

II. Macroeconomic accounting systems

1. GDP and gross value added of selected economic sectors *

seasonally adjusted

Period	Gross domestic product		Gross value added 1,2		of which:													
					Production sector excluding construction 2		Construction (A)		Trade, transport, accommodation and food services 2		Information and communication		Real estate activities, financial and insurance services 2		Business services, other services 2		Public services, education, health	
	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %
At previous-year prices (2020 = 100) ³																		
2018 Q1	103.04	-0.5	103.66	-0.4	109.47	-1.0	100.55	-0.7	105.99	0.1	96.17	4.7	99.32	-1.3	108.23	1.1	98.24	-0.8
2018 Q2	103.79	0.7	104.20	0.5	109.65	0.2	102.13	1.6	106.75	0.7	97.36	1.2	98.17	-1.2	109.55	1.2	99.33	1.1
2018 Q3	103.04	-0.7	103.56	-0.6	108.72	-0.8	102.56	0.4	106.36	-0.4	97.02	-0.3	97.58	-0.6	108.85	-0.6	98.53	-0.8
2018 Q4	103.69	0.6	104.23	0.6	108.11	-0.6	104.19	1.6	107.34	0.9	99.27	2.3	98.62	1.1	109.76	0.8	99.28	0.8
2019 Q1	104.27	0.6	104.64	0.4	109.43	1.2	99.41	-4.6	109.13	1.7	100.27	1.0	99.23	0.6	107.45	-2.1	100.17	0.9
2019 Q2	104.34	0.1	104.57	-0.1	108.47	-0.9	98.16	-1.3	108.66	-0.4	100.65	0.4	99.19	-0.0	108.12	0.6	101.01	0.8
2019 Q3	104.62	0.3	104.85	0.3	107.74	-0.7	99.25	1.1	109.67	0.9	101.43	0.8	99.67	0.5	109.10	0.9	100.83	-0.2
2019 Q4	104.58	-0.0	104.68	-0.2	106.84	-0.8	98.82	-0.4	109.72	0.0	101.77	0.3	99.50	-0.2	109.16	0.1	101.11	0.3
2020 Q1	102.28	-2.2	103.02	-1.6	104.52	-2.2	101.13	2.3	103.59	-5.6	101.93	0.2	100.04	0.5	105.23	-3.6	102.38	1.3
2020 Q2	93.18	-8.9	93.11	-9.6	87.51	-16.3	96.93	-4.2	91.29	-11.9	95.66	-6.2	97.60	-2.4	94.32	-10.4	94.93	-7.3
2020 Q3	101.29	8.7	101.13	8.6	100.63	15.0	96.08	-0.9	102.86	12.7	100.01	4.5	101.12	3.6	100.05	6.1	102.64	8.1
2020 Q4	102.44	1.1	101.84	0.7	105.29	4.6	103.92	8.2	101.00	-1.8	102.05	2.0	101.14	0.0	100.08	0.0	99.80	-2.8
2021 Q1	101.30	-1.1	101.23	-0.6	104.70	-0.6	93.92	-9.6	96.42	-4.5	104.11	2.0	101.23	0.1	103.40	3.3	100.15	0.4
2021 Q2	103.88	2.5	103.39	2.1	104.93	0.2	97.74	4.1	99.40	3.1	108.68	4.4	104.31	3.0	107.27	3.7	100.99	0.8
2021 Q3	103.92	0.0	104.60	1.2	103.61	-1.3	96.25	-1.5	103.58	4.2	108.88	0.2	105.54	1.2	109.73	2.3	102.74	1.7
2021 Q4	104.56	0.6	104.82	0.2	106.10	2.4	95.23	-1.1	104.48	0.9	112.28	3.1	104.28	-1.2	108.48	-1.1	101.55	-1.2
2022 Q1	104.75	0.2	105.34	0.5	103.04	-2.9	89.17	-6.4	106.75	2.2	108.30	-3.5	103.53	-0.7	114.28	5.3	104.58	3.0
2022 Q2	104.73	-0.0	104.98	-0.3	103.31	0.3	85.96	-3.6	106.11	-0.6	108.49	0.2	102.67	-0.8	113.06	-1.1	105.25	0.6
2022 Q3	105.35	0.6	105.86	0.8	104.20	0.9	83.65	-2.7	106.97	0.8	110.09	1.5	102.52	-0.1	114.20	1.0	107.36	2.0
2022 Q4	104.81	-0.5	105.42	-0.4	104.26	0.1	81.76	-2.3	106.10	-0.8	109.61	-0.4	103.04	0.5	113.48	-0.6	106.61	-0.7
2023 Q1	104.96	0.1	105.94	0.5	104.58	0.3	86.53	5.8	104.88	-1.1	113.17	3.2	103.42	0.4	114.12	0.6	107.07	0.4
2023 Q2	104.80	-0.2	105.77	-0.2	103.93	-0.6	86.02	-0.6	104.71	-0.2	112.63	-0.5	103.40	-0.0	114.36	0.2	107.19	0.7
2023 Q3	105.00	0.2	105.81	0.0	102.45	-1.4	85.27	-0.9	105.39	0.6	112.98	0.3	103.76	0.3	115.06	0.6	107.99	0.1
2023 Q4	104.61	-0.4	106.38	0.5	103.35	0.9	83.49	-2.1	106.27	0.8	114.42	1.3	104.60	0.8	115.60	0.5	108.24	0.2
2024 Q1	104.86	0.2	106.25	-0.1	102.01	-1.3	85.02	1.8	105.77	-0.5	116.62	1.9	105.04	0.4	115.50	-0.1	108.64	0.4
2024 Q2	104.55	-0.3	105.70	-0.5	101.04	-1.0	82.13	-3.4	104.95	-0.8	116.18	-0.4	104.81	-0.2	115.68	0.2	108.84	0.2
2024 Q3	104.66	0.1	105.49	-0.2	99.66	-1.4	81.16	-1.2	105.05	0.1	115.73	-0.4	104.42	-0.4	115.54	-0.1	110.21	1.3
