NAICS 999 Unclassified	343	230	202.94%	3	2.78%	187	164.93%	40	35.24%	0.63

Shift Share Analysis of Wages (Q1 2022 - Q1 2018)

	Avg Weekly Wage (2022)	Total Change		National Component		Industry Component		Local Component		Location Quotient
		Change	Percentage	Change	Percentage	Change	Percentage	Change	Percentage	
10 Total, all industries	977	159	19.44%	165	20.21%	-6	-0.77%	-26	-3.28%	1.03
102 Service-providing	941	152	19.26%	159	20.21%	18	2.34%	-26	-3.28%	1.01
101 Goods-producing	1,168	211	22.05%	193	20.21%	-89	-9.34%	107	11.18%	1.11
NAICS 11 Agriculture, forestry, fishing and hunting	689	26	3.92%	134	20.21%	-16	-2.44%	-92	-13.85%	1.32
NAICS 111 Crop production	682	60	9.65%	126	20.21%	-6	-0.89%	-60	-9.67%	1.33
NAICS 112 Animal production and aquaculture	640	-169	-20.89%	163	20.21%	-43	-5.34%	-289	-35.75%	0.61
NAICS 113 Forestry and logging	611				Previously Unreported					0.16
NAICS 115 Support activities for agriculture and forestry	711	38	5.65%	136	20.21%	-7	-1.10%	-91	-13.46%	2.22
NAICS 21 Mining, quarrying, and oil and gas extraction	1,937	69	3.69%	377	20.21%	-174	-9.31%	-135	-7.20%	0.78
NAICS 212 Mining (except oil and gas)	1,982	-24	-1.20%	405	20.21%	-130	-6.50%	-299	-14.90%	3.20
NAICS 213 Support activities for mining	1,129				Previously Unreported					0.07
NAICS 22 Utilities	2,590	189	7.87%	485	20.21%	-291	-12.12%	-5	-0.21%	0.95
NAICS 221 Utilities	2,590	189	7.87%	485	20.21%	-291	-12.12%	-5	-0.21%	0.95
NAICS 23 Construction	994	169	20.48%	167	20.21%	-65	-7.84%	67	8.11%	1.22
NAICS 236 Construction of buildings	1,243	307	32.80%	189	20.21%	-64	-6.82%	182	19.42%	1.08
NAICS 237 Heavy and civil engineering construction	1,164	237	25.57%	187	20.21%	-79	-8.53%	129	13.89%	0.92
NAICS 238 Specialty trade contractors	905	122	15.58%	158	20.21%	-62	-7.92%	26	3.29%	1.36
NAICS 31-33 Manufacturing	1,321	267	25.33%	213	20.21%	-97	-9.17%	151	14.30%	1.07
NAICS 311 Food manufacturing	1,143	173	17.84%	196	20.21%	-59	-6.09%	36	3.71%	2.67
NAICS 312 Beverage and tobacco product manufacturing	888	85	10.59%	162	20.21%	-115	-14.28%	37	4.66%	0.77
NAICS 314 Textile product mills	929	334	56.13%	120	20.21%	-9	-1.58%	223	37.51%	0.90
NAICS 315 Apparel manufacturing	386				Previously Unreported					0.10
NAICS 321 Wood product manufacturing	1,047	352	50.65%	140	20.21%	37	5.36%	174	25.08%	3.85
NAICS 322 Paper manufacturing	1,728	474	37.80%	253	20.21%	-140	-11.18%	361	28.77%	1.74
NAICS 323 Printing and related support activities	787	65	9.00%	146	20.21%	-80	-11.05%	-1	-0.15%	0.98
NAICS 325 Chemical manufacturing	1,928	201	11.64%	349	20.21%	-133	-7.72%	-15	-0.85%	1.48
NAICS 326 Plastics and rubber products manufacturing	1,401	370	35.89%	208	20.21%	-86	-8.33%	248	24.01%	1.36
NAICS 327 Nonmetallic mineral product manufacturing	1,343	173	14.79%	236	20.21%	-94	-8.07%	31	2.65%	2.87
NAICS 331 Primary metal manufacturing	3,584				Previously Unreported					2.76
NAICS 332 Fabricated metal product manufacturing	1,093	165	17.78%	188	20.21%	-92	-9.87%	69	7.45%	0.92
NAICS 333 Machinery manufacturing	1,314	254	23.96%	214	20.21%	-137	-12.96%	177	16.71%	0.84
NAICS 334 Computer and electronic product manufacturing	1,292	176	15.77%	226	20.21%	-86	-7.68%	36	3.25%	0.06
NAICS 335 Electrical equipment, appliance, and component ma	882	-548	-38.32%	289	20.21%	-107	-7.49%	-730	-51.03%	0.09
