



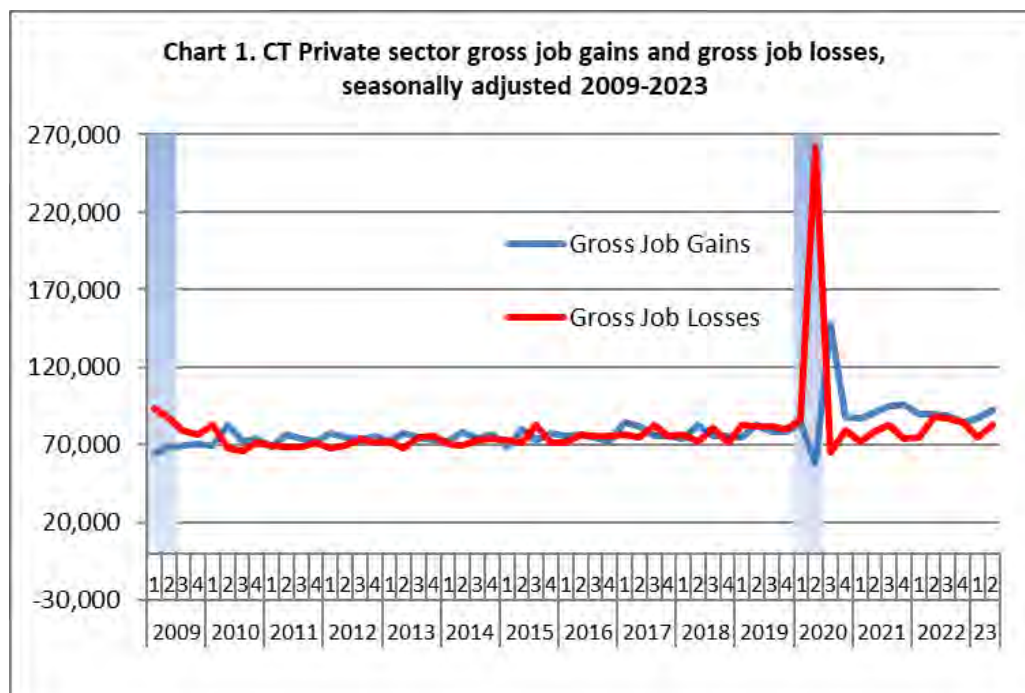
## Second Quarter 2023

WETHERSFIELD, January 30, 2024 - Business Employment Dynamics (BED) data published quarterly by the Bureau of Labor Statistics tracks employment change at the establishment level and reveals the underlying dynamics of net employment change. The data include gross employment change, business expansion/contraction, establishment birth/death, and is available at sector level.

From April 2023 to June 2023, **gross job gains** from opening and expanding private sector establishments in Connecticut was 92,604, a 4,855 job increase from the previous quarter. Over this period, **gross job losses** from closing and contracting private sector establishments was 82,681, an increase of 7,627 from the previous quarter.

During the second quarter of 2023, the difference between gross job gains and gross job losses yielded a **net employment increase** of 9,923 jobs in the private sector. This net increase follows a 12,695 net increase during the first quarter of 2023.

Net employment change reached a low of -203,916 during the second quarter of 2020. The combined net change for the twelve quarters of subsequent data through the first quarter of 2023 is 192,331 jobs.

