II. Macroeconomic accounting systems

6. Productivity and labour costs in the economy as a whole *

seasonally adjusted +

Period	GDP at previous-year prices per total hours worked r (R)		Compensation per employee hours worked (domestic concept) r (R)		Labour costs r (R)				GDP deflator	
					Per unit of output 1		Per unit of turnover 2			
	2020 = 100	Change from previous period in %	2020 = 100	Change from previous period in %	2020 = 100	Change from previous period in %	2020 = 100	Change from previous period in %	2020 = 100	Change from previous period in %
2010 Q2	89.63	1.1	73.19	− 0.6	81.66	− 1.7	96.89	− 1.3	84.27	− 0.4
Q3	90.06	0.5	73.44	0.3	81.55	− 0.1	96.08	− 0.8	84.87	0.7
Q4	89.45	− 0.7	72.78	− 0.9	81.36	− 0.2	95.46	− 0.6	85.22	0.4
2011 Q1	91.21	2.0	74.17	1.9	81.32	− 0.0	95.29	− 0.2	85.33	0.1
Q2	91.65	0.5	75.14	1.3	81.99	0.8	95.84	0.6	85.54	0.2
Q3	91.93	0.3	75.45	0.4	82.07	0.1	95.49	− 0.4	85.95	0.5
Q4	91.90	− 0.0	76.08	0.8	82.79	0.9	95.89	0.4	86.33	0.4
2012 Q1	92.03	0.1	76.40	0.4	83.02	0.3	96.02	0.1	86.45	0.1
Q2	92.55	0.6	78.51	2.8	84.83	2.2	97.87	1.9	86.68	0.3
Q3	92.58	0.0	78.97	0.6	85.30	0.6	97.70	− 0.2	87.30	0.7
Q4	92.54	− 0.0	79.50	0.7	85.91	0.7	98.02	0.3	87.66	0.4
2013 Q1	92.59	0.1	80.58	1.4	87.03	1.3	98.47	0.5	88.38	0.8
Q2	92.96	0.4	79.97	− 0.8	86.03	− 1.1	97.29	− 1.2	88.43	0.1
Q3	92.76	− 0.2	80.11	0.2	86.36	0.4	97.11	− 0.2	88.92	0.6
Q4	93.04	0.3	81.12	1.3	87.19	1.0	97.68	0.6	89.26	0.4
2014 Q1	93.22	0.2	81.51	0.5	87.44	0.3	97.29	− 0.4	89.88	0.7
Q2	93.53	0.3	82.27	0.9	87.96	0.6	97.37	0.1	90.33	0.5
Q3	93.96	0.5	82.56	0.4	87.87	− 0.1	97.07	− 0.3	90.52	0.2
Q4	94.48	0.6	83.19	0.8	88.05	0.2	96.89	− 0.2	90.87	0.4
2015 Q1	94.07	− 0.4	83.70	0.6	88.98	1.1	97.35	0.5	91.40	0.6
Q2	94.24	0.2	84.55	1.0	89.72	0.8	97.61	0.3	91.92	0.6
Q3	94.85	0.6	84.89	0.4	89.50	− 0.2	97.08	− 0.5	92.18	0.3
Q4	94.84	− 0.0	84.87	− 0.0	89.49	− 0.0	96.86	− 0.2	92.39	0.2
2016 Q1	95.95	1.2	86.83	2.3	90.50	1.1	97.59	0.8	92.73	0.4
Q2	95.48	− 0.5	85.33	− 1.7	89.37	− 1.2	96.07	− 1.6	93.02	0.3
Q3	95.73	0.3	86.84	1.8	90.71	1.5	97.33	1.3	93.20	0.2
Q4	96.24	0.5	87.92	1.2	91.35	0.7	97.65	0.3	93.55	0.4
2017 Q1	97.04	0.8	87.81	− 0.1	90.49	− 0.9	96.43	− 1.2	93.84	0.3
Q2	97.49	0.5	89.29	1.7	91.59	1.2	97.13	0.7	94.28	0.5
Q3	97.77	0.3	89.60	0.3	91.64	0.1	96.73	− 0.4	94.73	0.5
Q4	98.94	1.2	90.93	1.5	91.90	0.3	96.66	− 0.1	95.07	0.4
2018 Q1	98.84	− 0.1	91.89	1.1	92.97	1.2	97.39	0.8	95.45	0.4
Q2	98.18	− 0.7	91.50	− 0.4	93.20	0.2	97.26	− 0.1	95.82	0.4
