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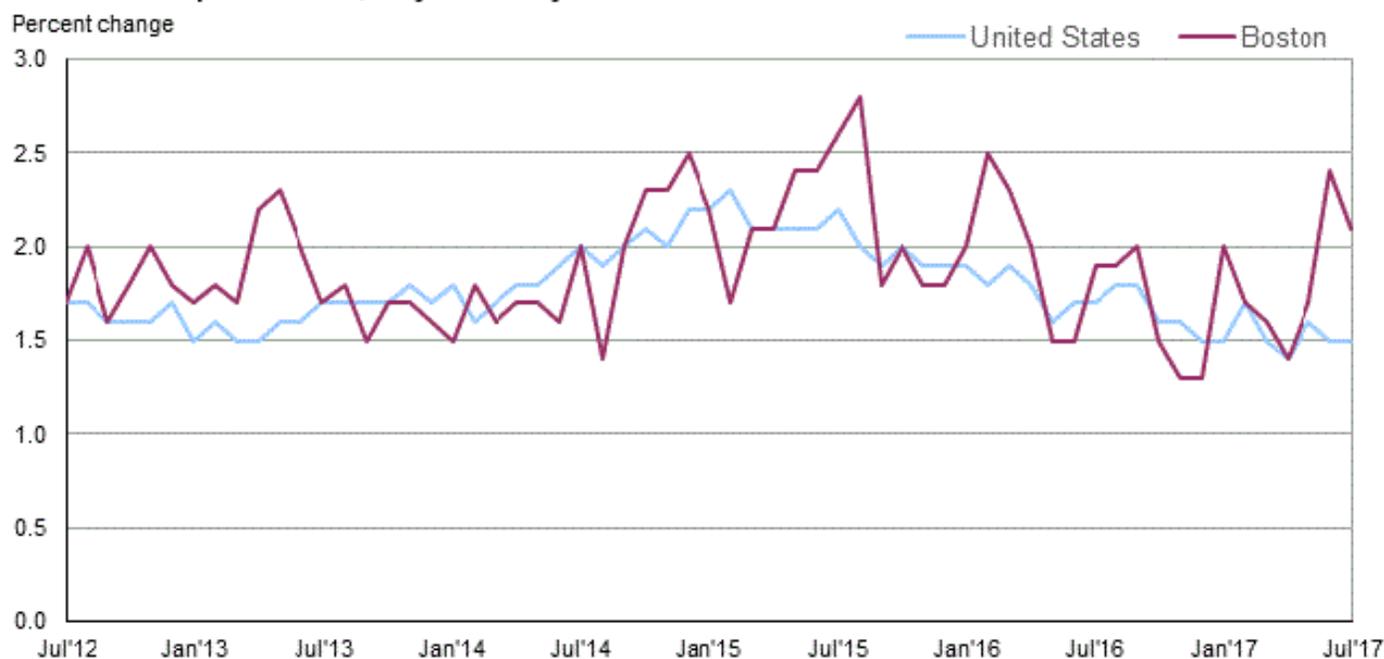
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Boston Area Employment — July 2017

Total nonfarm employment in the Boston-Cambridge-Nashua, Mass.-N.H. Metropolitan New England City and Town Area stood at 2,779,200 in July 2017, up 57,000 from one year ago, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Deborah A. Brown noted that nonfarm employment rose 2.1 percent locally from July a year ago. During the same period, the national job count increased 1.5 percent. (See [chart 1](#) and [table 1](#); Technical note at end of release contains metropolitan area definitions. All data in this release are not seasonally adjusted; accordingly, over-the-year analysis is used throughout.)

Chart 1. Total nonfarm employment, over-the-year percent change in the United States and the Boston metropolitan area, July 2012–July 2017



Source: U.S. Bureau of Labor Statistics.

The Boston-Cambridge-Nashua area includes 10 metropolitan divisions³ separately identifiable employment centers within the larger metropolitan area. The Boston-Cambridge-Newton metropolitan division, which made up 68 percent of the workforce, gained 44,400 jobs from July 2016 to July 2017. Eight other divisions for which data are published also added jobs over the year. The Lawrence-Methuen Town-Salem metropolitan division was the only division that lost jobs over the year.

