# Productivity and Related Data, Business and Nonfarm Business Sectors

| Period | Labor productivity (output per hour) | | Output [1] | | Hours of all persons [2] | | Compensation per hour [3] | | Real compensation per hour [4] | | Unit labor costs | | Value-added price deflator [5] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Business sector | Nonfarm business sector | Business sector | Nonfarm business sector | Business sector | Nonfarm business sector | Business sector | Nonfarm business sector | Business sector | Nonfarm business sector | Business sector | Nonfarm business sector | Business sector | Nonfarm business sector |
| | Indexes, 2017=100; quarterly data seasonally adjusted | | | | | | | | | | | | | |
| 2015 | 97.9 | 97.9 | 95.2 | 95.2 | 97.2 | 97.2 | 95.4 | 95.4 | 98.7 | 98.7 | 97.4 | 97.4 | 97.7 | 97.6 |
| 2016 | 98.7 | 98.7 | 97.1 | 97.1 | 98.4 | 98.4 | 96.6 | 96.7 | 98.7 | 98.7 | 97.9 | 98.0 | 98.4 | 98.5 |
| 2017 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2018 | 101.5 | 101.4 | 103.4 | 103.4 | 101.9 | 102.0 | 103.4 | 103.4 | 100.9 | 100.9 | 101.9 | 102.0 | 102.1 | 102.1 |
| 2019 | 103.7 | 103.6 | 106.5 | 106.6 | 102.8 | 102.9 | 107.3 | 107.3 | 102.9 | 102.9 | 103.6 | 103.6 | 103.5 | 103.6 |
| 2020 | 109.0 | 109.2 | 103.6 | 103.7 | 95.0 | 95.0 | 116.0 | 116.1 | 109.8 | 109.9 | 106.4 | 106.4 | 103.8 | 103.9 |
| 2021 | 111.4 | 111.4 | 111.5 | 111.6 | 100.1 | 100.2 | 122.0 | 122.0 | 110.1 | 110.1 | 109.5 | 109.5 | 109.1 | 108.9 |
| 2022 | 109.8 | 109.7 | 114.3 | 114.4 | 104.0 | 104.3 | 126.5 | 126.3 | 105.6 | 105.4 | 115.2 | 115.1 | 117.8 | 117.3 |
| 2023 | 111.9 | 111.7 | 117.6 | 117.7 | 105.1 | 105.4 | 131.7 | 131.4 | 105.6 | 105.4 | 117.7 | 117.7 | 121.8 | 121.6 |
| 2024 | 115.0 | 114.8 | 121.1 | 121.1 | 105.2 | 105.5 | 138.6 | 138.4 | 108.0 | 107.8 | 120.5 | 120.6 | 124.1 | 124.1 |
| 2022: I | 110.3 | 110.2 | 113.7 | 113.8 | 103.1 | 103.3 | 125.1 | 125.0 | 107.4 | 107.3 | 113.5 | 113.4 | 114.6 | 114.3 |
| II | 109.4 | 109.3 | 113.6 | 113.7 | 103.8 | 104.1 | 125.4 | 125.1 | 105.0 | 104.9 | 114.6 | 114.5 | 117.6 | 117.2 |
| III | 109.4 | 109.3 | 114.3 | 114.5 | 104.5 | 104.7 | 127.6 | 127.4 | 105.5 | 105.3 | 116.6 | 116.6 | 118.9 | 118.4 |
| IV | 110.2 | 110.0 | 115.4 | 115.5 | 104.7 | 105.0 | 127.9 | 127.5 | 104.7 | 104.4 | 116.0 | 115.9 | 119.9 | 119.4 |