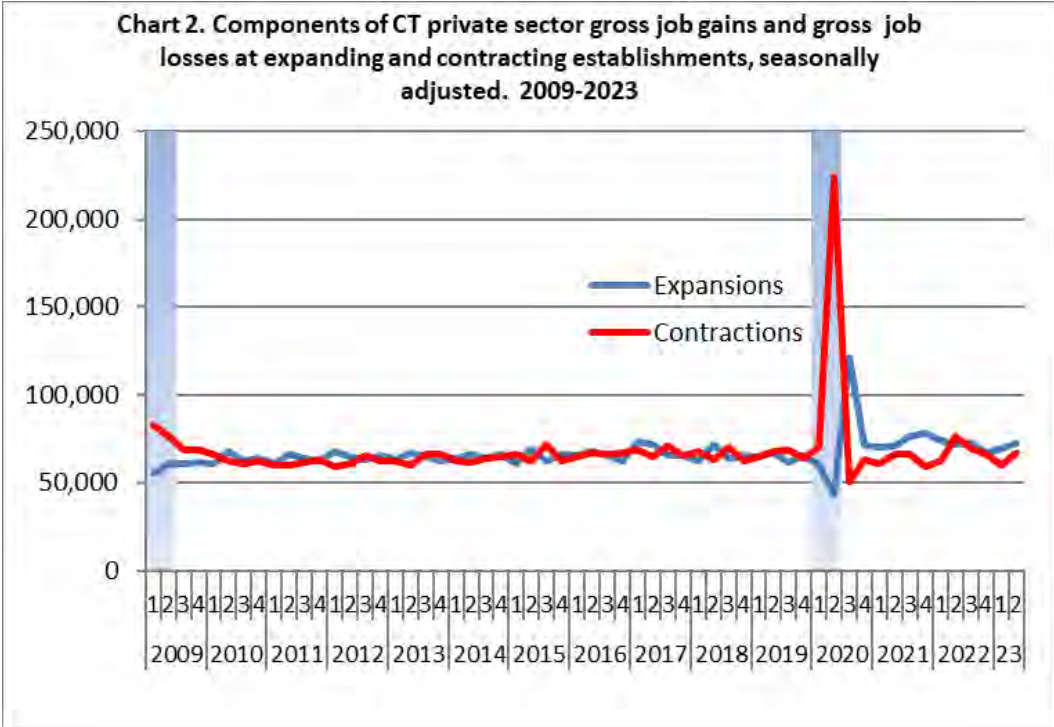


The change in the number of jobs over time is the net result of increases and decreases in employment that occur at all businesses in the economy. Business Employment Dynamics (BED) statistics track these changes in employment at private business units from the third month of one quarter to the third month of the next. Gross job gains are the sum of increases in employment from expansions at existing units and the addition of new jobs at opening units. Gross job losses are the result of contractions in employment at existing units and the loss of jobs at closing units. The difference between the number of gross job gains and the number of gross job losses is the net change in employment.

The BED data series includes gross job gains and gross job losses at the establishment level by industry subsector and for the 50 states, the District of Columbia, Puerto Rico, and the Virgin Islands, as well as annual gross job gains and annual gross job losses at the firm level by employer size class.

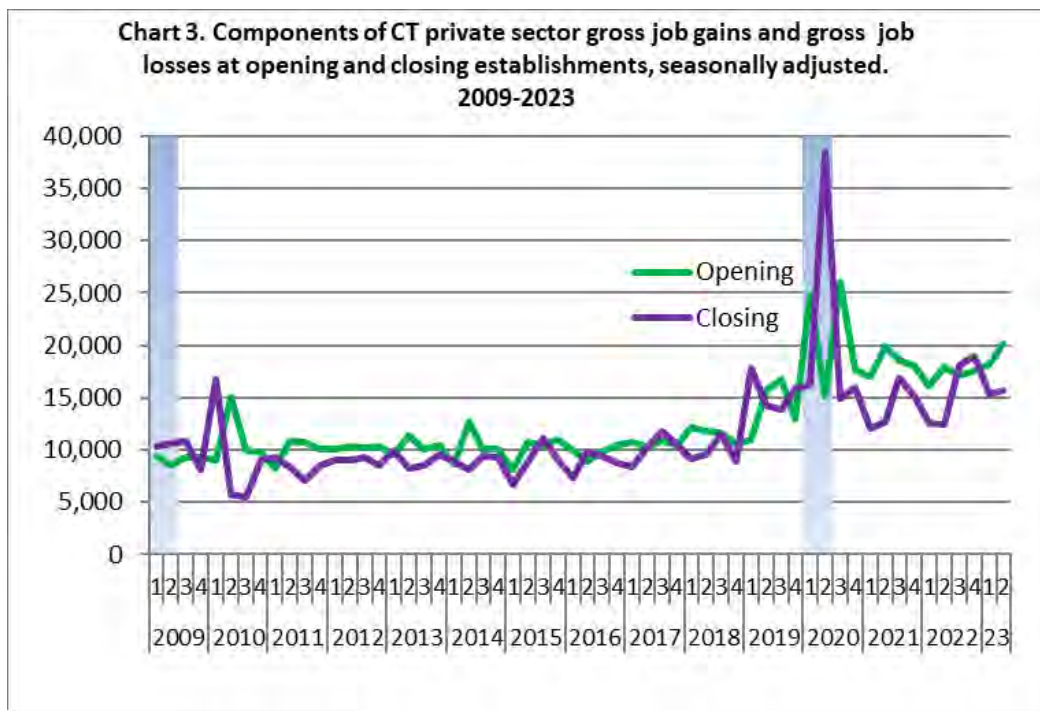
Gross job gains at **expanding** establishments totaled 72,526 in the second quarter of 2023, an increase of 3,017 from the previous quarter.