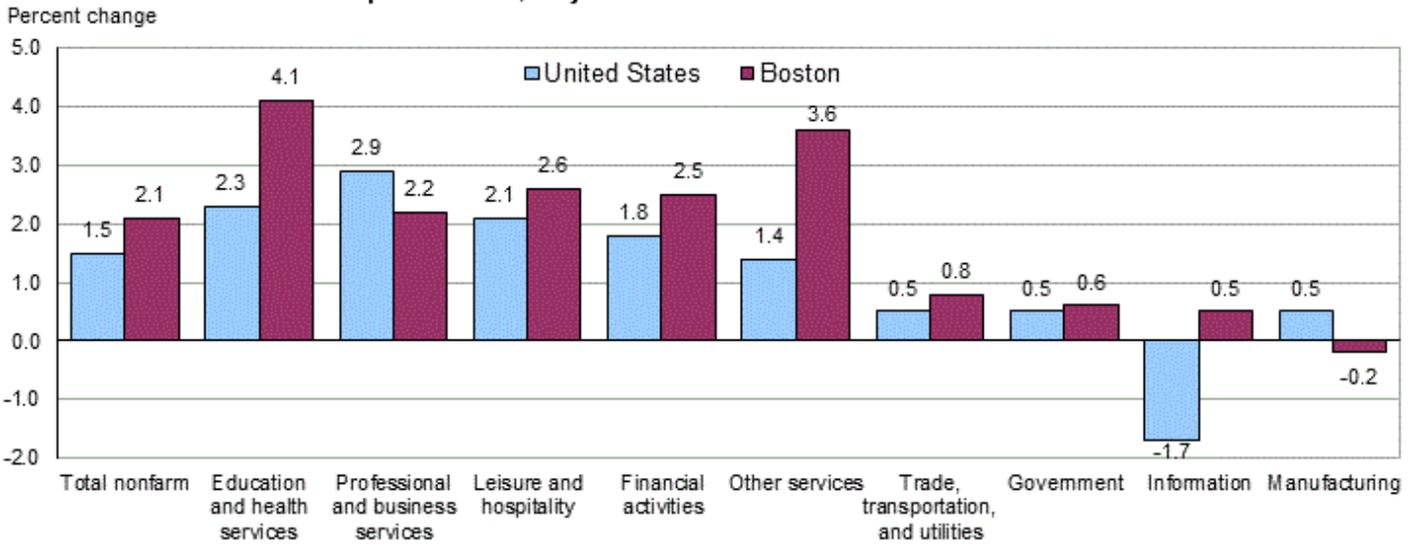
Industry employment

Education and health services, the largest industry in the Boston area, had the largest local employment gain, adding 22,900 jobs from July 2016 to July 2017. The 4.1-percent rate of local job growth in this supersector outpaced the 2.3-percent gain nationwide.

Professional and business services had the next largest annual employment gain in the Boston area from July 2016, adding 10,700 jobs. The 2.2-percent rate of job growth in Boston’s professional and business services supersector lagged the 2.9-percent nationwide gain.

The leisure and hospitality and financial activities supersectors added 7,400 and 4,800 jobs respectively. The rates of local job growth in both supersectors outpaced their respective national rates of job gains.

Chart 2. Total nonfarm and selected industry supersector employment, over-the-year percent change, United States and the Boston metropolitan area, July 2017