2024 Q4	104.45	-0.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
At current prices ²																		
2018 Q1	848.873	-0.1	759.057	-0.0	189.131	-0.5	32.996	-0.6	124.945	-1.1	36.331	5.4	110.537	-0.2	117.027	1.4	142.051	0.2
2018 Q2	858.518	1.1	767.039	1.1	189.791	0.3	34.122	3.4	126.732	1.4	36.684	1.0	110.350	-0.2	118.871	1.6	144.598	1.8
2018 Q3	857.751	-0.1	766.923	-0.0	187.621	-1.1	35.014	2.6	127.319	0.5	36.584	-0.3	110.105	-0.2	118.662	-0.2	144.889	0.2
2018 Q4	870.762	1.5	778.196	1.5	187.862	0.1	36.328	3.8	130.451	2.5	37.566	2.7	111.826	1.6	120.401	1.5	146.925	1.4
2019 Q1	876.831	0.7	784.954	0.9	192.861	2.7	35.621	-1.9	130.411	-0.0	38.105	1.4	113.027	1.1	118.152	-1.9	149.433	1.7
2019 Q2	880.886	0.5	787.641	0.3	190.726	-1.1	35.600	-0.1	130.366	-0.0	38.224	0.3	113.232	0.2	119.260	0.9	152.679	2.2
2019 Q3	888.719	0.9	794.699	0.9	190.733	0.0	36.731	3.2	131.913	1.2	38.668	1.2	114.373	1.0	121.016	1.5	153.864	0.8
2019 Q4	894.560	0.7	798.203	0.4	190.496	-0.1	37.122	1.1	133.371	1.1	39.065	1.0	114.541	0.1	121.756	0.6	154.680	0.5
2020 Q1	881.485	-1.5	791.472	-0.8	188.700	-0.9	38.717	4.3	128.262	-3.8	38.929	-0.3	114.153	-0.3	118.461	-2.7	157.584	1.9
2020 Q2	809.073	-8.2	721.816	-8.8	157.255	-16.7	37.433	-3.3	113.040	-11.9	36.727	-5.7	112.395	-1.5	106.582	-10.0	151.971	-3.6
2020 Q3	867.876	7.3	783.929	8.6	180.960	15.1	37.771	0.9	128.610	13.8	38.778	5.6	117.097	4.2	113.680	6.7	160.907	5.9
2020 Q4	884.210	1.9	794.758	1.4	189.099	4.5	41.053	8.7	127.037	-1.2	39.709	2.4	117.861	0.7	115.182	1.3	158.878	-1.3
2021 Q1	886.534	0.3	797.369	0.3	190.108	0.5	38.128	-7.1	122.552	-3.5	40.350	1.6	118.447	0.5	119.985	4.2	161.703	1.8
2021 Q2	907.732	2.4	814.077	2.1	189.706	-0.2	40.678	6.7	128.257	4.7	42.127	4.4	120.839	2.0	123.660	3.1	162.146	0.3
2021 Q3	928.453	2.3	829.233	1.9	188.877	-0.4	40.943	0.7	135.095	5.3	42.105	-0.1	122.025	1.0	127.339	3.0	165.902	2.3
2021 Q4	944.587	1.7	838.422	1.1	194.170	2.8	42.161	3.0	139.306	3.1	43.354	3.0	120.464	-1.3	127.026	-0.2	164.361	-0.9
2022 Q1	962.521	1.9	862.228	2.8	202.590	4.3	40.777	-3.3	144.239	3.5	41.049	-5.3	117.502	-2.5	134.867	6.2	172.384	-4.9
2022 Q2	979.029	1.7	880.847	2.2	212.303	4.8	43.004	5.5	150.335	4.2	40.985	-0.2	117.621	0.1	134.768	-0.1	171.851	-0.3
2022 Q3	993.638	1.5	895.036	1.6	208.022	-2.0	43.973	2.3	156.834	4.3	42.096	2.7	119.693	1.8	138.502	2.8	175.628	2.2
2022 Q4	1,012.073	1.9	918.238	2.6	215.461	3.6	45.443	3.3	158.707	1.2	42.902	1.9	125.173	4.6	142.240	2.7	177.706	1.2
2023 Q1	1,029.719	1.7	942.439	2.6	230.557	7.0	50.089	10.2	156.088	-1.7	45.339	5.7	126.578	1.1	144.686	1.7	179.536	1.0
2023 Q2	1,041.192	1.1	955.996	1.4	231.423	0.4	51.536	2.9	157.969	1.2	45.519	0.4	129.410	2.2	147.412	1.9	184.342	2.7
2023 Q3	1,052.400	1.1	960.282	0.4	227.301	-1.8	52.059	1.0	159.147	0.7	45.459	-0.1	129.917	0.4	149.087	1.1	188.328	2.2
2023 Q4	1,063.813	1.1	967.329	0.7	229.386	0.9	51.662	-0.8	159.798	0.4	45.695	0.5	131.280	1.0	150.229	0.8	190.973	1.4
2024 Q1	1,068.124	0.4	970.374	0.3	227.078	-1.0	53.166	2.9	159.229	-0.4	47.130	3.1	132.389	0.8	150.843	0.4	192.259	0.7
2024 Q2	1,073.781	0.5	975.384	0.5	227.422	0.2	52.443	-1.4	159.890	0.4	46.677	-1.0	133.241	0.6	152.134	0.9	194.817	1.3
2024 Q3	1,078.033	0.4	974.239	-0.1	223.564	-1.7	52.657	0.4	159.537	-0.2	46.232	-1.0	132.669	-0.4	152.484	0.2	198.107	1.7
2024 Q4	1,087.972	0.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Source of the unadjusted figures: Federal Statistical Office. * Last update: GDP 30 January 2025, components November 2024. 1 Excluding net taxes on products. 2 Derived from seasonally adjusted components. 3 See explanatory notes.

