



DELAWARE ANNUAL ECONOMIC REPORT 2020



Office of Occupational & Labor Market Information
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DELAWARE

ANNUAL ECONOMIC REPORT 2020

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Quarterly Census of Employment and Wages (QCEW)

Average Monthly Employment and Average Annual Wage by Industry

The Quarterly Census of Employment and Wages (QCEW) program is federal/state cooperative program that produces employment and wage data from employers subject to unemployment insurance coverage. Delaware's average employment for all industries decreased by 25,311 from 2019 to 2020, according to data from the QCEW program. In percentage terms, that is a decrease of 5.6 percent. The drop in Delaware's average monthly employment in 2020 was mainly due to the effects of the Coronavirus on the state's economy. Delaware's fastest growing as well as its smallest industry sector was Mining, with a 14.8 percent change in employment over-the-year for 2020. While Mining was the fastest growing industry in percentage terms it averaged only 70 jobs in 2020. Transportation and Warehousing was the second fastest growing sector of the economy with an increase of 6.7% growth in average monthly employment. Transportation and Warehousing also had the largest increase in average monthly employment with an increase of 983 jobs over-the-year. The next fastest growing industry was Management of Companies and Enterprises at 5.2 percent over-the-year. Federal Government and Utilities were the fourth and fifth fastest growing industries with a percent change in employment of 5.1 percent and -0.7 percent, respectively.

Delaware Average Monthly Employment 2019-2020

Industry Description	NAICS	2019 Average Monthly Empl.	2020 Average Monthly Empl.	Change In Average Monthly Empl.	% Change in Average Monthly Empl.	Rank by % Change (Largest to Smallest)
Mining	21	61	70	9	14.8%	1
Transportation and warehousing	48-49	14,615	15,598	983	6.7%	2
Management of companies and enterprises	55	8,017	8,431	414	5.2%	3
Federal Government	Fed	5,727	6,018	291	5.1%	4
Utilities	22	2,074	2,060	-14	-0.7%	5
Finance and insurance	52	42,435	41,869	-566	-1.3%	6
Wholesale trade	42	10,998	10,840	-158	-1.4%	7
Real estate and rental and leasing	53	5,594	5,510	-84	-1.5%	8
Tot. Government	Total	63,604	62,474	-1,130	-1.8%	9
Construction	23	22,917	22,415	-502	-2.2%	10
Local Government	Local	27,683	27,064	-619	-2.2%	11
Health care and social assistance	62	72,052	70,137	-1,915	-2.7%	12
State Government	State	30,195	29,392	-803	-2.7%	13
Professional and technical services	54	26,325	25,365	-960	-3.6%	14
Administrative and waste services	56	29,542	28,057	-1,485	-5.0%	15
Total Industries	Total	452,838	427,527	-25,311	-5.6%	
Manufacturing	31-33	27,305	25,536	-1,769	-6.5%	16
Information	51	3,905	3,637	-268	-6.9%	17
Retail trade	44-45	51,893	47,874	-4,019	-7.7%	18
Educational services	61	4,853	4,375	-478	-9.8%	19
Agric., forestry, fishing and hunting	11	1,411	1,250	-161	-11.4%	20
Other services, except public admin.	81	12,134	10,736	-1,398	-11.5%	21
Accommodation and food services	72	43,233	33,789	-9,444	-21.8%	22
Arts, entertainment, and recreation	71	9,872	7,507	-2,365	-24.0%	23

At the other end of the spectrum, Arts, Entertainment, and Recreation had the largest decline in employment in percentage terms for 2020 declining by 24 percent from the prior year. Accommodation and Food Services had the second largest decline in average monthly employment for 2020, falling by 21.8 percent. In addition, Accommodation and Food Services had the largest decrease in average monthly employment with a decline of 9,444 jobs over-the-year.

Delaware Average Annual Wages 2019-2020

Industry Description	NAICS	2019 Average Annual Wage (\$)	2020 Average Annual Wage (\$)	Change In Average Annual Wage (\$)	% Change in Average Annual Wage	Rank by % Change (Largest to Smallest)
Arts, entertainment, and recreation	71	23,406	26,633	3,227	13.8%	1
Information	51	70,031	78,618	8,587	12.3%	2
Retail trade	44-45	30,764	33,723	2,959	9.6%	3
Administrative and waste services	56	42,452	45,867	3,415	8.0%	4
Educational services	61	47,568	51,073	3,505	7.4%	5
Local Government	Local	54,403	58,396	3,993	7.3%	6
Other services, except public admin.	81	35,618	38,094	2,476	7.0%	7
Total Industries	Total	58,491	62,463	3,972	6.8%	
Real estate and rental and leasing	53	55,443	59,140	3,697	6.7%	8
Wholesale trade	42	76,010	80,609	4,599	6.1%	9
Finance and insurance	52	103,031	108,984	5,953	5.8%	10
Tot.Government	Total	58,933	62,033	3,100	5.3%	11
Professional and technical services	54	106,648	112,077	5,429	5.1%	12
State Government	State	60,188	62,663	2,475	4.1%	13
Construction	23	62,516	64,996	2,480	4.0%	14
Agriculture, forestry, fishing and hunti	11	40,875	42,372	1,497	3.7%	15
Health care and social assistance	62	55,821	57,746	1,925	3.4%	16
Utilities	22	120,107	124,108	4,001	3.3%	17
Manufacturing	31-33	66,103	68,154	2,051	3.1%	18
Accommodation and food services	72	20,764	21,250	486	2.3%	19
Federal Government	Fed	74,212	75,313	1,101	1.5%	20
Transportation and warehousing	48-49	47,579	47,528	-51	-0.1%	21
Management of companies and enterprises	55	153,529	140,512	-13,017	-8.5%	22
Mining	21	71,238	59,175	-12,063	-16.9%	23

Delaware’s total average annual wage for all industries increased in 2020 by \$3,972 or 6.8 percent from 2019. Of all of Delaware’s industries, Arts, Entertainment, and Recreation had the largest percentage increase in the average annual wage increasing 13.8 percent. Information had the second largest percent increase in its average annual wage with an over-the-year increase of 12.3 percent. Information also had the largest increase in change in the average annual wage for 2020 increasing by \$8,587. These two industries were followed up by Retail Trade; Administrative and Waste Services; and Educational Services with increases of 9.6 percent, 8.0 percent, and 7.4 percent, respectively.

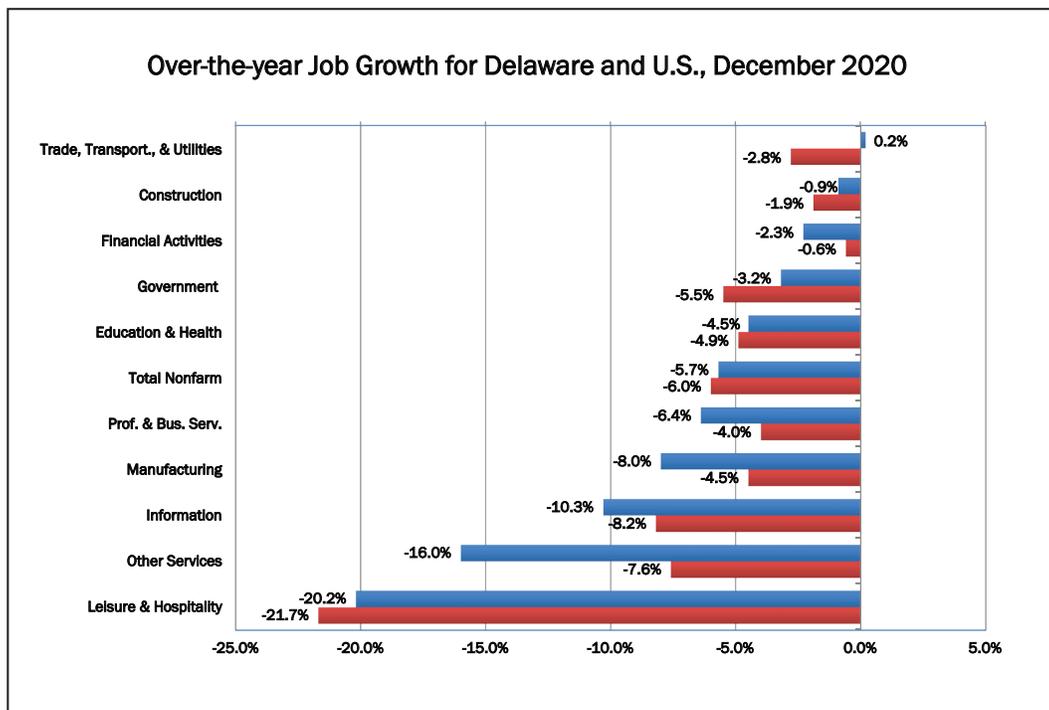
Mining lead the declining industries with the largest percent decrease in its average annual wage over-the-year for Delaware with a decline of 16.9 percent. The second largest decline belonged to Management of Companies and Enterprises with a decline of 8.5 percent from the prior year.

Current Employment Statistics: Job Growth December 2019-December 2020

The Current Employment Statistics (CES) program is a Federal/State cooperative program that produces payroll employment, and hours and earnings data for states and areas. This article examines the over-the-year job growth for Delaware's industries using CES data. Due to the Coronavirus, nearly all industries lost jobs in 2020, for the Delaware and the U.S.

Delaware's over-the-year percent change in Total Nonfarm job growth was -5.7 percent for the 12 months ending December 2020. By comparison, U.S. job growth during the same period was -6.0 percent. Delaware's only industry with job gains was in the Trade, Transportation, & Utilities, growing by 0.2 percent over-the-year, and outperforming the U.S. decline of -2.8 percent. The U.S. didn't have any major industry with positive job growth.

Of the remaining declining Delaware industries, the Construction industry had the smallest decline in job growth for 2020, down 0.9 percent. For the U.S., Construction jobs declined 1.9 percent. Job growth in the Financial Activities industry was down 2.3 percent in Delaware, compared to the U.S. which was only down 0.6 percent in 2020. Government declined for Delaware by 3.2 percent, which was the fourth strongest job performance in jobs 2020, while U.S. over-the-year job growth in Government was down 5.5 percent. Education & Health rounds out the industries with above average performance in jobs over-the-year job in Delaware for 2020 declining 4.5 percent and performing slightly better than the national decline of 4.9 percent.