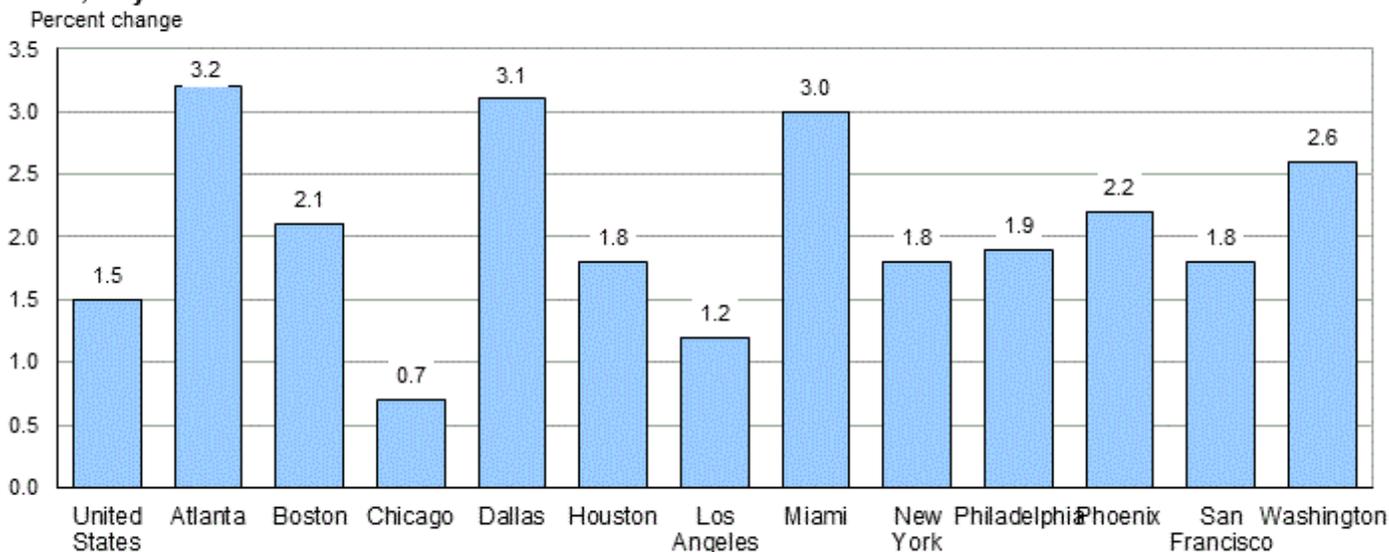
Source: U.S. Bureau of Labor Statistics.

Three other supersectors in the Boston area gained at least 1,000 jobs over the year—other services (+3,800), trade, transportation, and utilities (+3,600) and government (+1,800). The 3.6-percent local rate of job growth in other services exceeded the nationwide gain of 1.4 percent. The local rates of job growth in trade, transportation, and utilities and government were similar to those for the nation.

Employment in the twelve Largest Metropolitan Areas

Boston-Cambridge-Nashua was 1 of the nation’s 12 largest metropolitan statistical areas in July 2017. All 12 areas had over-the-year job growth during the period, with 10 areas exceeding the national increase of 1.5 percent. Atlanta-Sandy Springs-Roswell had the fastest rate of job growth, up 3.2 percent, followed by Dallas-Fort Worth-Arlington (+3.1 percent) and Miami-Fort Lauderdale-West Palm Beach (+3.0 percent). Chicago-Naperville-Elgin had the slowest rate of job growth, up 0.7 percent. (See [chart 3](#) and [table 2.](#))

Chart 3. Total nonfarm employment, over-the-year percent change, United States and 12 largest metropolitan areas, July 2017



Source: U.S. Bureau of Labor Statistics.

The New York-Newark-Jersey City area added the largest number of jobs over the year, 176,400, followed by Dallas (+108,200). Chicago had the smallest employment gain over the year, adding 33,100 jobs. Annual jobs gains in the remaining nine metropolitan areas ranged from 85,300 in Atlanta to 42,100 in Phoenix-Mesa-Scottsdale.

Over the year, education and health services added the most jobs in seven areas: Boston, Los Angeles-Long Beach-Anaheim, Miami, New York, Philadelphia-Camden-Wilmington, San Francisco-Oakland-Hayward, and Washington-Arlington-Alexandria.

Metropolitan area employment data for August 2017 are scheduled to be released on Friday, September 15, 2017, at 10:00 a.m. (EDT).

Technical Note

This release presents nonfarm payroll employment estimates from the Current Employment Statistics (CES) program. The CES survey is a Federal-State cooperative endeavor between State employment security agencies and the Bureau of Labor Statistics.

