

II. Macroeconomic accounting systems

7. Unit labour costs in selected economic sectors *

| seasonally adjusted + | | | | | | | | | | | | | | | | |
|-----------------------|------------------------------|----------------------------------|-----------|----------------------------------|------------------|----------------------------------|--|----------------------------------|-------------------------------|----------------------------------|----------------------------------|----------------------------------|------------------------|----------------------------------|-------------------|----------------------------------|
| Period | Enterprises ¹ (R) | | of which: | | Construction (R) | | Wholesale and retail trade, hotels and restaurants and transport | | Information and communication | | Financial and insurance services | | Real estate activities | | Business services | |
| | 2015=100 | Change from previous period in % | 2015=100 | Change from previous period in % | 2015=100 | Change from previous period in % | 2015=100 | Change from previous period in % | 2015=100 | Change from previous period in % | 2015=100 | Change from previous period in % | 2015=100 | Change from previous period in % | 2015=100 | Change from previous period in % |
| | | | | | | | | | | | | | | | | |
| 2009 Q1 | 96.06 | 4.6 | 110.48 | 9.6 | 93.96 | 3.9 | 92.39 | 3.6 | 107.87 | 5.7 | 88.55 | -4.4 | 93.48 | -3.5 | 78.74 | 8.3 |
| 2009 Q2 | 95.63 | -0.4 | 107.78 | -2.4 | 96.05 | 2.2 | 92.59 | 0.2 | 104.75 | -2.9 | 95.44 | 7.8 | 92.85 | -0.7 | 79.64 | 1.1 |
| 2009 Q3 | 94.33 | -1.4 | 104.02 | -3.5 | 94.96 | -1.1 | 91.78 | -0.9 | 103.12 | -1.6 | 94.66 | -0.8 | 93.89 | 1.1 | 80.17 | 0.7 |
| 2009 Q4 | 94.12 | -0.2 | 102.20 | -1.7 | 96.35 | 1.5 | 91.49 | -0.3 | 101.73 | -1.3 | 96.05 | 1.5 | 94.76 | 0.9 | 81.27 | 1.4 |
| 2010 Q1 | 93.53 | -0.6 | 96.93 | -5.2 | 90.66 | -5.9 | 96.99 | 6.0 | 106.34 | 4.5 | 89.54 | -6.8 | 94.82 | 0.1 | 81.90 | 0.8 |
| 2010 Q2 | 92.01 | -1.6 | 93.37 | -3.7 | 87.35 | -3.7 | 95.62 | -1.4 | 105.64 | -0.7 | 87.95 | -1.8 | 96.76 | 2.0 | 82.42 | 0.6 |
| 2010 Q3 | 92.05 | 0.0 | 93.22 | -0.2 | 90.05 | 3.1 | 94.45 | -1.2 | 105.08 | -0.5 | 89.55 | 1.8 | 96.20 | -0.6 | 82.71 | 0.4 |
| 2010 Q4 | 91.81 | -0.3 | 91.56 | -1.8 | 92.67 | 2.9 | 94.58 | 0.1 | 105.41 | 0.3 | 89.80 | 0.3 | 96.30 | 0.1 | 83.17 | 0.6 |
| 2011 Q1 | 91.22 | -0.6 | 92.67 | 1.2 | 89.83 | -3.1 | 93.07 | -1.6 | 98.16 | -6.9 | 88.76 | -1.2 | 94.27 | -2.1 | 85.05 | 2.3 |
