

# Cornell Law School

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## THE U.S. PRIVATE SECTOR JOB QUALITY INDEX (JQI)<sup>®</sup> NOVEMBER 2019

Following the release of the [Employment Situation Report](#) for November 2019 by the U.S. Bureau of Labor Statistics (BLS), the U.S. Private Sector Job Quality Index (JQI)<sup>®</sup> has been revised to a level of **80.39**, representing a minor decline of **0.04%** from its level one month ago and reflecting a somewhat lower proportion of U.S. production and non-supervisory (P&NS) jobs paying less than the mean weekly income of all P&NS jobs, relative to those jobs paying more than such mean. The mean weekly income of all P&NS jobs as of the current reading (reflecting the level as of October 2019) was **\$794**, a change of **0.9%** from its level the month prior. The **JQ-Instant<sup>™</sup>** preliminary read of the 254,000 increase in **all** private sector, non-farm payrolls in November 2019 shows that approximately **47.76%** of the change in private sector jobs in November was in industry sectors offering P&NS jobs with an average weekly income below the above mean weekly income of all P&NS jobs (i.e. “Low Quality Jobs”). The **JQ-Instant** readings months of October and November were impacted by the departure and return of manufacturing workers associated with the strike at General Motors Corporation. The average of the **JQ-Instant** readings for the two months indicated **65.53%** Low Quality Job formation for that period.

Chart 1: JQI levels November 2017 to November 2019

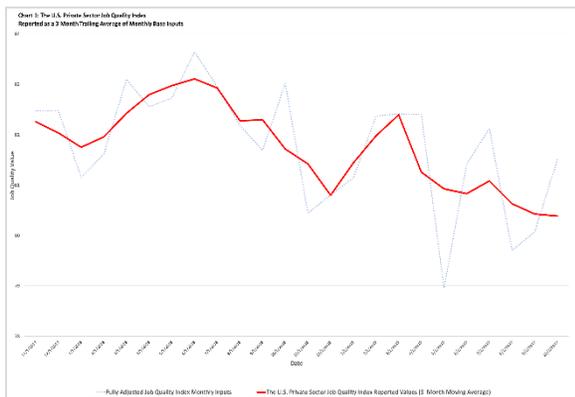
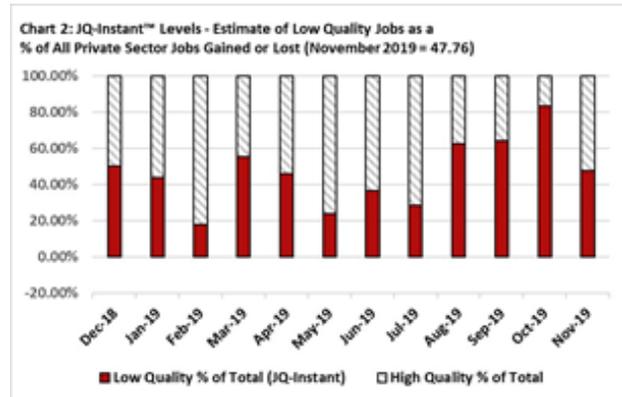


Chart 2: JQ-Instant<sup>™</sup> for 12 Months ending November 2019



This news release presents data from the most recent **JQI** and **JQI-Instant** readings calculated through the month immediately prior to the month of this release date. The **JQI** assesses job quality in the United States by measuring desirable higher-wage/higher-hour jobs versus lower-wage/lower-hour jobs. The **JQI** offers a near-real time analytical tool to policymakers, researchers and financial market participants with relevance to a variety of trends in the economy at large. While economists and international organizations have developed other, complementary conceptions of job quality such as those addressing the emotional satisfaction employees derive from their jobs, the **JQI** interprets “job quality” as meaning the weekly dollar-income a job generates for an employee.

The **JQI** analyzes a representative sample of the economy using production and non-supervisory job (P&NS) data from 180 different industry groups spanning across all 20 super-sectors into which the BLS groups establishments. The principal data utilized is contained in the Current Employment Survey (CES, also often referred to as the establishment survey) P&NS data on average weekly hours (AWH), average hourly wage (AHW) and total employment for each given industry group (seasonally adjusted, in all cases). The **JQI** is updated on a monthly basis contemporaneously with the release of new CES data from the BLS.

The **JQI** establishes a Quality Job Benchmark for each given month. The benchmark value is indicated by the average weighted weekly wage within the set of 180 industry groups, and weighted for the number of jobs in each group. Once the benchmark is established for that given month, each industry group is sorted into low or high quality by comparing each group’s specific weekly wage to the quality benchmark. If an industry’s weekly wage for the month is below (above) the benchmark, then it is considered low (high)-quality job.

Once the data are sorted, the total number of high-quality jobs is divided by the total number of low-quality jobs for that given month. This ratio represents the preliminary **JQI** value. An index reading of 100 would indicate an even distribution. Readings below 100 indicate a greater concentration in/prevalence of lower-quality (those below the mean) positions, and a reading above 100 indicates greater concentration/prevalence of higher-quality positions. It should be noted that the total number of “jobs” is represented by the total number of positions, as opposed to workers, for that given industry group.

The Preliminary **JQI** measure is then further adjusted in the case of certain industries that (i) support a significantly large number of jobs, relative to other industry groups that are used in computing the **JQI**, and (ii) generate weekly wages at or near the quality benchmark and contain a sufficient number of jobs such that minor movements in weekly wages would have the effect of moving them from one side of the quality benchmark to the other from month to month, thereby resulting in unintended statistical fluctuations that can be remedied by further sectoral subdivision.

To address such larger groups of employees, the **JQI** parameterizes a flip category as an industry

that contains more than a million employees and has an average weekly wage that typically falls within +/- 10% of the Job Quality Benchmark for a time span of ten or more years. Flip category industries are separated into subcategories below which further sub-category analysis would render little-to-no material difference in internal composition of high income to lower income jobs, with the outcome of the flip category adjustments being the elimination of large and distortive groups suddenly moving from one side of the Job Quality Benchmark mean to the other during the life of the index (although the sub-categories may exhibit such moves). Industries that satisfy this parameter for the inception date of the **JQI** to date are listed below:

<u>Flip Category</u>	<u>P&amp;NS Employees (December 2018)</u>
Education	3,197,100
Offices of Physicians	2,202,000
Depository Credit Intermediation	1,277,600
Food Manufacturing	1,276,300

In the aggregate, these four categories comprised just over 7.5% of all private sector P&NS jobs in the U.S., as of December 2018.

The above sectors are subdivided using data provided by the annual Occupational Employment Statistics (OES) survey, which is released by the BLS annually in late March or early April. The OES provides a more detailed breakdown of the wages for each occupation in each industry group. To maintain consistency, OES occupations in the foregoing flip categories that involve supervisory roles are not included. Information from the OES is applied to assess how many jobs within each flip industry are high- or low-quality occupations from the standpoint of weekly income and thereby split the larger industry category into subcategories. For this analysis, the OES data is filtered to only include major occupations within each industry; usually, this includes up to 24 different occupations.

Weekly wages derived from the OES are then compared to the weekly wage benchmarks used in the preliminary **JQI** index. The occupations are then assigned a quality of high or low depending on whether they are above or below the benchmark.

Following the foregoing adjustments, the total number of high-quality jobs are divided by the total number of jobs for each category. This results in the percentage of high-quality jobs (and, correspondingly, low-quality jobs) for each of the flip categories. The relative percentage of high-quality/low-quality jobs is now used to normalize and adjust each flip category, by multiplying the percentage of high-quality/low-quality jobs by the CES employment count so that each flip category industry is split into two groups, which are then independently used in the overall **JQI** calculation.

Because the OES data is release d annually, the intra-year percentage divisions of the flip category industry groups are adjusted annually, as well. Such adjustments are calculated to commence

with **JQI** data released beginning in May of each year, through to the following April.