**Opening** establishments accounted for 20,078 jobs gained in the second quarter of 2023, an increase of 1,838 jobs from the previous quarter.



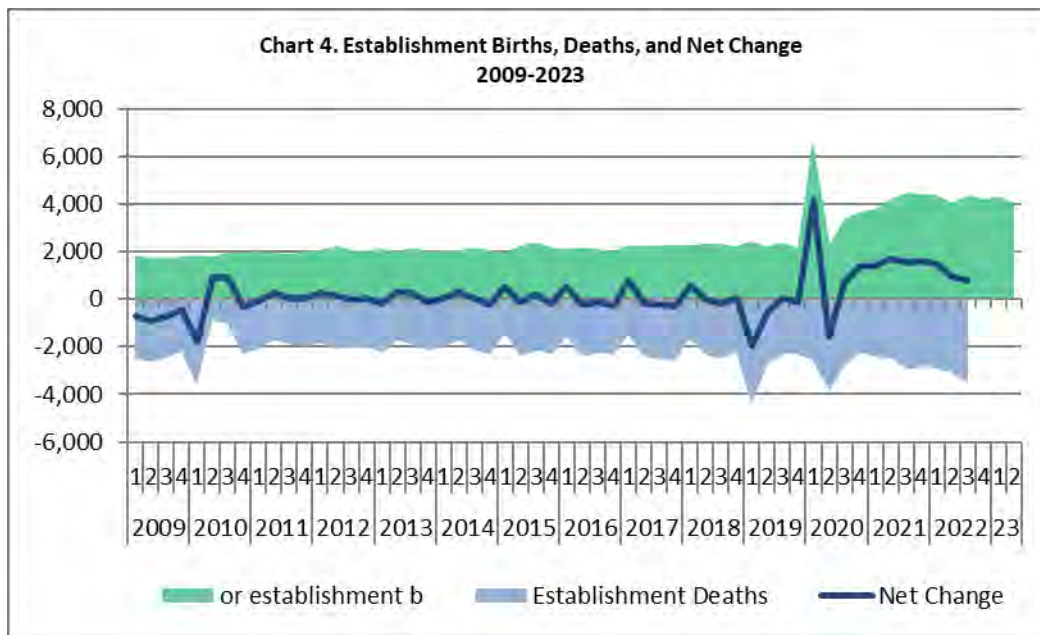
**Contracting** establishments lost 66,980 jobs in the second quarter of 2023, an increase of 7,233 from the prior quarter.

In the second quarter of 2023, **closing** establishments lost 15,701 jobs, an increase of 394 from the previous quarter. Chart 3 shows the relationship between opening and closing-derived job change. Beginning in 2019, opening and closing-derived job change was above 2011-18 levels. During 2020Q2, the impact of the recession is illustrated by the large uptick in closing job losses and the large uptick in openings the following quarter. In the first quarter of 2023, employment change at openings and closings resulted in a 4,377 net employment increase during the first quarter of 2023. This follows a 1,412 net decrease during the fourth quarter of 2022.