II. Macroeconomic accounting systems

2. GDP expenditure components at previous-year prices *

Period	Gross domestic product		of which:										Net exports 4	Exports 1	Imports 1	
	Index	Change from previous period in %	Domestic use 1	Private consumption 2	Government consumption	Machinery and equipment	Buildings (A)	Changes in inventories 3	Index	Change from previous period in %	Index	Change from previous period in %				Index	Change from previous period in %	Index	Change from previous period in %
2020 = 100 5																
2018 Q1	103.04	-0.5	100.67	-0.6	105.12	-0.0	92.06	-0.7	110.44	2.4	93.08	-0.7	109.22	1.5	103.73	1.6
2018 Q2	103.79	0.7	101.57	0.9	105.36	0.2	92.63	0.6	110.80	0.3	95.23	2.3	109.40	0.2	104.23	0.5
2018 Q3	103.04	-0.7	102.14	0.6	105.26	-0.1	92.50	-0.1	111.66	0.8	96.44	1.3	108.34	-1.0	106.63	2.3
2018 Q4	103.69	0.6	103.04	0.9	106.65	1.3	93.19	0.7	112.29	0.6	97.44	1.0	108.45	0.1	107.32	0.6
2019 Q1	104.27	0.6	102.85	-0.2	106.82	0.2	94.35	1.2	115.16	2.6	96.02	-1.5	111.79	3.1	108.99	1.6
2019 Q2	104.34	0.1	103.26	0.4	107.03	0.2	94.61	0.3	115.63	0.4	96.10	0.1	110.08	-1.5	107.95	-1.0
2019 Q3	104.62	0.3	103.64	0.4	107.59	0.5	96.11	1.6	113.51	-1.8	96.73	0.7	111.29	1.1	109.54	1.5
2019 Q4	104.58	-0.0	104.16	0.5	108.14	0.5	96.13	0.0	110.73	-2.4	97.47	0.8	110.60	-0.6	110.25	0.6
2020 Q1	102.28	-2.2	102.16	-1.9	103.20	-4.6	97.95	1.9	102.88	-7.1	100.76	3.4	107.91	-2.4	108.36	-1.7
2020 Q2	93.18	-8.9	95.04	-7.0	92.12	-10.7	97.89	-0.1	88.67	-13.8	98.48	-2.3	85.23	-21.0	89.18	-17.7
2020 Q3	101.29	8.7	100.76	6.0	102.73	11.5	102.29	4.5	101.70	14.7	97.57	-0.9	100.29	17.7	98.71	10.7
2020 Q4	102.44	1.1	101.39	0.6	101.36	-1.3	101.87	-0.4	104.41	2.7	101.50	4.0	104.82	4.5	102.31	3.6
2021 Q1	101.30	-1.1	100.08	-1.3	97.34	-4.0	101.34	-0.5	103.23	-1.1	96.24	-5.2	108.18	3.2	105.86	3.5
2021 Q2	103.88	2.5	102.76	2.7	100.06	2.8	104.31	2.9	105.17	1.9	98.73	2.6	108.88	0.6	106.55	0.7
2021 Q3	103.92	0.0	103.52	0.7	104.95	4.9	104.20	-0.1	100.11	-4.8	94.80	-4.0	107.84	-1.0	107.33	0.7
2021 Q4	104.56	0.6	104.74	1.2	106.08	1.1	103.79	-0.4	101.97	1.9	95.28	0.5	112.38	4.2	114.12	6.3
2022 Q1	104.75	0.2	104.98	0.2	107.54	1.4	104.44	0.6	104.16	2.1	96.10	0.9	111.80	-0.5	113.41	-0.6
2022 Q2	104.73	-0.0	105.71	0.7	107.49	-0.0	104.58	0.1	106.72	2.5	92.83	-3.4	111.96	0.1	115.61	1.9
2022 Q3	105.35	0.6	106.43	0.7	108.90	1.3	102.58	-1.9	110.18	3.2	91.33	-1.6	113.66	1.5	117.72	1.8
2022 Q4	104.81	-0.5	105.92	-0.5	107.41	-1.4	102.59	0.0	108.82	-1.2	90.30	-1.1	113.87	0.2	118.09	0.3
2023 Q1	104.96	0.1	105.55	-0.3	107.03	-0.4	102.75	0.2	107.72	-1.0	91.52	1.4	114.05	0.2	116.89	-1.0
2023 Q2	104.80	-0.2	105.80	0.2	107.87	0.8	102.56	-0.2	107.51	-0.2	90.88	-0.7	113.59	-0.4	117.44	0.5
2023 Q3	105.00	0.2	105.73	-0.1	107.83	-0.0	103.79	1.2	108.04	0.5	89.69	-1.3	112.77	-0.7	115.84	-1.4
2023 Q4	104.61	-0.4	104.81	-0.9	107.80	-0.0	104.51	0.7	105.77	-2.1	87.95	-1.9	111.76	-0.9	113.48	-2.0
2024 Q1	104.86	0.2	104.88	0.1	107.92	0.1	104.19	-0.3	104.38	-1.3	88.58	0.7	113.36	1.4	114.67	1.0
2024 Q2	104.55	-0.3	104.97	0.1	107.36	-0.5	105.90	1.6	100.80	-3.4	86.59	-2.2	113.63	0.2	116.05	1.2
2024 Q3	104.66	0.1	106.05	1.0	107.67	0.3	106.36	0.4	100.62	-0.2	86.29	-0.3	111.50	-1.9	116.23	0.2
2024 Q4	104.45	-0.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Statistical contribution to GDP growth in percentage points 5