The remaining five major industries performed worse than average in Delaware. Leisure & Hospitality had the worst job declines of all Delaware industries, declining 20.2 percent over-the-year, but slightly better than the national decline of 21.7 percent. The Other Services industry had the second greatest percentage losses in Delaware down 16.0 percent, nationally jobs were down 7.6 percent in the Other Services industry. The Other Services industry includes repair and maintenance, personal and laundry services, and membership organizations. Delaware jobs in Information were down 10.3 percent, the third largest percent decline. Nationally, Information jobs fell 8.2 percent. Manufacturing jobs declined 8.0 percent over-the-year, while declining 4.5 percent nationally. Professional & Business Services had over-the-year job losses, declining by 6.4 percent, while nationally jobs fell by 4.0 percent.

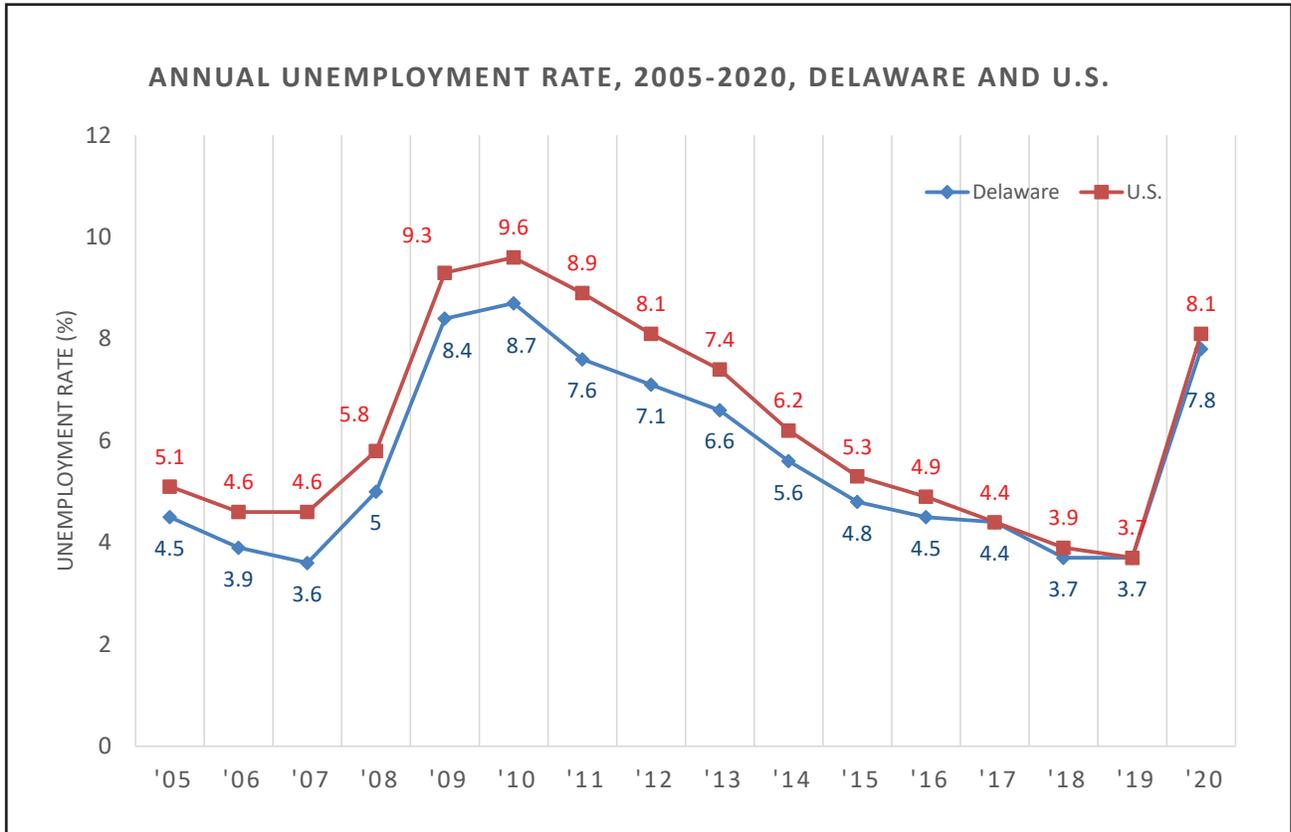
Current Employment Statistics: Comparative Job Growth

For the 12 months ending December 2020, Delaware's -5.7 percent job growth ranked 20th highest of all 50 states, tied with two other states. Due to the Coronavirus, only one state had positive job growth in 2020. Idaho was ranked 1st in job growth at 0.4 percent and Hawaii was ranked 50th in job growth with -17.7 percent over-the-year. Of interest is how Delaware's neighboring states (Maryland, Pennsylvania, and New Jersey) fared in terms of job growth. Maryland, Pennsylvania, and New Jersey all ranked below Delaware in terms of over-the-year job growth. Maryland's -6.2 percent job growth ranked 27th. Pennsylvania's job growth of -8.0 percent ranked 36th, while New Jersey's -8.4 percent job growth ranked 39th.

State	Job Growth for the 12 Months Ending December 2020	Rank (out of 50)
Idaho	0.4	1
Utah	-0.6	2
Arkansas	-2.7	3
Montana	-2.7	3
South Dakota	-2.7	3
...
Delaware	-5.7	20
...
Maryland	-6.2	27
...
Pennsylvania	-8.0	36
...
New Jersey	-8.4	39
...
Michigan	-10.0	46
Nevada	-11.4	48
New York	-11.4	48
Hawaii	-17.7	50

The Unemployment Rate

The unemployment rate is a key economic indicator of the health of the economy and one that is widely watched by the public. The Local Area Unemployment Statistics (LAUS) program is a state and federal cooperative program that generates the unemployment rate for the state, counties, and cities with population over 25,000. The unemployment rate is measure by dividing the number of unemployed by the total labor force. To be considered unemployed, one has to be not employed but actively seeking employment and available to work during the month.



In 2020, Delaware’s annual unemployment rate was 7.8 percent, 4.1 percentage points higher than the prior year mainly due to the coronavirus pandemic. Delaware’s annual unemployment rate was 0.3 of a percentage point lower than the national average’s 8.1 percent in 2020. In 2010, Delaware’s unemployment rate peaked at 8.7 percent and the U.S. unemployment rate peaked at an annual rate of 9.6 percent following one of the most severe post World War II recessions, ending in June of 2009.

Historical Local Area Unemployment Statistics for states begin in 1976. Delaware’s average annual average unemployment rate has not been higher than the U.S. unemployment rate since 1982. In 2017 and 2019, Delaware’s annual unemployment rate equaled the U.S. rate.

Comparative Unemployment Rates

The Local Area Unemployment Statistics (LAUS) program is an important Federal and State government cooperative program that produces monthly and annual data on employment, unemployment, the unemployment rate and the labor force for states, counties, and cities. The state unemployment rate data below are produced from the LAUS program.

Delaware and Neighboring States Annual Average Unemployment Rates

Delaware’s annual average unemployment rate of 7.8 percent in 2020 was ranked as the 31st lowest rate in the nation. Of Delaware’s neighboring states of Maryland, New Jersey, and Pennsylvania, only Maryland had a more favorable ranking in 2020. Maryland annual average unemployment rate of 6.8 percent ranked 23rd lowest in the nation. Pennsylvania’s annual average unemployment rate of 9.1 percent ranked 43rd lowest in the nation, while New Jersey’s rate of 9.8 percent ranked 46th lowest.



Delaware’s annual average unemployment rate increased 4.1 percentage points from 2019 to 2020. Of Delaware’s neighboring states, Maryland’s unemployment rate increased the least, rising by 3.3 percentage points. Pennsylvania’s unemployment rate increased by 4.6 percentage points, while New Jersey’s unemployment rate increased by 6.4 percentage points from the previous year. The United States annual average unemployment rate rose by 4.4 percentage points over-the-year to 8.1 percent in 2020.