In the second quarter of 2023, there were 4,034 **establishment births** (a subset of the openings data). These new establishments accounted for 11,554 jobs, 1,139 more than the previous quarter.

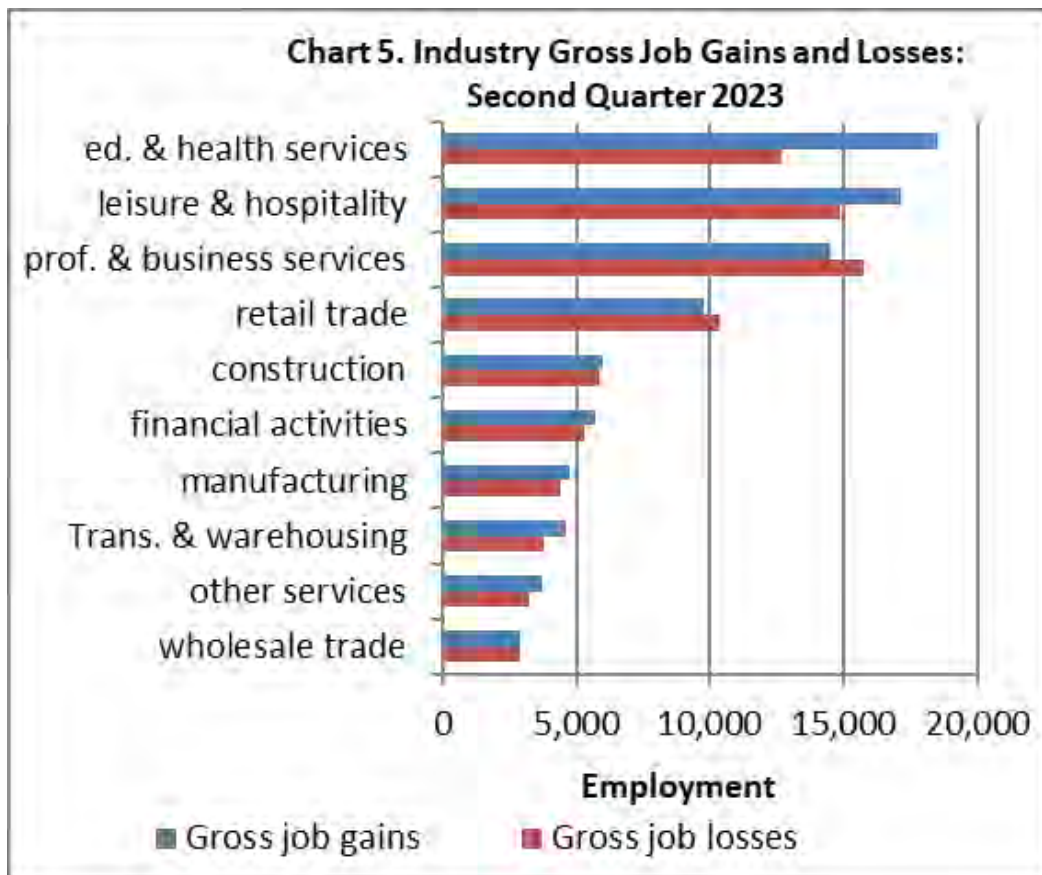
Data for **establishment deaths** (a subset of the closings data) are available through the third quarter of 2022, where 10,644 jobs were lost at 790 establishment deaths. In the prior quarter, 7,351 jobs were lost at 941 establishment deaths.



The **net change of establishment births and deaths** went consistently negative during the Great Recession in Connecticut from the first quarter of 2008 through the first quarter of 2010. During those 9 quarters of net decline, Connecticut averaged a net decrease of 640 establishments per quarter, with the largest net establishment decline occurring at the end of the recession, down 1,784 in the first quarter of 2010. From 2010Q2-2018Q4, it ranged between -354 and +903 quarter-to-quarter change.