Definitions. Employment data refer to persons on establishment payrolls who receive pay for any part of the pay period which includes the 12th of the month. Persons are counted at their place of work rather than at their place of residence; those appearing on more than one payroll are counted on each payroll. Industries are classified on the basis of their principal activity in accordance with the 2012 version of the North American Industry Classification System.

Method of estimation. The employment data are estimated using a "link relative" technique in which a ratio (link relative) of current-month employment to that of the previous month is computed from a sample of establishments reporting for both months. The estimates of employment for the current month are obtained by

multiplying the estimates for the previous month by these ratios. Small-domain models are used as the official estimators for approximately 39 percent of CES published series which have insufficient sample for direct sample-based estimates.

Annual revisions. Employment estimates are adjusted annually to a complete count of jobs, called benchmarks, derived principally from tax reports which are submitted by employers who are covered under state unemployment insurance (UI) laws. The benchmark information is used to adjust the monthly estimates between the new benchmark and the preceding one and also to establish the level of employment for the new benchmark month. Thus, the benchmarking process establishes the level of employment, and the sample is used to measure the month-to-month changes in the level for the subsequent months.

Reliability of the estimates. The estimates presented in this release are based on sample survey and administrative data and thus are subject to sampling and other types of errors. Sampling error is a measure of sampling variability—that is, variation that occurs by chance because a sample rather than the entire population is surveyed. Survey data are also subject to nonsampling errors, such as those which can be introduced into the data collection and processing operations. Estimates not directly derived from sample surveys are subject to additional errors resulting from the special estimation processes used. The sums of individual items may not always equal the totals shown in the same tables because of rounding.

Employment estimates. Measures of sampling error are available for metropolitan areas or metropolitan divisions upon request. Measures of sampling error for states down to the supersector level is available on the BLS website at www.bls.gov/sae/790stderr.htm. Information on recent benchmark revisions is available online at www.bls.gov/sae/benchmark2017.pdf.

Area definitions. The substate area data published in this release reflect the delineations issued by the U.S. Office of Management and Budget July 15, 2015. A detailed list of geographic definitions is available at www.bls.gov/lau/lausmsa.htm.

Areas in the six New England states are defined as Metropolitan New England City and Town Areas (NECTAs), while areas in other states are county-based and identified as metropolitan areas and metropolitan divisions. However, for comparative purposes, the Boston NECTA and its divisions have been referred to as a metropolitan area and metropolitan divisions.

The Boston-Cambridge-Nashua, Mass.-N.H. Metropolitan New England City and Town Area (NECTA) includes 10 NECTA divisions--subdivisions of the larger NECTA which function as distinct social, economic, and cultural areas within the larger region. The NECTA divisions that compose the Boston-Cambridge-Nashua, Mass.-N.H. NECTA include: Boston-Cambridge-Newton, MA; Brockton-Bridgewater-Easton, Mass.; Framingham, Mass.; Haverhill- Newburyport-Amesbury town, Mass.-N.H.; Lawrence-Methuen town-Salem, Mass.-N.H.; Lowell-Billerica-Chelmsford, Mass.-N.H.; Lynn-Saugus-Marblehead, Mass.; Nashua, N.H.-Mass.; Peabody-Salem-Beverly, Mass.; Taunton-Middleborough-Norton, Mass.; and select cities and towns within.

Additional information

More complete information on the technical procedures used to develop these estimates and additional data appear in *Employment and Earnings*, which is available online at www.bls.gov/opub/ee/home.htm. Industry employment data for states and metropolitan areas from the Current Employment Statistics program are also available in the above mentioned news releases and from the Internet at www.bls.gov/sae/.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202)-691-5200; Federal Relay Service: (800)-877-8339.

