

II. Macroeconomic accounting systems

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

(R) seasonally adjusted +

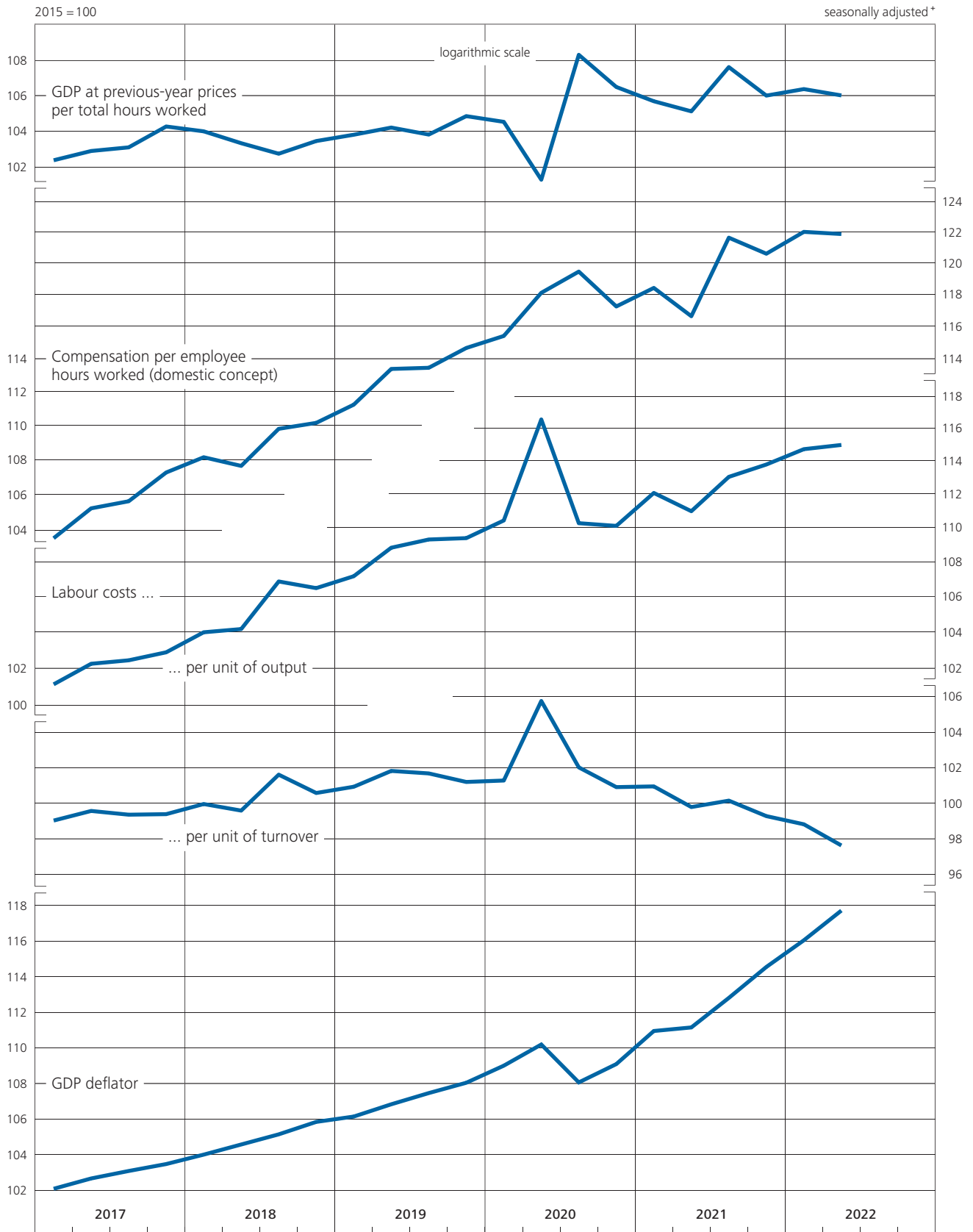
Period	GDP at previous-year prices per total hours worked		Compensation per employee hours worked (domestic concept)		Labour costs				GDP deflator	
	2015 = 100	Change from previous period in %	2015 = 100	Change from previous period in %	Per unit of output 1		Per unit of turnover 2		2015 = 100	Change from previous period in %
					2015 = 100	Change from previous period in %	2015 = 100	Change from previous period in %		
2006 Q3	94.64	0.1	80.84	0.6	85.42	0.4	97.56	0.4	87.54	0.0
2006 Q4	95.53	0.9	80.32	-0.6	84.08	-1.6	95.68	-1.9	87.87	0.4
2007 Q1	94.99	-0.6	79.90	-0.5	84.11	0.0	94.92	-0.8	88.61	0.8
2007 Q2	95.43	0.5	80.78	1.1	84.65	0.6	95.19	0.3	88.92	0.3
2007 Q3	95.90	0.5	81.42	0.8	84.90	0.3	95.15	-0.0	89.21	0.3
2007 Q4	96.31	0.4	81.62	0.2	84.75	-0.2	94.64	-0.5	89.54	0.4
2008 Q1	96.31	0.0	3 82.35	0.9	3 85.51	0.9	3 95.54	1.0	89.49	-0.1
2008 Q2	95.88	-0.4	3 81.71	-0.8	3 85.22	-0.3	3 94.95	-0.6	89.76	0.3
2008 Q3	95.74	-0.1	83.42	2.1	87.13	2.2	96.86	2.0	89.95	0.2
2008 Q4	94.80	-1.0	85.04	1.9	89.70	2.9	99.29	2.5	90.35	0.4
2009 Q1	91.37	-3.6	85.41	0.4	93.48	4.2	102.74	3.5	90.97	0.7
2009 Q2	92.74	1.5	86.52	1.3	93.29	-0.2	102.15	-0.6	91.32	0.4
2009 Q3	93.27	0.6	86.65	0.2	92.90	-0.4	101.19	-0.9	91.80	0.5
2009 Q4	93.83	0.6	86.59	-0.1	92.28	-0.7	100.25	-0.9	92.03	0.3
2010 Q1	94.08	0.3	87.37	0.9	92.87	0.6	100.83	0.6	92.09	0.1
2010 Q2	95.11	1.1	86.74	-0.7	91.20	-1.8	99.56	-1.3	91.59	-0.5
2010 Q3	95.52	0.4	87.19	0.5	91.28	0.1	98.88	-0.7	92.30	0.8
2010 Q4	95.03	-0.5	86.38	-0.9	90.90	-0.4	98.26	-0.6	92.50	0.2
