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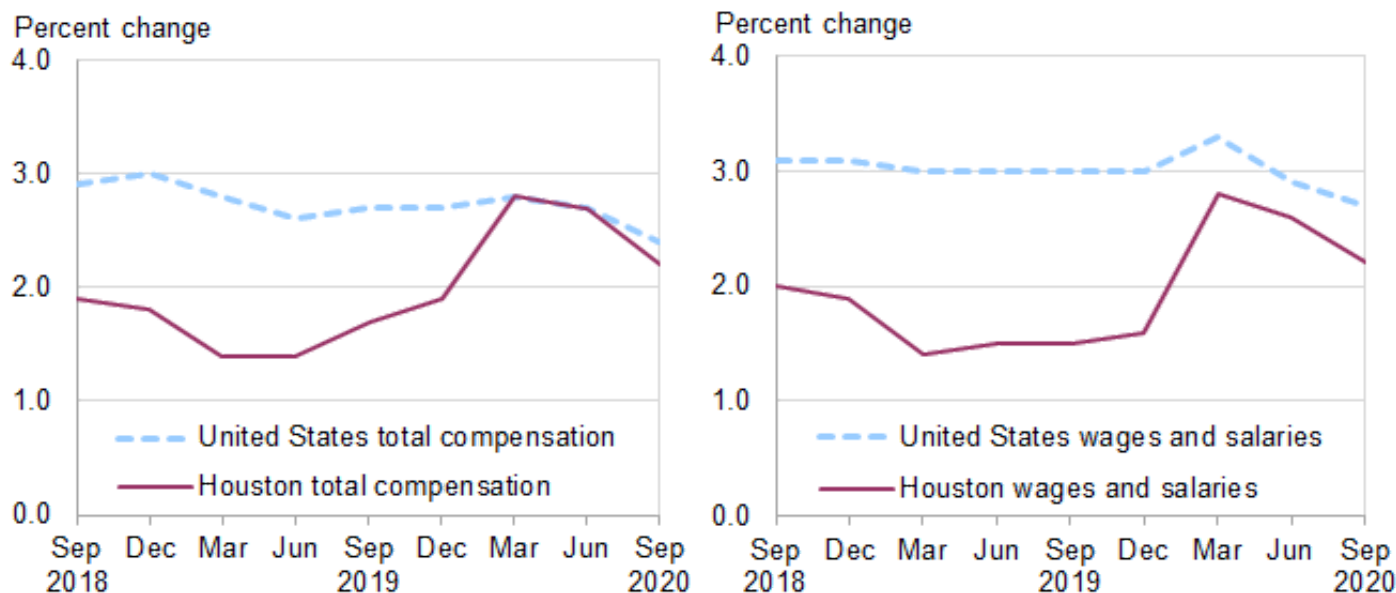
Technical information: (972) 850-4800 BLSInfoDallas@bls.gov www.bls.gov/regions/southwest

Media contact: (972) 850-4800

## Changing Compensation Costs in the Houston Metropolitan Area – September 2020

Total compensation costs for private industry workers increased 2.2 percent in the Houston-The Woodlands, TX Consolidated Statistical Area (CSA) for the year ending in September 2020, according to the U.S. Bureau of Labor Statistics. Regional Commissioner Michael Hirniak noted that one year ago, Houston experienced an annual gain of 1.7 percent in compensation costs. Locally, wages and salaries, the largest component of total compensation costs, also rose at a 2.2-percent pace for the 12-month period ending in September 2020. Nationwide, total compensation costs were up 2.4 percent, while wages and salaries rose 2.7 percent over the same period. (See [chart 1](#) and [table 1](#).)

**Chart 1. Twelve-month percent changes in the Employment Cost Index, private industry workers, United States and the Houston area, not seasonally adjusted, September 2018–September 2020**

