

II. Macroeconomic accounting systems

7. Unit labour costs in selected economic sectors *

seasonally adjusted +

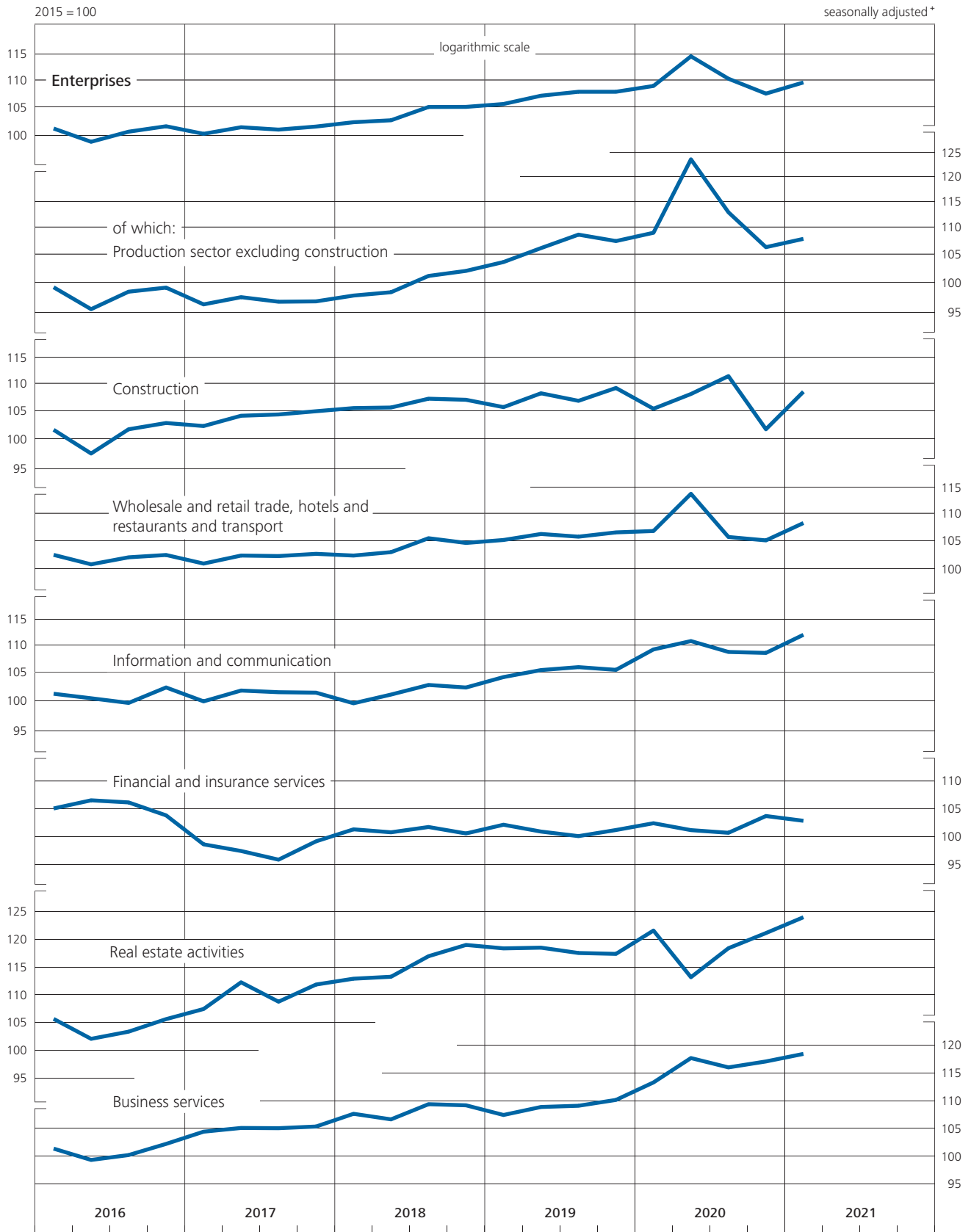
Period	Enterprises 1 (R)		of which:		Construction		Wholesale and retail trade, hotels and restaurants and transport (R)		Information and communication		Financial and insurance services		Real estate activities		Business services	
	2015=100	Change from previous period in %	Production sector excluding construction		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 %												
2006 Q1	86.04	-1.6	90.31	-2.6	84.79	1.3	85.04	-4.4	111.86	-3.9	86.80	1.2	99.61	-1.1	65.89	3.1
2006 Q2	86.04	0.0	90.58	0.3	84.85	0.1	84.95	-0.1	110.57	-1.2	86.19	-0.7	98.22	-1.4	65.92	0.0
2006 Q3	86.37	0.4	91.10	0.6	83.08	-2.1	84.68	-0.3	110.38	-0.2	87.69	1.7	99.33	1.1	66.75	1.3
2006 Q4	84.61	-2.0	88.88	-2.4	81.44	-2.0	82.42	-2.7	108.58	-1.6	86.70	-1.1	98.59	-0.7	65.81	-1.4
2007 Q1	84.54	-0.1	88.39	-0.6	83.10	2.0	84.03	2.0	101.52	-6.5	85.86	-1.0	97.82	-0.8	66.20	0.6
2007 Q2	85.34	0.9	89.81	1.6	87.73	5.6	84.00	-0.0	103.19	1.6	86.39	0.6	96.37	-1.5	66.19	-0.0
2007 Q3	85.31	-0.0	89.58	-0.3	88.20	0.5	84.10	0.1	102.11	-1.0	84.53	-2.2	96.40	0.0	67.31	1.7
2007 Q4	85.16	-0.2	88.98	-0.7	86.76	-1.6	83.57	-0.6	101.55	-0.5	88.65	4.9	94.76	-1.7	67.31	0.0
2008 Q1	86.50	1.6	91.42	2.7	85.65	-1.3	84.39	1.0	102.61	1.0	88.97	0.4	94.07	-0.7	69.56	3.3
2008 Q2	85.65	-1.0	88.78	-2.9	86.14	0.6	84.05	-0.4	103.67	1.0	90.60	1.8	94.49	0.4	69.64	0.1
2008 Q3	88.42	3.2	93.10	4.9	89.02	3.3	87.18	3.7	103.38	-0.3	89.89	-0.8	97.53	3.2	71.67	2.9
2008 Q4	91.75	3.8	100.64	8.1	90.49	1.7	89.17	2.3	101.77	-1.6	92.64	3.1	96.93	-0.6	72.71	1.5