During the first half of 2019, net change fell by 1,945 establishments in the first quarter and 544 in the second. It recovered to a 57 establishment increase in the third quarter and fell by 153 in the fourth quarter of 2019. During the first quarter of 2020, net establishment births and deaths was up 4,111 and fell 1,565 during the second quarter of 2020. After the 2020 recession, net establishment change averaged a gain of 1,274 per quarter from the third quarter of 2020 through the second quarter of 2022. During the third quarter of 2022 (the most recent quarter available), net gains were 790.

During the second quarter of 2023, **gross job gains** exceeded **gross job losses** in 8 of 10 industries. The largest net increases occurred in Education & Health Services (+5,802) and Leisure & Hospitality (+2,247 jobs). The two net decreasing industries were Professional & business Services (-1,222 jobs) and Retail Trade (-576 jobs).



Additional Information on Business Employment Dynamics, including data for the United States, 50 states, and US territories can be found at: <http://www.bls.gov/bdm/>.



**Table A: Connecticut Private Sector gross job gains and losses by industry, seasonally adjusted**

Category	Gross job gains and losses (3 months ending)							Gross job gains and losses as a percent of employment (3 months ending)						
	Dec. 2021	Mar. 2022	June 2022	Sept. 2022	Dec. 2022	Mar. 2023	June 2023	Dec. 2021	Mar. 2022	June 2022	Sept. 2022	Dec. 2022	Mar. 2023	June 2023
<b>Total Private</b>														
Gross job gains	96,129	90,078	89,906	89,510	84,396	87,749	92,604	6.9	6.3	6.4	6.3	5.9	6.1	6.4
at expanding establishments	78,024	73,936	72,012	72,324	66,905	69,509	72,526	5.6	5.2	5.1	5.1	4.7	4.8	5.0
at opening establishments	18,105	16,142	17,894	17,186	17,491	18,240	20,078	1.3	1.1	1.3	1.2	1.2	1.3	1.4
Gross job losses	74,341	75,266	88,645	87,391	84,879	75,054	82,681	5.3	5.3	6.3	6.2	5.9	5.3	5.7
at contracting establishments	59,153	62,680	76,185	69,315	65,976	59,747	66,980	4.2	4.4	5.4	4.9	4.6	4.2	4.6
at closing establishments	15,188	12,586	12,460	18,076	18,903	15,307	15,701	1.1	0.9	0.9	1.3	1.3	1.1	1.1
Net employment change	21,788	14,812	1,261	2,119	-483	12,695	9,923	1.6	1.0	0.1	0.1	0.0	0.8	0.7
<b>Construction</b>														
Gross job gains	6,126	6,893	5,458	5,206	5,322	6,603	5,968	10.3	11.2	8.9	8.7	8.9	10.7	9.5
at expanding establishments	4,930	5,654	4,235	4,147	4,191	5,243	4,447	8.3	9.2	6.9	6.9	7.0	8.5	7.1
at opening establishments	1,196	1,239	1,223	1,059	1,131	1,360	1,521	2.0	2.0	2.0	1.8	1.9	2.2	2.4
Gross job losses	5,966	5,094	6,304	5,524	5,846	4,954	5,835	10.0	8.4	10.2	9.2	9.7	8.1	9.3
at contracting establishments	4,454	3,958	5,386	4,445	4,232	3,871	4,665	7.5	6.5	8.7	7.4	7.0	6.3	7.4
at closing establishments	1,512	1,136	918	1,079	1,614	1,083	1,170	2.5	1.9	1.5	1.8	2.7	1.8	1.9
Net employment change	160	1,799	-846	-318	-524	1,649	133	0.3	2.8	-1.3	-0.5	-0.8	2.6	0.2
<b>Manufacturing</b>														
Gross job gains	4,473	4,399	4,940	4,484	4,467	3,613	4,777	2.9	2.8	3.2	2.8	2.9	2.3	3.0
at expanding establishments	4,042	4,101	4,540	3,978	3,884	3,205	4,014	2.6	2.6	2.9	2.5	2.5	2.0	2.5