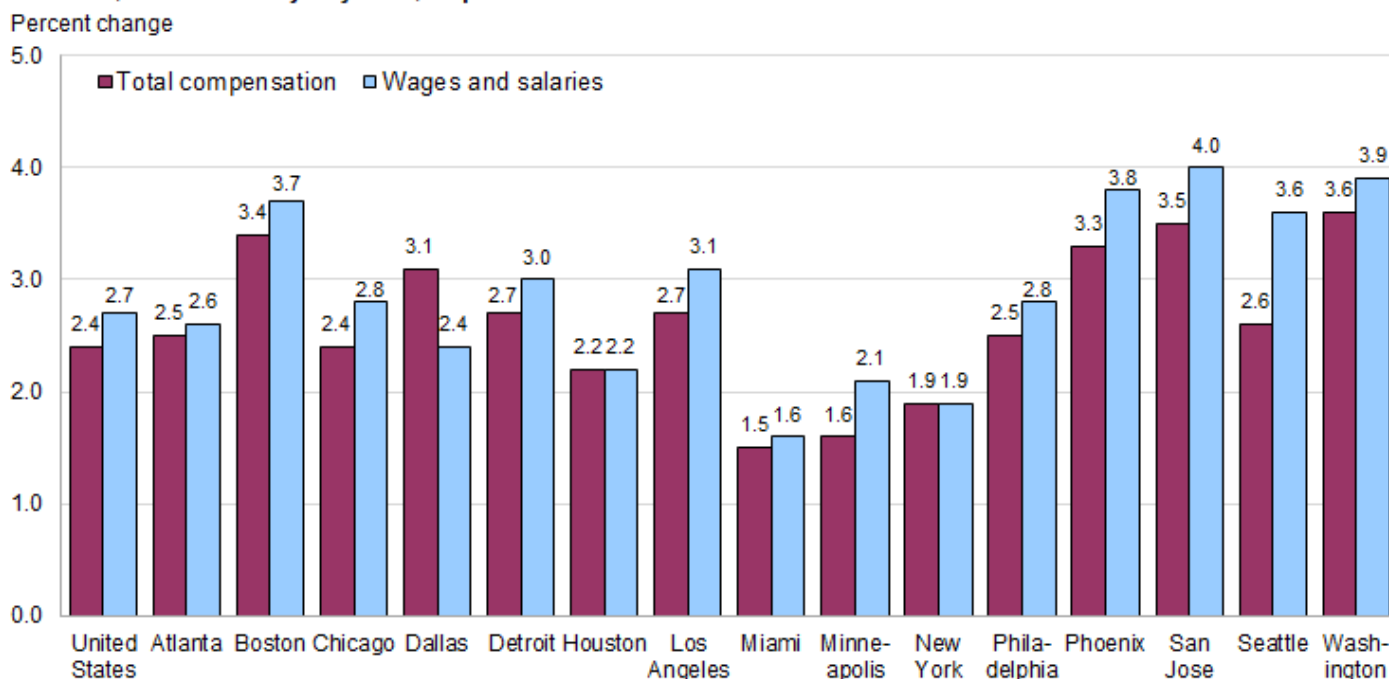


Source: U.S. Bureau of Labor Statistics.

Houston is 1 of 15 metropolitan areas in the United States and 1 of 5 areas in the South region of the country for which locality compensation data are available. Among these 15 largest areas, over-the-year percentage changes in total compensation costs ranged from 3.6 percent in Washington to 1.5 percent in Miami in September 2020. For wages and salaries, San Jose registered the largest annual increase (4.0 percent) among the 15 areas, while Miami registered the smallest (1.6 percent). (See [chart 2](#).)

The annual increase in total compensation costs in Houston in September 2020, at 2.2 percent, compared to gains ranging from 3.6 percent to 1.5 percent in the four other metropolitan areas in the South (Atlanta, Dallas, Miami, and Washington). Houston's 2.2-percent gain in wages and salaries over this 12-month period compared to rates ranging from 3.9 percent to 1.6 percent in the four other southern localities. (See [table 2.](#))

**Chart 2. Twelve-month percent change in the Employment Cost Index, private industry workers, United States and localities, not seasonally adjusted, September 2020**



Source: U.S. Bureau of Labor Statistics.

Locality compensation costs are part of the national Employment Cost Index (ECI), which measures quarterly changes in total compensation costs, including wages, salaries, and employer costs for employee benefits. In addition to the 15 local estimates provided in this release, ECI data for the nation, 4 geographical regions, and 9 geographical divisions are available. (Geographical definitions for the metropolitan areas mentioned in this release are included in the [Technical Note.](#))

In addition to the geographic data, a comprehensive national report is available that provides data by industry, occupational group, and union status, as well as for both private, and state and local government employees. The release is available on the Internet at [www.bls.gov/ncs/ect/home.htm](http://www.bls.gov/ncs/ect/home.htm). Current and historical information from other Bureau programs may be accessed via our regional homepage at [www.bls.gov/regions/southwest](http://www.bls.gov/regions/southwest).