NAICS 336 Transportation equipment manufacturing	774	-58	-6.97%	168	20.21%	-135	-16.28%	-91	-10.90%	0.14
NAICS 337 Furniture and related product manufacturing	814	155	23.52%	133	20.21%	-69	-10.46%	91	13.77%	0.39
NAICS 339 Miscellaneous manufacturing	1,086	191	21.34%	181	20.21%	-77	-8.63%	87	9.77%	0.77
NAICS 42 Wholesale trade	1,411	220	18.47%	241	20.21%	-3	-0.27%	-17	-1.46%	1.08
NAICS 423 Merchant wholesalers, durable goods	1,518	242	18.97%	258	20.21%	-8	-0.60%	-8	-0.64%	1.08
NAICS 424 Merchant wholesalers, nondurable goods	1,303	184	16.44%	226	20.21%	-16	-1.40%	-26	-2.37%	1.28
NAICS 425 Wholesale trade agents and brokers	1,268	247	24.19%	206	20.21%	69	6.74%	-28	-2.76%	0.51
NAICS 44-45 Retail trade	702	161	29.76%	109	20.21%	18	3.29%	34	6.26%	1.60
NAICS 441 Motor vehicle and parts dealers	1,229	366	42.41%	174	20.21%	152	17.59%	40	4.62%	2.35
NAICS 444 Building material and garden equipment and supplie	761	175	29.86%	118	20.21%	-6	-1.10%	63	10.75%	1.85
NAICS 445 Food and beverage retailers	471	74	18.64%	80	20.21%	7	1.85%	-14	-3.42%	1.41
NAICS 449 Furniture, home furnishings, electronics, and applia	842	124	17.27%	145	20.21%	58	8.09%	-79	-11.02%	1.21
NAICS 455 General merchandise retailers	595	101	20.45%	100	20.21%	57	11.46%	-55	-11.22%	1.89
NAICS 456 Health and personal care retailers	693	17	2.51%	137	20.21%	-50	-7.38%	-70	-10.31%	1.13
NAICS 457 Gasoline stations and fuel dealers	521	112	27.38%	83	20.21%	82	19.94%	-52	-12.76%	1.28
NAICS 458 Clothing, clothing accessories, shoe, and jewelry ret	401	84	26.50%	64	20.21%	55	17.41%	-35	-11.12%	0.74
NAICS 459 Sporting goods, hobby, musical instrument, book, a	473	101	27.15%	75	20.21%	78	20.98%	-52	-14.04%	0.72
NAICS 48-49 Transportation and warehousing	860	-32	-3.59%	180	20.21%	-128	-14.35%	-84	-9.45%	2.93
NAICS 481 Air transportation	1,071				Previously Unreported					0.07
NAICS 484 Truck transportation	1,043	98	10.37%	191	20.21%	-41	-4.32%	-52	-5.52%	3.25
NAICS 485 Transit and ground passenger transportation	957	581	154.52%	76	20.21%	45	11.89%	460	122.42%	0.17
NAICS 488 Support activities for transportation	1,094	144	15.16%	192	20.21%	21	2.23%	-69	-7.28%	0.72
NAICS 492 Couriers and messengers	679	-97	-12.50%	157	20.21%	-133	-17.12%	-121	-15.58%	1.21
NAICS 493 Warehousing and storage	808	-55	-6.37%	174	20.21%	-127	-14.76%	-102	-11.82%	7.79

	Avg Weekly Wage (2022)	Total Change		National Component		Industry Component		Local Component		Location Quotient
		Change	Percentage	Change	Percentage	Change	Percentage	Change	Percentage	
NAICS 51 Information	1,146	133	13.13%	205	20.21%	99	9.77%	-171	-16.85%	0.21
NAICS 512 Motion picture and sound recording industries	535	183	51.99%	71	20.21%	45	12.75%	67	19.03%	0.10
NAICS 513 Publishing industries	1,326	370	38.70%	193	20.21%	68	7.13%	109	11.37%	0.20
NAICS 516 Broadcasting and content providers	1,093	277	33.95%	165	20.21%	389	47.62%	-276	-33.88%	0.03
NAICS 517 Telecommunications	1,141	-43	-3.63%	239	20.21%	22	1.88%	-304	-25.71%	0.72
NAICS 518 Computing infrastructure providers, data processing	1,349	-8	-0.59%	274	20.21%	58	4.31%	-341	-25.11%	0.08
NAICS 519 Web search portals, libraries, archives, and other in	1,154	447	63.22%	143	20.21%	203	28.68%	101	14.34%	0.01
