

## II. Macroeconomic accounting systems

### 7. Unit labour costs in selected economic sectors \*

seasonally adjusted +

Period	Enterprises 1 (R)		of which:													
	Change from previous period		Production sector excluding construction		Construction (R)		Wholesale and retail trade, hotels and restaurants and transport		Information and communication		Financial and insurance services		Real estate activities		Business services (R)	
	2015=100	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 %
2008 Q4	91.82	3.9	100.79	8.3	90.38	1.4	89.22	2.3	102.03	-1.2	92.66	3.4	96.90	-0.7	72.72	1.5
2009 Q1	96.09	4.7	110.58	9.7	94.00	4.0	92.39	3.6	107.87	5.7	88.55	-4.4	93.48	-3.5	78.74	8.3
Q2	95.62	-0.5	107.75	-2.6	96.03	2.2	92.59	0.2	104.75	-2.9	95.44	7.8	92.85	-0.7	79.64	1.1
Q3	94.33	-1.3	104.01	-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
Q4	94.11	-0.2	102.18	-1.8	96.34	1.5	91.49	-0.3	101.73	-1.3	96.05	1.5	94.76	0.9	81.27	1.4
2010 Q1	93.57	-0.6	97.00	-5.1	90.61	-5.9	96.99	6.0	106.34	4.5	89.54	-6.8	94.82	0.1	81.90	0.8
Q2	92.00	-1.7	93.35	-3.8	87.35	-3.6	95.62	-1.4	105.64	-0.7	87.95	-1.8	96.76	2.0	82.42	0.6
Q3	92.05	0.1	93.20	-0.2	90.09	3.1	94.45	-1.2	105.08	-0.5	89.55	1.8	96.20	-0.6	82.71	0.4
Q4	91.80	-0.3	91.53	-1.8	92.68	2.9	94.58	0.1	105.41	0.3	89.80	0.3	96.30	0.1	83.17	0.6
2011 Q1	91.23	-0.6	92.75	1.3	89.78	-3.1	93.07	-1.6	98.16	-6.9	88.76	-1.2	94.27	-2.1	85.05	2.3
Q2	92.07	0.9	93.35	0.6	90.92	1.3	93.74	0.7	98.15	-0.0	87.91	-1.0	96.11	2.0	87.05	2.4
Q3	92.03	-0.0	92.51	-0.9	92.84	2.1	94.28	0.6	97.52	-0.6	87.83	-0.1	94.99	-1.2	87.71	0.8
Q4	93.49	1.6	94.31	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	93.45	-0.0	93.08	-1.3	92.62	2.1	92.54	-2.8	100.47	2.2	94.52	-3.0	100.26	4.8	90.45	2.3
Q2	95.60	2.3	96.56	3.7	95.36	3.0	94.82	2.5	100.78	0.3	94.80	0.3	100.33	0.1	91.25	0.9
Q3	96.22	0.6	96.47	-0.1	97.21	1.9	95.99	1.2	100.70	-0.1	94.66	-0.1	101.03	0.7	92.71	1.6
Q4	97.23	1.0	98.66	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	97.74	0.5	101.15	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
Q2	96.59	-1.2	99.55	-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
Q3	96.62	0.0	99.87	0.3	97.63	-0.3	96.64	-0.3	96.67	0.3	88.71	-0.8	96.15	-0.1	92.58	-0.2
Q4	97.35	0.8	99.67	-0.2	99.13	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	95.73	-3.4	98.67	0.8	98.95	1.4	95.34	3.3	99.46	2.1	93.81	0.8
Q2	98.38	1.0	99.64	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
Q3	97.79	-0.6	98.31	-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
Q4	98.25	0.5	98.50	0.2	99.96	2.5	98.22	-0.1	97.21	0.3	99.62	0.5	97.88	-0.7	96.53	1.2
2015 Q1	99.67	1.4	100.62	2.2	99.46	-0.5	99.18	1.0	100.42	3.3	97.89	-1.7	102.41	4.6	98.63	2.2
Q2	100.40	0.7	100.98	0.4	100.63	1.2	100.58	1.4	100.13	-0.3	100.05	2.2	97.89	-4.4	99.34	0.7
Q3	99.88	-0.5	99.23	-1.7	100.57	-0.1	99.69	-0.9	100.20	0.1	100.60	0.5	100.83	3.0	100.62	1.3
Q4	100.06	0.2	99.21	-0.0	99.35	-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	99.41	0.2	101.64	2.3	102.14	1.6	101.27	2.0	104.95	3.4	105.10	6.2	101.18	-0.2