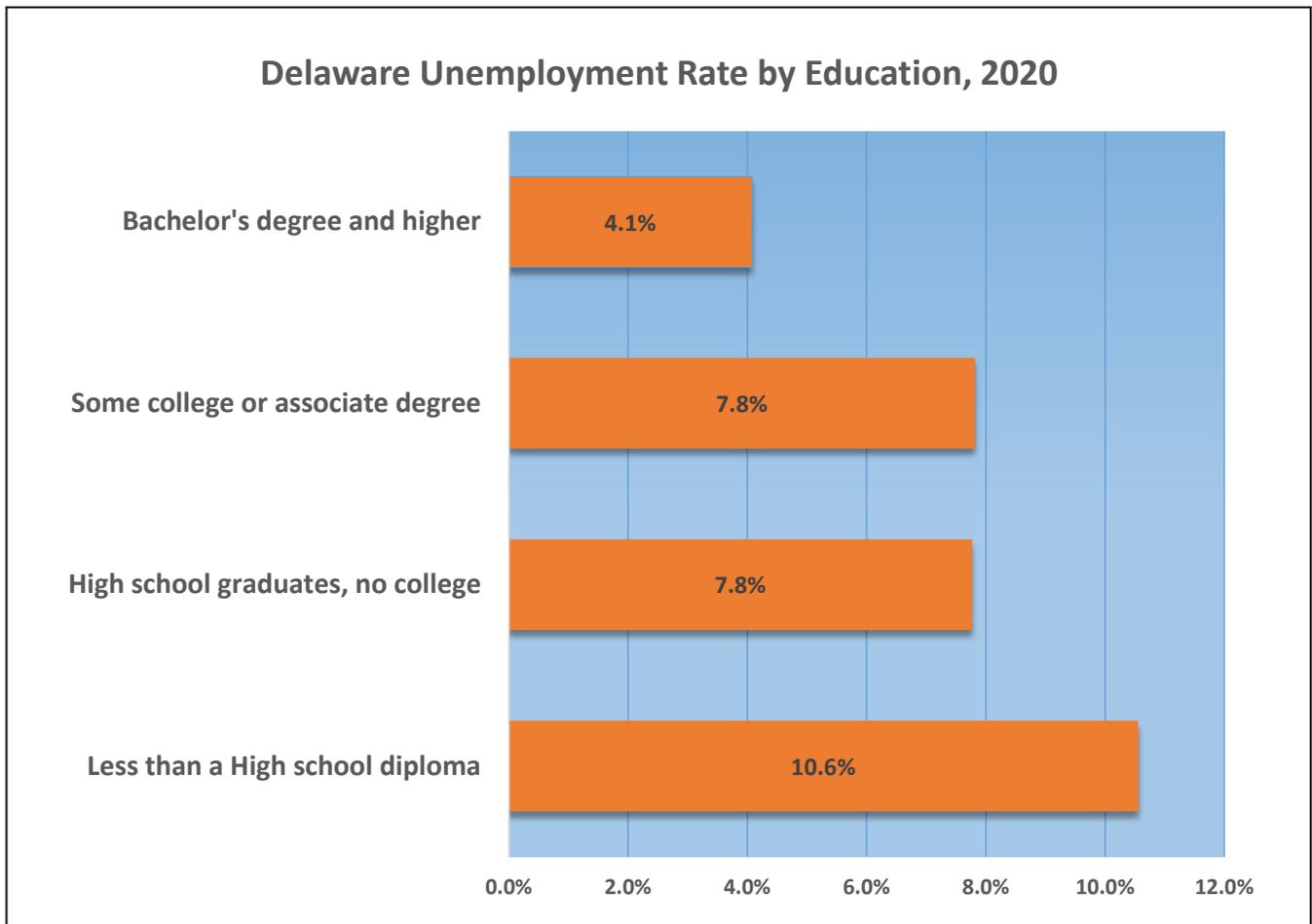
Comparative Annual Unemployment Rates

	Unemployment Rate		National Ranking*	
	2019	2020	2019	2020
Delaware	3.7	7.8	32 (t)	31 (t)
Maryland	3.5	6.8	25 (t)	23
New Jersey	3.4	9.8	23 (t)	46
Pennsylvania	4.5	9.1	44	43
United States	3.7	8.1	--	--

* Lower ranking indicates a lower rate. (t) indicates ranking was tied with other state(s).

The Unemployment Rate by Educational Attainment

In 2020, Delaware’s annual average unemployment rate for all residents was 7.8 percent. In most years the unpublished data from the Current Population Survey on the unemployment rate by educational attainment shows that those with less education are more likely on average to be unemployed than those with more education. In 2020, the average unemployment rate for those who have less than high school diploma had the highest rate of unemployment than the other educational categories. The benefits of educational attainment are not only that those with more education are usually less likely to be unemployed, but also that those with more education earn on average higher wages than those with less education. The Delaware Unemployment Rate by Education graph breaks out the unemployment rate by the highest level of education an individual has obtained for persons 25 years of age and older. The average unemployment rate in 2020 for those Delaware residents with less than a high school diploma was 10.6 percent and those with a bachelor’s degree or higher had an unemployment rate of 4.1 percent. The unemployment rate for those with Some College or an Associate’s Degree was 7.8 percent and High School Graduates with no college also had an average unemployment rate of 7.8 percent.



Data are for persons 25 and over.
Source: U.S. Bureau of Labor Statistics, Current Population Survey.

City of Wilmington Employment and Wages

The city of Wilmington is Delaware’s most populous city. Located in New Castle County, it had an estimated population of 70,898 as of April 1st, 2020. While there are monthly estimates of employment and unemployment for city residents, no program exists to collect and report data for business establishments within the city. The Quarterly Census of Employment and Wages (QCEW) program reports county and state level data, but QCEW data are not routinely generated for more detailed geographic levels. The Local Area Unemployment Statistics provides Wilmington employment data, but this is a residency-based count of employment and counts the number of residents who are employed irrespective of where they work. Here, we use the QCEW data, combined with information on the physical addresses of employers, to extract data specifically for firms and government agencies located within the city of Wilmington. The table below contains detailed industry employment data for the months of December for the years 2019 and 2020.



Wilmington Employment and Wages by Industry

Industry Name	NAICS † Code	2019		2020		Empl. Change
		Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	
Total		49,930	1,094,224,768	47,069	1,127,459,940	-2,861
Agriculture, Forestry, Fishing and Hunting	11	0	0	0	0	0
Mining	21	0	0	0	0	0
Utilities	22	*	*	*	*	*
Construction	23	1,346	28,149,656	1,147	25,301,958	-199
Construction of buildings	236	459	8,403,158	347	7,294,981	-112
Heavy and civil engineering construction	237	108	2,835,601	102	4,007,527	-6
Specialty trade contractors	238	779	16,910,897	698	13,999,450	-81
Manufacturing	31-33	857	15,651,731	828	15,488,216	-29
Food manufacturing	311	*	*	*	*	*
Beverage and tobacco product manufacturing	312	*	*	*	*	*
Textile mills	313	0	0	0	0	0
Textile product mills	314	*	*	*	*	*
Apparel manufacturing	315	0	0	0	0	0
Leather and allied product manufacturing	316	0	0	0	0	0
Wood product manufacturing	321	0	0	0	0	0
Paper manufacturing	322	0	0	0	0	0
Printing and related support activities	323	65	1,236,806	50	1,078,046	-15
Petroleum and coal products manufacturing	324	0	0	0	0	0
Chemical manufacturing	325	210	5,373,019	*	*	*
Plastics and rubber products manufacturing	326	*	*	*	*	*
Nonmetallic mineral product manufacturing	327	*	*	*	*	*
Primary metal manufacturing	331	0	0	0	0	0
Fabricated metal product manufacturing	332	91	1,813,375	81	1,675,113	-10
Machinery manufacturing	333	*	*	*	*	*
Computer and electronic product manufacturing	334	*	*	*	*	*
Electrical equipment and appliance manufacturing	335	0	0	0	0	0
Transportation equipment manufacturing	336	0	0	0	0	*
Furniture and related product manufacturing	337	*	*	*	*	*
Miscellaneous manufacturing	339	*	*	*	*	*
Wholesale Trade	42	372	7,549,612	447	9,637,646	75
Merchant wholesalers, durable goods	423	252	5,884,538	273	7,067,695	21
Merchant wholesalers, nondurable goods	424	109	1,409,780	*	*	*
Electronic markets and agents and brokers	425	11	255,294	*	*	*
Retail Trade	44-45	1,955	19,716,478	1,810	20,804,921	-145
Motor vehicle and parts dealers	441	566	8,587,569	526	8,867,738	-40

Wilmington Employment and Wages by Industry

Industry Name	NAICS † Code	2019		2020		Empl. Change
		Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	
Furniture and home furnishings stores	442	67	1,316,571	*	*	*
Electronics and appliance stores	443	30	564,960	31	561,724	1
Building material and garden supply stores	444	21	225,928	22	221,356	1
Food and beverage stores	445	518	3,729,418	527	4,603,502	9
Health and personal care stores	446	217	2,131,933	199	2,183,451	-18
Gasoline stations	447	28	128,332	41	217,544	13
Clothing and clothing accessories stores	448	176	933,644	148	854,311	-28
Sports, hobby, music instrument, book stores	451	33	212,514	*	*	*
General merchandise stores	452	168	754,194	99	525,446	-69
Miscellaneous store retailers	453	101	685,015	93	700,157	-8
Nonstore retailers	454	30	446,400	*	*	*
Transportation and Warehousing	48-49	1,388	18,709,370	1,163	16,718,829	-225
Air transportation	481	*	*	*	*	*
Water transportation	483	*	*	*	*	*
Truck transportation	484	84	1,377,103	41	682,488	-43
Transit and ground passenger transportation	485	47	360,487	*	*	*
Pipeline transportation	486	0	0	0	0	0
Scenic and sightseeing transportation	487	*	*	*	*	*
Support activities for transportation	488	1,125	15,164,595	932	13,518,116	-193
Couriers and messengers	492	*	*	*	*	*
Warehousing and storage	493	60	768,340	83	1,323,813	23
Information	51	345	5,880,526	306	7,204,629	-39
Publishing industries, except Internet	511	57	1,083,368	*	*	*
Motion picture and sound recording industries	512	42	123,763	*	*	*
Broadcasting, except Internet	515	*	*	*	*	*
Telecommunications	517	192	3,905,603	*	*	*
Data processing, hosting and related services	518	*	*	*	*	*
Other information services	519	*	*	*	*	*
Finance and Insurance	52	11,872	334,140,970	11,445	343,257,419	-427
Monetary authorities - central bank	521	0	0	0	0	0
Credit intermediation and related activities	522	7,182	202,146,915	6,921	204,153,014	-261
Securities, commodity contracts, investments	523	3,582	105,399,910	3,430	111,910,532	-152
Insurance carriers and related activities	524	1,108	26,594,145	*	*	*
Funds, trusts, and other financial vehicles	525	0	0	*	*	*
Real Estate and Rental and Leasing	53	890	15,648,663	805	15,598,596	-85
Real estate	531	690	13,271,900	*	*	*

Wilmington Employment and Wages by Industry

Industry Name	NAICS †	2019		2020		Empl. Change
		Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	
Rental and leasing services	532	200	2,376,763	*	*	*
Lessors of nonfinancial intangible assets	533	0	0	0	0	*
Professional and Technical Services	54	5,744	272,513,745	5,505	294,704,964	-239
Management of Companies and Enterprises	55	2,762	96,919,554	2,833	105,578,403	71
Administrative and Waste Services	56	2,110	31,172,980	2,003	30,368,017	-107
Administrative and support services	561	1,993	29,455,857	*	*	*
Waste management and remediation services	562	117	1,717,123	*	*	*
Educational Services	61	734	7,713,370	739	7,877,281	5
Health Care and Social Assistance	62	5,912	68,947,506	5,652	71,048,216	-260
Ambulatory health care services	621	1,292	22,503,381	1,425	26,009,528	133
Hospitals	622	*	*	*	*	*
Nursing and residential care facilities	623	*	*	*	*	*
Social assistance	624	2,238	14,249,910	2,042	14,690,987	-196
Arts, Entertainment, and Recreation	71	727	3,910,627	372	2,835,385	-355
Performing arts and spectator sports	711	354	1,952,099	88	953,509	-266
Museums, historical sites, zoos, and parks	712	134	1,028,225	*	*	*
Amusements, gambling, and recreation	713	239	930,303	*	*	*
Accommodation and Food Services	72	2,002	13,470,264	1,528	10,620,493	-474
Accommodation	721	86	1,051,405	74	1,079,259	-12
Food services and drinking places	722	1,916	12,418,859	1,454	9,541,234	-462
Other Services, Except Public Administration	81	1,214	12,008,424	1,060	11,576,145	-154
Repair and maintenance	811	177	2,290,655	178	2,516,669	1
Personal and laundry services	812	446	3,228,697	395	3,154,263	-51
Membership associations and organizations	813	564	6,258,270	467	5,725,303	-97
Private households	814	27	230,802	20	179,910	-7
Federal Government	Fed	954	20,102,784	945	18,857,168	-9
State Government	State	5,144	61,429,173	4,978	62,115,783	-166
Local Government	Local	2,986	43,410,780	2,900	40,451,311	-86
Total Government	Govt	9,084	124,942,737	8,823	121,424,262	-261

An asterisk (*) represents data that cannot be released due to employer confidentiality restrictions.