Finally, it should be noted that certain industry subgroup data lags data for larger categories by one month because of BLS data release schedules. Furthermore, while the raw **JQI** is otherwise statistically consistent from month to month, even the adjustments heretofore mentioned do not remove all distracting statistical noise in movements of the index from month to month. The **JQI** is more useful to other analysis and forecasting when observed on the basis of a three-month moving average, and the headline **JQI** index is reported as such.

For a full description of the calculation of the **JQI**, please see: [the November 2019 white paper introducing the U.S. Private Sector Job Quality Index.](#)

The **JQ-Instant** is a snapshot index that results from the subdivision of the change in the CES calculation of **all** private sector jobs (not just P&NS jobs) for the subject month into high-quality and low-quality jobs, utilizing the **JQI** sectoral divisions for P&NS jobs. Thus, if a marginal job is created or lost in a sector that the **JQI** classifies as high-quality, all private sector jobs created or lost in the subject month are considered high-quality for the purposes of the **JQ-Instant** calculation – the reverse being the case for low-quality jobs. **JQ-Instant** readings are revised in subsequent months commensurate with revisions to the CES data by the BLS.

The **JQ-Instant** calculation utilizes 123 sectoral categories, in contrast to the 180 used in the **JQI** itself, because of a one month delay in the BLS reporting of more granular data. Because **JQ-Instant** inherently assumes that all industry categories and subcategories that are on one side or another of the Quality Job Benchmark for purposes of the **JQI** (which analyzes only P&NS jobs) are also on the same side when considering all jobs (i.e. P&NS as well as managerial/supervisory jobs), there may occasionally be certain industry categories that may flip from one quality designation to the other when all jobs are considered, making the **JQ-Instant** reading somewhat inaccurate. In general, however, industries offering high or low quality P&NS jobs (82.5% of all jobs) are generally in the same category when all jobs are considered, making the **JQ-Instant** reading a useful tool for a snapshot analysis of the job quality of the subject month's level of total private sector jobs gained or lost.

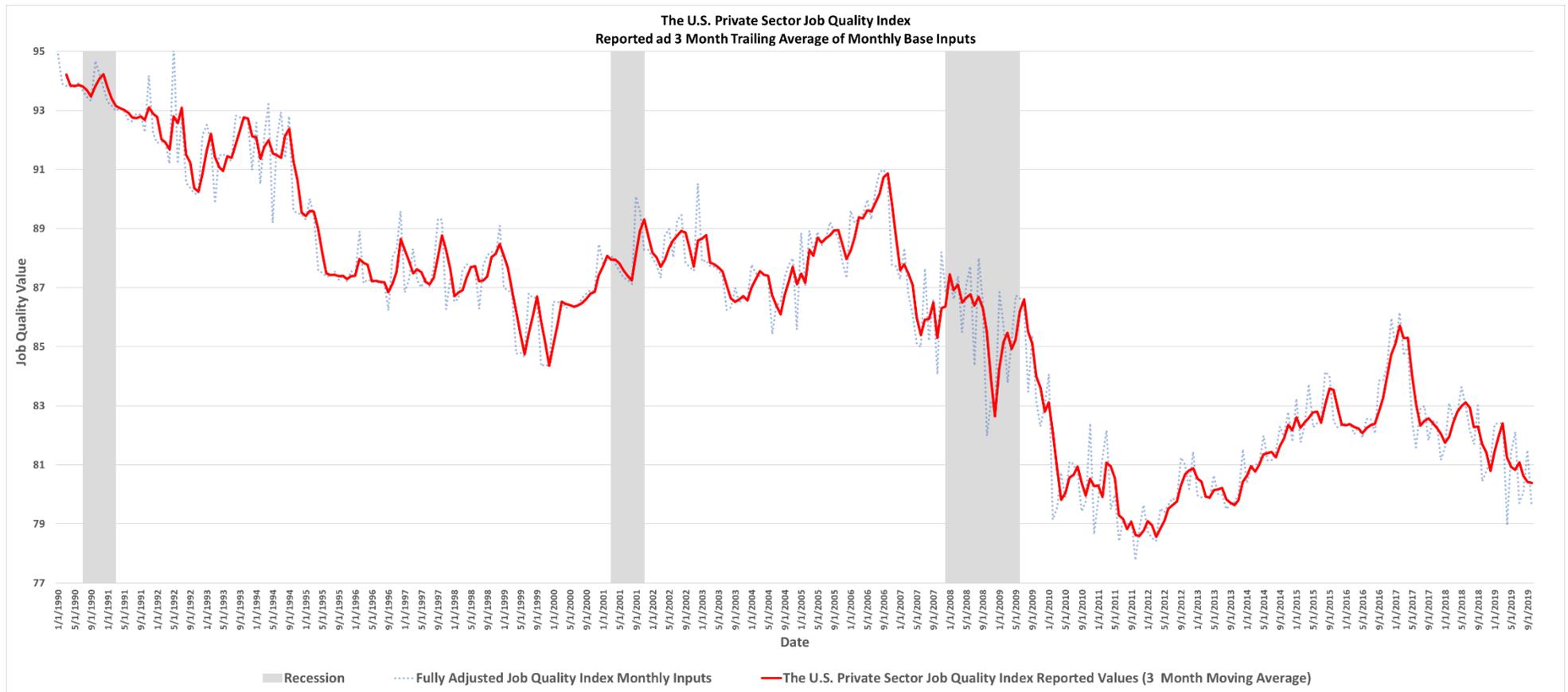
Finally, the **JQ-Instant** reading has implications for the likely direction of the **JQI** itself in future months. As the **JQI** is reported as a three-month rolling average of actual monthly readings, significant imbalances (readings varying from an even distribution between high and low quality jobs) in the **JQ-Instant** results would suggest future **JQI** readings moving in the direction of the dominant side of such distribution.

**JQ-Instant** is reported on a scale of +100 to -100, reflecting the relative proportion of low quality jobs. Positive readings indicate overall net month over month gains in all U.S. private sector jobs. Negative readings indicate overall net month over month losses in all U.S. private sector jobs. A reading of +100 would indicate that all jobs gained in the subject month are low quality jobs. A

reading of -100 would indicate that all jobs lost in the subject month are low quality jobs. A **JQ-Instant** reading of +50 would indicate that 50% of the overall jobs gained in the subject month are low quality jobs, and a reading of -50 would indicate that 50% of the overall jobs lost in the subject month are low quality jobs, and so forth.

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**Chart 3: The U.S. Job Quality Index from Inception to October 2019**  
 (Reported as 3-month moving average, monthly readings in blue, recessions shown in grey)



