

II. Macroeconomic accounting systems

7. Unit labour costs in selected economic sectors *

(R) seasonally adjusted +

Period	Enterprises ¹		of which:													
			Production sector excluding construction		Construction		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 %
2007 Q2	85.34	1.0	89.80	1.7	87.65	5.3	83.98	0.1	103.12	1.5	86.44	0.7	96.35	-1.7	66.17	-0.0
Q3	85.33	-0.0	89.55	-0.3	88.25	0.7	84.17	0.2	102.07	-1.0	84.52	-2.2	96.37	0.0	67.29	1.7
Q4	85.19	-0.2	89.09	-0.5	86.69	-1.8	83.66	-0.6	101.56	-0.5	88.63	4.9	94.53	-1.9	67.33	0.1
2008 Q1	86.48	1.5	91.36	2.5	85.80	-1.0	84.27	0.7	102.67	1.1	88.97	0.4	94.27	-0.3	69.57	3.3
Q2	85.63	-1.0	88.76	-2.8	86.02	0.3	84.03	-0.3	103.57	0.9	90.65	1.9	94.49	0.2	69.63	0.1
Q3	88.40	3.2	93.05	4.8	89.16	3.7	87.23	3.8	103.28	-0.3	89.89	-0.8	97.55	3.2	71.67	2.9
Q4	91.79	3.8	100.79	8.3	90.31	1.3	89.26	2.3	101.93	-1.3	92.61	3.0	96.71	-0.9	72.73	1.5
2009 Q1	96.09	4.7	110.56	9.7	93.99	4.1	92.39	3.5	107.85	5.8	88.40	-4.5	93.70	-3.1	78.64	8.1
Q2	95.63	-0.5	107.73	-2.6	96.07	2.2	92.58	0.2	104.89	-2.7	95.34	7.9	92.91	-0.8	79.64	1.3
Q3	94.36	-1.3	104.00	-3.5	94.98	-1.1	91.77	-0.9	103.08	-1.7	94.95	-0.4	93.83	1.0	80.24	0.8
Q4	94.10	-0.3	102.20	-1.7	96.28	1.4	91.52	-0.3	101.64	-1.4	95.99	1.1	94.59	0.8	81.29	1.3
2010 Q1	93.55	-0.6	96.99	-5.1	90.64	-5.9	96.99	6.0	106.30	4.6	89.42	-6.8	95.02	0.5	81.72	0.5
Q2	92.01	-1.6	93.30	-3.8	87.39	-3.6	95.63	-1.4	105.75	-0.5	87.90	-1.7	96.76	1.8	82.47	0.9
Q3	92.07	0.1	93.21	-0.1	90.12	3.1	94.45	-1.2	105.07	-0.6	89.75	2.1	96.16	-0.6	82.78	0.4
Q4	91.79	-0.3	91.58	-1.7	92.57	2.7	94.61	0.2	105.37	0.3	89.77	0.0	96.07	-0.1	83.24	0.6
2011 Q1	91.21	-0.6	92.72	1.2	89.83	-3.0	93.09	-1.6	98.11	-6.9	88.64	-1.3	94.50	-1.6	84.82	1.9
Q2	92.08	1.0	93.31	0.6	90.97	1.3	93.75	0.7	98.20	0.1	87.88	-0.9	96.11	1.7	87.14	2.7
Q3	92.06	-0.0	92.48	-0.9	92.91	2.1	94.26	0.5	97.50	-0.7	87.96	0.1	94.96	-1.2	87.82	0.8
Q4	93.50	1.6	94.41	2.1	90.59	-2.5	95.18	1.0	98.28	0.8	97.47	10.8	95.49	0.6	88.48	0.8
2012 Q1	93.45	-0.1	93.03	-1.5	92.67	2.3	92.55	-2.8	100.42	2.2	94.43	-3.1	100.50	5.2	90.26	2.0
Q2	95.60	2.3	96.47	3.7	95.42	3.0	94.82	2.5	100.77	0.3	94.80	0.4	100.35	-0.1	91.32	1.2
Q3	96.23	0.7	96.46	-0.0	97.29	2.0	95.97	1.2	100.72	-0.0	94.73	-0.1	100.97	0.6	92.79	1.6
Q4	97.25	1.1	98.76	2.4	97.76	0.5	96.76	0.8	102.07	1.3	92.84	-2.0	100.88	-0.1	93.50	0.8
2013 Q1	97.74	0.5	101.09	2.4	100.42	2.7	98.20	1.5	97.52	-4.5	92.46	-0.4	95.23	-5.6	92.56	-1.0
Q2	96.58	-1.2	99.47	-1.6	98.00	-2.4	96.92	-1.3	96.29	-1.3	89.42	-3.3	96.25	1.1	92.84	0.3
Q3	96.62	0.0	99.90	0.4	97.66	-0.3	96.59	-0.3	96.73	0.5	88.71	-0.8	96.09	-0.2	92.64	-0.2
Q4	97.37	0.8	99.82	-0.1	99.01	1.4	97.90	1.4	97.60	0.9	92.36	4.1	97.28	1.2	93.02	0.4
2014 Q1	97.39	0.0	98.05	-1.8	95.74	-3.3	98.72	0.8	98.91	1.3	95.30	3.2	99.71	2.5	93.81	0.8
Q2	98.33	1.0	99.56	1.5	97.31	1.6	98.91	0.2	96.70	-2.2	98.88	3.8	97.85	-1.9	95.65	2.0
Q3	97.80	-0.5	98.34	-1.2	97.52	0.2	98.29	-0.6	97.04	0.4	99.13	0.3	98.42	0.6	95.42	-0.2
Q4	98.29	0.5	98.62	0.3	100.00	2.5	98.19	-0.1	97.25	0.2	99.65	0.5	97.77	-0.7	96.49	1.1
2015 Q1	99.66	1.4	100.54	1.9	99.45	-0.5	99.26	1.1	100.35	3.2	97.87	-1.8	102.71	5.1	98.58	2.2