† North American Industry Classification System

City of Dover Employment and Wages

The city of Dover is Delaware's second most populous city. Located in Kent County, it had an estimated population of 39,403 as of April 1st, 2020. While there are monthly estimates of employment and unemployment for city residents, no program exists to collect and report data for business establishments within the city. The Quarterly Census of Employment and Wages (QCEW) program reports county and state level data, but QCEW data are not routinely generated for more detailed geographic levels. The Local Area Unemployment Statistics provides Dover employment data, but this is a residency-based count of employment and counts the number of residents who are employed irrespective of where they work. Here, we use the QCEW data, combined with information on the physical addresses of employers, to extract data specifically for firms and government agencies located within the city of Dover. The table below contains detailed industry employment data for the month of December for the years 2019 and 2020.



Dover Employment and Wages by Industry

		2019		2020		
Industry Name	NAICS † Code	Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	Empl. Change
	Total	33,462	412,134,262	31,379	454,638,684	-2,083
Agriculture, Forestry, Fishing and Hunting	11	0	0	0	0	0
Mining	21	0	0	0	0	0
Utilities	22	*	*	269	6,357,185	*
Construction	23	580	9,149,688	556	8,497,410	-24
Construction of buildings	236	*	*	*	*	*
Heavy and civil engineering construction	237	*	*	*	*	*
Specialty trade contractors	238	170	2,653,494	179	2,793,995	9
Manufacturing	31-33	1,614	27,030,046	1,603	32,514,043	-11
Food manufacturing	311	*	*	*	*	*
Beverage and tobacco product manufacturing	312	*	*	*	*	*
Textile mills	313	0	0	0	0	0
Textile product mills	314	*	*	*	*	*
Apparel manufacturing	315	0	0	0	0	*
Leather and allied product manufacturing	316	0	0	0	0	0
Wood product manufacturing	321	0	0	0	0	0
Paper manufacturing	322	*	*	*	*	*
Printing and related support activities	323	*	*	*	*	*
Petroleum and coal products manufacturing	324	0	0	0	0	0
Chemical manufacturing	325	*	*	*	*	*
Plastics and rubber products manufacturing	326	0	0	0	0	0
Nonmetallic mineral product manufacturing	327	*	*	*	*	*
Primary metal manufacturing	331	*	*	*	*	*
Fabricated metal product manufacturing	332	*	*	*	*	*
Machinery manufacturing	333	0	0	0	0	0
Computer and electronic product manufacturing	334	0	0	0	0	*
Electrical equipment and appliance manufacturing	335	0	0	0	0	0
Transportation equipment manufacturing	336	*	*	*	*	*
Furniture and related product manufacturing	337	*	*	*	*	*
Miscellaneous manufacturing	339	*	*	*	*	*
Wholesale Trade	42	229	3,192,978	255	3,335,940	26
Merchant wholesalers, durable goods	423	184	2,635,510	195	2,578,985	11
Merchant wholesalers, nondurable goods	424	45	557,468	*	*	*
Electronic markets and agents and brokers	425	0	0	*	*	*
Retail Trade	44-45	3,863	24,647,404	3,343	25,050,962	-520
Motor vehicle and parts dealers	441	495	6,426,293	396	6,043,588	-99

Dover Employment and Wages by Industry

Industry Name	NAICS † Code	2019		2020		Empl. Change
		Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	
Furniture and home furnishings stores	442	160	1,309,666	119	915,301	-41
Electronics and appliance stores	443	201	1,718,834	105	993,425	-96
Building material and garden supply stores	444	264	2,024,033	*	*	*
Food and beverage stores	445	243	1,136,841	241	1,074,131	-2
Health and personal care stores	446	306	2,232,178	277	2,468,304	-29
Gasoline stations	447	*	*	*	*	*
Clothing and clothing accessories stores	448	595	1,938,919	433	1,876,859	-162
Sports, hobby, music instrument, book stores	451	144	604,125	144	840,018	0
General merchandise stores	452	1,050	4,996,053	908	5,575,331	-142
Miscellaneous store retailers	453	155	805,436	146	693,578	-9
Nonstore retailers	454	*	*	*	*	*
Transportation and Warehousing	48-49	234	1,799,440	232	2,072,342	-2
Air transportation	481	0	0	0	0	0
Water transportation	483	0	0	0	0	0
Truck transportation	484	94	719,692	101	875,354	7
Transit and ground passenger transportation	485	81	428,797	*	*	*
Pipeline transportation	486	0	0	0	0	0
Scenic and sightseeing transportation	487	0	0	0	0	0
Support activities for transportation	488	*	*	48	563,042	*
Couriers and messengers	492	*	*	*	*	*
Warehousing and storage	493	*	*	*	*	*
Information	51	195	2,768,000	*	*	*
Publishing industries, except Internet	511	*	*	*	*	*
Motion picture and sound recording industries	512	*	*	*	*	*
Broadcasting, except Internet	515	*	*	*	*	*
Telecommunications	517	*	*	*	*	*
Data processing, hosting and related services	518	*	*	*	*	*
Other information services	519	*	*	*	*	*
Finance and Insurance	52	682	13,543,808	677	16,912,801	-5
Monetary authorities - central bank	521	0	0	0	0	0
Credit intermediation and related activities	522	556	10,034,671	495	10,889,476	-61
Securities, commodity contracts, investments	523	54	1,865,288	*	*	*
Insurance carriers and related activities	524	72	1,643,849	124	3,932,593	52
Funds, trusts, and other financial vehicles	525	0	0	*	*	*
Real Estate and Rental and Leasing	53	206	2,167,384	179	2,291,804	-27
Real estate	531	112	1,343,704	125	1,625,223	13

Dover Employment and Wages by Industry

Industry Name	NAICS † Code	2019		2020		Empl. Change
		Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	
Rental and leasing services	532	94	823,680	54	666,581	-40
Lessors of nonfinancial intangible assets	533	0	0	0	0	0
Professional and Technical Services	54	869	18,602,195	1,093	26,732,874	224
Management of Companies and Enterprises	55	*	*	*	*	*
Administrative and Waste Services	56	926	11,696,542	1,653	24,221,704	727
Administrative and support services	561	*	*	*	*	*
Waste management and remediation services	562	*	*	*	*	*
Educational Services	61	407	5,252,700	436	4,947,889	29
Health Care and Social Assistance	62	7,090	97,357,852	6,822	105,035,481	-268
Ambulatory health care services	621	2,303	35,164,397	2,168	40,128,876	-135
Hospitals	622	*	*	*	*	*
Nursing and residential care facilities	623	*	*	*	*	*
Social assistance	624	1,207	8,507,639	1,112	8,662,304	-95
Arts, Entertainment, and Recreation	71	526	6,028,401	314	1,772,381	-212
Performing arts and spectator sports	711	*	*	*	*	*
Museums, historical sites, zoos, and parks	712	*	*	*	*	*
Amusements, gambling, and recreation	713	446	1,885,500	291	1,581,623	-155
Accommodation and Food Services	72	3,495	20,554,675	1,878	8,714,080	-1,617
Accommodation	721	1,394	10,959,642	182	901,916	-1,212
Food services and drinking places	722	2,101	9,595,033	1,696	7,812,164	-405
Other Services, Except Public Administration	81	851	6,924,948	721	7,032,066	-130
Repair and maintenance	811	134	1,065,774	*	*	*
Personal and laundry services	812	440	3,058,864	344	2,710,771	-96
Membership associations and organizations	813	268	2,758,149	209	2,775,887	-59
Private households	814	9	42,161	*	*	*
Federal Government	Fed	1,293	22,191,687	1,308	24,330,015	15
State Government	State	7,739	99,007,431	7,511	115,418,841	-228
Local Government	Local	2,061	25,701,680	2,047	28,923,631	-14
Total Government	Govt	11,093	146,900,798	10,866	168,672,487	-227

An asterisk (*) represents data that cannot be released due to employer confidentiality restrictions.

† North American Industry Classification System

City of Newark Employment and Wages

The city of Newark is Delaware’s third most populous city. Located in New Castle County, it had an estimated population of 30,601 as of April 1st, 2020. While there are monthly estimates of employment and unemployment for city residents, no program exists to collect and report data for business establishments within the city. The Quarterly Census of Employment and Wages (QCEW) program reports county and state level data, but QCEW data are not routinely generated for more detailed geographic levels. The Local Area Unemployment Statistics provides Newark employment data, but this is a residency-based count of employment and counts the number of residents who are employed irrespective of where they work. Here, we use the QCEW data, combined with information on the physical addresses of employers, to extract data specifically for firms and government agencies located within the city of Newark. The table below contains detailed industry employment data for the month of December for the years 2019 and 2020.