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Industry Category	Total Number of Jobs (000)	Mean Weekly Income				Change from September 2019 - October 2019	% Change from September 2019 - October 2019	Change from October 2018 - October 2019	% Change from October 2018 - October 2019
		October 2018	August 2019	September 2019	October 2019				
Total Private Production and Non-supervisory Jobs	106,176.0	\$769.03	\$787.59	\$787.59	\$794.98	7.4	0.9%	25.9	3.4%
<b>Total High Quality Production and Non-supervisory Jobs</b>	<b>45,931.1</b>	<b>\$1,100.86</b>	<b>\$1,130.45</b>	<b>\$1,133.57</b>	<b>\$1,137.33</b>	<b>3.8</b>	<b>0.3%</b>	<b>36.5</b>	<b>3.3%</b>
<b>Goods Producing</b>	11,518.2	\$5,868.83	\$6,031.59	\$6,044.75	\$6,066.37	21.6	0.4%	197.5	3.4%
Logging	43.9	\$870.35	\$980.51	\$976.72	\$1,026.96	50.2	4.9%	156.6	18.0%
Oil and gas extraction	94.3	\$1,576.37	\$1,674.74	\$1,691.50	\$1,678.21	-13.3	-0.8%	101.8	6.5%
Mining, except oil and gas	143.9	\$1,245.16	\$1,331.46	\$1,330.06	\$1,340.13	10.1	0.8%	95.0	7.6%
Support activities for mining	263.4	\$1,377.10	\$1,464.16	\$1,500.50	\$1,564.37	63.9	4.1%	187.3	13.6%
Residential building	541.0	\$922.36	\$950.18	\$950.54	\$939.88	-10.7	-1.1%	17.5	1.9%
Nonresidential building	530.7	\$1,232.16	\$1,260.63	\$1,259.01	\$1,246.60	-12.4	-1.0%	14.4	1.2%
Utility system construction	450.9	\$1,366.54	\$1,374.53	\$1,385.38	\$1,370.43	-14.9	-1.1%	3.9	0.3%
Highway, street, and bridge construction	300.3	\$1,226.98	\$1,308.12	\$1,310.79	\$1,293.12	-17.7	-1.4%	66.1	5.4%
Building foundation and exterior contractors	741.6	\$938.40	\$1,008.52	\$1,016.12	\$1,005.05	-11.1	-1.1%	66.6	7.1%
Building equipment contractors	1,716.3	\$1,167.87	\$1,187.60	\$1,189.98	\$1,192.99	3.0	0.3%	25.1	2.2%
Building finishing contractors	652.2	\$993.38	\$991.60	\$996.78	\$999.56	2.8	0.3%	6.2	0.6%
Other specialty trade contractors	564.2	\$1,023.22	\$1,106.56	\$1,100.74	\$1,090.79	-9.9	-0.9%	67.6	6.6%
Sawmills and wood preservation	74.7	\$827.17	\$826.77	\$832.85	\$804.21	-28.6	-3.6%	-23.0	-2.8%
Plywood and engineered wood products	64.5	\$784.05	\$891.67	\$892.94	\$915.95	23.0	2.5%	131.9	16.8%
Nonmetallic mineral products	311.9	\$949.12	\$980.29	\$979.41	\$974.90	-4.5	-0.5%	25.8	2.7%
Primary metals	291.1	\$1,058.36	\$1,022.14	\$1,015.15	\$1,018.60	3.4	0.3%	-39.8	-3.8%
Fabricated metal products	1,099.3	\$868.14	\$897.03	\$897.45	\$897.73	0.3	0.0%	29.6	3.4%
Agricultural, construction, and mining machinery	154.6	\$965.25	\$933.38	\$954.44	\$950.77	-3.7	-0.4%	-14.5	-1.5%
Industrial machinery	63.4	\$1,011.87	\$1,097.68	\$1,103.07	\$1,087.91	-15.2	-1.4%	76.0	7.5%
Commercial and service industry machinery	59.3	\$1,120.24	\$1,156.48	\$1,154.40	\$1,130.16	-24.2	-2.1%	9.9	0.9%
HVAC and commercial refrigeration equipment	90.1	\$881.50	\$857.54	\$860.09	\$850.33	-9.8	-1.1%	-31.2	-3.5%
Metalworking machinery	121.8	\$996.59	\$1,033.48	\$1,038.59	\$1,058.02	19.4	1.8%	61.4	6.2%
Turbine and power transmission equipment	52.1	\$1,105.44	\$1,161.59	\$1,178.28	\$1,163.25	-15.0	-1.3%	57.8	5.2%
Other general purpose machinery	164.5	\$986.92	\$991.95	\$997.48	\$1,008.15	10.7	1.1%	21.2	2.2%
Computer and electronic products	652.8	\$1,026.05	\$1,015.25	\$1,018.48	\$1,028.30	9.8	1.0%	2.2	0.2%
Electrical equipment and appliances	261.5	\$867.68	\$834.30	\$834.30	\$820.93	-13.4	-1.6%	-46.7	-5.4%
Transportation equipment	1,167.9	\$1,174.38	\$1,173.54	\$1,182.22	\$1,169.45	-12.8	-1.1%	-4.9	-0.4%
Medical equipment and supplies	207.0	\$806.31	\$831.67	\$838.09	\$828.98	-9.1	-1.1%	22.7	2.8%
Petroleum and coal products	77.5	\$1,946.49	\$2,103.75	\$2,068.61	\$1,973.48	-95.1	-4.8%	27.0	1.4%
Chemicals	561.5	\$1,060.07	\$1,072.68	\$1,065.54	\$1,085.34	19.8	1.8%	25.3	2.4%
<b>Services</b>	34,412.9	\$1,110.61	\$1,141.57	\$1,144.66	\$1,150.35	5.7	0.5%	39.7	3.6%
Motor vehicles and parts	283.7	\$818.09	\$843.35	\$836.19	\$847.50	11.3	1.3%	29.4	3.6%
Furniture and furnishings	90.0	\$901.39	\$961.26	\$942.98	\$941.80	-1.2	-0.1%	40.4	4.5%
Lumber and construction supplies	206.7	\$934.54	\$984.05	\$976.84	\$970.82	-6.0	-0.6%	36.3	3.9%
Commercial equipment	565.7	\$1,182.72	\$1,217.17	\$1,220.24	\$1,213.34	-6.9	-0.6%	30.6	2.6%
Metals and minerals	110.0	\$970.60	\$987.15	\$971.08	\$983.55	12.5	1.3%	13.0	1.3%
Electric goods	279.4	\$1,080.25	\$1,133.12	\$1,132.73	\$1,157.18	24.5	2.1%	76.9	7.1%
Hardware and plumbing	232.2	\$1,005.40	\$1,014.73	\$1,004.81	\$1,017.29	12.5	1.2%	11.9	1.2%
Machinery and supplies	575.1	\$1,068.55	\$1,125.50	\$1,125.90	\$1,145.95	20.1	1.7%	77.4	7.2%
Miscellaneous durable goods	242.0	\$817.97	\$805.58	\$799.02	\$804.48	5.5	0.7%	-13.5	-1.6%
Paper and paper products	101.1	\$931.75	\$974.59	\$949.40	\$963.31	13.9	1.4%	31.6	3.4%
Druggists' goods	191.2	\$1,062.52	\$1,118.25	\$1,114.40	\$1,102.77	-11.6	-1.1%	40.3	3.8%
Apparel and piece goods	115.9	\$767.36	\$861.62	\$871.21	\$861.63	-9.6	-1.1%	94.3	12.3%
Grocery and related products	669.1	\$819.00	\$859.72	\$861.70	\$872.40	10.7	1.2%	53.4	6.5%
Farm product raw materials	56.8	\$766.35	\$832.60	\$829.78	\$846.45	16.7	2.0%	80.1	10.5%
Chemicals	118.2	\$1,152.56	\$1,263.81	\$1,265.86	\$1,232.53	-33.3	-2.7%	80.0	6.9%
Petroleum	82.3	\$901.05	\$896.24	\$896.24	\$898.59	2.4	0.3%	-2.5	-0.3%
Alcoholic beverages	161.5	\$891.66	\$913.50	\$910.88	\$901.54	-9.3	-1.0%	9.9	1.1%
Misc. nondurable goods	257.3	\$758.47	\$795.98	\$797.47	\$797.12	-0.3	0.0%	38.7	5.1%
Electronic markets and agents and brokers	432.9	\$1,210.50	\$1,212.80	\$1,220.22	\$1,214.01	-6.2	-0.5%	3.5	0.3%