| 2011 Q2 | 92.08 | 0.9 | 93.39 | 0.8 | 90.92 | 1.2 | 93.74 | 0.7 | 98.15 | -0.0 | 87.91 | -1.0 | 96.11 | 2.0 | 87.05 | 2.4 |
| 2011 Q3 | 92.05 | -0.0 | 92.53 | -0.9 | 92.81 | 2.1 | 94.28 | 0.6 | 97.52 | -0.6 | 87.83 | -0.1 | 94.99 | -1.2 | 87.71 | 0.8 |
| 2011 Q4 | 93.50 | 1.6 | 94.32 | 1.9 | 90.72 | -2.3 | 95.17 | 0.9 | 98.28 | 0.8 | 97.48 | 11.0 | 95.71 | 0.8 | 88.43 | 0.8 |
| 2012 Q1 | 93.44 | -0.1 | 93.03 | -1.4 | 92.67 | 2.1 | 92.54 | -2.8 | 100.47 | 2.2 | 94.52 | -3.0 | 100.26 | 4.8 | 90.45 | 2.3 |
| 2012 Q2 | 95.61 | 2.3 | 96.58 | 3.8 | 95.34 | 2.9 | 94.82 | 2.5 | 100.78 | 0.3 | 94.80 | 0.3 | 100.33 | 0.1 | 91.25 | 0.9 |
| 2012 Q3 | 96.23 | 0.6 | 96.48 | -0.1 | 97.18 | 1.9 | 95.99 | 1.2 | 100.70 | -0.1 | 94.66 | -0.1 | 101.03 | 0.7 | 92.71 | 1.6 |
| 2012 Q4 | 97.23 | 1.0 | 98.68 | 2.3 | 97.95 | 0.8 | 96.74 | 0.8 | 102.01 | 1.3 | 92.84 | -1.9 | 101.08 | 0.0 | 93.50 | 0.9 |
| 2013 Q1 | 97.73 | 0.5 | 101.13 | 2.5 | 100.41 | 2.5 | 98.16 | 1.5 | 97.57 | -4.4 | 92.53 | -0.3 | 95.01 | -6.0 | 92.62 | -0.9 |
| 2013 Q2 | 96.59 | -1.2 | 99.56 | -1.6 | 97.96 | -2.4 | 96.90 | -1.3 | 96.38 | -1.2 | 89.39 | -3.4 | 96.25 | 1.3 | 92.78 | 0.2 |
| 2013 Q3 | 96.63 | 0.0 | 99.90 | 0.3 | 97.62 | -0.3 | 96.64 | -0.3 | 96.67 | 0.3 | 88.71 | -0.8 | 96.15 | -0.1 | 92.58 | -0.2 |
| 2013 Q4 | 97.35 | 0.7 | 99.67 | -0.2 | 99.12 | 1.5 | 97.88 | 1.3 | 97.54 | 0.9 | 92.33 | 4.1 | 97.44 | 1.3 | 93.05 | 0.5 |
| 2014 Q1 | 97.38 | 0.0 | 98.09 | -1.6 | 95.71 | -3.4 | 98.67 | 0.8 | 98.95 | 1.4 | 95.34 | 3.3 | 99.46 | 2.1 | 93.81 | 0.8 |
| 2014 Q2 | 98.38 | 1.0 | 99.63 | 1.6 | 97.36 | 1.7 | 98.88 | 0.2 | 96.82 | -2.2 | 98.86 | 3.7 | 97.85 | -1.6 | 95.63 | 1.9 |
| 2014 Q3 | 97.80 | -0.6 | 98.32 | -1.3 | 97.49 | 0.1 | 98.34 | -0.5 | 96.91 | 0.1 | 99.15 | 0.3 | 98.55 | 0.7 | 95.39 | -0.3 |
| 2014 Q4 | 98.25 | 0.5 | 98.49 | 0.2 | 99.99 | 2.6 | 98.22 | -0.1 | 97.21 | 0.3 | 99.62 | 0.5 | 97.88 | -0.7 | 96.53 | 1.2 |
| 2015 Q1 | 99.66 | 1.4 | 100.62 | 2.2 | 99.36 | -0.6 | 99.18 | 1.0 | 100.42 | 3.3 | 97.89 | -1.7 | 102.41 | 4.6 | 98.63 | 2.2 |
| 2015 Q2 | 100.40 | 0.7 | 100.98 | 0.4 | 100.67 | 1.3 | 100.58 | 1.4 | 100.13 | -0.3 | 100.05 | 2.2 | 97.89 | -4.4 | 99.34 | 0.7 |
| 2015 Q3 | 99.88 | -0.5 | 99.24 | -1.7 | 100.60 | -0.1 | 99.69 | -0.9 | 100.20 | 0.1 | 100.60 | 0.5 | 100.83 | 3.0 | 100.62 | 1.3 |
| 2015 Q4 | 100.06 | 0.2 | 99.20 | -0.0 | 99.36 | -1.2 | 100.55 | 0.9 | 99.30 | -0.9 | 101.47 | 0.9 | 98.92 | -1.9 | 101.35 | 0.7 |