**The Employment Cost Index for December 2020 is scheduled for release on Friday, January 29, 2021, at 8:30 a.m. (ET).**

## Coronavirus (COVID-19) impact on September 2020 Employment Cost Index

The Employment Cost Index (ECI) reference date was September 12, 2020. Response rates for September were comparable with prior releases, and no changes in estimation procedures were necessary. Additional information is available at [www.bls.gov/bls/effects-of-covid-19-on-workplace-injuries-and-illnesses-compensation-and-occupational-requirements.htm#ECI](http://www.bls.gov/bls/effects-of-covid-19-on-workplace-injuries-and-illnesses-compensation-and-occupational-requirements.htm#ECI).

### Technical Note

The Employment Cost Index (ECI) measures the change in the cost of labor, free from the influence of employment shifts among occupations and industries. The compensation series includes changes in wages and salaries and employer costs for employee benefits.

Wages and salaries are defined as straight-time average hourly earnings or, for workers not paid on an hourly basis, straight-time earnings divided by the corresponding hours. Straight-time wage and salary rates are total earnings before payroll deductions, excluding premium pay for overtime, work on weekends and holidays, and shift differentials. Production bonuses, incentive earnings, commission payments, and cost-of-living adjustments are included in straight-time earnings, whereas nonproduction bonuses (such as Christmas or year-end bonuses) are excluded. Also excluded are such items as payments-in-kind, free room and board, and tips.

Based on available resources and the existing ECI sample, it was determined that estimates would be published for 15 metropolitan areas. Since the ECI sample sizes by area are directly related to area employment, the areas with the largest private industry employment as of the year 2000 were selected. For each of these areas, 12-month percent changes and associated standard errors were computed for the periods since December 2006.

The metropolitan area definitions of the 15 published localities are listed below.

- **Atlanta-Athens-Clarke County-Sandy Springs, GA Combined Statistical Area (CSA)** includes Barrow, Bartow, Butts, Carroll, Cherokee, Clarke, Clayton, Cobb, Coweta, Dawson, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gordon, Gwinnett, Hall, Haralson, Heard, Henry, Jackson, Jasper, Lamar, Madison, Meriwether, Morgan, Newton, Oconee, Oglethorpe, Paulding, Pickens, Pike, Polk, Rockdale, Spalding, Troup, Upson, and Walton Counties in Georgia.
- **Boston-Worcester-Providence, MA-RI-NH-CT CSA** includes Barnstable, Bristol, Essex, Middlesex, Norfolk, Plymouth, Suffolk, and Worcester Counties in Massachusetts; Bristol, Kent, Newport, Providence, and Washington in Rhode Island; Belknap, Hillsborough, Merrimack, Rockingham, and Strafford Counties in New Hampshire; and Windham County in Connecticut.
- **Chicago-Naperville, IL-IN-WI CSA** includes Bureau, Cook, DeKalb, DuPage, Grundy, Kane, Kankakee, Kendall, Lake, La Salle, McHenry, Putnam and Will Counties in Illinois; Jasper, Lake, LaPorte, Newton, and Porter Counties in Indiana; and Kenosha County in Wisconsin.
- **Dallas-Fort Worth, TX-OK CSA** includes Collin, Cooke, Dallas, Denton, Ellis, Grayson, Henderson, Hood, Hopkins, Hunt, Johnson, Kaufman, Navarro, Palo Pinto, Parker, Rockwall, Somervell, Tarrant, and Wise Counties in Texas; and Bryan County in Oklahoma.
- **Detroit-Warren-Ann Arbor, MI CSA** includes Genesee, Lapeer, Lenawee, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties in Michigan.