Automobile dealers	1,106.1	\$831.04	\$865.24	\$862.22	\$852.75	-9.5	-1.1%	21.7	2.6%
Electronics and appliance stores	376.6	\$789.17	\$816.21	\$814.48	\$832.02	17.5	2.1%	42.9	5.4%
Air transportation	448.4	\$1,001.72	\$1,036.70	\$1,036.08	\$1,029.10	-7.0	-0.7%	27.4	2.7%
General freight trucking	914.8	\$943.74	\$960.51	\$960.10	\$970.11	10.0	1.0%	26.4	2.8%
Specialized freight trucking	409.2	\$934.83	\$995.59	\$988.53	\$984.00	-4.5	-0.5%	49.2	5.3%
Pipeline transportation	40.2	\$1,902.95	\$1,903.90	\$1,899.28	\$1,928.24	29.0	1.5%	25.3	1.3%
Support activities for water transportation	85.0	\$1,164.14	\$1,192.38	\$1,191.02	\$1,177.81	-13.2	-1.1%	13.7	1.2%
Freight transportation arrangement	180.4	\$872.43	\$873.60	\$873.97	\$879.70	5.7	0.7%	7.3	0.8%
Support activities for other transportation, including rail	55.9	\$841.92	\$895.46	\$891.81	\$898.16	6.4	0.7%	56.2	6.7%
Power generation and supply	310.3	\$1,680.41	\$1,625.59	\$1,618.33	\$1,626.40	8.1	0.5%	-54.0	-3.2%
Natural gas distribution	89.7	\$1,497.35	\$1,685.22	\$1,705.19	\$1,710.39	5.2	0.3%	213.0	14.2%
Water, sewage and other systems	40.2	\$946.84	\$956.79	\$967.54	\$979.70	12.2	1.2%	32.9	3.5%
Publishing Excluding Internet	593.3	\$1,281.73	\$1,365.47	\$1,362.18	\$1,388.46	26.3	1.9%	106.7	8.3%
Broadcasting Excluding Internet	213.6	\$1,073.87	\$1,069.43	\$1,064.02	\$1,058.28	-5.7	-0.5%	-15.6	-1.5%
Telecommunications	583.8	\$1,218.71	\$1,199.54	\$1,222.28	\$1,208.63	-13.7	-1.1%	-10.1	-0.8%
Data processing, hosting and related services	275.2	\$1,265.11	\$1,412.18	\$1,447.24	\$1,424.50	-22.7	-1.6%	159.4	12.6%
Other information services	278.0	\$1,182.69	\$1,233.72	\$1,252.21	\$1,257.90	5.7	0.5%	75.2	6.4%
Depository credit intermediation	1,272.6	\$838.86	\$868.62	\$871.97	\$884.63	12.7	1.4%	45.8	5.5%
Nondepository credit intermediation	483.6	\$1,033.72	\$1,120.16	\$1,122.10	\$1,131.60	9.5	0.8%	97.9	9.5%
Activities related to credit intermediation	248.0	\$878.78	\$835.39	\$823.91	\$863.23	39.3	4.6%	-15.6	-1.8%
Securities and commodity contracts brokerage and exchanges	353.2	\$1,522.28	\$1,515.89	\$1,507.75	\$1,512.20	4.4	0.3%	-10.1	-0.7%
Other financial investment activities, including funds and trusts	376.7	\$1,505.12	\$1,533.90	\$1,537.17	\$1,546.72	9.5	0.6%	41.6	2.8%
Insurance carriers	1,251.6	\$1,205.89	\$1,217.89	\$1,217.50	\$1,229.28	11.8	1.0%	23.4	1.9%
Insurance agencies, brokerages, and related services	959.0	\$1,005.02	\$1,023.16	\$1,023.16	\$1,028.89	5.7	0.6%	23.9	2.4%
Activities related to real estate	557.4	\$805.86	\$832.61	\$834.02	\$817.95	-16.1	-2.0%	12.1	1.5%
Machinery and equipment rental and leasing	152.3	\$1,165.52	\$1,258.43	\$1,237.14	\$1,253.04	15.9	1.3%	87.5	7.5%
Legal services	881.7	\$1,293.81	\$1,321.12	\$1,318.27	\$1,327.52	9.3	0.7%	33.7	2.6%
Accounting and bookkeeping services	797.6	\$898.32	\$934.30	\$939.12	\$926.75	-12.4	-1.3%	28.4	3.2%
Architectural and engineering services	1156.3	\$1,356.81	\$1,360.33	\$1,358.39	\$1,351.79	-6.6	-0.5%	-5.0	-0.4%
Specialized design services	115.7	\$1,051.15	\$1,077.75	\$1,069.40	\$1,077.75	8.3	0.8%	26.6	2.5%
Computer systems design and related services	1816.4	\$1,638.56	\$1,693.90	\$1,700.09	\$1,691.69	-8.4	-0.5%	53.1	3.2%
Management and technical consulting services	1192.7	\$1,280.46	\$1,284.84	\$1,300.55	\$1,300.55	0.0	0.0%	20.1	1.6%
Scientific research and development services	551.1	\$1,509.20	\$1,580.63	\$1,585.09	\$1,600.49	15.4	1.0%	91.3	6.0%
Advertising and related services	368.6	\$1,074.53	\$1,096.14	\$1,095.41	\$1,092.15	-3.3	-0.3%	17.6	1.6%
Other professional and technical services	628.5	\$800.03	\$797.52	\$801.59	\$807.61	6.0	0.7%	7.6	0.9%
Management of companies and enterprises	1583.4	\$1,089.65	\$1,132.51	\$1,133.64	\$1,139.28	5.6	0.5%	49.6	4.6%
Office administrative services	411.2	\$1,038.86	\$1,030.19	\$1,029.11	\$1,037.76	8.7	0.8%	-1.1	-0.1%
Offices of physicians	2264.9	\$1,068.41	\$1,100.69	\$1,111.66	\$1,149.30	37.6	3.3%	80.9	7.6%
Outpatient care centers	848.1	\$896.76	\$910.13	\$911.83	\$904.79	-7.0	-0.8%	8.0	0.9%
Medical and diagnostic laboratories	256.8	\$950.14	\$976.37	\$972.68	\$973.28	0.6	0.1%	23.1	2.4%
Hospitals	4815.7	\$1,147.33	\$1,185.11	\$1,192.43	\$1,200.12	7.7	0.6%	52.8	4.6%
Independent artists, writers, and performers	38.4	\$808.77	\$957.02	\$965.38	\$977.55	12.2	1.2%	168.8	20.9%
Electronic equipment repair and maintenance	78.8	\$940.27	\$946.72	\$949.44	\$963.47	14.0	1.5%	23.2	2.5%
Commercial machinery repair and maintenance	180.8	\$1,082.32	\$1,053.16	\$1,068.19	\$1,078.14	10.0	0.9%	-4.2	-0.4%