2011 Q1	96.94	2.0	88.02	1.9	90.80	-0.1	98.13	-0.1	92.53	0.0
2011 Q2	97.31	0.4	89.24	1.4	91.71	1.0	98.73	0.6	92.88	0.4
2011 Q3	97.87	0.6	89.57	0.4	91.52	-0.2	98.15	-0.6	93.24	0.4
2011 Q4	97.50	-0.4	90.26	0.8	92.57	1.1	98.66	0.5	93.83	0.6
2012 Q1	97.50	0.0	90.53	0.3	92.85	0.3	98.90	0.2	93.89	0.1
2012 Q2	98.18	0.7	93.08	2.8	94.81	2.1	100.73	1.9	94.11	0.2
2012 Q3	98.31	0.1	93.58	0.5	95.19	0.4	100.44	-0.3	94.76	0.7
2012 Q4	98.06	-0.3	94.15	0.6	96.01	0.9	100.76	0.3	95.28	0.5
2013 Q1	98.17	0.1	95.35	1.3	97.13	1.2	101.26	0.5	95.91	0.7
2013 Q2	98.39	0.2	94.65	-0.7	96.20	-1.0	100.01	-1.2	96.19	0.3
2013 Q3	98.42	0.0	94.92	0.3	96.44	0.2	99.82	-0.2	96.61	0.4
2013 Q4	98.89	0.5	96.21	1.4	97.29	0.9	100.57	0.8	96.74	0.1
2014 Q1	98.93	0.0	96.50	0.3	97.54	0.3	99.91	-0.7	97.62	0.9
2014 Q2	99.21	0.3	97.39	0.9	98.17	0.6	100.02	0.1	98.13	0.5
2014 Q3	99.66	0.5	97.70	0.3	98.03	-0.1	99.65	-0.4	98.37	0.2
2014 Q4	100.19	0.5	98.44	0.8	98.25	0.2	99.72	0.1	98.53	0.2
2015 Q1	99.47	-0.7	99.01	0.6	99.54	1.3	100.04	0.3	99.49	1.0
2015 Q2	99.76	0.3	100.01	1.0	100.25	0.7	100.34	0.3	99.89	0.4
2015 Q3	100.40	0.6	100.46	0.4	100.06	-0.2	99.85	-0.5	100.19	0.3
2015 Q4	100.38	-0.0	100.49	0.0	100.11	0.0	99.77	-0.1	100.33	0.1
2016 Q1	101.40	1.0	102.62	2.1	101.20	1.1	100.29	0.5	100.89	0.6
2016 Q2	101.09	-0.3	100.87	-1.7	99.78	-1.4	98.56	-1.7	101.21	0.3
2016 Q3	101.24	0.1	102.63	1.7	101.37	1.6	99.99	1.5	101.36	0.1
2016 Q4	101.70	0.5	103.94	1.3	102.20	0.8	100.41	0.4	101.76	0.4
2017 Q1	102.39	0.7	103.55	-0.4	101.13	-1.0	99.03	-1.4	102.08	0.3
2017 Q2	102.90	0.5	105.22	1.6	102.25	1.1	99.57	0.5	102.66	0.6
2017 Q3	103.10	0.2	105.62	0.4	102.44	0.2	99.36	-0.2	103.08	0.4
2017 Q4	104.26	1.1	107.26	1.6	102.88	0.4	99.39	0.0	103.47	0.4