| 2016 Q1 | 101.18 | 1.1 | 99.40 | 0.2 | 101.56 | 2.2 | 102.14 | 1.6 | 101.27 | 2.0 | 104.95 | 3.4 | 105.10 | 6.2 | 101.18 | -0.2 |
| 2016 Q2 | 99.00 | -2.2 | 95.69 | -3.7 | 97.77 | -3.7 | 100.67 | -1.4 | 100.62 | -0.6 | 106.54 | 1.5 | 102.12 | -2.8 | 99.26 | -1.9 |
| 2016 Q3 | 100.61 | 1.6 | 98.22 | 2.6 | 101.77 | 4.1 | 102.04 | 1.4 | 99.43 | -1.2 | 106.32 | -0.2 | 103.88 | 1.7 | 100.28 | 1.0 |
| 2016 Q4 | 101.59 | 1.0 | 99.00 | 0.8 | 102.37 | 0.6 | 102.76 | 0.7 | 102.20 | 2.8 | 103.70 | -2.5 | 105.53 | 1.6 | 102.38 | 2.1 |
| 2017 Q1 | 100.33 | -1.2 | 96.48 | -2.5 | 102.32 | -0.0 | 101.71 | -1.0 | 99.93 | -2.2 | 98.04 | -5.5 | 105.71 | 0.2 | 104.22 | 1.8 |
| 2017 Q2 | 101.46 | 1.1 | 97.67 | 1.2 | 104.56 | 2.2 | 102.77 | 1.0 | 101.70 | 1.8 | 96.62 | -1.4 | 111.35 | 5.3 | 104.96 | 0.7 |
| 2017 Q3 | 101.05 | -0.4 | 96.50 | -1.2 | 104.56 | 0.0 | 103.02 | 0.2 | 101.24 | -0.5 | 95.40 | -1.3 | 108.52 | -2.5 | 105.38 | 0.4 |
| 2017 Q4 | 101.49 | 0.4 | 96.52 | 0.0 | 104.32 | -0.2 | 103.51 | 0.5 | 101.20 | -0.0 | 99.68 | 4.5 | 110.51 | 1.8 | 105.62 | 0.2 |
| 2018 Q1 | 102.52 | 1.0 | 97.77 | 1.3 | 105.76 | 1.4 | 104.13 | 0.6 | 99.37 | -1.8 | 103.33 | 3.7 | 112.04 | 1.4 | 106.76 | 1.1 |
| 2018 Q2 | 103.08 | 0.5 | 98.69 | 0.9 | 106.06 | 0.3 | 104.28 | 0.1 | 100.64 | 1.3 | 104.70 | 1.3 | 115.16 | 2.8 | 105.80 | -0.9 |
| 2018 Q3 | 105.57 | 2.4 | 100.89 | 2.2 | 107.50 | 1.4 | 107.45 | 3.0 | 102.38 | 1.7 | 106.46 | 1.7 | 118.25 | 2.7 | 109.34 | 3.3 |
| 2018 Q4 | 105.03 | -0.5 | 101.58 | 0.7 | 105.74 | -1.6 | 106.04 | -1.3 | 101.74 | -0.6 | 104.42 | -1.9 | 118.51 | 0.2 | 108.27 | -1.0 |
| 2019 Q1 | 106.05 | 1.0 | 101.49 | -0.1 | 112.60 | 6.5 | 105.31 | -0.7 | 104.68 | 2.9 | 105.39 | 0.9 | 118.87 | 0.3 | 110.49 | 2.1 |
| 2019 Q2 | 107.88 | 1.7 | 104.01 | 2.5 | 117.10 | 4.0 | 105.98 | 0.6 | 105.91 | 1.2 | 105.17 | -0.2 | 123.25 | 3.7 | 112.19 | 1.5 |
| 2019 Q3 | 108.03 | 0.1 | 105.33 | 1.3 | 114.19 | -2.5 | 105.62 | -0.3 | 106.05 | 0.1 | 104.40 | -0.7 | 119.61 | -3.0 | 112.06 | -0.1 |
| 2019 Q4 | 107.91 | -0.1 | 104.24 | -1.0 | 115.44 | 1.1 | 106.24 | 0.6 | 106.07 | 0.0 | 104.71 | 0.3 | 118.78 | -0.7 | 112.91 | 0.8 |
| 2020 Q1 | 108.64 | 0.7 | 104.66 | 0.4 | 112.40 | -2.6 | 108.67 | 2.3 | 107.58 | 1.4 | 106.87 | 2.1 | 122.29 | 3.0 | 114.55 | 1.5 |
| 2020 Q2 | 114.86 | 5.7 | 118.32 | 13.1 | 118.26 | 5.2 | 114.99 | 5.8 | 107.76 | 0.2 | 107.32 | 0.4 | 122.05 | -0.2 | 119.16 | 4.0 |