Period	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual
2018 Q1	.	.	-0.6	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1	-0.5	0.1	0.6	0.0	-0.6	-0.9
2018 Q2	.	.	0.8	0.4	0.1	0.3	0.1	0.0	0.0	0.2	0.1	0.1	0.1	0.8	-0.2	-0.9
2018 Q3	.	.	0.5	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.4	-1.3	-0.4	-0.8	-0.8	-0.8
2018 Q4	.	.	0.8	1.4	0.7	0.4	0.2	0.1	0.0	0.1	0.3	-0.2	-0.2	0.0	-0.4	-1.0
2019 Q1	.	.	-0.2	0.1	0.1	0.3	0.3	0.2	0.2	-0.2	-0.6	0.7	1.3	-0.6	-0.6	-0.6
2019 Q2	.	.	0.4	0.4	0.1	0.5	0.1	0.4	0.0	0.2	0.0	-0.1	-0.3	-0.7	1.0	0.4
2019 Q3	.	.	0.4	0.3	0.3	0.3	0.3	-0.1	0.1	0.1	-0.2	-0.1	0.5	-0.6	-0.6	-0.6
2019 Q4	.	.	0.5	0.8	0.3	0.5	0.0	0.4	-0.2	-0.2	0.1	0.1	0.3	-0.5	-0.3	0.0
2020 Q1	.	.	-1.8	-2.4	0.4	0.4	-0.5	-0.5	0.4	0.4	0.7	-0.4	-1.0	0.6	0.6	3.8
2020 Q2	.	.	-6.6	-4.8	-5.6	-5.0	0.0	0.4	-0.9	-1.0	-0.3	0.3	-2.3	-8.9	-5.5	6.6
2020 Q3	.	.	5.8	5.8	1.1	0.9	0.9	0.9	-0.1	-0.1	-1.9	2.9	6.5	-3.6	-3.6	3.8
2020 Q4	.	.	0.6	2.4	-0.7	2.3	-0.1	1.0	0.2	0.5	0.4	0.0	0.7	1.8	2.5	-1.3
2021 Q1	.	.	-1.2	-2.0	-0.1	0.1	-0.1	-0.1	-0.6	0.1	1.4	0.1	1.3	-1.2	-1.2	-1.9
2021 Q2	.	.	2.5	0.3	1.4	-1.7	0.7	0.2	0.1	0.1	-0.3	-0.2	0.0	0.3	2.3	-0.2
2021 Q3	.	.	0.7	2.4	0.0	0.0	-0.3	-0.3	-0.4	-0.4	-1.0	-0.6	-0.4	-0.3	-0.3	-0.3
2021 Q4	.	.	1.1	2.5	0.6	3.4	-0.1	0.3	0.1	-0.2	0.1	-0.3	0.4	-0.5	1.7	0.6
2022 Q1	.	.	0.2	0.7	0.1	0.1	0.1	0.1	0.1	0.1	-0.8	0.0	-0.2	0.2	0.2	-1.2
2022 Q2	.	.	0.7	1.1	0.0	1.0	0.0	0.1	0.2	0.3	-0.4	-0.1	0.8	-0.7	0.1	0.7
2022 Q3	.	.	0.7	0.7	-0.4	0.0	0.2	0.2	-0.2	-0.2	0.3	-0.1	0.7	-0.7	-0.7	-0.7
2022 Q4	.	.	-0.5	0.8	-0.7	0.3	0.0	-0.4	-0.1	0.3	-0.1	-0.4	0.4	-0.1	0.1	0.7
2023 Q1	.	.	-0.3	-0.2	0.0	-0.3	0.0	0.0	-0.1	0.2	-0.3	0.5	0.1	0.5	0.5	0.3
2023 Q2	.	.	0.2	0.4	0.0	-0.3	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.4	-0.2	0.0	-0.2
2023 Q3	.	.	-0.1	0.0	0.3	0.0	0.0	0.0	-0.1	-0.1	-0.2	0.3	-0.3	0.6	0.6	0.6
2023 Q4	.	.	-0.9	0.0	0.2	0.2	0.3	-0.1	0.0	-0.2	-0.3	-0.7	0.5	-0.4	0.9	0.9
2024 Q1	.	.	0.1	0.1	-0.1	-0.1	-0.1	-0.1	0.1	0.1	0.0	0.2	0.6	-0.4	-0.4	-0.2
2024 Q2	.	.	0.1	-0.3	-0.3	-0.1	0.4	0.2	-0.2	-0.3	-0.3	-0.2	0.4	0.1	0.5	-0.5
2024 Q3	.	.	1.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.8	-0.9	-0.8	-0.1	-0.1	-0.2

Source of the unadjusted figures: Federal Statistical Office. * Last update: GDP 30 January 2025, components November 2024. 1 Derived from seasonally adjusted components. 2 Including non-profit institutions serving households. 3 Including net

increase in valuables. 4 Exports less imports. 5 See explanatory notes. Semi-annual figures calculated on the basis of semi-annual averages of the indices. 6 Figures subject to increased uncertainty.