at opening establishments	431	298	400	506	583	408	763	0.3	0.2	0.3	0.3	0.4	0.3	0.5
Gross job losses	3,218	3,401	3,636	4,022	4,146	3,701	4,407	2.1	2.2	2.3	2.6	2.6	2.4	2.8
at contracting establishments	2,569	3,047	3,317	3,428	3,500	3,251	3,975	1.7	2.0	2.1	2.2	2.2	2.1	2.5
at closing establishments	649	354	319	594	646	450	432	0.4	0.2	0.2	0.4	0.4	0.3	0.3
Net employment change	1,255	998	1,304	462	321	-88	370	0.8	0.6	0.9	0.2	0.3	-0.1	0.2
<b>Wholesale Trade</b>														
Gross job gains	3,455	3,262	3,514	3,307	2,920	2,720	2,881	5.9	5.6	5.9	5.4	4.8	4.5	4.8
at expanding establishments	2,566	2,565	2,768	2,738	2,291	2,125	2,350	4.4	4.4	4.6	4.5	3.8	3.5	3.9
at opening establishments	889	697	746	569	629	595	531	1.5	1.2	1.3	0.9	1.0	1.0	0.9
Gross job losses	2,546	2,227	2,912	2,909	3,212	2,464	2,870	4.4	3.7	4.9	4.8	5.3	4.1	4.7
at contracting establishments	1,876	1,612	2,304	2,067	2,124	1,869	2,181	3.2	2.7	3.9	3.4	3.5	3.1	3.6
at closing establishments	670	615	608	842	1,088	595	689	1.2	1.0	1.0	1.4	1.8	1.0	1.1
Net employment change	909	1,035	602	398	-292	256	11	1.5	1.9	1.0	0.6	-0.5	0.4	0.1
<b>Retail Trade</b>														
Gross job gains	9,941	10,581	9,555	10,547	9,313	9,554	9,797	6.0	6.4	5.6	6.3	5.6	5.8	5.8
at expanding establishments	8,852	9,627	8,514	9,076	7,546	8,269	8,287	5.3	5.8	5.0	5.4	4.5	5.0	4.9
at opening establishments	1,089	954	1,041	1,471	1,767	1,285	1,510	0.7	0.6	0.6	0.9	1.1	0.8	0.9
Gross job losses	9,227	8,432	11,092	11,007	10,704	8,163	10,373	5.6	5.0	6.6	6.5	6.5	4.9	6.1
at contracting establishments	7,949	7,424	10,147	9,457	9,572	7,202	9,124	4.8	4.4	6.0	5.6	5.8	4.3	5.4
at closing establishments	1,278	1,008	945	1,550	1,132	961	1,249	0.8	0.6	0.6	0.9	0.7	0.6	0.7
Net employment change	714	2,149	-1,537	-460	-1,391	1,391	-576	0.4	1.4	-1.0	-0.2	-0.9	0.9	-0.3
<b>Transportation and Warehousing</b>														
Gross job gains	5,856	3,986	3,694	3,041	5,886	3,394	4,587	9.2	6.0	5.6	4.7	9.0	5.2	7.1
at expanding establishments	5,193	3,637	3,365	2,689	5,565	2,919	4,202	8.2	5.5	5.1	4.2	8.5	4.5	6.5
at opening establishments	663	349	329	352	321	475	385	1.0	0.5	0.5	0.5	0.5	0.7	0.6
Gross job losses	2,721	3,447	5,611	5,017	3,060	5,433	3,805	4.3	5.2	8.6	7.9	4.7	8.3	6.0
at contracting establishments	2,327	3,168	5,367	4,724	2,665	5,150	3,245	3.7	4.8	8.2	7.4	4.1	7.9	5.1
at closing establishments	394	279	244	293	395	283	560	0.6	0.4	0.4	0.5	0.6	0.4	0.9
Net employment change	3,135	539	-1,917	-1,976	2,826	-2,039	782	4.9	0.8	-3.0	-3.2	4.3	-3.1	1.1
<b>Financial Activities</b>														
Gross job gains	6,920	5,154	5,523	5,813	5,488	4,129	5,681	6.0	4.4	4.7	5.0	4.7	3.5	4.9
at expanding establishments	5,570	4,398	4,333	4,543	4,303	3,177	4,482	4.8	3.8	3.7	3.9	3.7	2.7	3.9
at opening establishments	1,350	756	1,190	1,270	1,185	952	1,199	1.2	0.6	1.0	1.1	1.0	0.8	1.0
Gross job losses	5,410	4,764	6,407	5,921	5,958	4,480	5,334	4.6	4.1	5.5	5.1	5.1	3.8	4.6
at contracting establishments	4,331	3,935	5,444	4,543	4,511	3,497	4,378	3.7	3.4	4.7	3.9	3.9	3.0	3.8
at closing establishments	1,079	829	963	1,378	1,447	983	956	0.9	0.7	0.8	1.2	1.2	0.8	0.8
Net employment change	1,510	390	-884	-108	-470	-351	347	1.4	0.3	-0.8	-0.1	-0.4	-0.3	0.3