Newark Employment and Wages by Industry

Industry Name	NAICS † Code	2019		2020		Empl. Change
		Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	
Total	Total	19,280	303,916,346	17,480	298,735,114	-1,800
Agriculture, Forestry, Fishing and Hunting	11	*	*	*	*	*
Mining	21	0	0	0	0	0
Utilities	22	0	0	0	0	0
Construction	23	575	10,229,424	490	9,253,108	-85
Construction of buildings	236	*	*	*	*	*
Heavy and civil engineering construction	237	0	0	0	0	0
Specialty trade contractors	238	*	*	*	*	*
Manufacturing	31-33	1,478	30,446,185	1,219	27,647,255	-259
Food manufacturing	311	*	*	*	*	*
Beverage and tobacco product manufacturing	312	0	0	0	0	0
Textile mills	313	*	*	*	*	*
Textile product mills	314	*	*	*	*	*
Apparel manufacturing	315	*	*	*	*	*
Leather and allied product manufacturing	316	0	0	0	0	0
Wood product manufacturing	321	0	0	0	0	0
Paper manufacturing	322	0	0	0	0	0
Printing and related support activities	323	*	*	*	*	*
Petroleum and coal products manufacturing	324	0	0	0	0	0
Chemical manufacturing	325	*	*	*	*	*
Plastics and rubber products manufacturing	326	*	*	*	*	*
Nonmetallic mineral product manufacturing	327	0	0	0	0	0
Primary metal manufacturing	331	0	0	0	0	0
Fabricated metal product manufacturing	332	53	1,316,755	52	1,267,161	-1
Machinery manufacturing	333	*	*	*	*	*
Computer and electronic product manufacturing	334	*	*	*	*	*
Electrical equipment and appliance manufacturing	335	*	*	*	*	*
Transportation equipment manufacturing	336	*	*	*	*	*
Furniture and related product manufacturing	337	*	*	*	*	*
Miscellaneous manufacturing	339	*	*	*	*	*
Wholesale Trade	42	273	4,572,446	280	5,428,967	7
Merchant wholesalers, durable goods	423	151	2,682,723	154	3,196,949	3
Merchant wholesalers, nondurable goods	424	*	*	*	*	*
Electronic markets and agents and brokers	425	*	*	*	*	*
Retail Trade	44-45	2,678	23,956,488	2,454	24,678,143	-224
Motor vehicle and parts dealers	441	1,030	14,196,100	865	13,752,441	-165

Newark Employment and Wages by Industry

Industry Name	NAICS † Code	2019		2020		Empl. Change
		Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	
Furniture and home furnishings stores	442	*	*	*	*	*
Electronics and appliance stores	443	*	*	*	*	*
Building material and garden supply stores	444	*	*	*	*	*
Food and beverage stores	445	374	2,347,713	421	2,925,996	47
Health and personal care stores	446	112	908,203	98	989,436	-14
Gasoline stations	447	18	119,457	23	110,184	5
Clothing and clothing accessories stores	448	129	543,904	*	*	*
Sports, hobby, music instrument, book stores	451	297	1,599,109	242	1,525,629	-55
General merchandise stores	452	*	*	*	*	*
Miscellaneous store retailers	453	64	593,036	61	522,329	-3
Nonstore retailers	454	*	*	21	314,901	*
Transportation and Warehousing	48-49	*	*	150	1,799,670	*
Air transportation	481	0	0	0	0	0
Water transportation	483	0	0	0	0	0
Truck transportation	484	101	1,134,496	116	1,486,327	15
Transit and ground passenger transportation	485	0	0	0	0	0
Pipeline transportation	486	*	*	*	*	*
Scenic and sightseeing transportation	487	0	0	0	0	0
Support activities for transportation	488	*	*	*	*	*
Couriers and messengers	492	0	0	0	0	0
Warehousing and storage	493	*	*	*	*	*
Information	51	68	1,737,245	58	1,063,852	-10
Publishing industries, except Internet	511	*	*	*	*	*
Motion picture and sound recording industries	512	*	*	*	*	*
Broadcasting, except Internet	515	0	0	0	0	0
Telecommunications	517	*	*	*	*	*
Data processing, hosting and related services	518	*	*	*	*	*
Other information services	519	0	0	0	0	0
Finance and Insurance	52	320	4,491,212	320	4,938,702	0
Monetary authorities - central bank	521	0	0	0	0	0
Credit intermediation and related activities	522	292	3,962,971	292	4,337,862	0
Securities, commodity contracts, investments	523	*	*	*	*	*
Insurance carriers and related activities	524	*	*	*	*	*
Funds, trusts, and other financial vehicles	525	*	*	0	0	*
Real Estate and Rental and Leasing	53	119	1,440,464	139	1,677,445	20
Real estate	531	*	*	*	*	*

Newark Employment and Wages by Industry

Industry Name	NAICS †	2019		2020		Empl. Change
		Dec. Empl.	4th Quarter Wages	Dec. Empl.	4th Quarter Wages	
Rental and leasing services	532	*	*	*	*	*
Lessors of nonfinancial intangible assets	533	0	0	0	0	0
Professional and Technical Services	54	1,118	20,572,359	1,145	25,861,995	27
Management of Companies and Enterprises	55	79	1,322,032	*	*	*
Administrative and Waste Services	56	419	4,730,932	320	5,097,693	-99
Administrative and support services	561	*	*	*	*	*
Waste management and remediation services	562	*	*	*	*	*
Educational Services	61	53	508,543	53	447,982	0
Health Care and Social Assistance	62	602	7,300,188	713	8,568,323	111
Ambulatory health care services	621	245	4,505,948	271	4,967,231	26
Hospitals	622	0	0	0	0	0
Nursing and residential care facilities	623	*	*	*	*	*
Social assistance	624	*	*	*	*	*
Arts, Entertainment, and Recreation	71	112	507,537	65	421,215	-47
Performing arts and spectator sports	711	*	*	*	*	*
Museums, historical sites, zoos, and parks	712	*	*	*	*	*
Amusements, gambling, and recreation	713	110	426,726	*	*	*
Accommodation and Food Services	72	3,333	18,770,085	2,257	12,331,550	-1,076
Accommodation	721	717	5,065,533	308	2,730,611	-409
Food services and drinking places	722	2,616	13,704,552	1,949	9,600,939	-667
Other Services, Except Public Administration	81	264	4,531,541	354	4,408,016	90
Repair and maintenance	811	32	445,877	70	769,823	38
Personal and laundry services	812	57	475,855	143	907,150	86
Membership associations and organizations	813	171	3,595,667	134	2,689,502	-37
Private households	814	4	14,142	7	41,541	3
Federal Government	Fed	138	2,455,560	127	2,448,028	-11
State Government	State	6,574	152,105,183	6,400	148,556,940	-174
Local Government	Local	945	12,479,188	866	12,585,628	-79
Total Government	Govt	7,657	167,039,931	7,393	163,590,596	-264

An asterisk (*) represents data that cannot be released due to employer confidentiality restrictions.

† North American Industry Classification System

State of Delaware Business Employment Dynamics

Business Employment Dynamics (BED) measures the gross job gains and gross job losses at privately-owned businesses in the economy on a quarterly basis. Gross job gains are increases in employment from expanding and opening establishments and gross job losses are decreases in employment from contracting and closing establishments. The net change in employment is the difference between gross job gains and gross job losses. BED allows a look at the dynamic flows in the labor market which underlay the more commonly reported net job change. While there are typically still gross job gains even during recessions and gross job losses during expansions, the net job change is typically negative in recessions and positive in expansions.

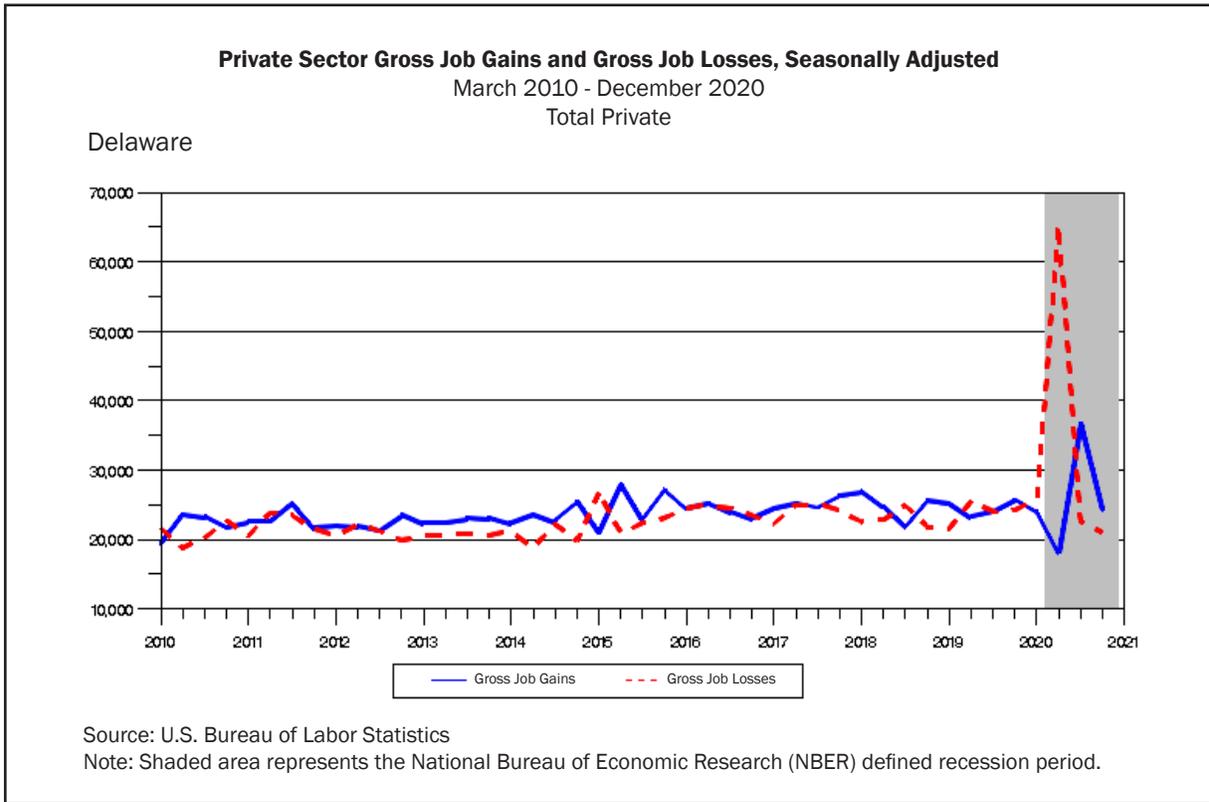
BED also measures the number of establishments with gross job gains at either expanding or opening establishments and the number of establishments with gross job losses at either contracting or closing establishments. An establishment is defined as an economic unit that produces goods or services, while a firm or company may consist of one establishment or multiple establishments at several locations.

BED data are derived from the Quarterly Census of Employment and Wages (QCEW) program, linking administrative Unemployment Insurance establishment data across time. The employment changes in the BED are measured from the third month of each quarter. All the data referenced in this article are seasonally adjusted.