- **Houston-The Woodlands, TX CSA** includes Austin, Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Trinity, Walker, Waller, Washington and Wharton Counties in Texas.
- **Los Angeles-Long Beach, CA CSA** includes Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties in California.
- **Miami-Fort Lauderdale-Port St. Lucie, FL CSA** includes Broward, Indian River, Martin, Miami-Dade, Okeechobee, Palm Beach and St. Lucie Counties in Florida.
- **Minneapolis-St. Paul, MN-WI CSA** includes Anoka, Benton, Carver, Chisago, Dakota, Goodhue, Hennepin, Isanti, Le Sueur, McLeod, Mille Lacs, Ramsey, Rice, Scott, Sherburne, Sibley, Stearns, Washington, and Wright Counties in Minnesota; and Pierce and St. Croix Counties in Wisconsin.
- **New York-Newark, NY-NJ-CT-PA CSA** includes Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Ulster, and Westchester Counties in New York; Bergen, Essex, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union and Warren Counties in New Jersey; Fairfield, Litchfield, and New Haven Counties in Connecticut; and Carbon, Lehigh, Monroe, Northampton, and Pike Counties in Pennsylvania.
- **Philadelphia-Reading-Camden, PA-NJ-DE-MD CSA** includes Berks, Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania; Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, and Salem Counties in New Jersey; Kent and New Castle Counties in Delaware; and Cecil County in Maryland.
- **Phoenix-Mesa-Scottsdale, AZ Metropolitan Statistical Area (MSA)** includes Maricopa and Pinal Counties in Arizona.
- **San Jose-San Francisco-Oakland, CA CSA** includes Alameda, Contra Costa, Marin, Napa, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma Counties in California.
- **Seattle-Tacoma, WA CSA** includes Island, King, Kitsap, Lewis, Mason, Pierce, Skagit, Snohomish, and Thurston Counties in Washington.
- **Washington-Baltimore-Arlington, DC-MD-VA-WV-PA CSA** includes the District of Columbia; Baltimore City and Anne Arundel, Baltimore, Calvert, Carroll, Charles, Dorchester, Frederick, Harford, Howard, Montgomery, Prince George's, Queen Anne's, St. Mary's, Talbot, and Washington Counties in Maryland; Franklin County in Pennsylvania; Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, Manassas Park, and Winchester Cities and Arlington, Clarke, Culpeper, Fairfax, Fauquier, Frederick, Loudoun, Prince William, Rappahannock, Spotsylvania, Stafford, and Warren Counties in Virginia; and Berkeley, Hampshire, and Jefferson Counties in West Virginia.

Definitions of the four geographic regions of the country are noted below.

- **Northeast:** Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.
- **South:** Alabama, Arkansas, Delaware, the District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.
- **Midwest:** Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.
- **West:** Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

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. Employment Cost Index for total compensation and for wages and salaries, private industry workers, United States, South region, and the Houston area, not seasonally adjusted**

| Area                         | Total compensation                         |      |      |      | Wages and salaries                         |      |      |      |
|------------------------------|--------------------------------------------|------|------|------|--------------------------------------------|------|------|------|
|                              | 12-month percent changes for period ended- |      |      |      | 12-month percent changes for period ended- |      |      |      |
|                              | Mar.                                       | Jun. | Sep. | Dec. | Mar.                                       | Jun. | Sep. | Dec. |
| <b>United States</b>         |                                            |      |      |      |                                            |      |      |      |
| 2016 .....                   | 1.8                                        | 2.4  | 2.3  | 2.2  | 2.0                                        | 2.6  | 2.4  | 2.3  |
| 2017 .....                   | 2.3                                        | 2.4  | 2.5  | 2.6  | 2.6                                        | 2.4  | 2.6  | 2.8  |
| 2018 .....                   | 2.8                                        | 2.9  | 2.9  | 3.0  | 2.9                                        | 2.9  | 3.1  | 3.1  |
| 2019 .....                   | 2.8                                        | 2.6  | 2.7  | 2.7  | 3.0                                        | 3.0  | 3.0  | 3.0  |
| 2020 .....                   | 2.8                                        | 2.7  | 2.4  |      | 3.3                                        | 2.9  | 2.7  |      |
| <b>South</b>                 |                                            |      |      |      |                                            |      |      |      |
| 2016 .....                   | 1.5                                        | 1.6  | 1.5  | 1.3  | 1.7                                        | 1.9  | 1.7  | 1.4  |
| 2017 .....                   | 1.6                                        | 1.6  | 2.0  | 2.4  | 1.8                                        | 1.7  | 2.1  | 2.7  |
| 2018 .....                   | 2.6                                        | 2.7  | 2.6  | 2.6  | 2.8                                        | 2.9  | 2.7  | 2.7  |
| 2019 .....                   | 2.2                                        | 2.1  | 2.5  | 2.5  | 2.4                                        | 2.4  | 2.8  | 2.8  |
| 2020 .....                   | 2.6                                        | 2.8  | 2.3  |      | 3.0                                        | 3.1  | 2.5  |      |
| <b>Houston-The Woodlands</b> |                                            |      |      |      |                                            |      |      |      |
| 2016 .....                   | 2.3                                        | 1.5  | 1.3  | 1.7  | 2.1                                        | 2.1  | 1.7  | 2.3  |
| 2017 .....                   | 1.6                                        | 2.1  | 2.1  | 1.7  | 2.2                                        | 2.5  | 2.6  | 2.0  |
| 2018 .....                   | 2.1                                        | 1.8  | 1.9  | 1.8  | 2.3                                        | 1.9  | 2.0  | 1.9  |
| 2019 .....                   | 1.4                                        | 1.4  | 1.7  | 1.9  | 1.4                                        | 1.5  | 1.5  | 1.6  |
| 2020 .....                   | 2.8                                        | 2.7  | 2.2  |      | 2.8                                        | 2.6  | 2.2  |      |