Industry Category	Total Number of Jobs (000)	Mean Weekly Income				Change from September 2019 - October 2019	% Change from September 2019 - October	Change from October 2018 - October 2019	% Change from October 2018 - October 2019
		October 2018	August 2019	September 2019	October 2019				
Total Private Production and Non-supervisory Jobs	106,176.0	\$769.03	\$787.59	\$787.59	\$794.98	7.4	0.9%	25.9	3.4%
<b>Total Low Quality Production and Non-supervisory Jobs</b>	<b>59,054.6</b>	<b>\$510.03</b>	<b>\$527.17</b>	<b>\$528.84</b>	<b>\$528.08</b>	<b>-0.8</b>	<b>-0.1%</b>	<b>18.1</b>	<b>3.5%</b>
<b>Goods Producing</b>	17,666.9	\$532.48	\$547.98	\$550.20	\$548.31	-1.9	-0.3%	15.8	3.0%
Other wood products	183.7	\$705.12	\$708.21	\$711.85	\$718.90	7.0	1.0%	13.8	2.0%
Furniture and related products	292.6	\$718.19	\$727.72	\$728.90	\$725.48	-3.4	-0.5%	7.3	1.0%
Other miscellaneous durable goods manufacturing	186.1	\$698.17	\$734.42	\$730.87	\$733.43	2.6	0.4%	35.3	5.1%
Food manufacturing	1,297.2	\$735.49	\$749.89	\$750.30	\$755.20	4.9	0.7%	19.7	2.7%
Textile mills	86.5	\$717.18	\$727.08	\$730.58	\$730.66	0.1	0.0%	13.5	1.9%
Textile product mills	76.0	\$597.12	\$567.11	\$568.93	\$603.12	34.2	6.0%	6.0	1.0%
Apparel	68.7	\$570.77	\$585.97	\$580.44	\$587.52	7.1	1.2%	16.7	2.9%
Printing and related support activities	278.3	\$731.71	\$735.33	\$736.87	\$747.24	10.4	1.4%	15.5	2.1%
Plastics products	452.5	\$769.01	\$790.76	\$803.09	\$790.08	-13.0	-1.6%	21.1	2.7%
Rubber products	102.1	\$822.96	\$804.64	\$806.70	\$785.60	-21.1	-2.6%	-37.4	-4.5%
Miscellaneous nondurable goods manufacturing	158.6	\$770.51	\$790.61	\$790.25	\$793.84	3.6	0.5%	23.3	3.0%
Other motor vehicle dealers	129.8	\$680.58	\$718.41	\$713.07	\$738.25	25.2	3.5%	57.7	8.5%
Auto parts, accessories, and tire stores	481.7	\$607.54	\$630.48	\$633.44	\$647.77	14.3	2.3%	40.2	6.6%
Furniture stores	191.7	\$681.38	\$689.57	\$705.76	\$685.77	-20.0	-2.8%	4.4	0.6%
Home furnishings stores	213.5	\$449.69	\$475.54	\$485.46	\$479.45	-6.0	-1.2%	29.8	6.6%
Building material and supplies dealers	966.1	\$538.24	\$595.52	\$604.21	\$612.05	7.8	1.3%	73.8	13.7%
Lawn and garden equipment and supplies stores	136.6	\$544.52	\$542.75	\$540.15	\$510.78	-29.4	-5.4%	-33.7	-6.2%
Grocery stores	2,397.0	\$391.10	\$395.20	\$395.49	\$395.49	0.0	0.0%	4.4	1.1%
Specialty food stores	204.3	\$383.07	\$396.15	\$396.15	\$384.21	-11.9	-3.0%	1.1	0.3%
Beer, wine, and liquor stores	127.5	\$387.98	\$380.64	\$377.24	\$383.00	5.8	1.5%	-5.0	-1.3%
Health and personal care stores	836.8	\$556.55	\$576.63	\$583.19	\$579.26	-3.9	-0.7%	22.7	4.1%
Gasoline stations	805.8	\$362.46	\$375.14	\$377.92	\$377.92	0.0	0.0%	15.5	4.3%
Clothing stores	804.8	\$293.35	\$316.83	\$322.39	\$297.84	-24.6	-7.6%	4.5	1.5%
Shoe stores	140.6	\$367.77	\$418.34	\$440.96	\$407.62	-33.3	-7.6%	39.9	10.8%
Jewelry, luggage, and leather goods stores	99.4	\$577.20	\$585.68	\$588.06	\$604.82	16.8	2.8%	27.6	4.8%
Sporting goods and musical instrument stores	404.8	\$392.47	\$384.80	\$386.36	\$369.52	-16.8	-4.4%	-22.9	-5.8%
Book stores and news dealers	64.7	\$283.14	\$258.91	\$260.21	\$257.66	-2.6	-1.0%	-25.5	-9.0%
General merchandise stores	2,852.8	\$431.64	\$446.10	\$444.00	\$439.86	-4.1	-0.9%	8.2	1.9%
Florists	51.5	\$331.84	\$375.10	\$379.50	\$377.29	-2.2	-0.6%	45.4	13.7%
Office supplies, stationery, and gift stores	189.0	\$368.28	\$361.11	\$362.60	\$353.80	-8.8	-2.4%	-14.5	-3.9%
Used merchandise stores	151.9	\$348.47	\$365.37	\$363.66	\$363.79	0.1	0.0%	15.3	4.4%
Other miscellaneous store retailers	282.2	\$427.70	\$455.62	\$457.37	\$467.86	10.5	2.3%	40.2	9.4%
Nonstore retailers	466.7	\$680.86	\$737.09	\$742.72	\$740.25	-2.5	-0.3%	59.4	8.7%
Transit and ground passenger transportation	447.8	\$636.01	\$628.38	\$635.24	\$629.18	-6.1	-1.0%	-6.8	-1.1%
Support activities for air transportation	200.8	\$654.94	\$715.86	\$719.33	\$732.14	12.8	1.8%	77.2	11.8%
Support activities for road transportation	86.5	\$696.14	\$733.63	\$746.24	\$752.64	6.4	0.9%	56.5	8.1%
Couriers and messengers	688.5	\$671.62	\$660.56	\$648.88	\$648.59	-0.3	0.0%	-23.0	-3.4%
Warehousing and storage	1,061.8	\$737.84	\$748.27	\$755.08	\$753.88	-1.2	-0.2%	16.0	2.2%
<b>Services</b>	41,387.7	\$511.76	\$528.64	\$531.09	\$529.04	-2.0	0.0	17.3	0.0
Motion picture and sound recording industries	324.5	\$713.73	\$762.54	\$752.68	\$751.27	-1.4	-0.2%	37.5	5.3%
Lessors of real estate	481.1	\$720.34	\$749.59	\$758.29	\$752.64	-5.6	-0.7%	32.3	4.5%
Offices of real estate agents and brokers	260.9	\$743.03	\$722.25	\$720.31	\$746.49	26.2	3.6%	3.5	0.5%
General rental centers	28.6	\$617.38	\$685.71	\$661.77	\$688.34	26.6	4.0%	71.0	11.5%
Facilities support services	137.7	\$723.60	\$755.42	\$764.94	\$764.91	0.0	0.0%	41.3	5.7%
Employment services	3,550.6	\$618.40	\$664.95	\$671.77	\$666.62	-5.1	-0.8%	48.2	7.8%
Business support services	756.6	\$602.22	\$638.52	\$641.92	\$638.68	-3.2	-0.5%	36.5	6.1%
Travel arrangement and reservation services	173.4	\$758.48	\$752.73	\$757.30	\$752.05	-5.2	-0.7%	-6.4	-0.8%
Investigation and security services	865.7	\$573.45	\$595.76	\$598.16	\$598.40	0.2	0.0%	25.0	4.4%
Services to buildings and dwellings	1,888.1	\$498.64	\$524.54	\$526.47	\$523.48	-3.0	-0.6%	24.8	5.0%
Other support services	287.5	\$667.15	\$717.46	\$713.37	\$727.50	14.1	2.0%	60.4	9.0%
Offices of dentists	836.5	\$691.71	\$700.06	\$706.61	\$705.10	-1.5	-0.2%	13.4	1.9%