**Table A: Connecticut Private Sector gross job gains and losses by industry, seasonally adjusted**

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	Dec. 2021	Mar. 2022	June 2022	Sept. 2022	Dec. 2022	Mar. 2023	June 2023	Dec. 2021	Mar. 2022	June 2022	Sept. 2022	Dec. 2022	Mar. 2023	June 2023
<b>Professional Business Services</b>														
Gross job gains	17,777	16,353	15,620	15,619	14,711	14,459	14,516	8.2	7.4	7.0	7.0	6.7	6.5	6.6
at expanding establishments	13,850	13,224	11,574	12,048	11,228	11,143	10,995	6.4	6.0	5.2	5.4	5.1	5.0	5.0
at opening establishments	3,927	3,129	4,046	3,571	3,483	3,316	3,521	1.8	1.4	1.8	1.6	1.6	1.5	1.6
Gross job losses	13,344	13,202	16,562	16,378	16,075	14,115	15,738	6.2	6.0	7.5	7.4	7.3	6.4	7.1
at contracting establishments	9,559	9,956	14,156	12,271	11,469	10,660	12,400	4.4	4.5	6.4	5.5	5.2	4.8	5.6
at closing establishments	3,785	3,246	2,406	4,107	4,606	3,455	3,338	1.8	1.5	1.1	1.9	2.1	1.6	1.5
Net employment change	4,433	3,151	-942	-759	-1,364	344	-1,222	2.0	1.4	-0.5	-0.4	-0.6	0.1	-0.5
<b>Education and Health Services</b>														
Gross job gains	16,187	13,459	15,217	17,000	13,672	16,011	18,492	4.9	4.1	4.6	5.1	4.0	4.7	5.3
at expanding establishments	13,248	11,429	12,785	14,262	11,268	13,311	15,237	4.0	3.5	3.9	4.3	3.3	3.9	4.4
at opening establishments	2,939	2,030	2,432	2,738	2,404	2,700	3,255	0.9	0.6	0.7	0.8	0.7	0.8	0.9
Gross job losses	12,115	14,636	14,222	12,613	13,296	12,192	12,690	3.7	4.5	4.3	3.8	4.0	3.6	3.7
at contracting establishments	10,306	12,429	11,844	9,954	10,675	9,226	9,814	3.1	3.8	3.6	3.0	3.2	2.7	2.9
at closing establishments	1,809	2,207	2,378	2,659	2,621	2,966	2,876	0.6	0.7	0.7	0.8	0.8	0.9	0.8
Net employment change	4,072	-1,177	995	4,387	376	3,819	5,802	1.2	-0.4	0.3	1.3	0.0	1.1	1.6
<b>Leisure and Hospitality</b>														
Gross job gains	16,888	16,245	17,263	15,932	14,964	17,603	17,095	11.8	11.3	11.7	10.6	10.0	11.7	11.1
at expanding establishments	13,863	13,571	13,775	13,061	11,714	14,465	13,549	9.7	9.4	9.3	8.7	7.8	9.6	8.8
at opening establishments	3,025	2,674	3,488	2,871	3,250	3,138	3,546	2.1	1.9	2.4	1.9	2.2	2.1	2.3
Gross job losses	13,998	13,332	14,399	16,993	14,995	13,357	14,848	9.8	9.2	9.7	11.4	10.0	8.9	9.7
at contracting establishments	11,422	11,597	12,467	13,899	12,022	10,550	12,266	8.0	8.0	8.4	9.3	8.0	7.0	8.0
at closing establishments	2,576	1,735	1,932	3,094	2,973	2,807	2,582	1.8	1.2	1.3	2.1	2.0	1.9	1.7
Net employment change	2,890	2,913	2,864	-1,061	-31	4,246	2,247	2.0	2.1	2.0	-0.8	0.0	2.8	1.4
<b>Other</b>														
Gross job gains	3,984	3,921	4,033	3,986	3,547	4,257	3,720	8.5	8.2	8.3	8.1	7.3	8.6	7.5
at expanding establishments	2,948	3,185	3,247	3,130	2,574	3,061	2,821	6.3	6.7	6.7	6.4	5.3	6.2	5.7
at opening establishments	1,036	736	786	856	973	1,196	899	2.2	1.5	1.6	1.7	2.0	2.4	1.8
Gross job losses	3,220	3,310	3,340	3,766	4,054	3,132	3,257	6.8	7.0	6.9	7.7	8.2	6.4	6.5
at contracting establishments	2,548	2,657	2,532	2,633	2,912	2,259	2,386	5.4	5.6	5.2	5.4	5.9	4.6	4.8
at closing establishments	672	653	808	1,133	1,142	873	871	1.4	1.4	1.7	2.3	2.3	1.8	1.7
Net employment change	764	611	693	220	-507	1,125	463	1.7	1.2	1.4	0.4	-0.9	2.2	1.0