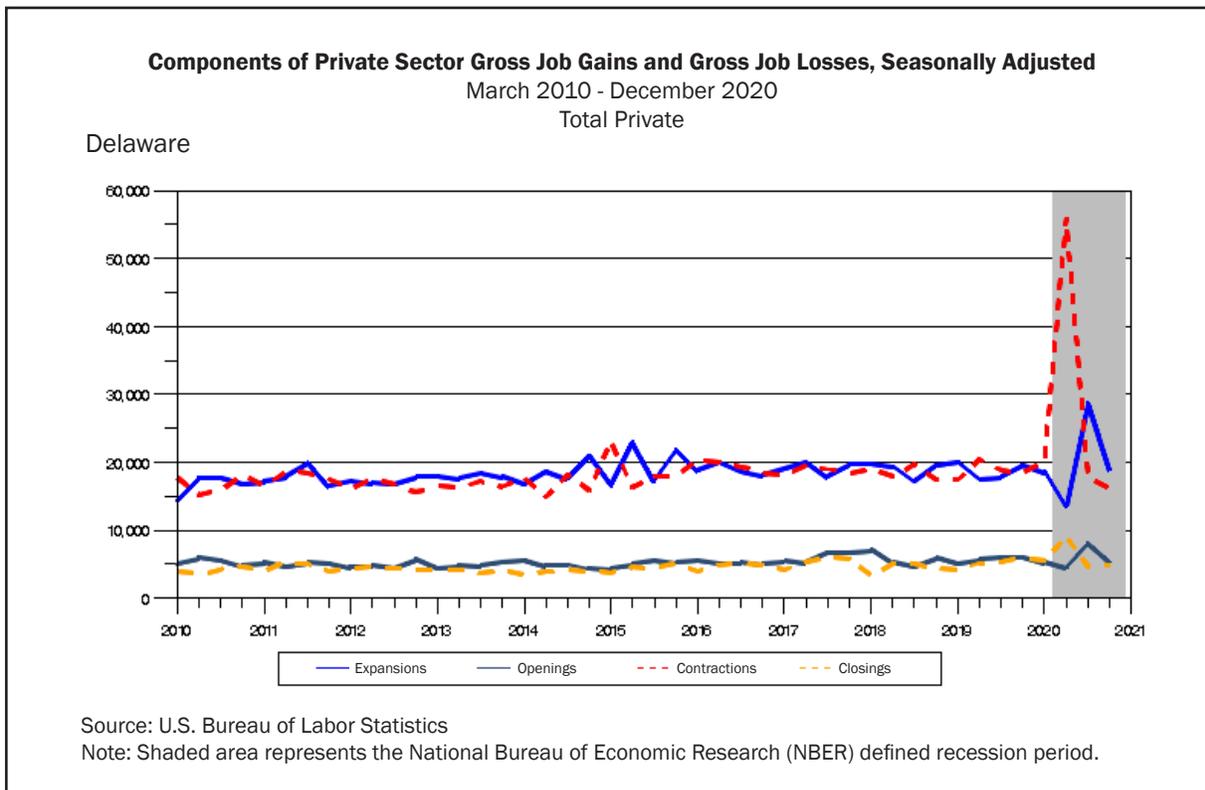
Delaware Business Employment Dynamics – 4th Quarter, 2020

In the fourth quarter of 2020 there were 24,382 gross job gains at opening and expanding establishments in Delaware. At the same time, there were 20,987 job losses from closing and contracting establishments. Expanding and contracting establishments accounted for most of the jobs gained and lost. The net job change, i.e., the difference between total gross job gains and total gross job losses, increased 1,988 from the fourth quarter of 2019.



Trends in Gross Job Gains and Job Losses

Opening and expanding private sector business establishments in Delaware gained 24,382 jobs in the fourth quarter of 2020, or -1,401 less than in the fourth quarter of 2019. In the fourth quarter of 2020, expanding establishments added 18,983 jobs, while opening establishments added 5,399. Gross job gains were smaller than in the previous year at expanding establishments (-666) and opening establishments (-735).



Gross job losses totaled 20,987 in the fourth quarter of 2020, down by 3,389 from the fourth quarter, 2019. In the fourth quarter of 2020, contracting establishments lost 16,114 jobs, while closing establishments accounted for a loss of 4,873 jobs. Gross job losses were smaller than in the previous year at contracting establishments (-2,299) and closing establishments (-1,090).

Table A: Delaware 3-month private sector gross job gains and losses, seasonally adjusted

Category	3 months ended				
	Dec. 2019	Mar. 2020	Jun. 2020	Sept. 2020	Dec. 2020
	Levels				
Gross job gains	25,783	23,973	18,225	36,761	24,382
At expanding establishments	19,649	18,698	13,639	28,688	18,983
At opening establishments	6,134	5,275	4,586	8,073	5,399
Gross job losses	24,376	25,771	65,213	22,666	20,987
At contracting establishments	18,413	20,220	56,043	18,027	16,114
At closing establishments	5,963	5,551	9,170	4,639	4,873
Net employment change*	1,407	-1,798	-46,988	14,095	3,395

* The net employment change is the difference between total gross job gains and total gross job losses.

Rates of Gross Job Gains and Gross Job Losses

In the fourth quarter of 2020, Delaware's gross job gains represented 6.7 percent of private sector employment. This was less than the national rate of gross job gains of 7.4 percent. Delaware's gross job gains at expanding establishments represented 5.2 percent of private sector employment, and gross job gains at opening establishments represented 1.5 percent. Nationally this quarter, gross job gains at expanding establishment represented 6.0 percent of private sector employment, and at opening establishments represented 1.4 percent.

In the fourth quarter of 2020, Delaware's gross job losses represented 5.7 percent of private sector employment. This was the same as the national rate of gross job losses of 5.7 percent. Delaware's gross job losses at contracting establishments represented 4.4 percent of private sector employment, which was less than the national rate at contracting establishments of 4.6 percent. The rate of gross job losses at closing establishments was 1.3 percent for Delaware, while the nation had 1.1 percent gross job losses at closing establishments. The rates of gross job gains and losses provide a picture of the amount of "job churning" that occurs in the labor market.

Table B: Delaware and U.S. 3-month private sector gross job gains and losses as a percent of employment, seasonally adjusted

Category	3 months ended				
	Dec. 2019	Mar. 2020	Jun. 2020	Sep. 2020	Dec. 2020
Total Private for State of Delaware	Rates (percent)				
Gross job gains	6.7	6.2	4.9	10.3	6.7
At expanding establishments	5.1	4.8	3.7	8.0	5.2
At opening establishments	1.6	1.4	1.2	2.3	1.5
Gross job losses	6.2	6.6	17.7	6.3	5.7
At contracting establishments	4.7	5.2	15.2	5.0	4.4
At closing establishments	1.5	1.4	2.5	1.3	1.3
Net employment change*	0.5	-0.4	-12.8	4.0	1.0
Total Private for U.S. as a whole	Rates (percent)				
Gross job gains	6.2	5.5	4.8	9.4	7.4
At expanding establishments	5.0	4.5	3.7	7.6	6.0
At opening establishments	1.2	1.0	1.1	1.8	1.4
Gross job losses	5.5	6.1	17.0	6.0	5.7
At contracting establishments	4.5	5.0	14.6	4.8	4.6
At closing establishments	1.0	1.1	2.4	1.2	1.1
Net employment change*	0.7	-0.6	-12.2	3.4	1.7

* The net employment change is the difference between total gross job gains and total gross job losses.

Number of Establishments Gaining and Losing Employment

Another way to observe the dynamics of employment change is to count the number of establishments that opened, closed, expanded, or contracted during the quarter. Out of 35,646 active private sector establishments, a total of 6,527 establishments gained jobs in the fourth quarter of 2020. (See table C.) Of these, 4,868 were expanding establishments and 1,659 were opening establishments. During the fourth quarter of 2020, 5,710 establishments lost jobs. Of these, 4,423 were contracting establishments and 1,287 were closing establishments. The statistics from tables A and C indicate that the average expanding establishment added 3.9 jobs during the quarter and the average contracting establishment lost 3.6 jobs during the quarter.



Table C: Delaware’s number of private sector establishments by direction of employment change, seasonally adjusted

Category	3 months ended				
	Dec. 2019	Mar. 2020	Jun. 2020	Sep. 2020	Dec. 2020
Establishments gaining jobs.....	6,253	6,089	4,394	8,123	6,527
Expanding establishments.....	4,802	4,742	3,064	5,893	4,868
Opening establishments.....	1,451	1,347	1,330	2,230	1,659
Establishments losing jobs.....	6,365	6,194	10,097	5,141	5,710
Contracting establishments.....	4,812	4,773	7,955	3,907	4,423
Closing establishments.....	1,553	1,421	2,142	1,234	1,287
Net establishment change*.....	-102	-74	-812	996	372

* The net establishment change is the difference between the number of opening establishments and the number of closing establishments.

Delaware Personal Income

Personal income data is produced by the Bureau of Economic Analysis and is a broad measure of the economic activity of an area. The most recent state level personal income data available is for 2019 and all of the nominal dollar values have been deflated by the Bureau of Labor Statistics' Philadelphia-Camden-Wilmington Consumer Price Index for All Urban Consumers and converted to constant 2019 dollars.

Personal income is the total amount of compensation that an individual receives. It is income from having job or owning a business, investment income, and income from transfer payments, such as Social Security and Medicare. Per capita personal income is the total personal income of an area divided by the total resident population of that area.

Delaware Real Per Capita Income in Constant 2019 Dollars

	2014	2015	2016	2017	2018	2019
Per Capita Personal Income	\$48,329	\$50,487	\$51,034	\$52,412	\$53,911	\$54,323
Per Capita Earned Income	\$29,870	\$31,068	\$31,076	\$31,438	\$32,590	\$32,994
Per Capita Investment Income	\$8,886	\$9,305	\$9,574	\$10,177	\$10,258	\$9,993
Per Capita Transfer Payments	\$9,572	\$10,113	\$10,385	\$10,798	\$11,062	\$11,336

Source: Bureau of Economic Analysis. Nominal income deflated using the Philadelphia- Camden-Wilmington CPI-U from the Bureau of Labor Statistics.