NAICS 52 Finance and insurance	1,630	243	17.52%	280	20.21%	45	3.24%	-82	-5.93%	0.68
NAICS 522 Credit intermediation and related activities	1,997	549	37.91%	293	20.21%	85	5.84%	172	11.87%	0.77
NAICS 523 Securities, commodity contracts, and other financial	2,444			Previously Unreported						0.09
NAICS 524 Insurance carriers and related activities	1,422	137	10.66%	260	20.21%	-68	-5.26%	-55	-4.29%	1.42
NAICS 53 Real estate and rental and leasing	880	167	23.42%	144	20.21%	22	3.06%	1	0.16%	0.76
NAICS 531 Real estate	785	155	24.60%	127	20.21%	18	2.90%	9	1.50%	0.66
NAICS 54 Professional, scientific, and technical services	1,164	197	20.37%	195	20.21%	-6	-0.61%	8	0.78%	0.33
NAICS 541 Professional, scientific, and technical services	1,164	197	20.37%	195	20.21%	-6	-0.61%	8	0.78%	0.33
NAICS 55 Management of companies and enterprises	1,905	414	27.77%	301	20.21%	-78	-5.25%	191	12.81%	1.27
NAICS 551 Management of companies and enterprises	1,905	414	27.77%	301	20.21%	-78	-5.25%	191	12.81%	1.27
NAICS 56 Administrative and support and waste management and	716	99	16.05%	125	20.21%	63	10.23%	-89	-14.39%	1.07
NAICS 561 Administrative and support services	688	99	16.81%	119	20.21%	69	11.75%	-89	-15.15%	1.03
NAICS 562 Waste management and remediation services	1,221	120	10.90%	222	20.21%	-125	-11.32%	22	2.02%	1.56
NAICS 61 Educational services	787	109	16.08%	137	20.21%	-45	-6.66%	17	2.53%	0.95
NAICS 611 Educational services	787	109	16.08%	137	20.21%	-45	-6.66%	17	2.53%	0.95
NAICS 62 Health care and social assistance	1,133	222	24.37%	184	20.21%	-31	-3.38%	69	7.54%	1.30
NAICS 621 Ambulatory health care services	1,290	135	11.69%	233	20.21%	-81	-7.04%	-17	-1.48%	1.44
NAICS 622 Hospitals	1,324	396	42.67%	188	20.21%	-35	-3.73%	243	26.20%	1.35
NAICS 623 Nursing and residential care facilities	730	125	20.66%	122	20.21%	39	6.39%	-36	-5.94%	1.21
NAICS 624 Social assistance	480	61	14.56%	85	20.21%	1	0.23%	-25	-5.88%	0.55
NAICS 71 Arts, entertainment, and recreation	632	42	7.12%	119	20.21%	15	2.46%	-92	-15.55%	1.20
NAICS 711 Performing arts, spectator sports, and related indus	1,213	-36	-2.88%	252	20.21%	51	4.04%	-339	-27.13%	0.61
NAICS 712 Museums, historical sites, and similar institutions	796	264	49.62%	107	20.21%	-16	-3.09%	173	32.51%	0.97
NAICS 713 Amusement, gambling, and recreation industries	536	105	24.36%	87	20.21%	7	1.54%	11	2.61%	1.87
NAICS 72 Accommodation and food services	415	76	22.42%	68	20.21%	2	0.48%	6	1.73%	1.18
NAICS 721 Accommodation	550	103	23.04%	90	20.21%	-19	-4.28%	32	7.11%	0.76
NAICS 722 Food services and drinking places	401	71	21.52%	67	20.21%	11	3.43%	-7	-2.13%	1.27
NAICS 81 Other services (except public administration)	798	70	9.62%	147	20.21%	5	0.70%	-82	-11.29%	1.02
NAICS 811 Repair and maintenance	939	58	6.58%	178	20.21%	-43	-4.87%	-77	-8.76%	1.74
NAICS 812 Personal and laundry services	586	56	10.57%	107	20.21%	6	1.05%	-57	-10.69%	0.84
NAICS 813 Religious, grantmaking, civic, professional, and simi	744	64	9.41%	137	20.21%	18	2.65%	-91	-13.45%	0.45
NAICS 814 Private households	656	204	45.13%	91	20.21%	57	12.66%	55	12.27%	0.91
NAICS 99 Unclassified	1,328	856	181.36%	95	20.21%	74	15.73%	686	145.42%	0.82
NAICS 999 Unclassified	1,328	856	181.36%	95	20.21%	74	15.73%	686	145.42%	0.82