**A Note About the Data:**

The Business Employment Dynamics (BED) data are generated from Connecticut’s unemployment insurance (UI) records, enhanced through procedures conducted in association with the Bureau of Labor Statistics, and cover approximately 93% of all wage and salary workers in the state. The BED program links these records across quarters, providing a longitudinal history of employment for each establishment. These longitudinal records allow the identification of employment changes at expanding, opening, contracting, or closing establishments. Aggregating these changes, the BED data identify the gross job gains and losses, also known as job flows, in the state. These flows provide an understanding of the labor market dynamics that unfold over time. The job flows data scratches below the surface to expose the undercurrents that result in the net employment outcomes reported in other statistical series

The net change in employment from the Business Employment Dynamics data series will not match the net change in nonfarm employment produced from the monthly survey and reported in the Labor Situation. The monthly estimates are based on surveys from a sample of establishments, while the BED data are based on a quarterly census of administrative records. In addition, the monthly series has a different coverage, excluding the agriculture sector but including government, private households, and establishments not covered by the unemployment insurance program. Thus, the net over-the-quarter changes derived from the BED data may be different from the net employment change estimated from the monthly nonfarm employment series. The intended use of the BED statistics is to show the dynamic labor market flows that underlie the net changes in aggregate employment levels; data users who want to track net changes in aggregate employment levels over time should refer to monthly nonfarm data.

With the release of first quarter data each year, seasonally adjusted data for prior periods are revised and will therefore be different than figures shown in earlier releases. Please see <http://www.bls.gov/bdm/> for more detailed information.

This publication was prepared by Matthew Krzyzek, Economist at the Connecticut Department of Labor, Office of Research. If you have any questions regarding this publication, please call (860) 263-6287 or [Matthew.Krzyzek@ct.gov](mailto:Matthew.Krzyzek@ct.gov).