| 2023: I | 110.4 | 110.2 | 116.1 | 116.2 | 105.1 | 105.4 | 129.0 | 128.7 | 104.7 | 104.4 | 116.9 | 116.8 | 121.0 | 120.6 |
| II | 111.3 | 111.1 | 116.8 | 116.9 | 104.9 | 105.2 | 131.0 | 130.8 | 105.5 | 105.3 | 117.7 | 117.7 | 121.4 | 121.2 |
| III | 112.6 | 112.4 | 118.2 | 118.3 | 105.0 | 105.2 | 132.9 | 132.6 | 106.1 | 105.9 | 118.0 | 118.0 | 122.3 | 122.1 |
| IV | 113.6 | 113.4 | 119.2 | 119.3 | 104.9 | 105.2 | 134.4 | 134.2 | 106.6 | 106.4 | 118.4 | 118.3 | 122.5 | 122.4 |
| 2024: I | 114.1 | 113.8 | 119.6 | 119.7 | 104.8 | 105.1 | 137.7 | 137.4 | 108.2 | 108.0 | 120.7 | 120.7 | 123.2 | 123.2 |
| II | 114.7 | 114.4 | 120.6 | 120.6 | 105.1 | 105.4 | 138.1 | 137.8 | 107.8 | 107.6 | 120.4 | 120.4 | 123.9 | 123.9 |
| III | 115.4 | 115.2 | 121.6 | 121.7 | 105.4 | 105.6 | 138.4 | 138.3 | 107.6 | 107.5 | 119.9 | 120.0 | 124.3 | 124.3 |
| IV | 116.0 | 115.7 | 122.4 | 122.4 | 105.5 | 105.8 | 140.4 | 140.1 | 108.4 | 108.2 | 121.1 | 121.1 | 124.9 | 124.8 |
| 2025: I | 115.4 | 115.2 | 122.1 | 122.3 | 105.8 | 106.1 | 142.2 | 141.9 | 108.8 | 108.5 | 123.2 | 123.1 | 126.0 | 125.9 |
| II * | 116.4 | 116.1 | 123.4 | 123.6 | 106.0 | 106.4 | 143.8 | 143.4 | 109.6 | 109.2 | 123.5 | 123.4 | 126.4 | 126.4 |
| | Percent change; quarterly data at seasonally adjusted annual rates | | | | | | | | | | | | | |
| 2015 | 1.2 | 1.3 | 3.7 | 3.7 | 2.5 | 2.4 | 2.9 | 3.1 | 2.7 | 2.9 | 1.7 | 1.8 | 0.4 | 0.7 |
| 2016 | .8 | .8 | 2.1 | 2.0 | 1.3 | 1.2 | 1.3 | 1.4 | .0 | .1 | .6 | .6 | .7 | .9 |
| 2017 | 1.3 | 1.3 | 2.9 | 3.0 | 1.6 | 1.6 | 3.5 | 3.4 | 1.3 | 1.3 | 2.1 | 2.1 | 1.6 | 1.6 |
| 2018 | 1.5 | 1.4 | 3.4 | 3.4 | 1.9 | 2.0 | 3.4 | 3.4 | .9 | .9 | 1.9 | 2.0 | 2.1 | 2.1 |
| 2019 | 2.1 | 2.2 | 3.0 | 3.1 | .8 | .8 | 3.8 | 3.8 | 2.0 | 2.0 | 1.6 | 1.6 | 1.4 | 1.4 |
| 2020 | 5.2 | 5.3 | –2.7 | –2.7 | –7.5 | –7.7 | 8.1 | 8.2 | 6.7 | 6.8 | 2.8 | 2.7 | .3 | .4 |
| 2021 | 2.2 | 2.0 | 7.6 | 7.6 | 5.3 | 5.5 | 5.1 | 5.0 | .3 | .2 | 2.9 | 3.0 | 5.1 | 4.8 |
| 2022 | –1.4 | –1.5 | 2.5 | 2.5 | 3.9 | 4.1 | 3.7 | 3.5 | –4.1 | –4.2 | 5.2 | 5.1 | 8.0 | 7.7 |
| 2023 | 1.9 | 1.8 | 2.9 | 2.9 | 1.0 | 1.1 | 4.1 | 4.1 | .0 | .0 | 2.2 | 2.2 | 3.4 | 3.6 |
| 2024 | 2.8 | 2.8 | 3.0 | 2.9 | .1 | .1 | 5.2 | 5.3 | 2.2 | 2.3 | 2.4 | 2.4 | 1.9 | 2.1 |