In 2019, Delaware's per capita personal income was \$54,323. With data going back to 1958, the peak year for real per capita income was in 2019. Prior to 2019, the peak years in per capita income were 2018, 2017, followed by 2002 at \$52,314. Real per capita income increased by 0.8 percent in 2019, the sixth consecutive increase since 2013 when real per capita income declined -0.6 percent.

The largest share of personal income comes from earned income. Earned income is wages that come from a job or proprietors' income from owning a business. In 2019, 60.7 percent of all Delaware personal income was from earned income, which was well below the peak share of 77.4 percent in 1973. Per capita earned income in Delaware was \$32,994 in 2019. Adjusting for inflation, real per capita earned income was up 1.2 percent in 2019.

Investment income is income received from dividends, interest, and rent. As a percentage of Delaware personal income, investment income's share in 2019 was 18.4 percent, which was slightly below the average share of 18.6 percent since 1958. Per capita investment income was \$9,993 in Delaware for 2019. Real per capita investment income declined steeply during the Great Recession, down 10.5 percent in 2009 and 5.3 percent in 2010. Reductions in dividend income due to stock market declines and a low interest rate environment caused investment income to decline from 2008 to 2010. In 2011 and 2012, real per capita interest income had recovered mostly due to dividend income and increased by 6.5 percent and 3.2 percent, respectively. From 2014 to 2019, real per capita investment income was up 12.5 percent.

Transfer payments are income that persons receive for which no current service is performed. Social Security, Medicare and Medicaid, income support programs, and unemployment insurance are all examples of government programs that provide transfer payments. Real per capita transfer payments were \$11,336 in 2019. As a percentage of Delaware personal income, transfer payments share in 2019 was 20.9 percent. Real per capita transfer payments exceeded real per capita investment income for the first time in 2009 and has exceeded it every year since. From 2014 to 2019, real per capita transfer payments increased 18.4 percent.

Delaware Real Per Capita Income, Percent Change from Previous Year

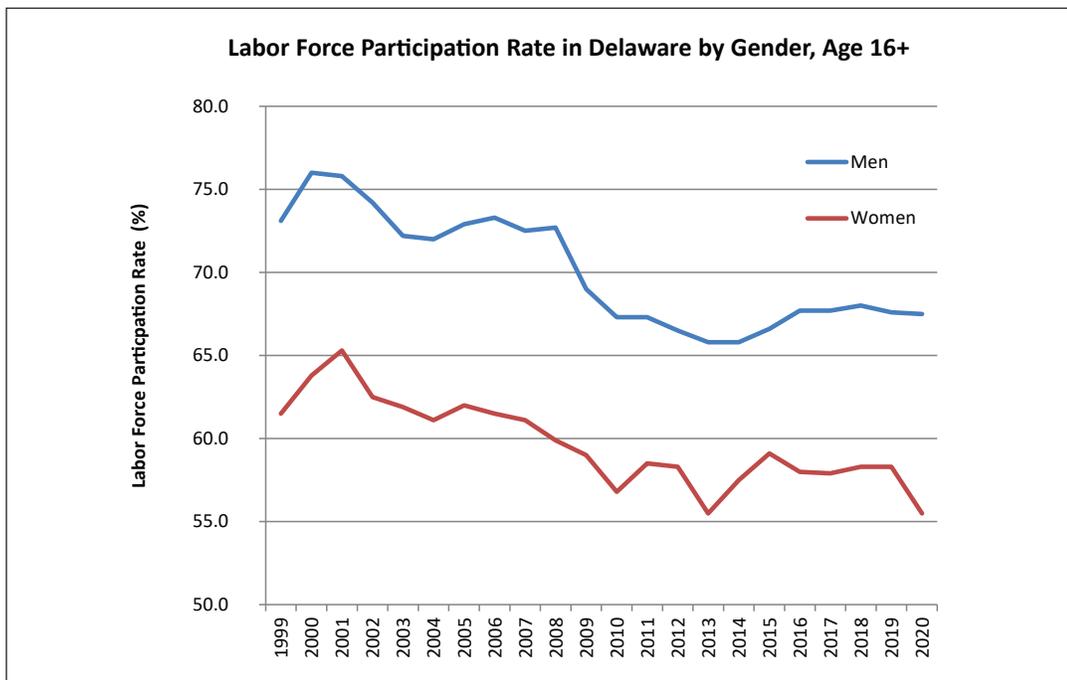
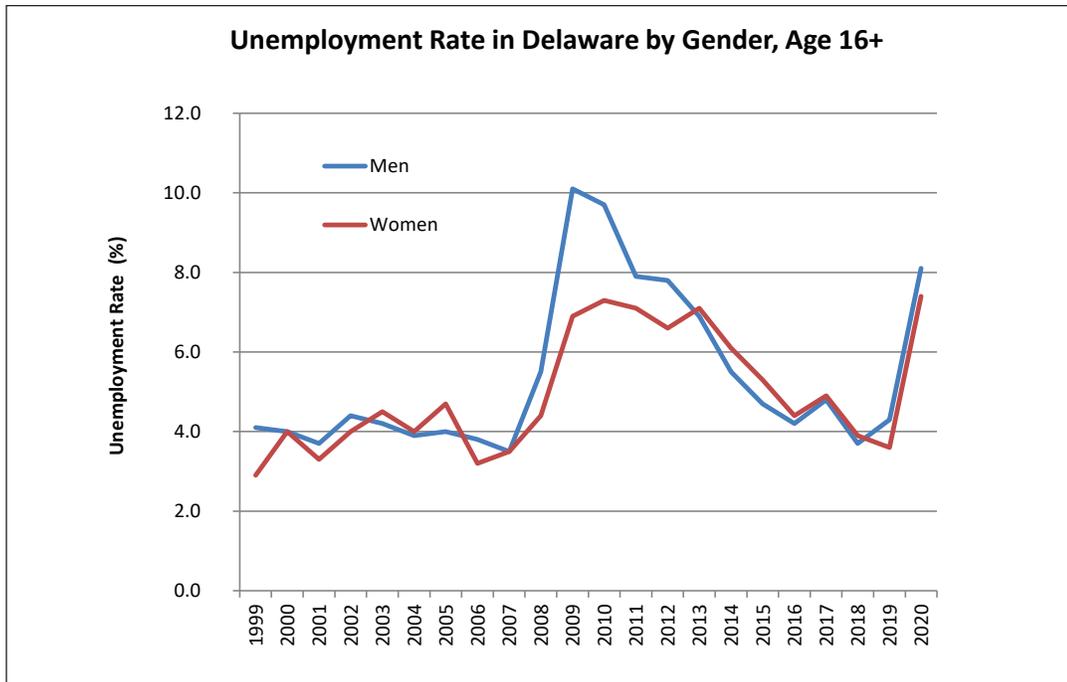
	2014	2015	2016	2017	2018	2019
Per Capita Personal Income	2.4%	4.5%	1.1%	2.7%	2.9%	0.8%
Per Capita Earned Income	1.1%	4.0%	0.0%	1.2%	3.7%	1.2%
Per Capita Investment Income	6.0%	4.7%	2.9%	6.3%	0.8%	-2.6%
Per Capita Transfer Payments	3.3%	5.7%	2.7%	4.0%	2.4%	2.5%

Source: Bureau of Economic Analysis. Bureau of Labor Statistics.

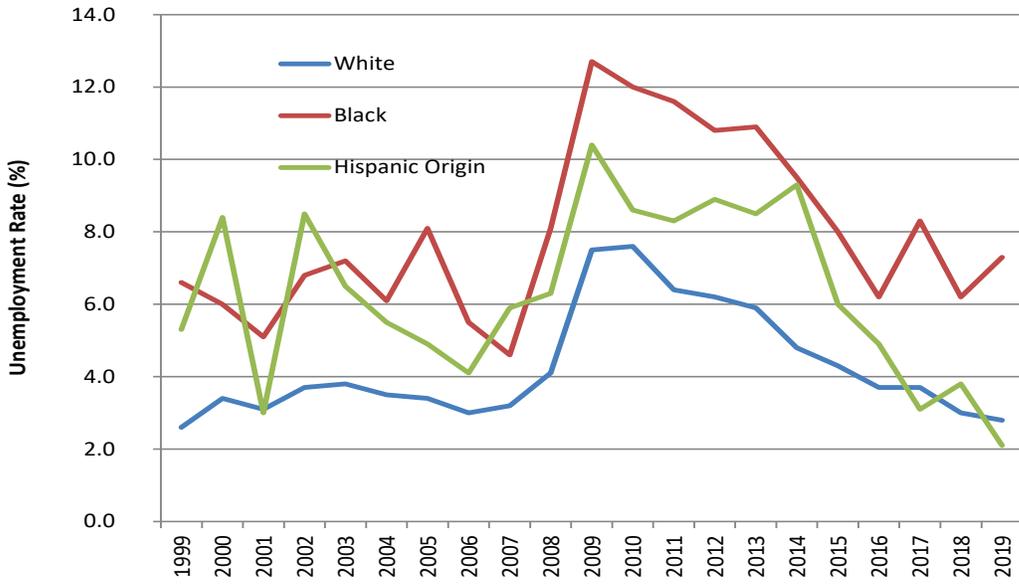


Current Population Survey Demographic Data

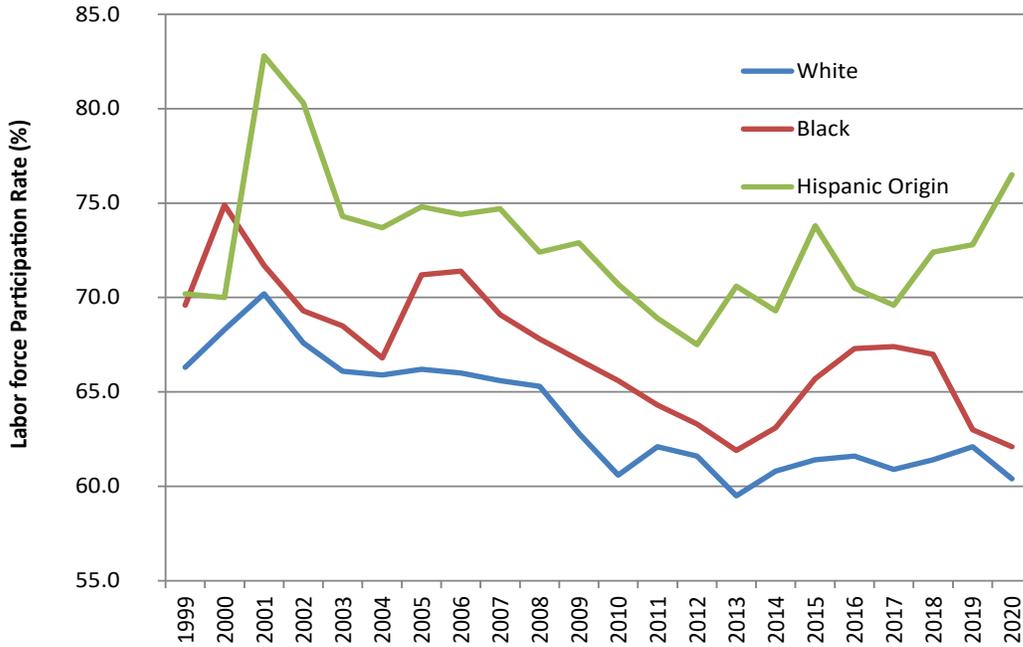
The Current Population Survey (CPS), a monthly survey of approximately 60,000 households across the U.S., is the source of the national unemployment rate and a great deal more economic data. In Delaware, about 750 households are in the survey each month. This is too few to generate the state's unemployment rate directly, so the CPS is used as the key component in an econometric model, as in all states. More detailed data, such as the demographic labor force graphs shown below, come directly from the survey. By using annual averages, some of the statistical variation in the data, which would be more evident monthly, is smoothed away.