II. Macroeconomic accounting systems

4. National income *

Period	seasonally adjusted +									
	Gross national income (GNP) 1 (R)		National income		Compensation of employees (residents) 1,2			Entrepreneurial and property income 1,3		
	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	% of national income	€ billion	Change from previous period in %	% of national income
2007 Q3	644.775	0.6	474.624	1.0	307.106	0.7	64.7	167.518	1.7	35.3
Q4	652.220	1.2	481.372	1.4	309.795	0.9	64.4	171.577	2.4	35.6
2008 Q1	653.254	0.2	482.390	0.2	314.200	1.4	65.1	168.190	-2.0	34.9
Q2	660.775	1.2	484.679	0.5	317.199	1.0	65.4	167.480	-0.4	34.6
Q3	654.549	-0.9	477.816	-1.4	319.373	0.7	66.8	158.443	-5.4	33.2
Q4	645.596	-1.4	468.502	-1.9	322.174	0.9	68.8	146.328	-7.6	31.2
2009 Q1	627.336	-2.8	453.238	-3.3	319.537	-0.8	70.5	133.701	-8.6	29.5
Q2	629.269	0.3	453.474	0.1	318.618	-0.3	70.3	134.856	0.9	29.7
Q3	642.329	2.1	465.113	2.6	320.698	0.7	69.0	144.415	7.1	31.0
Q4	651.637	1.4	472.698	1.6	322.042	0.4	68.1	150.656	4.3	31.9
2010 Q1	649.419	-0.3	476.433	0.8	325.486	1.1	68.3	150.947	0.2	31.7
Q2	662.119	2.0	481.305	1.0	328.239	0.8	68.2	153.066	1.4	31.8
Q3	672.872	1.6	490.204	1.8	331.660	1.0	67.7	158.544	3.6	32.3
Q4	683.866	1.6	500.399	2.1	334.825	1.0	66.9	165.574	4.4	33.1
2011 Q1	696.130	1.8	510.778	2.1	339.727	1.5	66.5	171.051	3.3	33.5
Q2	700.703	0.7	510.669	-0.0	343.685	1.2	67.3	166.984	-2.4	32.7
Q3	709.945	1.3	518.698	1.6	345.737	0.6	66.7	172.961	3.6	33.3
Q4	711.362	0.2	520.122	0.3	348.484	0.8	67.0	171.638	-0.8	33.0
2012 Q1	716.614	0.7	524.460	0.8	352.968	1.3	67.3	171.492	-0.1	32.7
Q2	712.714	-0.5	518.742	-1.1	357.641	1.3	68.9	161.101	-6.1	31.1
Q3	718.170	0.8	521.430	0.5	359.718	0.6	69.0	161.712	0.4	31.0
Q4	720.180	0.3	522.775	0.3	362.472	0.8	69.3	160.303	-0.9	30.7
2013 Q1	717.330	-0.4	520.877	-0.4	363.865	0.4	69.9	157.012	-2.1	30.1
Q2	735.597	2.5	536.276	3.0	367.332	1.0	68.5	168.944	7.6	31.5
Q3	739.420	0.5	535.706	-0.1	370.846	1.0	69.2	164.860	-2.4	30.8
Q4	741.928	0.3	538.376	0.5	373.707	0.8	69.4	164.669	-0.1	30.6
2014 Q1	751.393	1.3	548.481	1.9	379.203	1.5	69.1	169.278	2.8	30.9
Q2	757.216	0.8	551.162	0.5	382.234	0.8	69.4	168.928	-0.2	30.6
Q3	766.501	1.2	558.219	1.3	385.619	0.9	69.1	172.600	2.2	30.9
Q4	772.353	0.8	562.127	0.7	388.768	0.8	69.2	173.359	0.4	30.8
2015 Q1	773.386	0.1	564.531	0.4	392.363	0.9	69.5	172.168	-0.7	30.5
Q2	779.778	0.8	567.172	0.5	398.299	1.5	70.2	168.873	-1.9	29.8
Q3	793.792	1.8	579.098	2.1	401.716	0.9	69.4	177.382	5.0	30.6
Q4	799.230	0.7	582.179	0.5	405.836	1.0	69.7	176.343	-0.6	30.3
2016 Q1	809.786	1.3	593.385	1.9	409.309	0.9	69.0	184.076	4.4	31.0
Q2	825.417	1.9	606.936	2.3	412.652	0.8	68.0	194.284	5.5	32.0
Q3	822.603	-0.3	601.882	-0.8	417.100	1.1	69.3	184.782	-4.9	30.7
Q4	829.621	0.9	606.260	0.7	422.217	1.2	69.6	184.043	-0.4	30.4
2017 Q1	842.637	1.6	617.981	1.9	427.061	1.1	69.1	190.920	3.7	30.9
Q2	847.008	0.5	618.977	0.2	432.102	1.2	69.8	186.875	-2.1	30.2
Q3	858.103	1.3	629.843	1.8	436.000	0.9	69.2	193.843	3.7	30.8
Q4	867.771	1.1	634.340	0.7	441.708	1.3	69.6	192.632	-0.6	30.4
2018 Q1	881.029	1.5	647.819	2.1	447.130	1.2	69.0	200.689	4.2	31.0
Q2	892.000	1.2	654.764	1.1	452.870	1.3	69.2	201.894	0.6	30.8
Q3	888.987	-0.3	649.444	-0.8	458.362	1.2	70.6	191.082	-5.4	29.4
Q4	903.870	1.7	659.787	1.6	462.041	0.8	70.0	197.746	3.5	30.0
2019 Q1	909.054	0.6	666.344	1.0	468.297	1.4	70.3	198.047	0.2	29.7
Q2	911.581	0.3	665.514	-0.1	475.040	1.4	71.4	190.474	-3.8	28.6
Q3	922.591	1.2	674.055	1.3	480.174	1.1	71.2	193.881	1.8	28.8
Q4	922.283	-0.0	667.728	-0.9	479.961	-0.0	71.9	187.767	-3.2	28.1
2020 Q1	907.709	-1.6	663.211	-0.7	481.913	0.4	72.7	181.298	-3.4	27.3
Q2	828.512	-8.7	604.232	-8.9	460.487	-4.4	76.2	143.745	-20.7	23.8
Q3	888.233	7.2	654.065	8.2	475.516	3.3	72.7	178.549	24.2	27.3
Q4	912.349	2.7	669.607	2.4	481.388	1.2	71.9	188.219	5.4	28.1
2021 Q1	915.943	0.4	677.673	1.2	478.416	-0.6	70.6	199.257	5.9	29.4
Q2	937.957	2.4	693.379	2.3	485.650	1.5	70.0	207.729	4.3	30.0
Q3	961.953	2.6	698.118	0.7	498.661	2.7	71.4	199.457	-4.0	28.6
Q4	984.898	2.4	717.206	2.7	505.468	1.4	70.5	211.738	6.2	29.5
2022 Q1	1,001.289	1.7	718.208	0.1	512.985	1.5	71.4	205.223	-3.1	28.6
Q2	1,015.475	1.4	722.549	0.6	515.476	0.5	71.3	207.073	0.9	28.7
Q3	1,030.830	1.5	738.506	2.2	522.225	1.3	70.7	216.281	4.4	29.3
Q4	1,049.553	1.8	756.600	2.5	536.269	2.7	70.9	220.331	1.9	29.1
2023 Q1	1,072.456	2.2	778.287	2.9	546.597	1.9	70.2	231.690	5.2	29.8
Q2	1,079.778	0.7	779.511	0.2	551.932	1.0	70.8	227.579	-1.8	29.2
Q3	1,085.532	0.5	786.644	0.9	559.232	1.3	71.1	227.412	-0.1	28.9
Q4	1,094.449	0.8	790.026	0.4	571.283	2.2	72.3	218.743	-3.8	27.7
2024 Q1	1,102.508	0.7	788.887	-0.1	580.508	1.6	73.6	208.379	-4.7	26.4
Q2	1,121.062	1.7	798.481	1.2	582.795	0.4	73.0	215.686	3.5	27.0
Q3	1,112.854	-0.7	796.059	-0.3	588.133	0.9	73.9	207.926	-3.6	26.1

Source of the unadjusted figures: Federal Statistical Office. * Last update: November 2024. + Not adjusted for working-day variations. 1 Derived from seasonally adjusted basic series. 2 Including employers contributions to social security funds. 3 Including,

besides entrepreneurial income, income from interest, dividends, distribution of profits, net rents and reinvested earnings on foreign investment. 4 Figures revised as of Q1 2024.

