



**Prices and yields
of listed Federal securities
December 2018**

Prices and yields of listed Federal securities as of 03.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 03.12.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.017	-0.69	100.017
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.398	-1.05	103.840
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.393	-0.81	101.177
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.202	-0.74	100.202
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.428	-0.72	100.753
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.348	-0.66	100.348
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.433	-0.68	103.910
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.513	-0.66	100.513
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.786	-0.67	100.824
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.673	-0.65	100.673
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.335	-0.72	107.318
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.836	-0.65	100.836
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.700	-0.94	119.293
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.913	-0.66	100.913
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.006	-0.66	101.006
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.823	-0.66	107.089
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.122	-0.65	105.689
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.115	-0.63	101.115
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.652	-0.63	101.686
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.206	-0.59	101.206
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.560	-0.62	108.855
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.390	-0.59	101.390
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	109.930	-0.56	111.301
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.755	-0.54	108.322
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.520	-0.53	101.520
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.800	-0.50	109.636
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.605	-0.48	101.605
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.945	-0.45	108.683
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.290	-0.43	107.668
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.575	-0.41	101.575
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.910	-0.37	109.114
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.480	-0.34	101.480
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.410	-1.32	114.527
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.235	-0.34	109.073
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.910	-0.30	111.524
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.280	-0.26	101.280
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.270	-0.25	139.006
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.380	-0.23	111.785
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.290	-0.20	110.128
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.670	-0.17	106.977
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.760	-0.10	104.161
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.040	-0.05	107.347
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.480	0.02	103.881
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.530	-1.13	114.734
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.390	0.08	99.390
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.920	0.14	101.121
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.340	0.13	157.082
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.600	0.20	102.753
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.860	0.19	154.023
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.160	0.26	102.608
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.530	0.25	144.534
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.290	0.32	99.389
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	164.080	0.35	169.816
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.520	-0.88	122.645
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.710	0.42	164.758
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	161.240	0.62	163.244
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	155.400	0.72	159.071
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.570	0.79	167.363
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	178.140	0.79	180.144
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.780	0.86	152.151
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.680	0.93	136.735
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	121.885	-0.63	128.628
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	137.390	0.96	138.157
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	106.570	0.99	106.954

1) The six-digit part of the ISIN in bold print is the same as the current German security identification number

2) BSA: Federal Treasury note (Schatz), BO: Five-year Federal note (Bobl), Bund: Federal bond (Bund)

3) Bundesbank reference price on the Frankfurt Stock Exchange

4) Only for inflation-linked bonds: yield in real terms reported without adjustment for inflation;

the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 04.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 04.12.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.014	-0.64	100.014
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.381	-1.01	103.833
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.384	-0.79	101.170
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.200	-0.74	100.200
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.428	-0.72	100.754
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.352	-0.67	100.352
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.420	-0.68	103.906
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.513	-0.66	100.513
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.790	-0.68	100.828
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.686	-0.67	100.686
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.337	-0.74	107.329
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.856	-0.67	100.856
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.730	-0.97	119.342
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.930	-0.68	100.930
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.030	-0.67	101.030
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.846	-0.68	107.120
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.154	-0.68	105.727
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.150	-0.65	101.150
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.692	-0.65	101.727
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	7.0	101.252	-0.62	101.252
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.610	-0.65	108.911
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.440	-0.61	101.440
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	109.990	-0.59	111.370
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.820	-0.57	108.393
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.590	-0.55	101.590
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.860	-0.52	109.701
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.680	-0.50	101.680
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	108.030	-0.47	108.773
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.380	-0.45	107.762
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.670	-0.43	101.670
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	108.020	-0.39	109.228
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.590	-0.36	101.590
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.625	-1.37	114.767
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.340	-0.36	109.182
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	111.040	-0.33	111.659
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.400	-0.29	101.400
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.410	-0.27	139.163
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.570	-0.27	111.980
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.490	-0.23	110.332
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.880	-0.20	107.190
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.980	-0.14	104.383
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.290	-0.09	107.600
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.750	-0.02	104.153
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.980	-1.19	115.215
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.680	0.04	99.680
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.240	0.10	101.441
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.770	0.09	157.530
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.950	0.16	103.105
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	149.300	0.15	154.478
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.520	0.22	102.969
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.970	0.21	144.987
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.680	0.28	99.780
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	164.660	0.31	170.413
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.080	-0.92	123.244
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	160.360	0.38	165.423
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	162.150	0.57	164.167
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	156.400	0.68	160.082
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	166.740	0.74	168.545
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	179.460	0.75	181.477
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	152.060	0.81	153.440
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	137.000	0.88	138.062
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	123.635	-0.68	130.484
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	138.830	0.91	139.604
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	107.880	0.94	108.267

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4) Only for inflation-linked bonds: yield in real terms reported without adjustment for inflation;