**Table 2. Employment Cost Index for total compensation and for wages and salaries, private industry workers, United States, geographical regions, and localities, not seasonally adjusted**

| Area                                             | Total compensation                         |           |           | Wages and salaries                         |           |           |
|--------------------------------------------------|--------------------------------------------|-----------|-----------|--------------------------------------------|-----------|-----------|
|                                                  | 12-month percent changes for period ended- |           |           | 12-month percent changes for period ended- |           |           |
|                                                  | Sep. 2019                                  | Jun. 2020 | Sep. 2020 | Sep. 2019                                  | Jun. 2020 | Sep. 2020 |
| United States.....                               | 2.7                                        | 2.7       | 2.4       | 3.0                                        | 2.9       | 2.7       |
| Northeast.....                                   | 3.0                                        | 2.6       | 2.2       | 3.3                                        | 2.8       | 2.4       |
| Boston-Worcester-Providence .....                | 2.7                                        | 4.0       | 3.4       | 2.9                                        | 4.3       | 3.7       |
| New York-Newark.....                             | 3.8                                        | 2.2       | 1.9       | 4.0                                        | 2.6       | 1.9       |
| Philadelphia-Reading-Camden .....                | 1.7                                        | 2.2       | 2.5       | 1.8                                        | 2.5       | 2.8       |
| South.....                                       | 2.5                                        | 2.8       | 2.3       | 2.8                                        | 3.1       | 2.5       |
| Atlanta-Athens-Clarke County-Sandy Springs ..... | 3.3                                        | 3.3       | 2.5       | 3.9                                        | 3.6       | 2.6       |
| Dallas-Fort Worth .....                          | 2.3                                        | 3.5       | 3.1       | 3.0                                        | 3.7       | 2.4       |
| Houston-The Woodlands.....                       | 1.7                                        | 2.7       | 2.2       | 1.5                                        | 2.6       | 2.2       |
| Miami-Fort Lauderdale-Port St. Lucie .....       | 2.2                                        | 1.8       | 1.5       | 2.5                                        | 1.8       | 1.6       |
| Washington-Baltimore-Arlington.....              | 2.4                                        | 3.6       | 3.6       | 2.4                                        | 3.9       | 3.9       |
| Midwest.....                                     | 2.6                                        | 2.6       | 2.4       | 2.7                                        | 2.9       | 2.7       |
| Chicago-Naperville .....                         | 2.3                                        | 2.8       | 2.4       | 2.3                                        | 3.4       | 2.8       |
| Detroit-Warren-Ann Arbor.....                    | 2.8                                        | 2.3       | 2.7       | 3.0                                        | 3.0       | 3.0       |
| Minneapolis-St. Paul .....                       | 3.1                                        | 2.6       | 1.6       | 2.8                                        | 3.1       | 2.1       |
| West.....                                        | 2.8                                        | 2.6       | 2.8       | 3.1                                        | 2.9       | 3.1       |
| Los Angeles-Long Beach .....                     | 3.7                                        | 3.5       | 2.7       | 4.2                                        | 4.0       | 3.1       |
| Phoenix-Mesa-Scottsdale .....                    | 3.6                                        | 3.7       | 3.3       | 4.0                                        | 4.4       | 3.8       |
| San Jose-San Francisco-Oakland.....              | 2.4                                        | 2.9       | 3.5       | 2.9                                        | 3.3       | 4.0       |
| Seattle-Tacoma .....                             | 2.4                                        | 2.3       | 2.6       | 2.4                                        | 3.4       | 3.6       |