II. Macroeconomic accounting systems

5. Households' income *

Period	seasonally adjusted +																
	Gross wages and salaries 1		Deductions 2,3		Net wages and salaries		Monetary social benefits received (A) 4		Mass income 3		Operating surplus/mixed income 5		Disposable income 3,6 (R)		Saving 3,6 (R)		Saving ratio 3,7 (R)
	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	%
2009 Q3	261.587	1.1	83.837	0.8	177.750	1.3	94.957	1.4	272.707	1.3	130.862	-4.0	398.244	-0.1	41.218	-1.5	10.3
Q4	263.271	0.6	84.287	0.5	178.984	0.7	94.808	-0.2	273.792	0.4	130.449	-0.3	400.233	0.5	40.832	-0.9	10.2
2010 Q1	265.275	0.8	82.812	-1.7	182.463	1.9	94.992	0.2	277.455	1.3	129.827	-0.5	399.948	-0.1	41.867	2.5	10.5
Q2	267.244	0.7	82.758	-0.1	184.486	1.1	95.120	0.1	279.606	0.8	131.002	0.9	404.575	1.2	41.809	-0.1	10.3
Q3	270.482	1.2	84.653	2.3	185.829	0.7	93.906	-1.3	279.735	0.0	133.081	1.6	408.544	1.0	41.887	0.2	10.3
Q4	273.405	1.1	85.855	1.4	187.550	0.9	94.271	0.4	281.821	0.7	135.366	1.7	412.931	1.1	41.507	-0.9	10.1
2011 Q1	277.963	1.7	88.127	2.6	189.836	1.2	93.939	-0.4	283.775	0.7	134.420	-0.7	412.068	-0.2	40.994	-1.2	9.9
Q2	281.201	1.2	89.403	1.4	191.798	1.0	93.374	-0.6	285.172	0.5	139.944	4.1	418.764	1.6	42.018	2.5	10.0
Q3	283.033	0.7	90.164	0.9	192.869	0.6	93.711	0.4	286.580	0.5	138.791	-0.8	420.128	0.3	42.605	1.4	10.1
Q4	285.826	1.0	90.618	0.5	195.208	1.2	93.567	-0.2	288.775	0.8	140.929	1.5	423.048	0.7	42.429	-0.4	10.0
2012 Q1	289.523	1.3	91.932	1.5	197.591	1.2	93.966	0.4	291.557	1.0	144.115	2.3	430.362	1.7	43.340	2.1	10.1
Q2	293.348	1.3	93.319	1.5	200.029	1.2	94.669	0.7	294.698	1.1	138.332	-4.0	426.183	-1.0	41.910	-3.3	9.8
Q3	295.188	0.6	94.558	1.3	200.630	0.3	95.146	0.5	295.776	0.4	140.444	1.5	428.339	0.5	41.843	-0.2	9.8
Q4	297.962	0.9	95.120	0.6	202.842	1.1	95.521	0.4	298.363	0.9	136.331	-2.9	427.815	-0.1	39.348	-6.0	9.2
2013 Q1	299.305	0.5	95.197	0.1	204.108	0.6	95.973	0.5	300.081	0.6	136.181	-0.1	427.963	0.0	39.421	0.2	9.2
Q2	302.106	0.9	96.345	1.2	205.761	0.8	96.733	0.8	302.494	0.8	139.802	2.7	433.601	1.3	40.965	3.9	9.4
Q3	305.328	1.1	97.466	1.2	207.862	1.0	96.811	0.1	304.673	0.7	140.965	0.8	436.952	0.8	40.872	-0.2	9.4
Q4	307.922	0.8	98.809	1.4	209.113	0.6	96.734	-0.1	305.847	0.4	136.728	-3.0	434.713	-0.5	40.222	-1.6	9.3
2014 Q1	312.204	1.4	99.535	0.7	212.669	1.7	98.597	1.9	311.266	1.8	135.754	-0.7	439.228	1.0	42.603	5.9	9.7
Q2	314.829	0.8	100.081	0.5	214.748	1.0	98.471	-0.1	313.219	0.6	136.911	0.9	443.043	0.9	44.119	3.6	10.0
Q3	317.730	0.9	101.559	1.5	216.171	0.7	99.805	1.4	315.976	0.9	140.042	2.3	447.725	1.1	44.417	0.7	9.9
Q4	320.520	0.9	103.141	1.6	217.379	0.6	101.606	1.8	318.985	1.0	139.080	-0.7	450.178	0.5	44.298	-0.3	9.8
2015 Q1	323.261	0.9	104.146	1.0	219.115	0.8	102.935	1.3	322.050	1.0	136.717	-1.7	449.075	-0.2	43.451	-1.9	9.7
Q2	328.517	1.6	105.306	1.1	223.211	1.9	103.413	0.5	326.624	1.4	136.411	-0.2	457.359	1.8	46.690	7.5	10.2
Q3	331.355	0.9	106.036	0.7	225.319	0.9	103.997	0.6	329.316	0.8	141.384	3.6	461.432	0.9	46.336	-0.8	10.0
Q4	335.018	1.1	107.001	0.9	228.017	1.2	105.787	1.7	333.804	1.4	140.600	-0.6	466.015	1.0	47.098	1.6	10.1
2016 Q1	338.276	1.0	109.193	2.0	229.083	0.5	106.254	0.4	335.337	0.5	140.142	-0.3	464.437	-0.3	45.861	-2.6	9.9
Q2	340.979	0.8	109.015	-0.2	231.964	1.3	107.562	1.2	339.526	1.2	140.853	0.5	471.399	1.5	46.922	2.3	10.0
Q3	344.429	1.0	110.948	1.8	233.481	0.7	109.368	1.7	342.849	1.0	139.551	-0.9	472.827	0.3	47.628	1.5	10.1
Q4	349.199	1.4	112.362	1.3	236.837	1.4	109.687	0.3	346.524	1.1	142.296	2.0	478.464	1.2	47.380	-0.5	9.9
2017 Q1	353.218	1.2	114.256	1.7	238.962	0.9	110.874	1.1	349.836	1.0	146.099	2.7	483.166	1.0	49.463	4.4	10.2
Q2	356.885	1.0	115.290	0.9	241.595	1.1	111.514	0.6	353.109	0.9	143.702	-1.6	487.672	0.9	49.743	0.6	10.2
Q3	360.094	0.9	116.194	0.8	243.900	1.0	112.262	0.7	356.162	0.9	145.179	1.0	489.611	0.4	50.077	0.7	10.2
Q4	365.119	1.4	117.727	1.3	247.392	1.4	113.244	0.9	360.636	1.3	144.779	-0.3	494.563	1.0	51.949	3.7	10.5
2018 Q1	370.268	1.4	119.857	1.8	250.411	1.2	114.007	0.7	364.418	1.0	151.485	4.6	501.926	1.5	54.759	5.4	10.9
Q2	375.127	1.3	121.362	1.3	253.765	1.3	114.828	0.7	368.593	1.1	148.919	-1.7	506.159	0.8	55.506	1.4	11.0
Q3	378.877	1.0	122.364	0.8	256.513	1.1	115.747	0.8	372.260	1.0	145.376	-2.4	507.063	0.2	55.155	-0.6	10.9
Q4	382.313	0.9	123.383	0.8	258.930	0.9	116.960	1.0	375.890	1.0	146.912	1.1	513.449	1.3	54.680	-0.9	10.6
2019 Q1	386.853	1.2	123.680	0.2	263.173	1.6	117.333	0.3	380.506	1.2	144.999	-1.3	512.645	-0.2	54.382	-0.5	10.6
Q2	393.037	1.6	125.896	1.8	267.141	1.5	119.311	1.7	386.452	1.6	143.893	-0.8	518.786	1.2	53.182	-2.2	10.3
Q3	396.548	0.9	126.491	0.5	270.057	1.1	120.523	1.0	390.580	1.1	142.628	-0.9	523.577	0.9	53.181	-0.0	10.2
Q4	396.201	-0.1	127.061	0.5	269.140	-0.3	122.065	1.3	391.205	0.2	144.559	1.4	525.401	0.3	54.549	2.6	10.4
2020 Q1	397.806	0.4	127.431	0.3	270.375	0.5	123.675	1.3	394.050	0.7	143.070	-1.0	520.680	-0.9	66.402	21.7	12.8
Q2	376.569	-5.3	119.822	-6.0	256.747	-5.0	132.258	6.9	389.005	-1.3	125.208	-12.5	507.993	-2.4	103.138	55.3	20.3
Q3	391.176	3.9	123.627	3.2	267.549	4.2	132.159	-0.1	399.708	2.8	129.713	3.6	521.334	2.6	75.680	-26.6	14.5
Q4	396.167	1.3	124.755	0.9	271.412	1.4	133.409	0.9	404.821	1.3	134.016	3.3	530.490	1.8	86.509	14.3	16.3
2021 Q1	391.932	-1.1	124.218	-0.4	267.714	-1.4	134.904	1.1	402.618	-0.5	141.260	5.4	529.028	-0.3	94.101	8.8	17.8
Q2	399.888	2.0	124.905	0.6	274.983	2.7	135.699	0.6	410.682	2.0	132.524	-6.2	534.163	1.0	86.938	-7.6	16.3
Q3	411.970	3.0	129.189	3.4	282.781	2.8	130.116	-4.1	412.897	0.5	132.750	0.2	530.987	-0.6	58.626	-32.6	11.0
Q4	416.693	1.1	130.888	1.3	285.805	1.1	130.760	0.5	416.565	0.9	152.155	14.6	550.000	3.6	63.674	8.6	11.6
2022 Q1	421.132	1.1	134.032	2.4	287.100	0.5	131.492	0.6	418.592	0.5	157.273	3.4	559.654	1.8	57.805	-9.2	10.3
Q2	425.104	0.9	135.875	1.4	289.229	0.7	133.038	1.2	422.267	0.9	162.302	3.2	571.112	2.0	57.176	-1.1	10.0
Q3	431.256	1.4	135.741	-0.1	295.515	2.2	137.155	3.1	432.670	2.5	160.583	-1.1	586.188	2.6	59.448	4.0	10.1
Q4	441.238	2.3	138.280	1.9	302.958	2.5	137.893	0.5	440.851	1.9	164.029	2.1	595.411	1.6	62.842	5.7	10.6
2023 Q1	450.816	2.2	136.654	-1.2	314.162	3.7	140.046	1.6	454.208	3.0	163.013	-0.6	602.873	1.3	57.534	-8.4	9.5
Q2	458.597	1.7	140.099	2.5	318.498	1.4	141.318	0.9	459.816	1.2	168.666	3.5	616.102	2.2	65.879	14.5	10.7
Q3	464.877	1.4	141.693	1.1	323.184	1.5	143.950	1.9	467.134	1.6	171.949	1.9	619.223	0.5	65.798	-0.1	10.6
Q4	471.723	1.5	141.089	-0.4	330.634	2.3	146.093	1.5	476.727	2.1	163.358	-5.0	623.897	0.8	67.255	2.2	10.8
2024 Q1	479.693	1.7	142.915	1.3	336.778	1.9	148.444	1.6	485.222	1.8	164.290	0.6	634.323	1.7	69.890	3.9	11.0
Q2	485.677	1.2	147.576	3.3	338.101	0.4	150.563	1.4	488.664	0.7	164.617	0.2	636.647	0.4	72.344	3.5	11.4
Q3	490.071	0.9	149.749	1.5	340.322	0.7	152.535	1.3	492.857	0.9	171.132	4.0	643.913	1.1	75.716	4.7	11.8