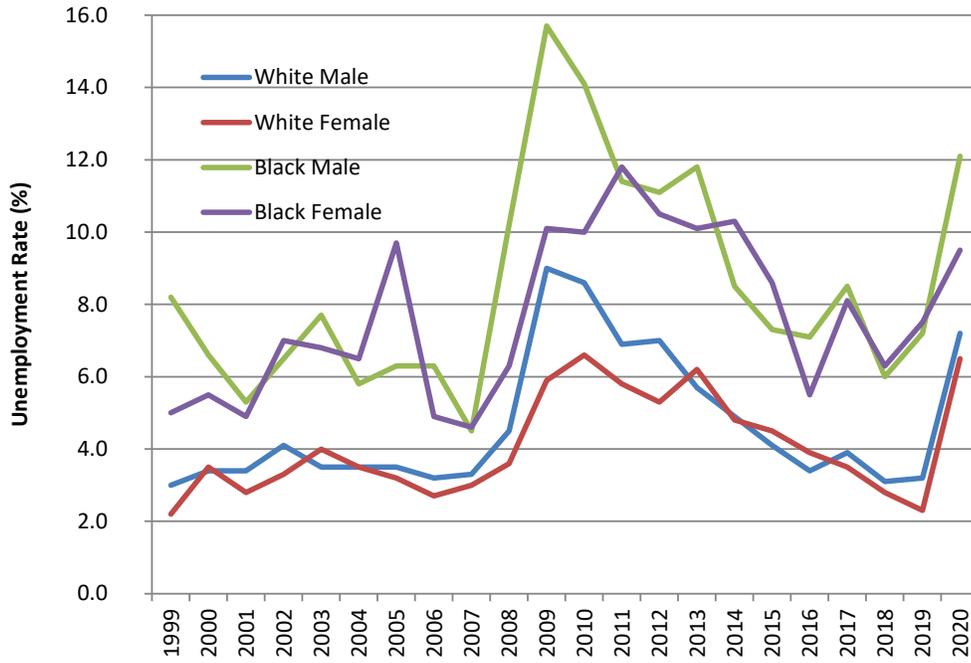
Unemployment Rate in Delaware by Race and Ethnicity, Age 16+



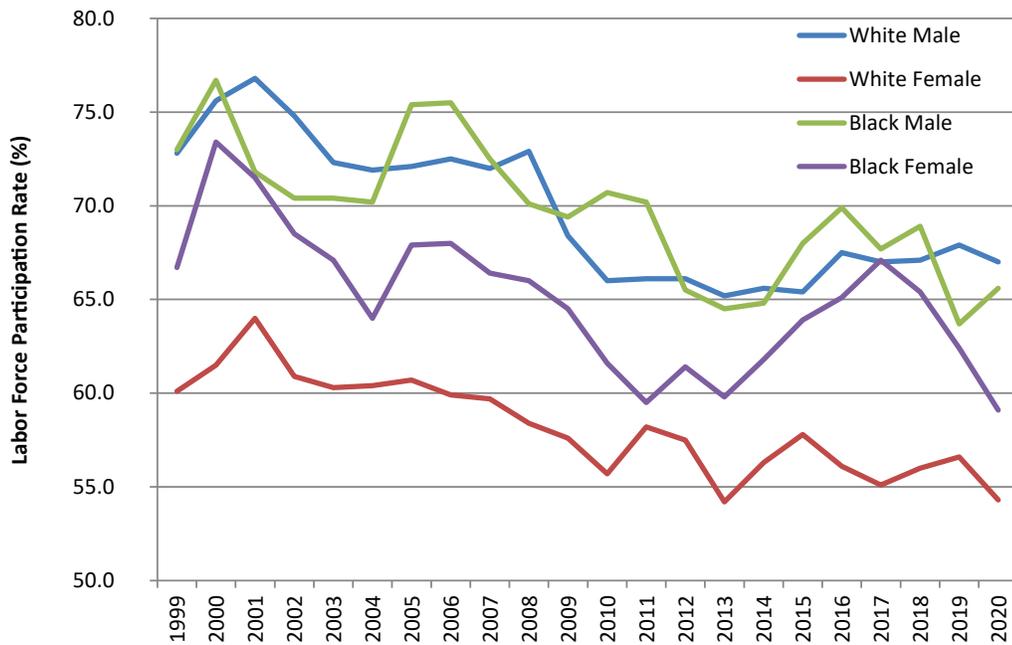
Labor Force Participation Rate in Delaware by Race and Ethnicity, Age 16+



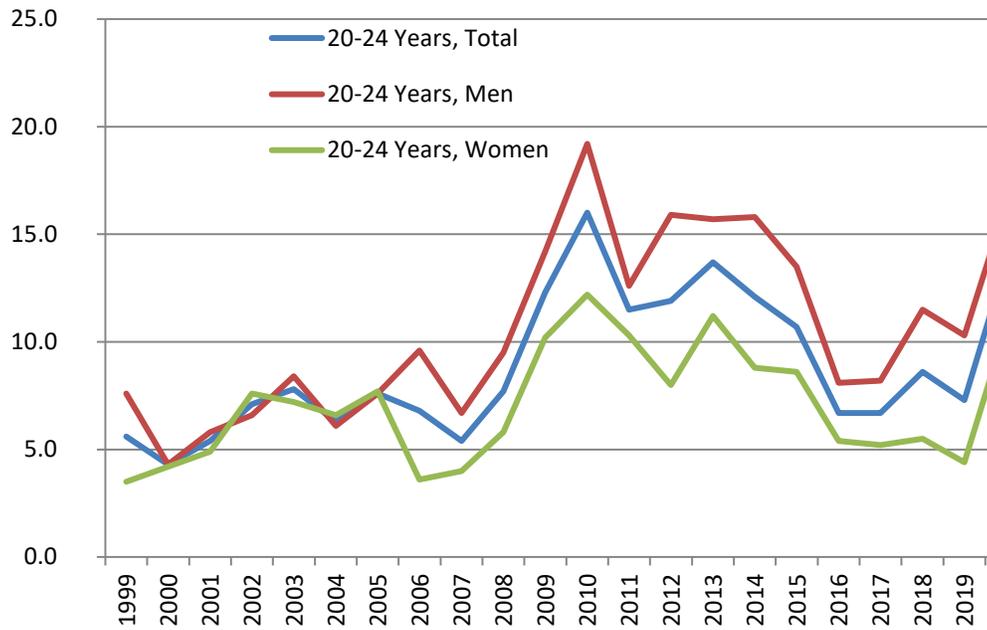
Unemployment Rate in Delaware by Race and Gender, Age 16+



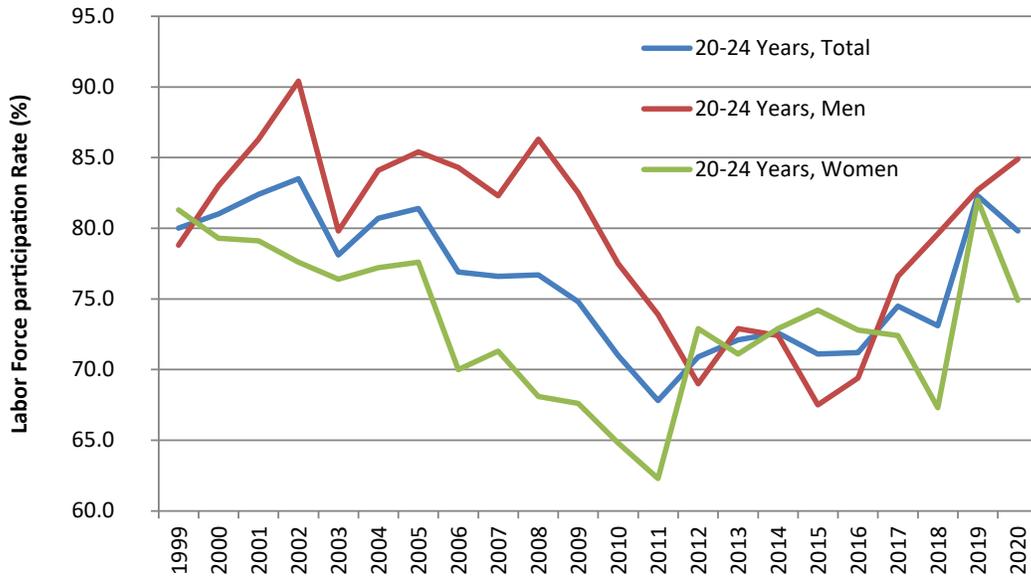
Labor Force Participation Rate in Delaware by Race and Gender, Age 16+



Unemployment Rate in Delaware, 20-24 Years Old



Labor Force Participation Rate in Delaware, 20-24 Years Old





U.S. DEPARTMENT OF LABOR
Employment and Training Administration (ETA)



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DELAWARE DEPARTMENT OF LABOR
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