2018 Q1	103.99	-0.3	108.14	0.8	103.99	1.1	99.96	0.6	104.00	0.5
2018 Q2	103.33	-0.6	107.64	-0.5	104.17	0.2	99.59	-0.4	104.57	0.5
2018 Q3	102.75	-0.6	109.80	2.0	106.86	2.6	101.61	2.0	105.14	0.5
2018 Q4	103.45	0.7	110.15	0.3	106.48	-0.4	100.58	-1.0	105.84	0.7
2019 Q1	103.80	0.3	111.23	1.0	107.16	0.6	100.93	0.3	106.14	0.3
2019 Q2	104.20	0.4	113.38	1.9	108.81	1.5	101.82	0.9	106.83	0.7
2019 Q3	103.81	-0.4	113.45	0.1	109.29	0.4	101.68	-0.1	107.46	0.6
2019 Q4	104.84	1.0	114.66	1.1	109.37	0.1	101.20	-0.5	108.04	0.5
2020 Q1	104.52	-0.3	115.40	0.6	110.41	1.0	101.28	0.1	109.00	0.9
2020 Q2	101.33	-3.1	118.10	2.3	116.55	5.6	105.75	4.4	110.19	1.1
2020 Q3	108.34	6.9	119.45	1.1	110.25	-5.4	102.02	-3.5	108.06	-1.9
2020 Q4	106.49	-1.7	117.24	-1.9	110.09	-0.1	100.91	-1.1	109.09	1.0
2021 Q1	105.68	-0.8	118.41	1.0	112.05	1.8	100.95	0.0	110.95	1.7
2021 Q2	105.11	-0.5	116.63	-1.5	110.96	-1.0	99.79	-1.1	111.15	0.2
2021 Q3	107.63	2.4	121.64	4.3	113.02	1.9	100.15	0.4	112.81	1.5
2021 Q4	106.00	-1.5	120.60	-0.9	113.77	0.7	99.28	-0.9	114.55	1.5
2022 Q1	106.37	0.3	122.02	1.2	114.71	0.8	98.82	-0.5	116.05	1.3
2022 Q2	106.01	-0.3	121.88	-0.1	114.97	0.2	97.63	-1.2	117.72	1.4

Sources of the unadjusted figures: Federal Statistical Office, Institute for Employment Research of the Federal Employment Agency. * Last update: August 2022. + 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. 3 Quarterly change mainly affected by the particularly significant calendar irregularities, which are largely balanced out over a six-month period. 4 Figures revised as of Q1 2018, GDP deflator as of Q1 2022.

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



* Not adjusted for working-day variations.