| 2022: I | –5.3 | –4.9 | –2.1 | –2.0 | 3.4 | 3.0 | 1.4 | 1.6 | –7.2 | –7.0 | 7.1 | 6.8 | 9.7 | 9.1 |
| II | –3.1 | –3.3 | –.4 | –.3 | 2.8 | 3.0 | .7 | .4 | –8.5 | –8.8 | 3.9 | 3.8 | 10.9 | 10.3 |
| III | .1 | .0 | 2.6 | 2.6 | 2.5 | 2.6 | 7.5 | 7.4 | 1.9 | 1.9 | 7.3 | 7.4 | 4.3 | 4.2 |
| IV | 2.9 | 2.7 | 3.7 | 3.7 | .7 | 1.0 | .7 | .4 | –3.3 | –3.5 | –2.2 | –2.2 | 3.6 | 3.5 |
| 2023: I | .7 | .7 | 2.5 | 2.5 | 1.8 | 1.8 | 3.8 | 3.7 | .1 | .1 | 3.1 | 3.0 | 3.7 | 4.0 |
| II | 3.3 | 3.4 | 2.5 | 2.4 | –.7 | –1.0 | 6.1 | 6.5 | 3.0 | 3.5 | 2.7 | 3.1 | 1.3 | 1.9 |
| III | 4.7 | 4.7 | 4.9 | 5.0 | .2 | .3 | 5.9 | 5.8 | 2.3 | 2.2 | 1.2 | 1.0 | 2.8 | 3.0 |
| IV | 3.6 | 3.5 | 3.4 | 3.4 | –.2 | –.1 | 4.8 | 4.7 | 2.0 | 1.9 | 1.2 | 1.2 | .8 | 1.3 |
| 2024: I | 1.7 | 1.6 | 1.4 | 1.3 | –.3 | –.3 | 10.0 | 10.1 | 6.1 | 6.1 | 8.2 | 8.3 | 2.2 | 2.6 |
| II | 2.3 | 2.1 | 3.3 | 3.0 | 1.0 | 1.0 | 1.1 | 1.1 | –1.6 | –1.6 | –1.1 | –.9 | 2.2 | 2.3 |
| III | 2.4 | 2.9 | 3.5 | 3.6 | 1.1 | .7 | .9 | 1.3 | –.5 | –.1 | –1.4 | –1.5 | 1.4 | 1.1 |
| IV | 2.2 | 1.7 | 2.5 | 2.5 | .3 | .8 | 6.1 | 5.5 | 2.9 | 2.4 | 3.8 | 3.8 | 2.0 | 1.8 |
| 2025: I | –2.0 | –1.8 | –.9 | –.6 | 1.1 | 1.2 | 5.1 | 5.0 | 1.3 | 1.2 | 7.3 | 6.9 | 3.7 | 3.6 |
| II * | 3.6 | 3.3 | 4.4 | 4.4 | .7 | 1.1 | 4.6 | 4.3 | 2.9 | 2.6 | 1.0 | 1.0 | 1.3 | 1.7 |

[1] Output refers to real gross domestic product originating in the sector.
[2] Hours of all persons engaged in the sector, including hours of proprietors and unpaid family workers. Estimates based primarily on establishment data.
[3] Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.
[4] Hourly compensation divided by consumer price series. The trend for 1978-2024 is based on the consumer price index retroactive series (R-CPI-U-RS). The change for recent quarters is based on the consumer price index for all urban consumers (CPI-U).
[5] Current dollar gross domestic output divided by the output index.

Note: Data relate to all persons engaged in the sector.
Percent changes are from preceding period and are based on original data; they therefore may differ slightly from percent changes based on indexes shown here.

* Data based on GDP data released on August 28, 2025.

Source: Department of Labor (Bureau of Labor Statistics).

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