Source of the unadjusted figures: Federal Statistical Office. * Households including non-profit institutions serving households. Last update: November 2024. + Not adjusted for working-day variations. 1 Residence concept. 2 Wage tax payable on gross wages and salaries, and employees' social contributions. 3 Derived from seasonally adjusted basic series. 4 Cash benefits from social security funds, general government

and non-residents, pensions (net), private funded social benefits, less levies on social benefits, taxes on consumer goods and government charges. 5 Including property income. 6 Including the adjustment for the change in the net equity of households in pension funds reserves. 7 Saving as a percentage of disposable income. 8 Figures partially revised as of Q1 2024.

II. Macroeconomic accounting systems

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

Period	GDP at previous-year prices per total hours worked		Compensation per employee hours worked (domestic concept)		Labour costs				GDP deflator	
	2020 = 100	Change from previous period in %	2020 = 100	Change from previous period in %	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 %		
2008 Q4	90.04	-1.0	71.65	1.9	79.58	2.9	95.90	2.5	82.97	0.4
2009 Q1	86.68	-3.7	71.92	0.4	82.97	4.3	98.98	3.2	83.81	1.0
Q2	88.06	1.6	72.83	1.3	82.70	-0.3	98.46	-0.5	83.99	0.2
Q3	88.60	0.6	72.96	0.2	82.35	-0.4	97.61	-0.9	84.35	0.4
Q4	89.16	0.6	72.88	-0.1	81.74	-0.7	96.41	-1.2	84.77	0.5
2010 Q1	89.36	0.2	73.68	1.1	82.45	0.9	97.38	1.0	84.66	-0.1
Q2	90.32	1.1	73.19	-0.7	81.03	-1.7	96.09	-1.3	84.32	-0.4
Q3	90.76	0.5	73.45	0.4	80.93	-0.1	95.25	-0.9	84.95	0.7
Q4	90.15	-0.7	72.74	-1.0	80.69	-0.3	94.59	-0.7	85.29	0.4
2011 Q1	91.91	2.0	74.20	2.0	80.73	0.0	94.56	-0.0	85.38	0.1
Q2	92.33	0.5	75.12	1.2	81.36	0.8	95.04	0.5	85.61	0.3
Q3	92.61	0.3	75.44	0.4	81.46	0.1	94.68	-0.4	86.03	0.5
Q4	92.59	-0.0	76.05	0.8	82.14	0.8	95.06	0.4	86.40	0.4
2012 Q1	92.71	0.1	76.42	0.5	82.43	0.4	95.26	0.2	86.53	0.2
Q2	93.17	0.5	78.51	2.7	84.27	2.2	97.11	1.9	86.77	0.3
Q3	93.28	0.1	78.97	0.6	84.66	0.5	96.90	-0.2	87.37	0.7
Q4	93.21	-0.1	79.49	0.7	85.28	0.7	97.22	0.3	87.71	0.4
2013 Q1	93.22	0.0	80.60	1.4	86.46	1.4	97.76	0.6	88.45	0.8
Q2	93.49	0.3	79.97	-0.8	85.54	-1.1	96.59	-1.2	88.56	0.1
Q3	93.39	-0.1	80.11	0.2	85.78	0.3	96.40	-0.2	88.98	0.5
Q4	93.63	0.3	81.12	1.3	86.64	1.0	96.98	0.6	89.34	0.4
2014 Q1	93.80	0.2	81.51	0.5	86.90	0.3	96.56	-0.4	89.98	0.7
Q2	94.06	0.3	82.27	0.9	87.47	0.7	96.69	0.1	90.46	0.5
Q3	94.52	0.5	82.56	0.4	87.35	-0.1	96.37	-0.3	90.63	0.2
Q4	94.97	0.5	83.20	0.8	87.61	0.3	96.27	-0.1	90.99	0.4
2015 Q1	94.56	-0.4	83.69	0.6	88.50	1.0	96.79	0.5	91.43	0.5
Q2	94.70	0.1	84.55	1.0	89.28	0.9	97.06	0.3	91.98	0.6
Q3	95.28	0.6	84.88	0.4	89.08	-0.2	96.55	-0.5	92.26	0.3
Q4	95.21	-0.1	84.88	0.0	89.15	0.1	96.42	-0.1	92.45	0.2
2016 Q1	96.45	1.3	86.82	2.3	90.02	1.0	97.02	0.6	92.78	0.4
Q2	96.00	-0.5	85.34	-1.7	88.90	-1.2	95.48	-1.6	93.10	0.3
Q3	96.14	0.1	86.84	1.8	90.33	1.6	96.81	1.4	93.29	0.2
Q4	96.58	0.5	87.93	1.3	91.04	0.8	97.26	0.5	93.61	0.3
2017 Q1	97.34	0.8	87.80	-0.1	90.20	-0.9	96.05	-1.2	93.90	0.3
Q2	97.89	0.6	89.31	1.7	91.24	1.2	96.70	0.7	94.34	0.5
Q3	98.04	0.2	89.61	0.3	91.40	0.2	96.33	-0.4	94.86	0.6
Q4	99.10	1.1	90.91	1.5	91.74	0.4	96.42	0.1	95.14	0.3
2018 Q1	99.05	-0.1	91.89	1.1	92.77	1.1	97.13	0.7	95.52	0.4
Q2	98.42	-0.6	91.52	-0.4	92.99	0.2	96.96	-0.2	95.90	0.4
Q3	97.87	-0.6	93.23	1.9	95.26	2.4	98.69	1.8	96.52	0.6
Q4	98.34	0.5	93.46	0.2	95.04	-0.2	97.60	-1.1	97.37	0.9
2019 Q1	98.69	0.4	94.39	1.0	95.64	0.6	98.08	0.5	97.50	0.1
Q2	99.46	0.8	96.46	2.2	96.98	1.4	99.07	1.0	97.89	0.4
Q3	98.71	-0.8	95.94	-0.5	97.19	0.2	98.67	-0.4	98.49	0.6
Q4	99.59	0.9	97.26	1.4	97.66	0.5	98.46	-0.2	99.18	0.7
2020 Q1	99.01	-0.6	98.29	1.1	99.27	1.6	99.34	0.9	99.94	0.8
Q2	96.40	-2.6	100.37	2.1	104.12	4.9	103.41	4.1	100.69	0.8
Q3	102.94	6.8	101.70	1.3	98.80	-5.1	99.44	-3.8	99.35	-1.3
Q4	101.56	-1.3	99.72	-1.9	98.19	-0.6	98.10	-1.3	100.08	0.7
2021 Q1	100.56	-1.0	99.84	0.1	99.28	1.1	97.83	-0.3	101.46	1.4
Q2	100.69	0.1	98.77	-1.1	98.09	-1.2	96.81	-1.0	101.31	-0.1
Q3	102.72	2.0	103.41	4.7	100.67	2.6	97.17	0.4	103.58	2.2
Q4	101.19	-1.5	101.96	-1.4	100.76	0.1	96.19	-1.0	104.73	1.1
2022 Q1	101.08	-0.1	103.54	1.5	102.43	1.7	96.15	-0.0	106.53	1.7
Q2	101.30	0.2	104.37	0.8	103.03	0.6	95.05	-1.1	108.38	1.7
Q3	101.78	0.5	105.57	1.1	103.72	0.7	94.85	-0.2	109.35	0.9
Q4	101.47	-0.3	108.71	3.0	107.14	3.3	95.68	0.9	111.95	2.4
2023 Q1	100.87	-0.6	109.02	0.3	108.08	0.9	95.01	-0.7	113.73	1.6
Q2	100.35	-0.5	110.67	1.5	110.28	2.0	95.74	0.8	115.17	1.3
Q3	100.68	0.3	112.37	1.5	111.61	1.2	96.03	0.3	116.19	0.9
Q4	101.15	0.5	115.51	2.8	114.20	2.3	96.84	0.8	117.89	1.5
2024 Q1	101.25	0.1	116.97	1.3	115.53	1.2	97.81	1.0	118.09	0.2
Q2	100.56	-0.7	116.70	-0.2	116.05	0.5	97.45	-0.4	119.07	0.8
Q3	100.45	-0.1	117.44	0.6	116.91	0.7	97.88	0.4	119.41	0.3
Q4	...	...	...	...	...	...	...	...	120.76	1.1

Sources of the unadjusted figures: Federal Statistical Office, Institute for Employment Research of the Federal Employment Agency. * Last update: GDP deflator 30 January 2025, productivity and labour costs November 2024. + 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.