Q2	99.00	-2.2	95.69	-3.7	97.74	-3.8	100.67	-1.4	100.62	-0.6	106.54	1.5	102.12	-2.8	99.26	-1.9
Q3	100.60	1.6	98.21	2.6	101.72	4.1	102.04	1.4	99.43	-1.2	106.32	-0.2	103.88	1.7	100.28	1.0
Q4	101.60	1.0	99.01	0.8	102.35	0.6	102.76	0.7	102.20	2.8	103.70	-2.5	105.53	1.6	102.38	2.1
2017 Q1	100.35	-1.2	96.51	-2.5	102.43	0.1	101.71	-1.0	99.93	-2.2	98.04	-5.5	105.71	0.2	104.22	1.8
Q2	101.46	1.1	97.67	1.2	104.44	2.0	102.77	1.0	101.70	1.8	96.62	-1.4	111.35	5.3	104.96	0.7
Q3	101.03	-0.4	96.47	-1.2	104.47	0.0	103.02	0.2	101.24	-0.5	95.40	-1.3	108.52	-2.5	105.38	0.4
Q4	101.50	0.5	96.52	0.1	104.39	-0.1	103.51	0.5	101.20	-0.0	99.68	4.5	110.51	1.8	105.62	0.2
2018 Q1	102.56	1.0	97.88	1.4	105.74	1.3	104.13	0.6	99.37	-1.8	103.33	3.7	112.04	1.4	106.76	1.1
Q2	103.07	0.5	98.68	0.8	105.96	0.2	104.28	0.1	100.64	1.3	104.70	1.3	115.16	2.8	105.80	-0.9
Q3	105.54	2.4	100.85	2.2	107.38	1.3	107.45	3.0	102.38	1.7	106.46	1.7	118.25	2.7	109.34	3.3
Q4	105.02	-0.5	101.52	0.7	105.96	-1.3	106.04	-1.3	101.74	-0.6	104.42	-1.9	118.51	0.2	108.27	-1.0
2019 Q1	106.14	1.1	101.79	0.3	112.49	6.2	105.31	-0.7	104.68	2.9	105.39	0.9	118.87	0.3	110.49	2.1
Q2	107.86	1.6	103.96	2.1	116.92	3.9	105.98	0.6	105.91	1.2	105.17	-0.2	123.25	3.7	112.19	1.5
Q3	107.98	0.1	105.27	1.3	114.00	-2.5	105.62	-0.3	106.05	0.1	104.40	-0.7	119.61	-3.0	112.06	-0.1
Q4	107.88	-0.1	104.06	-1.1	115.89	1.7	106.24	0.6	106.07	0.0	104.71	0.3	118.78	-0.7	112.91	0.8
2020 Q1	108.85	0.9	105.24	1.1	112.16	-3.2	108.67	2.3	107.58	1.4	106.87	2.1	122.29	3.0	114.55	1.5
Q2	114.80	5.5	118.16	12.3	118.08	5.3	114.99	5.8	107.76	0.2	107.32	0.4	122.05	-0.2	119.16	4.0
Q3	108.49	-5.5	105.17	-11.0	120.39	2.0	106.50	-7.4	108.72	0.9	106.04	-1.2	121.58	-0.4	114.21	-4.2
Q4	106.44	-1.9	100.11	-4.8	109.55	-9.0	107.43	0.9	107.45	-1.2	105.68	-0.3	124.11	2.1	114.85	0.6
2021 Q1	108.40	1.8	100.79	0.7	127.11	16.0	110.06	2.4	106.15	-1.2	101.56	-3.9	126.38	1.8	117.70	2.5
Q2	107.08	-1.2	98.96	-1.8	123.29	-3.0	109.95	-0.1	108.46	2.2	98.04	-3.5	125.07	-1.0	114.63	-2.6
Q3	109.77	2.5	103.31	4.4	126.52	2.6	110.58	0.6	110.49	1.9	99.43	1.4	127.04	1.6	116.05	1.2
Q4	109.40	-0.3	101.61	-1.6	126.93	0.3	109.54	-0.9	110.60	0.1	102.21	2.8	129.42	1.9	117.43	1.2
2022 Q1	111.54	2.0	105.93	4.3	129.38	1.9	111.30	1.6	111.05	0.4	98.50	-3.6	131.37	1.5	117.77	0.3
Q2	112.08	0.5	103.66	-2.1	135.16	4.5	112.23	0.8	111.98	0.8	99.46	-1.0	132.95	1.2	122.25	3.8
Q3	113.12	0.9	104.47	0.8	138.51	2.5	113.28	0.9	113.65	1.5	98.94	-0.5	135.59	2.0	122.76	0.4
Q4	116.44	2.9	106.57	2.0	145.38	5.0	117.38	3.6	116.12	2.2	98.34	-0.6	132.16	-2.5	128.46	4.6
2023 Q1 2	119.54	2.7	112.96	6.0	137.66	-5.3	119.30	1.6	118.41	2.0	104.25	6.0	136.46	3.3	129.76	1.0
Q2	120.56	0.9	111.82	-1.0	144.09	4.7	123.18	3.3	119.71	1.1	104.75	0.5	136.15	-0.2	130.31	0.4
Q3	122.40	1.5	115.63	3.4	145.71	1.1	122.81	-0.3	120.50	0.7	105.00	0.2	136.22	0.1	132.86	2.0
Q4	124.09	1.4	115.43	-0.2	150.35	3.2	126.21	2.8	121.96	1.2	104.54	-0.4	137.61	1.0	135.04	1.6

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: February 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.