2009 Q1	96.09	4.7	110.59	9.9	93.88	3.7	92.51	3.7	107.78	5.9	88.41	-4.6	93.52	-3.5	78.64	8.2
2009 Q2	95.66	-0.4	107.81	-2.5	96.24	2.5	92.60	0.1	105.02	-2.6	95.31	7.8	92.90	-0.7	79.65	1.3
2009 Q3	94.36	-1.4	104.09	-3.5	94.75	-1.5	91.72	-1.0	103.24	-1.7	94.95	-0.4	93.80	1.0	80.27	0.8
2009 Q4	94.05	-0.3	102.06	-2.0	96.46	1.8	91.42	-0.3	101.42	-1.8	96.01	1.1	94.82	1.1	81.27	1.2
2010 Q1	93.55	-0.5	96.98	-5.0	90.65	-6.0	97.13	6.2	106.20	4.7	89.41	-6.9	94.85	0.0	81.73	0.6
2010 Q2	92.05	-1.6	93.36	-3.7	87.49	-3.5	95.66	-1.5	105.91	-0.3	87.89	-1.7	96.72	2.0	82.47	0.9
2010 Q3	92.08	0.0	93.27	-0.1	89.78	2.6	94.39	-1.3	105.21	-0.7	89.73	2.1	96.14	-0.6	82.78	0.4
2010 Q4	91.75	-0.4	91.44	-2.0	92.81	3.4	94.51	0.1	105.13	-0.1	89.81	0.1	96.30	0.2	83.23	0.5
2011 Q1	91.21	-0.6	92.75	1.4	89.87	-3.2	93.20	-1.4	98.07	-6.7	88.63	-1.3	94.35	-2.0	84.83	1.9
2011 Q2	92.14	1.0	93.42	0.7	91.04	1.3	93.77	0.6	98.37	0.3	87.91	-0.8	96.04	1.8	87.14	2.7
2011 Q3	92.05	-0.1	92.57	-0.9	92.55	1.7	94.22	0.5	97.62	-0.8	87.94	0.0	94.89	-1.2	87.82	0.8
2011 Q4	93.44	1.5	94.20	1.8	90.80	-1.9	95.10	0.9	98.04	0.4	97.48	10.8	95.74	0.9	88.46	0.7
2012 Q1	93.46	0.0	93.05	-1.2	92.75	2.1	92.67	-2.6	100.45	2.5	94.43	-3.1	100.35	4.8	90.29	2.1
2012 Q2	95.65	2.3	96.62	3.8	95.45	2.9	94.84	2.3	100.89	0.4	94.84	0.4	100.26	-0.1	91.33	1.2
2012 Q3	96.24	0.6	96.53	-0.1	96.92	1.5	95.95	1.2	100.76	-0.1	94.70	-0.1	100.93	0.7	92.77	1.6
2012 Q4	97.17	1.0	98.54	2.1	97.99	1.1	96.62	0.7	101.88	1.1	92.87	-1.9	101.11	0.2	93.47	0.8
2013 Q1	97.75	0.6	101.07	2.6	100.43	2.5	98.35	1.8	97.56	-4.2	92.48	-0.4	95.20	-5.8	92.60	-0.9
2013 Q2	96.63	-1.1	99.59	-1.5	98.04	-2.4	96.94	-1.4	96.35	-1.2	89.41	-3.3	96.18	1.0	92.85	0.3