| 2020 Q3 | 108.52 | -5.5 | 105.24 | -11.1 | 120.64 | 2.0 | 106.50 | -7.4 | 108.72 | 0.9 | 106.04 | -1.2 | 121.58 | -0.4 | 114.21 | -4.2 |
| 2020 Q4 | 106.54 | -1.8 | 100.48 | -4.5 | 108.96 | -9.7 | 107.43 | 0.9 | 107.45 | -1.2 | 105.68 | -0.3 | 124.11 | 2.1 | 114.85 | 0.6 |
| 2021 Q1 | 108.06 | 1.4 | 99.87 | -0.6 | 127.61 | 17.1 | 110.06 | 2.4 | 106.15 | -1.2 | 101.56 | -3.9 | 126.38 | 1.8 | 117.70 | 2.5 |
| 2021 Q2 | 107.15 | -0.8 | 99.14 | -0.7 | 123.48 | -3.2 | 109.95 | -0.1 | 108.46 | 2.2 | 98.04 | -3.5 | 125.07 | -1.0 | 114.63 | -2.6 |
| 2021 Q3 | 109.81 | 2.5 | 103.38 | 4.3 | 126.78 | 2.7 | 110.58 | 0.6 | 110.49 | 1.9 | 99.43 | 1.4 | 127.04 | 1.6 | 116.05 | 1.2 |
| 2021 Q4 | 109.60 | -0.2 | 102.23 | -1.1 | 126.00 | -0.6 | 109.54 | -0.9 | 110.60 | 0.1 | 102.21 | 2.8 | 129.42 | 1.9 | 117.43 | 1.2 |
| 2022 Q1 | 111.08 | 1.4 | 104.59 | 2.3 | 130.12 | 3.3 | 111.30 | 1.6 | 111.05 | 0.4 | 98.50 | -3.6 | 131.37 | 1.5 | 117.77 | 0.3 |
| 2022 Q2 | 112.20 | 1.0 | 103.95 | -0.6 | 135.29 | 4.0 | 112.23 | 0.8 | 111.98 | 0.8 | 99.46 | 1.0 | 132.95 | 1.2 | 122.25 | 3.8 |
| 2022 Q3 | 113.16 | 0.9 | 104.59 | 0.6 | 138.84 | 2.6 | 113.28 | 0.9 | 113.65 | 1.5 | 98.94 | -0.5 | 135.59 | 2.0 | 122.76 | 0.4 |
| 2022 Q4 | 116.72 | 3.1 | 107.52 | 2.8 | 144.02 | 3.7 | 117.38 | 3.6 | 116.12 | 2.2 | 98.34 | -0.6 | 132.16 | -2.5 | 128.46 | 4.6 |
| 2023 Q1 ² | 118.70 | 1.7 | 110.15 | 2.4 | 138.86 | -3.6 | 119.50 | 1.8 | 118.45 | 2.0 | 104.74 | 6.5 | 136.72 | 3.5 | 129.80 | 1.0 |
| 2023 Q2 | 120.66 | 1.7 | 111.62 | 1.3 | 144.46 | 4.0 | 123.36 | 3.2 | 119.87 | 1.2 | 104.82 | 0.1 | 136.46 | -0.2 | 130.59 | 0.6 |
| 2023 Q3 | 122.27 | 1.3 | 115.50 | 3.5 | 145.89 | 1.0 | 122.49 | -0.7 | 120.32 | 0.4 | 105.33 | 0.5 | 136.00 | -0.3 | 132.63 | 1.6 |
| 2023 Q4 | 124.49 | 1.8 | 116.95 | 1.3 | 149.48 | 2.5 | 126.36 | 3.2 | 120.52 | 0.2 | 106.81 | 1.4 | 137.21 | 0.9 | 134.26 | 1.2 |
| 2024 Q1 | 127.04 | 2.0 | 121.04 | 3.5 | 147.33 | -1.4 | 126.35 | -0.0 | 124.28 | 3.1 | 113.98 | 6.7 | 141.38 | 3.0 | 137.45 | 2.4 |

Sources of the unadjusted figures: Federal Statistical Office, Institute for Employment Research of the Federal Employment Agency. * Labour costs (compensation per employee hours worked) in relation to labour productivity (gross value added at

previous-year prices per total hours worked). Last update: May 2024. + Not adjusted for working-day variations; derived from seasonally adjusted basic series. ¹ Excluding public and private service providers. ² Figures revised as of Q1 2023.