Q3	97.88	− 0.3	93.21	1.9	95.23	2.2	98.74	1.5	96.44	0.6
Q4	98.16	0.3	93.51	0.3	95.26	0.0	97.93	− 0.8	97.28	0.9
2019 Q1	98.64	0.5	94.37	0.9	95.67	0.4	98.25	0.3	97.37	0.1
Q2	99.35	0.7	96.43	2.2	97.06	1.5	99.27	1.0	97.78	0.4
Q3	98.80	− 0.6	95.90	− 0.5	97.06	0.0	98.59	− 0.7	98.44	0.7
Q4	99.41	0.6	97.34	1.5	97.92	0.9	98.84	0.3	99.07	0.6
2020 Q1	99.07	− 0.3	98.23	0.9	99.15	1.3	99.30	0.5	99.84	0.8
Q2	96.40	− 2.7	100.36	2.2	104.11	5.0	103.39	4.1	100.70	0.9
Q3	102.93	6.8	101.64	1.3	98.75	− 5.1	99.35	− 3.9	99.40	− 1.3
Q4	101.52	− 1.4	99.86	− 1.8	98.36	− 0.4	98.26	− 1.1	100.10	0.7
2021 Q1	101.13	− 0.4	99.83	− 0.0	98.71	0.4	97.41	− 0.9	101.32	1.2
Q2	100.98	− 0.1	98.86	− 1.0	97.90	− 0.8	96.65	− 0.8	101.28	− 0.0
Q3	102.95	2.0	103.31	4.5	100.35	2.5	96.87	0.2	103.58	2.3
Q4	101.54	− 1.4	101.99	− 1.3	100.44	0.1	96.10	− 0.8	104.50	0.9
2022 Q1	101.72	0.2	103.14	1.1	101.40	1.0	95.16	− 1.0	106.54	2.0
Q2	101.76	0.0	103.80	0.6	102.00	0.6	94.24	− 1.0	108.22	1.6
Q3	101.86	0.1	104.96	1.1	103.04	1.0	94.15	− 0.1	109.42	1.1
Q4	101.51	− 0.3	107.52	2.4	105.92	2.8	95.13	1.0	111.32	1.7
2023 Q1	100.64	− 0.9	108.76	1.2	108.07	2.0	94.16	− 1.0	114.76	3.1
Q2	100.13	− 0.5	110.67	1.8	110.53	2.3	95.19	1.1	116.09	1.2
Q3	100.35	0.2	112.20	1.4	111.81	1.2	95.38	0.2	117.20	1.0
Q4	100.92	0.6	115.26	2.7	114.21	2.1	96.16	0.8	118.76	1.3
2024 Q1	100.56	− 0.4	115.76	0.4	115.12	0.8	96.51	0.4	119.25	0.4
Q2	99.85	− 0.7	115.84	0.1	116.01	0.8	96.71	0.2	119.94	0.6
Q3	100.07	0.2	117.14	1.1	117.06	0.9	97.08	0.4	120.57	0.5
Q4	100.19	0.1	119.12	1.7	118.89	1.6	97.84	0.8	121.49	0.8
2025 Q1	100.67	0.5	120.89	1.5	120.09	1.0	97.93	0.1	122.60	0.9
Q2	101.36	0.7	123.00	1.7	121.35	1.0	98.27	0.3	123.46	0.7
Q3	101.32	− 0.0	123.82	0.7	122.21	0.7	98.25	− 0.0	124.36	0.7
Q4	101.56	0.2	125.31	1.2	123.39	1.0	98.42	0.2	125.35	0.8
2026 Q1	101.72	0.2	125.42	0.1	123.30	− 0.1	97.90	− 0.5	r 125.93	0.5
Q2	102.80	1.1	127.94	2.0	124.46	0.9	98.12	0.2	r 126.81	0.7

Sources of the unadjusted figures: Federal Statistical Office, Institute for Employment Research of the Federal Employment Agency. * Last update: August 2026. + Not adjusted for working-day variations; derived from seasonally adjusted basic series, except GDP deflator. **1** Index of compensation per employee hours worked divided by index of GDP at previous-year prices per total hours worked. **2** Index of compensation per employee hours worked divided by index of nominal GDP per total hours worked.