Table 1. Employees on nonfarm payrolls by industry supersector, U.S. and Boston metropolitan area, not seasonally adjusted (numbers in thousands)

Area and Industry	July 2016	May 2017	June 2017	July 2017(p)	Change from July 2016 to July 2017	
					Net change	Percent change
U.S.						
Total nonfarm.....	144,203	146,784	147,407	146,368	2,165	1.5
Mining and logging	672	703	716	723	51	7.6
Construction	6,971	6,938	7,103	7,157	186	2.7
Manufacturing.....	12,439	12,375	12,493	12,502	63	0.5
Trade, transportation, and utilities	27,249	27,261	27,418	27,378	129	0.5
Information	2,792	2,720	2,738	2,745	-47	-1.7
Financial activities	8,380	8,414	8,503	8,528	148	1.8
Professional and business services	20,271	20,675	20,841	20,857	586	2.9
Educational and health services.....	22,299	23,123	22,892	22,806	507	2.3
Leisure and hospitality.....	16,379	16,151	16,609	16,729	350	2.1
Other services	5,751	5,773	5,832	5,831	80	1.4
Government.....	21,000	22,651	22,262	21,112	112	0.5
Boston-Cambridge-Nashua, MA-NH						
Total nonfarm.....	2,722.2	2,756.5	2,789.7	2,779.2	57.0	2.1
Mining, logging, and construction.....	114.6	111.5	114.0	116.5	1.9	1.7
Manufacturing.....	188.7	185.1	188.0	188.4	-0.3	-0.2
Trade, transportation, and utilities	424.4	423.2	431.2	428.0	3.6	0.8
Information	79.2	78.3	79.6	79.6	0.4	0.5
Financial activities	190.4	191.3	193.5	195.2	4.8	2.5
Professional and business services	478.7	480.8	486.4	489.4	10.7	2.2
Educational and health services.....	564.3	586.9	587.6	587.2	22.9	4.1
Leisure and hospitality.....	282.3	273.4	283.5	289.7	7.4	2.6
Other services	105.6	103.9	107.8	109.4	3.8	3.6
Government.....	294.0	322.1	318.1	295.8	1.8	0.6
Boston-Cambridge-Newton, MA division						
Total nonfarm.....	1,832.5	1,854.8	1,878.7	1,876.9	44.4	2.4
Mining, logging, and construction.....	69.8	65.9	67.2	68.0	-1.8	-2.6
Manufacturing.....	80.0	78.6	80.4	80.6	0.6	0.8
Trade, transportation, and utilities	251.8	251.2	256.1	254.6	2.8	1.1
Information	59.0	58.9	60.0	59.9	0.9	1.5
Financial activities	157.8	159.6	161.2	162.7	4.9	3.1
Professional and business services	358.5	360.5	364.2	366.3	7.8	2.2
Educational and health services.....	402.2	420.1	421.1	421.7	19.5	4.8
Leisure and hospitality.....	193.7	187.9	194.2	199.5	5.8	3.0
Other services	69.5	68.7	71.4	72.6	3.1	4.5
Government.....	190.2	203.4	202.9	191.0	0.8	0.4

Table 2. Employees on nonfarm payrolls by industry supersector, United States and 12 largest metropolitan areas, not seasonally adjusted (numbers in thousands)