2013 Q3	96.64	0.0	99.97	0.4	97.46	-0.6	96.59	-0.4	96.69	0.4	88.69	-0.8	96.00	-0.2	92.61	-0.3
2013 Q4	97.30	0.7	99.60	-0.4	99.21	1.8	97.73	1.2	97.53	0.9	92.37	4.1	97.44	1.5	92.98	0.4
2014 Q1	97.40	0.1	97.98	-1.6	95.74	-3.5	98.88	1.2	98.93	1.4	95.31	3.2	99.75	2.4	93.88	1.0
2014 Q2	98.37	1.0	99.63	1.7	97.32	1.7	98.92	0.0	96.73	-2.2	98.86	3.7	97.77	-2.0	95.69	1.9
2014 Q3	97.83	-0.5	98.46	-1.2	97.42	0.1	98.31	-0.6	96.92	0.2	99.10	0.2	98.32	0.6	95.37	-0.3
2014 Q4	98.21	0.4	98.47	0.0	100.10	2.8	97.99	-0.3	97.32	0.4	99.67	0.6	97.90	-0.4	96.45	1.1
2015 Q1	99.69	1.5	100.45	2.0	99.38	-0.7	99.40	1.4	100.37	3.1	97.92	-1.8	102.85	5.1	98.76	2.4
2015 Q2	100.36	0.7	100.89	0.4	100.56	1.2	100.64	1.2	99.96	-0.4	100.05	2.2	97.81	-4.9	99.40	0.6
2015 Q3	99.91	-0.4	99.43	-1.4	100.51	-0.0	99.66	-1.0	100.28	0.3	100.50	0.4	100.45	2.7	100.58	1.2
2015 Q4	100.04	0.1	99.28	-0.2	99.57	-0.9	100.27	0.6	99.44	-0.8	101.54	1.0	98.95	-1.5	101.22	0.6
2016 Q1	101.21	1.2	99.20	-0.1	101.57	2.0	102.43	2.2	101.19	1.8	105.05	3.5	105.65	6.8	101.36	0.1
2016 Q2	98.93	-2.3	95.54	-3.7	97.52	-4.0	100.78	-1.6	100.41	-0.8	106.52	1.4	102.06	-3.4	99.32	-2.0
2016 Q3	100.66	1.7	98.45	3.0	101.66	4.2	102.00	1.2	99.61	-0.8	106.14	-0.4	103.35	1.3	100.20	0.9
2016 Q4	101.60	0.9	99.14	0.7	102.76	1.1	102.41	0.4	102.29	2.7	103.81	-2.2	105.61	2.2	102.21	2.0
2017 Q1	100.29	-1.3	96.33	-2.8	102.23	-0.5	100.91	-1.5	99.88	-2.4	98.59	-5.0	107.43	1.7	104.41	2.2
2017 Q2	101.43	1.1	97.53	1.2	104.05	1.8	102.31	1.4	101.75	1.9	97.39	-1.2	112.24	4.5	105.08	0.6
2017 Q3	101.02	-0.4	96.77	-0.8	104.28	0.2	102.22	-0.1	101.46	-0.3	95.83	-1.6	108.75	-3.1	105.04	-0.0