Q2	100.36	0.7	100.92	0.4	100.46	1.0	100.61	1.4	99.92	-0.4	100.12	2.3	97.83	-4.8	99.39	0.8
Q3	99.85	-0.5	99.22	-1.7	100.53	0.1	99.60	-1.0	100.46	0.5	100.52	0.4	100.65	2.9	100.67	1.3
Q4	100.12	0.3	99.39	0.2	99.58	-0.9	100.52	0.9	99.31	-1.1	101.51	1.0	98.86	-1.8	101.32	0.6
2016 Q1	101.16	1.0	99.27	-0.1	101.60	2.0	102.30	1.8	101.20	1.9	104.96	3.4	105.40	6.6	101.00	-0.3
Q2	98.98	-2.2	95.70	-3.6	97.40	-4.1	100.66	-1.6	100.35	-0.8	106.63	1.6	102.03	-3.2	99.37	-1.6
Q3	100.60	1.6	98.15	2.6	101.72	4.4	101.96	1.3	99.83	-0.5	106.21	-0.4	103.71	1.6	100.37	1.0
Q4	101.66	1.1	99.20	1.1	102.79	1.1	102.67	0.7	102.12	2.3	103.75	-2.3	105.51	1.7	102.36	2.0
2017 Q1	100.31	-1.3	96.34	-2.9	102.27	-0.5	101.96	-0.7	99.84	-2.2	98.05	-5.5	106.09	0.5	103.85	1.5
Q2	101.42	1.1	97.72	1.4	103.90	1.6	102.80	0.8	101.34	1.5	96.70	-1.4	111.11	4.7	105.14	1.2
Q3	101.01	-0.4	96.38	-1.4	104.53	0.6	102.92	0.1	101.83	0.5	95.29	-1.5	108.36	-2.5	105.52	0.4
Q4	101.58	0.6	96.74	0.4	105.04	0.5	103.36	0.4	101.07	-0.7	99.70	4.6	110.51	2.0	105.67	0.1
2018 Q1	102.47	0.9	97.69	1.0	105.35	0.3	104.50	1.1	99.24	-1.8	103.40	3.7	112.60	1.9	106.10	0.4
Q2	103.03	0.5	98.73	1.1	105.20	-0.1	104.28	-0.2	100.08	0.8	104.76	1.3	114.74	1.9	106.13	0.0
Q3	105.56	2.5	100.75	2.0	107.59	2.3	107.29	2.9	103.21	3.1	106.38	1.5	118.06	2.9	109.55	3.2
Q4	105.11	-0.4	101.75	1.0	106.88	-0.7	105.84	-1.4	101.59	-1.6	104.40	-1.9	118.52	0.4	108.37	-1.1
2019 Q1	106.00	0.8	101.75	0.0	112.15	4.9	105.60	-0.2	104.49	2.9	105.74	1.3	118.95	0.4	109.44	1.0
Q2	107.76	1.7	104.28	2.5	116.18	3.6	105.77	0.2	105.08	0.6	105.71	-0.0	121.82	2.4	112.52	2.8
Q3	108.13	0.3	105.29	1.0	114.73	-1.2	105.90	0.1	106.70	1.5	104.40	-1.2	118.70	-2.6	112.53	0.0
Q4	107.99	-0.1	104.37	-0.9	117.70	2.6	106.75	0.8	105.55	-1.1	103.09	-1.3	117.83	-0.7	112.85	0.3
2020 Q1	108.31	0.3	105.36	0.9	111.74	-5.1	108.59	1.7	106.57	1.0	103.32	0.2	121.69	3.3	113.11	0.2
Q2	114.73	5.9	118.82	12.8	117.64	5.3	116.54	7.3	107.43	0.8	100.48	-2.7	119.84	-1.5	120.05	6.1
Q3	108.63	-5.3	105.66	-11.1	121.89	3.6	107.44	-7.8	108.90	1.4	100.44	-0.0	120.38	0.5	114.97	-4.2
Q4	106.65	-1.8	100.59	-4.8	111.97	-8.1	108.18	0.7	107.66	-1.1	102.24	1.8	122.77	2.0	115.09	0.1
2021 Q1	109.08	2.3	103.59	3.0	122.51	9.4	108.45	0.2	109.78	2.0	102.98	0.7	124.80	1.7	118.23	2.7
Q2	108.45	-0.6	102.82	-0.7	119.01	-2.9	110.01	1.4	112.81	2.8	100.64	-2.3	122.83	-1.6	114.13	-3.5
Q3	110.55	1.9	106.30	3.4	122.75	3.1	108.82	-1.1	114.88	1.8	103.74	3.1	125.43	2.1	115.28	1.0
Q4	110.95	0.4	105.02	-1.2	125.84	2.5	109.44	0.6	114.92	0.0	104.75	1.0	128.38	2.4	117.60	2.0
2022 Q1	111.59	0.6	108.17	3.0	124.41	-1.1	108.36	-1.0	114.99	0.1	99.93	-4.6	128.80	0.3	118.23	0.5
Q2	113.09	1.3	108.26	0.1	130.24	4.7	111.63	3.0	115.19	0.2	101.71	1.8	132.27	2.7	118.94	0.6

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: August 2022. + Not adjusted

for working-day variations; derived from seasonally adjusted basic series. ¹ Excluding public and private service providers. ² Quarterly change mainly affected by the particularly significant calendar irregularities, which are largely balanced out over a six-month period. ³ Figures revised as of Q1 2018.

II. Macroeconomic accounting systems

7. Unit labour costs in selected economic sectors