Area	Jul 2016	May 2017	Jun 2017	Jul 2017(p)	Jul 2016 to Jul 2017(p)	
					Net change	Percent change
Atlanta-Sandy Springs-Roswell, GA						
Total nonfarm.....	2,657.5	2,745.7	2,759.5	2,742.8	85.3	3.2
Mining and logging	1.7	1.8	1.8	1.8	0.1	5.9
Construction	117.8	122.4	122.5	121.9	4.1	3.5
Manufacturing.....	162.3	162.4	163.2	162.2	-0.1	-0.1
Trade, transportation, and utilities	590.1	597.7	597.6	596.7	6.6	1.1
Information	96.1	99.8	99.3	99.7	3.6	3.7
Financial activities	167.3	173.0	174.8	173.6	6.3	3.8
Professional and business services	487.9	513.3	523.4	521.6	33.7	6.9
Education and health services	329.6	343.9	340.9	340.2	10.6	3.2
Leisure and hospitality.....	291.0	299.4	306.1	306.3	15.3	5.3
Other services	99.7	98.6	101.4	102.3	2.6	2.6
Government.....	314.0	333.4	328.5	316.5	2.5	0.8
Boston-Cambridge-Nashua, MA-NH (NECTA)						
Total nonfarm.....	2,722.2	2,756.5	2,789.7	2,779.2	57.0	2.1
Mining, logging, and construction.....	114.6	111.5	114.0	116.5	1.9	1.7
Manufacturing.....	188.7	185.1	188.0	188.4	-0.3	-0.2
Trade, transportation, and utilities	424.4	423.2	431.2	428.0	3.6	0.8
Information	79.2	78.3	79.6	79.6	0.4	0.5
Financial activities	190.4	191.3	193.5	195.2	4.8	2.5
Professional and business services	478.7	480.8	486.4	489.4	10.7	2.2
Education and health services	564.3	586.9	587.6	587.2	22.9	4.1
Leisure and hospitality.....	282.3	273.4	283.5	289.7	7.4	2.6
Other services	105.6	103.9	107.8	109.4	3.8	3.6
Government.....	294.0	322.1	318.1	295.8	1.8	0.6
Chicago-Naperville-Elgin, IL-IN-WI						
Total nonfarm.....	4,686.1	4,701.4	4,745.6	4,719.2	33.1	0.7
Mining and logging	1.6	1.6	1.6	1.6	0.0	0.0
Construction	182.1	175.1	180.6	182.2	0.1	0.1
Manufacturing.....	416.5	413.3	418.2	417.1	0.6	0.1
Trade, transportation, and utilities	945.4	939.1	947.8	946.5	1.1	0.1
Information	80.7	83.5	84.6	84.5	3.8	4.7
Financial activities	302.2	308.4	311.5	311.6	9.4	3.1
Professional and business services	829.5	823.7	836.4	838.3	8.8	1.1
Education and health services	705.2	728.2	720.1	709.8	4.6	0.7
Leisure and hospitality.....	489.6	478.0	494.3	493.0	3.4	0.7
Other services	195.9	195.4	198.0	198.5	2.6	1.3
Government.....	537.4	555.1	552.5	536.1	-1.3	-0.2
Dallas-Fort Worth-Arlington, TX						
Total nonfarm.....	3,503.0	3,612.1	3,624.0	3,611.2	108.2	3.1
Mining, logging, and construction.....	206.7	205.4	207.6	209.2	2.5	1.2
Manufacturing.....	266.2	266.3	268.8	270.6	4.4	1.7
Trade, transportation, and utilities	749.0	762.2	764.8	765.1	16.1	2.1
Information	83.2	81.1	81.7	82.0	-1.2	-1.4
Financial activities	283.7	292.0	293.6	295.0	11.3	4.0
Professional and business services	582.3	604.8	609.1	611.8	29.5	5.1
Education and health services	429.2	443.9	440.3	438.9	9.7	2.3
Leisure and hospitality.....	372.0	390.2	397.1	396.0	24.0	6.5
Other services	124.2	126.7	128.2	128.1	3.9	3.1
Government.....	406.5	439.5	432.8	414.5	8.0	2.0
Houston-The Woodlands-Sugar Land, TX						
Total nonfarm.....	2,988.7	3,048.2	3,061.2	3,042.9	54.2	1.8
Mining and logging	86.7	86.9	86.3	87.3	0.6	0.7
Construction	218.4	216.2	215.1	210.1	-8.3	-3.8

Note: See footnotes at end of table.