II. Macroeconomic accounting systems

7. Unit labour costs in selected economic sectors *

seasonally adjusted +

Period	Enterprises 1 (R)		Production sector excluding construction (R)		Construction (R)		Wholesale and retail trade, hotels and restaurants and transport (R)		Information and communication		Financial and insurance services		Real estate activities		Business services (R)	
	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 %	2020=100	Change from previous period in %	2020=100	Change from previous period in %	2020=100	Change from previous period in %
2009 Q3	85.89	-1.3	95.15	-3.3	78.22	-1.4	84.64	-0.7	99.51	-2.1	99.39	-1.0	74.36	0.7	69.44	0.8
2009 Q4	85.53	-0.4	93.50	-1.7	78.44	0.3	84.26	-0.4	97.77	-1.7	100.01	0.6	74.96	0.8	70.49	1.5
2010 Q1	85.04	-0.6	87.75	-6.1	76.97	-1.9	89.57	6.3	102.84	5.2	91.91	-8.1	75.85	1.2	70.71	0.3
2010 Q2	83.64	-1.6	84.42	-3.8	74.55	-3.1	88.24	-1.5	102.73	-0.1	90.23	-1.8	77.28	1.9	71.13	0.6
2010 Q3	83.57	-0.1	84.37	-0.1	76.81	3.0	87.03	-1.4	101.70	-1.0	90.94	0.8	76.86	-0.5	71.27	0.2
2010 Q4	83.42	-0.2	83.00	-1.6	78.66	2.4	87.33	0.3	101.35	-0.3	91.31	0.4	77.15	0.4	71.81	0.8
2011 Q1	83.08	-0.4	84.00	1.2	75.84	-3.6	86.27	-1.2	94.52	-6.7	88.47	-3.1	75.87	-1.7	74.73	4.1
2011 Q2	83.57	0.6	84.33	0.4	77.17	1.8	86.44	0.2	94.86	0.4	87.04	-1.6	76.98	1.5	76.33	2.1
2011 Q3	83.82	0.3	83.84	-0.6	79.17	2.6	87.32	1.0	94.37	-0.5	86.76	-0.3	76.47	-0.7	77.37	1.4
2011 Q4	84.77	1.1	85.13	1.5	76.57	-3.3	87.78	0.5	94.12	-0.3	96.12	10.8	76.67	0.3	77.74	0.5
2012 Q1	84.85	0.1	83.98	-1.4	77.92	1.8	85.82	-2.2	95.90	1.9	93.40	-2.8	80.93	5.6	79.67	2.5
2012 Q2	86.89	2.4	87.26	3.9	80.48	3.3	87.95	2.5	96.87	1.0	93.72	0.3	81.08	0.2	80.35	0.9
2012 Q3	87.50	0.7	87.19	-0.1	82.12	2.0	88.96	1.1	97.04	0.2	93.88	0.2	81.59	0.6	81.75	1.7
2012 Q4	88.17	0.8	89.05	2.1	82.31	0.2	89.31	0.4	97.85	0.8	91.28	-2.8	81.69	0.1	82.49	0.9
2013 Q1	88.80	0.7	92.03	3.3	83.31	1.2	90.65	1.5	94.32	-3.6	91.73	0.5	77.17	-5.5	80.96	-1.9
2013 Q2	87.61	-1.3	90.55	-1.6	80.95	-2.8	89.32	-1.5	92.63	-1.8	88.59	-3.4	78.06	1.2	80.89	-0.1
2013 Q3	87.65	0.0	91.02	0.5	80.73	-0.3	89.01	-0.3	92.97	0.4	87.93	-0.7	77.93	-0.2	80.60	-0.4
2013 Q4	88.34	0.8	90.92	-0.1	81.64	1.1	90.31	1.5	94.07	1.2	91.00	3.5	78.94	1.3	81.12	0.6
2014 Q1	88.56	0.2	89.14	-2.0	80.88	-0.9	91.35	1.2	95.71	1.7	94.33	3.7	80.62	2.1	82.18	1.3
2014 Q2	89.54	1.1	90.63	1.7	82.35	1.8	91.56	0.2	94.15	-1.6	97.79	3.7	79.81	-1.0	83.69	1.8
2014 Q3	88.97	-0.6	89.58	-1.2	82.54	0.2	90.79	-0.8	93.55	-0.6	97.82	0.0	80.07	0.3	83.44	-0.3
2014 Q4	89.38	0.5	89.88	0.3	84.35	2.2	90.66	-0.1	94.72	1.3	96.54	-1.3	79.62	-0.6	84.53	1.3
2015 Q1	90.49	1.2	91.74	2.1	85.41	1.3	91.34	0.8	97.68	3.1	94.03	-2.6	83.16	4.4	85.91	1.6
2015 Q2	91.18	0.8	92.08	0.4	86.82	1.7	92.61	1.4	97.85	0.2	95.67	1.7	79.57	-4.3	86.49	0.7
2015 Q3	90.73	-0.5	90.74	-1.5	86.92	0.1	91.64	-1.0	97.39	-0.5	96.19	0.5	82.10	3.2	87.36	1.0
2015 Q4	90.90	0.2	90.74	0.0	86.09	-1.0	92.18	0.6	95.94	-1.5	98.39	2.3	80.77	-1.6	87.72	0.4
2016 Q1	91.75	0.9	90.90	0.2	87.00	1.1	94.08	2.1	98.85	3.0	101.16	2.8	86.12	6.6	86.29	-1.6
2016 Q2	89.95	-2.0	87.81	-3.4	83.87	-3.6	92.96	-1.2	96.15	-2.7	103.71	2.5	83.23	-3.4	85.26	-1.2
2016 Q3	91.57	1.8	90.44	3.0	87.52	4.4	94.02	1.1	97.00	0.9	103.73	0.0	85.27	2.5	85.76	0.6
2016 Q4	92.41	0.9	91.10	0.7	88.74	1.4	94.26	0.3	99.37	2.4	101.76	-1.9	86.74	1.7	87.41	1.9
2017 Q1	91.25	-1.3	88.95	-2.4	87.66	-1.2	92.02	-2.4	95.67	-3.7	96.80	-4.9	86.68	-0.1	90.62	3.7
2017 Q2	92.35	1.2	90.22	1.4	89.07	1.6	92.63	0.7	98.30	2.7	95.94	-0.9	90.94	4.9	91.48	0.9
2017 Q3	91.97	-0.4	89.23	-1.1	89.73	0.7	92.62	-0.0	97.93	-0.4	94.57	-1.4	88.96	-2.2	91.58	0.1
2017 Q4	92.44	0.5	89.40	0.2	89.88	0.2	93.15	0.6	97.69	-0.2	98.36	4.0	91.04	2.3	91.52	-0.1
2018 Q1	93.10	0.7	90.79	1.6	90.65	0.9	93.21	0.1	93.78	-4.0	102.17	3.9	91.38	0.4	91.50	-0.0
2018 Q2	93.78	0.7	91.77	1.1	90.26	-0.4	93.68	0.5	94.99	1.3	104.74	2.5	93.71	2.5	90.91	-0.6
2018 Q3	95.93	2.3	94.05	2.5	91.95	1.9	96.01	2.5	97.53	2.7	106.38	1.6	95.84	2.3	93.13	2.4
2018 Q4	95.65	-0.3	94.78	0.8	92.27	0.3	94.99	-1.1	96.68	-0.9	103.35	-2.8	96.85	1.1	92.54	-0.6
2019 Q1	96.56	1.0	94.52	-0.3	96.75	4.9	95.42	0.5	97.99	1.4	102.43	-0.9	97.74	0.9	95.39	3.1
2019 Q2	98.17	1.7	96.72	2.3	99.88	3.2	96.12	0.7	99.29	1.3	102.29	-0.1	100.91	3.2	97.14	1.8
2019 Q3	98.18	0.0	97.91	1.2	98.33	-1.6	95.77	-0.4	99.72	0.4	100.59	-1.7	98.48	-2.4	95.97	-1.2
2019 Q4	98.57	0.4	97.61	-0.3	101.47	3.2	96.17	0.4	99.93	0.2	100.53	-0.1	99.08	0.6	97.24	1.3
2020 Q1	99.22	0.7	97.68	0.1	97.57	-3.8	99.97	4.0	98.88	-1.1	101.54	1.0	99.51	0.4	99.13	1.9
2020 Q2	104.69	5.5	110.94	13.6	102.26	4.8	104.68	4.7	101.54	2.7	102.01	0.5	98.85	-0.7	101.93	2.8
2020 Q3	99.20	-5.2	98.86	-10.9	104.71	2.4	97.64	-6.7	99.80	-1.7	97.72	-4.2	100.03	1.2	99.88	-2.0
2020 Q4	97.39	-1.8	94.48	-4.4	95.95	-8.4	98.22	0.6	99.89	0.1	98.88	1.2	101.62	1.6	99.20	-0.7
2021 Q1	98.59	1.2	95.36	0.9	108.38	13.0	100.45	2.3	101.03	1.1	95.86	-3.1	104.68	3.0	97.36	-1.9
2021 Q2	97.62	-1.0	95.45	0.1	104.94	-3.2	100.67	0.2	100.58	-0.4	90.03	-6.1	102.98	-1.6	94.84	-2.6
2021 Q3	99.74	2.2	99.63	4.4	108.17	3.1	101.05	0.4	101.13	0.5	91.55	1.7	104.03	1.0	95.64	0.8
2021 Q4	99.33	-0.4	97.04	-2.6	109.30	1.0	99.62	-1.4	100.73	-0.4	98.31	7.4	106.44	2.3	97.17	1.6
2022 Q1	101.94	2.6	101.72	4.8	119.71	9.5	99.38	-0.2	105.55	4.8	99.24	0.9	108.51	1.9	97.30	0.1
2022 Q2	104.02	2.0	101.67	-0.0	126.70	5.8	100.94	1.6	107.54	1.9	105.20	6.0	110.87	2.2	102.15	5.0
2022 Q3	104.86	0.8	101.64	-0.0	130.64	3.1	102.40	1.4	109.49	1.8	107.97	2.6	113.47	2.3	101.82	-0.3
2022 Q4	107.68	2.7	103.40	1.7	136.90	4.8	105.40	2.9	112.68	2.9	106.51	-1.4	111.42	-1.8	106.96	5.0
2023 Q1	109.08	1.3	106.20	2.7	128.14	-6.4	107.57	2.1	111.26	-1.3	111.58	4.8	115.53	3.7	107.22	0.2
2023 Q2	111.26	2.0	107.80	1.5	134.95	5.3	110.97	3.2	114.96	3.3	110.58	-0.9	115.57	0.0	108.73	1.4
2023 Q3	112.92	1.5	111.09	3.1	137.14	1.6	111.19	0.2	116.32	1.2	112.64	1.9	116.02	0.4	109.81	1.0
2023 Q4	113.32	0.4	110.30	-0.7	140.93	2.8	112.04	0.8	115.98	-0.3	112.77	0.1	116.59	0.5	110.88	1.0
2024 Q1	116.41	2.7	115.88	5.1	139.48	-1.0	113.27	1.1	116.36	0.3	119.43	5.9	120.78	3.6	113.57	2.4
2024 Q2	117.06	0.6	114.94	-0.8	143.96	3.2	116.53	2.9	118.96	2.2	117.96	-1.2	120.02	-0.6	112.91	-0.6
2024 Q3	118.80	1.5	116.81	1.6	147.88	2.7	117.71	1.0	120.85	1.6	120.71	2.3	120.99	0.8	114.51	1.4

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: November 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 2024.