Offices of other health practitioners	805.4	\$645.96	\$668.31	\$668.31	\$668.92	0.6	0.1%	23.0	3.6%
Home health care services	1,453.0	\$505.40	\$527.41	\$532.95	\$530.75	-2.2	-0.4%	25.4	5.0%
Other ambulatory health care services	273.6	\$827.89	\$782.30	\$786.13	\$789.23	3.1	0.4%	-38.7	-4.7%
Nursing care facilities	1,449.3	\$572.13	\$590.98	\$593.57	\$595.51	1.9	0.3%	23.4	4.1%
Residential mental health facilities	569.7	\$550.34	\$568.48	\$569.86	\$564.92	-4.9	-0.9%	14.6	2.6%
Community care facilities for the elderly	868.4	\$482.04	\$495.64	\$495.33	\$497.42	2.1	0.4%	15.4	3.2%
Other residential care facilities	143.9	\$555.41	\$575.28	\$571.54	\$575.62	4.1	0.7%	20.2	3.6%
Individual and family services	2,299.9	\$430.78	\$445.73	\$446.01	\$448.72	2.7	0.6%	17.9	4.2%
Emergency and other relief services	143.6	\$583.52	\$591.38	\$595.32	\$591.71	-3.6	-0.6%	8.2	1.4%
Vocational rehabilitation services	288.1	\$430.13	\$458.69	\$459.92	\$461.11	1.2	0.3%	31.0	7.2%
Child day care services	882.6	\$414.81	\$424.05	\$424.95	\$424.17	-0.8	-0.2%	9.4	2.3%
Performing arts companies	110.4	\$652.97	\$670.72	\$684.54	\$633.56	-51.0	-7.4%	-19.4	-3.0%
Spectator sports	132.4	\$681.70	\$679.91	\$704.96	\$690.68	-14.3	-2.0%	9.0	1.3%
Arts and sports promoters and agents and managers for public figures	147.3	\$541.42	\$525.30	\$524.08	\$543.31	19.2	3.7%	1.9	0.3%
Museums, historical sites, and similar institutions	138.1	\$478.53	\$486.40	\$496.50	\$493.40	-3.1	-0.6%	14.9	3.1%
Amusements, gambling, and recreation	1,562.0	\$318.65	\$318.78	\$320.83	\$319.52	-1.3	-0.4%	0.9	0.3%
Traveler accommodation	1,698.0	\$443.11	\$460.65	\$462.73	\$464.13	1.4	0.3%	21.0	4.7%
RV parks and recreational camps	57.3	\$372.37	\$411.35	\$455.00	\$419.62	-35.4	-7.8%	47.2	12.7%
Special food services	635.3	\$410.02	\$407.09	\$411.92	\$409.50	-2.4	-0.6%	-0.5	-0.1%
Drinking places, alcoholic beverages	340.8	\$341.45	\$353.60	\$363.10	\$358.02	-5.1	-1.4%	16.6	4.9%
Full-service restaurants	5,111.4	\$358.40	\$370.23	\$372.44	\$373.67	1.2	0.3%	15.3	4.3%
Limited-service restaurants	4,046.4	\$274.26	\$282.66	\$283.38	\$286.25	2.9	1.0%	12.0	4.4%
Cafeterias, grill buffets, and buffets	108.5	\$316.13	\$309.08	\$317.96	\$325.89	7.9	2.5%	9.8	3.1%
Snack and nonalcoholic beverage bars	683.3	\$282.24	\$293.02	\$294.36	\$293.69	-0.7	-0.2%	11.5	4.1%
Automotive repair and maintenance	781.0	\$697.73	\$706.11	\$707.52	\$702.00	-5.5	-0.8%	4.3	0.6%
Household goods repair and maintenance	59.0	\$673.99	\$726.38	\$732.38	\$739.22	6.8	0.9%	65.2	9.7%
Personal care services	641.9	\$426.62	\$449.58	\$446.80	\$439.73	-7.1	-1.6%	13.1	3.1%
Death care services	104.4	\$567.56	\$530.79	\$534.59	\$529.34	-5.3	-1.0%	-38.2	-6.7%
Drycleaning and laundry services	256.6	\$462.26	\$465.80	\$467.84	\$477.02	9.2	2.0%	14.8	3.2%
Other personal services	301.0	\$442.47	\$459.59	\$458.46	\$468.58	10.1	2.2%	26.1	5.9%
Membership associations and organizations	2,511.4	\$688.69	\$698.76	\$701.45	\$703.55	2.1	0.3%	14.9	2.2%
Education	3,192.5	\$664.15	\$694.35	\$682.08	\$679.81	-2.3	-0.3%	15.7	2.4%

Industry Category	Total Number of Jobs (000)	Index of CPI-adjusted Weekly Income (1990 = 100)				% Change from Inception - October 2019	% Change from October 2018 - October 2019	% Change from September 2019 - October 2019
		Inception of Data: January 1990	October 2018	September 2019	October 2019			
Total Private Production and Non-supervisory Jobs	106,176.0	345.7	435.3	455.7	460.6	360.6%	5.8%	1.1%
<b>Total High Quality Production and Non-supervisory Jobs</b>	<b>45,931.1</b>	<b>443.5</b>	<b>481.0</b>	<b>506.3</b>	<b>509.1</b>	<b>409.1%</b>	<b>5.8%</b>	<b>0.5%</b>
<b>Goods Producing</b>	11,518.2	511.3	410.4	430.7	430.6	330.6%	4.9%	0.0%
Logging	43.9	424.1	401.6	460.7	485.0	385.0%	20.8%	6.1%
Oil and gas extraction	94.3	574.1	537.3	589.4	585.5	485.5%	9.0%	-0.7%
Mining, except oil and gas	143.9	669.0	364.2	397.7	401.2	301.2%	10.2%	1.0%
Support activities for mining	263.4	528.5	509.9	567.9	592.9	492.9%	16.3%	4.9%
Residential building	541.0	431.9	417.9	440.3	435.9	335.9%	4.3%	-1.0%
Nonresidential building	530.7	532.1	453.1	473.3	469.2	369.2%	3.6%	-0.9%
Utility system construction	450.9	574.7	465.3	482.2	477.6	377.6%	2.7%	-1.0%
Highway, street, and bridge construction	300.3	581.4	413.0	451.0	445.5	345.5%	7.9%	-1.3%
Building foundation and exterior contractors	741.6	485.8	378.0	418.4	414.4	314.4%	9.6%	-1.1%
Building equipment contractors	1,716.3	579.3	394.5	410.9	412.5	312.5%	4.6%	0.4%
Building finishing contractors	652.2	477.2	407.3	417.8	419.5	319.5%	3.0%	0.4%
Other specialty trade contractors	564.2	512.4	390.8	429.7	426.4	326.4%	9.1%	-0.8%
Sawmills and wood preservation	74.7	411.0	393.8	405.3	391.9	291.9%	-0.5%	-3.4%
Plywood and engineered wood products	64.5	359.5	426.8	496.9	510.4	410.4%	19.6%	3.2%
Nonmetallic mineral products	311.9	455.3	408.0	430.3	428.9	328.9%	5.1%	-0.3%
Primary metals	291.1	533.4	388.3	380.7	382.5	282.5%	-1.5%	0.5%
Fabricated metal products	1,099.3	432.2	393.1	415.4	416.1	316.1%	5.8%	0.2%
Agricultural, construction, and mining machinery	154.6	478.7	394.6	398.9	397.8	297.8%	0.8%	-0.3%
Industrial machinery	63.4	476.3	415.7	463.2	457.5	357.5%	10.1%	-1.4%
Commercial and service industry machinery	59.3	521.2	420.6	443.0	434.3	334.3%	3.3%	-2.1%
HVAC and commercial refrigeration equipment	90.1	398.5	432.9	431.7	427.4	327.4%	-1.3%	-1.0%
Metalworking machinery	121.8	534.4	364.9	388.8	396.6	296.6%	8.7%	2.1%
Turbine and power transmission equipment	52.1	558.1	387.6	422.3	417.5	317.5%	7.7%	-1.2%
Other general purpose machinery	164.5	459.8	420.0	433.9	439.2	339.2%	4.6%	1.2%
Computer and electronic products	652.8	440.5	455.8	462.5	467.6	367.6%	2.6%	1.1%
Electrical equipment and appliances	261.5	409.4	414.7	407.6	401.6	301.6%	-3.2%	-1.4%
Transportation equipment	1,167.9	581.2	395.4	406.9	403.1	303.1%	1.9%	-1.0%
Medical equipment and supplies	207.0	358.3	440.3	467.9	463.4	363.4%	5.2%	-1.0%
Petroleum and coal products	77.5	742.5	513.0	557.3	532.4	432.4%	3.8%	-4.9%
Chemicals	561.5	541.4	383.1	393.7	401.5	301.5%	4.8%	2.0%
<b>Services</b>	34,412.9	421.76	504.68	531.63	535.40	431.6%	6.1%	0.7%
Motor vehicles and parts	283.7	407.0	393.4	411.0	417.1	317.1%	6.0%	1.6%
Furniture and furnishings	90	409.6	430.6	460.5	460.5	360.5%	6.9%	0.0%
Lumber and construction supplies	206.7	411.8	444.0	474.5	472.2	372.2%	6.3%	-0.5%
Commercial equipment	565.7	532.4	434.7	458.5	456.5	356.5%	5.0%	-0.5%
Metals and minerals	110	449.4	422.6	432.2	438.3	338.3%	3.7%	1.5%
Electric goods	279.4	521.2	405.6	434.7	444.7	344.7%	9.6%	2.5%
Hardware and plumbing	232.2	397.2	495.3	506.0	512.9	412.9%	3.6%	1.4%
Machinery and supplies	575.1	442.0	473.1	509.6	519.3	419.3%	9.8%	2.1%
Miscellaneous durable goods	242	331.2	483.3	482.6	486.5	386.5%	0.7%	0.8%
Paper and paper products	101.1	494.0	369.1	384.4	390.6	290.6%	5.8%	1.7%
Druggists' goods	191.2	438.7	473.9	508.1	503.5	403.5%	6.2%	-1.0%
Apparel and piece goods	115.9	378.8	396.4	460.0	455.6	355.6%	14.9%	-1.1%
Grocery and related products	669.1	374.6	427.8	460.1	466.5	366.5%	9.0%	1.5%
Farm product raw materials	56.8	304.9	491.9	544.4	556.1	456.1%	13.1%	2.4%
Chemicals	118.2	547.6	411.8	462.4	450.8	350.8%	9.5%	-2.8%
Petroleum	82.3	398.6	442.4	449.8	451.6	351.6%	2.1%	0.4%
Alcoholic beverages	161.5	394.7	442.1	461.6	457.5	357.5%	3.5%	-0.9%