Table 2. Employees on nonfarm payrolls by industry supersector, United States and 12 largest metropolitan areas, not seasonally adjusted (numbers in thousands) - Continued

Area	Jul 2016	May 2017	Jun 2017	Jul 2017(p)	Jul 2016 to Jul 2017(p)	
					Net change	Percent change
Manufacturing.....	221.8	230.6	234.1	234.7	12.9	5.8
Trade, transportation, and utilities	608.1	601.3	603.2	603.5	-4.6	-0.8
Information	33.1	32.0	32.2	32.4	-0.7	-2.1
Financial activities	156.2	156.2	156.2	157.9	1.7	1.1
Professional and business services	470.4	478.0	486.1	487.0	16.6	3.5
Education and health services	378.9	391.3	390.5	391.9	13.0	3.4
Leisure and hospitality.....	317.5	326.0	330.7	328.9	11.4	3.6
Other services	110.4	110.8	113.2	112.1	1.7	1.5
Government.....	387.2	418.9	413.6	397.1	9.9	2.6
Los Angeles-Long Beach-Anaheim, CA						
Total nonfarm.....	5,919.8	6,042.3	6,040.2	5,993.0	73.2	1.2
Mining and logging	4.1	3.9	4.0	4.0	-0.1	-2.4
Construction	233.2	239.6	243.8	250.6	17.4	7.5
Manufacturing.....	517.1	509.2	510.9	510.3	-6.8	-1.3
Trade, transportation, and utilities	1,088.0	1,077.9	1,079.4	1,082.9	-5.1	-0.5
Information	250.2	257.5	256.0	253.1	2.9	1.2
Financial activities	340.0	337.8	337.9	339.4	-0.6	-0.2
Professional and business services	906.7	909.0	914.3	909.0	2.3	0.3
Education and health services	950.5	1,001.0	983.3	975.4	24.9	2.6
Leisure and hospitality.....	730.1	736.5	742.8	747.0	16.9	2.3
Other services	204.0	211.0	210.0	210.5	6.5	3.2
Government.....	695.9	758.9	757.8	710.8	14.9	2.1
Miami-Fort Lauderdale-West Palm Beach, FL						
Total nonfarm.....	2,543.6	2,656.3	2,625.9	2,620.4	76.8	3.0
Mining and logging	0.7	0.7	0.7	0.7	0.0	0.0
Construction	123.3	128.4	128.3	130.0	6.7	5.4
Manufacturing.....	87.2	88.1	87.0	87.0	-0.2	-0.2
Trade, transportation, and utilities	587.9	598.8	600.2	598.4	10.5	1.8
Information	49.4	49.1	49.0	49.0	-0.4	-0.8
Financial activities	176.4	174.9	175.6	176.3	-0.1	-0.1
Professional and business services	422.8	437.7	436.5	432.1	9.3	2.2
Education and health services	374.9	397.1	397.5	396.7	21.8	5.8
Leisure and hospitality.....	312.4	336.4	330.7	329.1	16.7	5.3
Other services	124.2	128.9	130.0	131.2	7.0	5.6
Government.....	284.4	316.2	290.4	289.9	5.5	1.9
New York-Newark-Jersey City, NY-NJ-PA						
Total nonfarm.....	9,560.1	9,678.7	9,775.6	9,736.5	176.4	1.8
Mining, logging, and construction.....	398.4	393.2	399.2	403.4	5.0	1.3
Manufacturing.....	368.2	363.9	366.7	365.2	-3.0	-0.8
Trade, transportation, and utilities	1,713.7	1,719.7	1,735.1	1,719.3	5.6	0.3
Information	293.6	284.9	286.1	284.4	-9.2	-3.1
Financial activities	783.4	774.1	787.2	793.6	10.2	1.3
Professional and business services	1,536.7	1,543.0	1,571.4	1,575.8	39.1	2.5
Education and health services	1,817.2	1,932.4	1,910.7	1,893.8	76.6	4.2
Leisure and hospitality.....	946.6	928.5	976.1	984.7	38.1	4.0
Other services	419.7	423.0	430.7	429.2	9.5	2.3
Government.....	1,282.6	1,316.0	1,312.4	1,287.1	4.5	0.4
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD						
Total nonfarm.....	2,857.9	2,926.3	2,941.6	2,912.5	54.6	1.9
Mining, logging, and construction.....	117.5	118.4	120.8	120.9	3.4	2.9
Manufacturing.....	180.1	176.8	178.4	178.6	-1.5	-0.8
Trade, transportation, and utilities	520.0	524.1	528.3	525.5	5.5	1.1
Information	47.2	46.2	47.1	47.1	-0.1	-0.2

Note: See footnotes at end of table.