2017 Q4	101.55	0.5	96.83	0.1	104.86	0.6	102.61	0.4	101.38	-0.1	99.13	3.4	111.84	2.8	105.34	0.3
2018 Q1	102.31	0.7	97.80	1.0	105.43	0.5	102.31	-0.3	99.55	-1.8	101.29	2.2	112.89	0.9	107.63	2.2
2018 Q2	102.65	0.3	98.36	0.6	105.53	0.1	102.91	0.6	101.05	1.5	100.76	-0.5	113.24	0.3	106.63	-0.9
2018 Q3	105.02	2.3	101.15	2.8	107.14	1.5	105.40	2.4	102.73	1.7	101.71	0.9	116.94	3.3	109.36	-2.6
2018 Q4	105.04	0.0	102.03	0.9	106.94	-0.2	104.55	-0.8	102.28	-0.4	100.55	-1.1	118.97	1.7	109.16	-0.2
2019 Q1	105.56	0.5	103.59	1.5	105.60	-1.3	105.08	0.5	104.13	1.8	102.12	1.6	118.35	-0.5	107.42	-1.6
2019 Q2	107.07	1.4	106.10	2.4	108.14	2.4	106.17	1.0	105.39	1.2	100.89	-1.2	118.48	0.1	108.86	1.3
2019 Q3	107.80	0.7	108.58	2.3	106.75	-1.3	105.68	-0.5	105.92	0.5	100.07	-0.8	117.52	-0.8	109.08	0.2
2019 Q4	107.80	0.0	107.39	-1.1	109.13	2.2	106.46	0.7	105.43	-0.5	101.17	1.1	117.36	-0.1	110.13	1.0
2020 Q1	108.88	1.0	108.93	1.4	105.31	-3.5	106.71	0.2	109.19	3.6	102.39	1.2	121.56	3.6	113.28	2.9
2020 Q2	114.56	5.2	123.56	13.4	108.01	2.6	113.75	6.6	110.77	1.4	101.15	-1.2	113.16	-6.9	117.67	3.9
2020 Q3	110.24	-3.8	112.83	-8.7	111.37	3.1	105.62	-7.1	108.72	-1.9	100.67	-0.5	118.38	4.6	115.99	-1.4
2020 Q4	107.46	-2.5	106.27	-5.8	101.67	-8.7	105.01	-0.6	108.54	-0.2	103.69	3.0	121.11	2.3	117.06	0.9
2021 Q1	109.54	1.9	107.80	1.4	108.43	6.6	108.18	3.0	111.97	3.2	102.83	-0.8	123.96	2.4	118.42	1.2

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 2021. + 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 2020.

II. Macroeconomic accounting systems

7. Unit labour costs in selected economic sectors



* Not adjusted for working-day variations.