Misc. nondurable goods	257.3	342.8	433.0	465.4	465.8	365.8%	7.6%	0.1%
Electronic markets and agents and brokers	432.9	510.5	464.0	478.1	476.3	376.3%	2.7%	-0.4%
Automobile dealers	1106.1	406.4	400.2	424.4	420.3	320.3%	5.0%	-1.0%
Electronics and appliance stores	376.6	271.9	567.9	599.2	612.9	512.9%	7.9%	2.4%
Air transportation	448.4	425.2	461.0	487.4	484.8	384.8%	5.2%	-0.6%
General freight trucking	914.8	508.8	363.0	377.5	381.9	281.9%	5.2%	1.2%
Specialized freight trucking	409.2	434.6	420.9	455.0	453.5	353.5%	7.7%	-0.4%
Pipeline transportation	40.2	599.7	621.0	633.6	644.1	544.1%	3.7%	1.7%
Support activities for water transportation	85	528.9	430.7	450.5	446.1	346.1%	3.6%	-1.0%
Freight transportation arrangement	180.4	412.7	413.7	423.7	427.0	327.0%	3.2%	0.8%
Support activities for other transportation, in	55.9	430.8	382.5	414.1	417.6	317.6%	9.2%	0.9%
Power generation and supply	310.3	665.9	493.8	486.2	489.2	389.2%	-0.9%	0.6%
Natural gas distribution	89.7	690.0	424.7	494.4	496.5	396.5%	16.9%	0.5%
Water, sewage and other systems	40.2	457.3	405.1	423.2	429.1	329.1%	5.9%	1.5%
Broadcasting Excluding Internet	213.6	378.8	554.8	561.9	559.6	459.6%	0.9%	-0.4%
Telecommunications	583.8	555.2	429.6	440.4	436.1	336.1%	1.5%	-1.0%
Data processing, hosting and related services	275.2	414.5	597.2	698.4	688.3	588.3%	15.3%	-1.7%
Other information services	278	502.2	460.9	498.8	501.7	401.7%	8.9%	0.6%
Depository credit intermediation	1272.6	308.1	532.8	566.1	575.1	475.1%	7.9%	1.7%
Nondepository credit intermediation	483.6	375.4	538.9	598.0	603.8	503.8%	12.1%	1.1%
Activities related to credit intermediation	248	408.5	421.0	403.5	423.3	323.3%	0.5%	4.7%
Securities and commodity contracts brokerag	353.2	435.4	684.1	692.7	695.6	595.6%	1.7%	0.4%
Other financial investment activities, includin	376.7	475.2	619.7	647.0	651.9	551.9%	5.2%	0.8%
Insurance carriers	1251.6	416.2	566.9	585.1	591.6	491.6%	4.3%	1.1%
Insurance agencies, brokerages, and related	959	382.8	513.7	534.6	538.3	438.3%	4.8%	0.7%
Activities related to real estate	557.4	328.4	480.2	508.1	499.0	399.0%	3.9%	-1.9%
Machinery and equipment rental and leasing	152.3	487.9	467.4	507.2	514.4	414.4%	10.0%	1.5%
Legal services	881.7	535.4	472.9	492.6	496.7	396.7%	5.0%	0.9%
Accounting and bookkeeping services	797.6	395.6	444.4	474.9	469.3	369.3%	5.6%	-1.3%
Architectural and engineering services	1156.3	556.1	477.4	488.6	486.9	386.9%	2.0%	-0.4%
Specialized design services	115.7	383.3	536.6	558.0	563.2	463.2%	4.9%	1.0%
Computer systems design and related service	1816.4	683.0	469.5	497.9	496.1	396.1%	5.7%	-0.4%
Management and technical consulting servic	1192.7	497.4	503.8	523.1	523.8	423.8%	4.0%	0.1%
Scientific research and development services	551.1	572.0	516.3	554.4	560.5	460.5%	8.6%	1.2%
Advertising and related services	368.6	403.8	520.7	542.7	541.8	441.8%	4.0%	-0.2%
Other professional and technical services	628.5	239.6	653.4	669.2	675.2	575.2%	3.3%	0.9%
Management of companies and enterprises	1583.4	381.5	558.9	594.4	598.2	498.2%	7.0%	0.7%
Office administrative services	411.2	326.3	622.9	630.8	637.0	537.0%	2.3%	1.0%
Offices of physicians	2264.9	326.3	640.6	681.4	705.4	605.4%	10.1%	3.7%
Outpatient care centers	848.1	317.1	553.4	575.3	571.6	471.6%	3.3%	-0.7%
Medical and diagnostic laboratories	256.8	375.4	495.3	518.3	519.3	419.3%	4.9%	0.2%
Hospitals	4815.7	392.5	572.1	607.8	612.5	512.5%	7.1%	0.8%
Independent artists, writers, and performers	38.4	359.4	440.4	537.3	544.8	444.8%	23.7%	1.7%
Electronic equipment repair and maintenanc	78.8	432.0	425.9	439.6	446.7	346.7%	4.9%	1.7%
Commercial machinery repair and maintenanc	180.8	451.7	468.9	473.1	478.1	378.1%	2.0%	1.1%