Table 2. Employees on nonfarm payrolls by industry supersector, United States and 12 largest metropolitan areas, not seasonally adjusted (numbers in thousands) - Continued

Area	Jul 2016	May 2017	Jun 2017	Jul 2017(p)	Jul 2016 to Jul 2017(p)	
					Net change	Percent change
Financial activities	214.1	214.4	216.4	217.1	3.0	1.4
Professional and business services	464.3	473.0	479.9	478.2	13.9	3.0
Education and health services	609.1	639.6	627.7	628.1	19.0	3.1
Leisure and hospitality.....	270.9	271.2	283.1	284.3	13.4	4.9
Other services	120.8	119.8	122.0	120.2	-0.6	-0.5
Government.....	313.9	342.8	337.9	312.5	-1.4	-0.4
Phoenix-Mesa-Scottsdale, AZ						
Total nonfarm.....	1,926.8	2,009.9	1,982.7	1,968.9	42.1	2.2
Mining and logging	3.3	3.2	3.2	3.2	-0.1	-3.0
Construction	107.3	109.0	109.0	111.1	3.8	3.5
Manufacturing.....	120.1	121.6	123.3	123.5	3.4	2.8
Trade, transportation, and utilities	383.5	386.9	387.0	388.1	4.6	1.2
Information	36.6	36.4	35.3	34.8	-1.8	-4.9
Financial activities	175.2	181.7	181.2	180.6	5.4	3.1
Professional and business services	337.3	340.2	340.9	340.4	3.1	0.9
Education and health services	286.1	300.1	297.2	294.5	8.4	2.9
Leisure and hospitality.....	207.7	230.3	226.3	222.5	14.8	7.1
Other services	63.9	61.8	61.3	61.4	-2.5	-3.9
Government.....	205.8	238.7	218.0	208.8	3.0	1.5
San Francisco-Oakland-Hayward, CA						
Total nonfarm.....	2,346.1	2,380.6	2,392.7	2,388.5	42.4	1.8
Mining and logging	1.0	1.0	1.0	1.0	0.0	0.0
Construction	115.9	118.6	121.0	124.8	8.9	7.7
Manufacturing.....	133.7	131.4	132.0	133.0	-0.7	-0.5
Trade, transportation, and utilities	376.7	375.5	376.8	378.7	2.0	0.5
Information	101.3	99.9	102.3	103.5	2.2	2.2
Financial activities	143.0	145.4	147.1	148.1	5.1	3.6
Professional and business services	476.0	470.8	473.9	472.9	-3.1	-0.7
Education and health services	334.9	349.6	347.3	345.0	10.1	3.0
Leisure and hospitality.....	271.2	273.3	279.3	280.4	9.2	3.4
Other services	86.5	87.4	88.5	89.2	2.7	3.1
Government.....	305.9	327.7	323.5	311.9	6.0	2.0
Washington-Arlington-Alexandria, DC-VA-MD-WV						
Total nonfarm.....	3,238.4	3,285.0	3,312.6	3,321.5	83.1	2.6
Mining, logging, and construction.....	159.1	158.5	159.8	163.8	4.7	3.0
Manufacturing.....	54.2	53.6	54.3	54.3	0.1	0.2
Trade, transportation, and utilities	406.2	409.3	414.5	412.9	6.7	1.6
Information	74.9	70.8	71.6	71.6	-3.3	-4.4
Financial activities	159.3	157.2	158.6	159.1	-0.2	-0.1
Professional and business services	745.9	753.4	758.2	761.9	16.0	2.1
Education and health services	424.8	443.2	443.4	447.7	22.9	5.4
Leisure and hospitality.....	333.6	337.6	347.9	350.2	16.6	5.0
Other services	197.5	194.5	198.1	199.6	2.1	1.1
Government.....	682.9	706.9	706.2	700.4	17.5	2.6

Footnotes(1) U.S. data are preliminary for two months after they are first published.

(p) Preliminary