Industry Category	Total Number of Jobs (000)	Index of CPI-adjusted Weekly Income (1990 = 100)				% Change from Inception - October 2019	% Change from October 2018 - October 2019	% Change from September 2019 - October 2019
		Inception of Data: January 1990	October 2018	September 2019	October 2019			
Total Private Production and Non-supervisory Jobs	106,176.0	345.7	435.3	455.7	460.6	360.6%	5.8%	1.1%
<b>Total Low Quality Production and Non-supervisory Jobs</b>	<b>59,054.6</b>	<b>233.0</b>	<b>432.4</b>	<b>458.5</b>	<b>458.4</b>	<b>358.4%</b>	<b>6.0%</b>	<b>0.0%</b>
<b>Goods Producing</b>	3,182.3	352.9	409.1	426.8	428.6	328.6%	4.8%	0.4%
Other wood products	183.7	322.3	428.0	441.7	446.7	346.7%	4.4%	1.1%
Furniture and related products	292.6	326.0	431.1	447.2	445.7	345.7%	3.4%	-0.3%
Other miscellaneous durable goods manufacturing	186.1	329.9	414.2	443.2	445.3	35.0%	7.5%	0.5%
Food manufacturing	1,297.2	348.4	413.1	430.8	434.2	334.2%	5.1%	0.8%
Textile mills	86.5	326.0	430.5	448.3	448.9	37.7%	4.3%	0.1%
Textile product mills	76.0	280.9	415.9	405.1	430.0	53.1%	3.4%	6.2%
Apparel	68.7	212.2	526.4	547.2	554.6	161.4%	5.4%	1.4%
Printing and related support activities	278.3	425.3	336.7	346.6	351.9	-17.3%	4.5%	1.5%
Plastics products	452.5	361.9	415.8	443.9	437.3	20.8%	5.2%	-1.5%
Rubber products	102.1	467.0	344.8	345.5	337.0	-27.8%	-2.3%	-2.5%
Miscellaneous nondurable goods manufacturing	158.6	385.2	391.4	410.4	412.8	7.2%	5.5%	0.6%
<b>Services</b>	55,872.3	227.8	433.8	460.4	460.1	360.1%	6.1%	-0.1%
Other motor vehicle dealers	129.8	302.8	439.9	471.1	488.4	388.4%	11.0%	3.7%
Auto parts, accessories, and tire stores	481.7	297.6	399.5	425.8	436.0	336.0%	9.1%	2.4%
Furniture stores	191.7	289.5	460.5	487.6	474.4	374.4%	3.0%	-2.7%
Home furnishings stores	213.5	253.2	347.5	383.5	379.3	279.3%	9.1%	-1.1%
Building material and supplies dealers	966.1	292.7	359.8	412.9	418.8	318.8%	16.4%	1.4%
Lawn and garden equipment and supplies stores	136.6	264.7	402.6	408.2	386.5	286.5%	-4.0%	-5.3%
Grocery stores	2,397.0	239.4	319.7	330.5	330.9	230.9%	3.5%	0.1%
Specialty food stores	204.3	222.4	337.0	356.2	346.0	246.0%	2.7%	-2.9%
Beer, wine, and liquor stores	127.5	210.3	361.1	358.9	364.9	73.5%	1.0%	1.7%
Health and personal care stores	836.8	206.6	527.0	564.5	561.5	171.7%	6.5%	-0.5%
Gasoline stations	805.8	194.8	364.0	388.0	388.5	99.4%	6.7%	0.1%
Clothing stores	804.8	159.6	359.7	404.0	373.8	134.2%	3.9%	-7.5%
Shoe stores	140.6	166.7	431.6	529.0	489.7	193.7%	13.5%	-7.4%
Jewelry, luggage, and leather goods stores	99.4	207.5	544.4	567.0	583.9	181.4%	7.3%	3.0%
Sporting goods and musical instrument stores	404.8	178.6	430.0	432.8	414.4	132.1%	-3.6%	-4.2%
Book stores and news dealers	64.7	164.9	336.0	315.7	313.0	89.8%	-6.9%	-0.8%
General merchandise stores	2,852.8	183.2	461.1	484.8	480.9	162.5%	4.3%	-0.8%
Florists	51.5	187.6	346.2	404.7	402.9	114.8%	16.4%	-0.5%
Office supplies, stationery, and gift stores	189.0	237.6	303.3	305.2	298.2	198.2%	-1.7%	-2.3%
Used merchandise stores	151.9	170.5	399.9	426.6	427.3	150.6%	6.9%	0.2%
Other miscellaneous store retailers	282.2	248.5	336.8	368.2	377.2	51.8%	12.0%	2.4%
Nonstore retailers	466.7	331.0	402.5	448.9	448.0	35.3%	11.3%	-0.2%
Transit and ground passenger transportation	447.8	322.4	386.1	394.2	390.9	21.3%	1.3%	-0.8%
Support activities for air transportation	200.8	352.8	363.2	407.8	415.6	315.6%	14.4%	1.9%
Support activities for road transportation	86.5	404.6	336.7	368.9	372.6	272.6%	10.7%	1.0%
Couriers and messengers	688.5	218.9	600.5	593.0	593.6	171.2%	-1.2%	0.1%
Warehousing and storage	1,061.8	398.9	362.0	378.7	378.6	-5.1%	4.6%	0.0%
Motion picture and sound recording industries	324.5	417.2	334.7	360.9	360.7	-13.6%	7.7%	-0.1%
Lessors of real estate	481.1	268.7	524.5	564.4	561.0	108.8%	7.0%	-0.6%

Offices of real estate agents and brokers	260.9	291.4	499.0	494.5	513.2	413.2%	2.8%	3.8%
General rental centers	28.6	383.6	314.9	345.1	359.4	259.4%	14.1%	4.2%
Facilities support services	137.7	431.4	328.2	354.7	355.1	255.1%	8.2%	0.1%
Employment services	3,550.6	265.7	455.4	505.7	502.5	402.5%	10.3%	-0.6%
Business support services	756.6	267.8	440.0	479.5	477.7	377.7%	8.6%	-0.4%
Travel arrangement and reservation services	173.4	269.8	550.2	561.5	558.4	107.0%	1.5%	-0.6%
Investigation and security services	865.7	222.4	504.6	538.1	539.0	142.4%	6.8%	0.2%
Services to buildings and dwellings	1,888.1	233.5	417.9	451.1	449.1	349.1%	7.5%	-0.4%
Other support services	287.5	376.0	347.2	379.5	387.5	3.1%	11.6%	2.1%
Offices of dentists	836.5	279.8	483.7	505.1	504.7	80.4%	4.3%	-0.1%
Offices of other health practitioners	805.4	267.7	472.1	499.4	500.5	86.9%	6.0%	0.2%
Home health care services	1,453.0	199.6	495.4	534.0	532.5	166.7%	7.5%	-0.3%
Other ambulatory health care services	273.6	325.3	498.1	483.5	486.0	49.4%	-2.4%	0.5%
Nursing care facilities	1,449.3	237.3	471.8	500.3	502.6	111.8%	6.5%	0.5%
Residential mental health facilities	569.7	240.7	447.3	473.5	470.0	95.2%	5.1%	-0.7%
Community care facilities for the elderly	868.4	214.9	438.9	461.0	463.6	115.7%	5.6%	0.6%
Other residential care facilities	143.9	273.4	397.6	418.2	421.8	54.3%	6.1%	0.8%
Individual and family services	2,299.9	236.9	355.8	376.6	379.4	60.2%	6.6%	0.7%
Emergency and other relief services	143.6	247.2	461.9	481.7	479.4	379.4%	3.8%	-0.5%
Vocational rehabilitation services	288.1	194.4	433.0	473.2	475.1	375.1%	9.7%	0.4%
Child day care services	882.6	175.5	462.6	484.5	484.2	176.0%	4.7%	-0.1%
Performing arts companies	110.4	261.2	489.1	524.2	485.8	385.8%	-0.7%	-7.3%
Spectator sports	132.4	297.8	448.0	473.6	464.6	56.0%	3.7%	-1.9%
Arts and sports promoters and agents and managers for public figures	147.3	301.9	351.0	347.3	360.5	260.5%	2.7%	3.8%
Museums, historical sites, and similar institutions	138.1	240.4	389.5	413.1	411.1	311.1%	5.5%	-0.5%
Amusements, gambling, and recreation	1,562.0	193.1	322.8	332.3	331.4	231.4%	2.6%	-0.3%
Traveler accommodation	1,698.0	207.1	418.7	447.0	448.9	348.9%	7.2%	0.4%
RV parks and recreational camps	57.3	173.4	420.1	524.7	484.6	384.6%	15.3%	-7.7%
Special food services	635.3	181.0	443.3	455.2	453.2	353.2%	2.2%	-0.5%
Drinking places, alcoholic beverages	340.8	116.1	575.5	625.6	617.7	517.7%	7.3%	-1.3%
Full-service restaurants	5,111.4	139.5	502.7	534.0	536.5	436.5%	6.7%	0.5%
Limited-service restaurants	4,046.4	118.3	453.7	479.2	484.7	384.7%	6.8%	1.1%
Cafeterias, grill buffets, and buffets	108.5	143.2	432.0	444.1	455.8	355.8%	5.5%	2.6%
Snack and nonalcoholic beverage bars	683.3	116.2	475.4	506.9	506.4	335.9%	6.5%	-0.1%
Automotive repair and maintenance	781.0	335.5	406.9	421.8	419.1	319.1%	3.0%	-0.6%
Household goods repair and maintenance	59.0	340.6	387.2	430.1	434.7	27.6%	12.3%	1.1%
Personal care services	641.9	197.5	422.6	452.4	445.9	125.7%	5.5%	-1.5%
Death care services	104.4	301.9	367.8	354.2	351.2	251.2%	-4.5%	-0.9%
Drycleaning and laundry services	256.6	239.7	377.3	390.4	398.6	298.6%	5.6%	2.1%
Other personal services	301.0	264.8	327.0	346.4	354.5	254.5%	8.4%	2.3%
Membership associations and organizations	2,511.4	292.7	460.5	479.5	481.5	381.5%	4.6%	0.4%
Education	3,192.5	311.5	417.2	437.9	437.1	337.1%	4.8%	-0.2%