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Prices and yields of listed Federal securities as of 05.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 05.12.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.012	-0.63	100.012
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.367	-1.00	103.829
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.380	-0.79	101.169
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.200	-0.74	100.200
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.422	-0.72	100.749
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.353	-0.68	100.353
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.413	-0.69	103.909
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.513	-0.67	100.513
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.790	-0.68	100.829
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.678	-0.66	100.678
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.332	-0.74	107.333
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.856	-0.67	100.856
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.650	-0.92	119.264
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.935	-0.68	100.935
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.038	-0.68	101.038
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.848	-0.68	107.130
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.170	-0.69	105.749
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.170	-0.66	101.170
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.690	-0.65	101.726
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	7.0	101.285	-0.63	101.285
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.620	-0.66	108.928
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.470	-0.62	101.470
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	110.030	-0.61	111.419
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.870	-0.59	108.449
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.650	-0.58	101.650
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.940	-0.55	109.787
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.765	-0.52	101.765
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	108.120	-0.50	108.868
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.490	-0.48	107.876
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.780	-0.46	101.780
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	108.150	-0.42	109.362
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.730	-0.39	101.730
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.600	-1.36	114.750
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.490	-0.39	109.337
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	111.200	-0.36	111.825
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.560	-0.32	101.560
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.600	-0.31	139.371
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.700	-0.29	112.114
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.640	-0.26	110.487
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	107.050	-0.23	107.362
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	104.170	-0.17	104.574
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.490	-0.12	107.802
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.980	-0.05	104.384
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.950	-1.19	115.193
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.930	0.01	99.930
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.490	0.07	101.692
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	155.110	0.05	157.888
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	103.230	0.13	103.386
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.680	0.12	154.873
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.820	0.19	103.271
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.360	0.18	145.390
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.990	0.25	100.091
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.130	0.27	170.901
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.150	-0.93	123.329
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.890	0.34	165.968
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	162.870	0.53	164.900
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.333	0.63	161.026
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	167.870	0.70	169.686
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	180.690	0.70	182.720
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	153.260	0.77	154.649
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	138.230	0.83	139.298
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	124.750	-0.72	131.671
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	140.190	0.86	140.971
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	109.120	0.90	109.510

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Prices and yields of listed Federal securities as of 06.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 06.12.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.005	-0.46	100.005
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.335	-1.10	103.828
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.362	-0.78	101.159
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.196	-0.75	100.196
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.412	-0.72	100.744
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.346	-0.68	100.346
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.376	-0.68	103.901
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.505	-0.66	100.505
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.777	-0.67	100.818
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.667	-0.66	100.667
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.287	-0.73	107.314
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.848	-0.67	100.848
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.590	-0.89	119.241
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.920	-0.68	100.920
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.010	-0.67	101.010
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.800	-0.67	107.107
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.133	-0.68	105.731
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.165	-0.66	101.165
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.680	-0.65	101.718
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	7.0	101.253	-0.62	101.253
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.580	-0.65	108.909
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.440	-0.61	101.440
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.960	-0.59	111.376
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.820	-0.58	108.418
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.620	-0.57	101.620
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.890	-0.54	109.753
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.730	-0.51	101.730
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	108.060	-0.49	108.822
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.430	-0.47	107.829
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.740	-0.45	101.740
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	108.080	-0.41	109.305
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.690	-0.39	101.690
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.410	-1.32	114.573
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.440	-0.39	109.299
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	111.150	-0.36	111.791
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.520	-0.31	101.520
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.500	-0.30	139.322
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.635	-0.28	112.064
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.590	-0.25	110.449
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	107.005	-0.22	107.326
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	104.140	-0.17	104.548
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.470	-0.11	107.791
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.988	-0.05	104.396
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.870	-1.18	115.137
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.960	0.01	99.960
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.545	0.06	101.749
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	155.120	0.05	157.952
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	103.307	0.12	103.467
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.739	0.11	154.979
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.914	0.18	103.369
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.430	0.17	145.499
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	100.080	0.24	100.183
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.240	0.26	171.062
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.110	-0.92	123.320
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	161.000	0.33	166.123
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.015	0.52	165.084
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.460	0.63	161.186
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	167.980	0.69	169.831
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	180.810	0.70	182.879
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	153.385	0.77	154.801
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	138.275	0.83	139.364
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	124.310	-0.70	131.239
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	140.230	0.86	141.031
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	109.205	0.90	109.606

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Prices and yields of listed Federal securities as of 07.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 07.12.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.005	-0.46	100.005
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.343	-1.21	103.836
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.368	-0.81	101.165
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.200	-0.77	100.200
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.416	-0.73	100.748
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.360	-0.70	100.360
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.380	-0.69	103.905
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.518	-0.68	100.518
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.782	-0.68	100.823
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.659	-0.65	100.659
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.275	-0.72	107.302
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.834	-0.66	100.834
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.520	-0.84	119.161
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.910	-0.67	100.910
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.000	-0.66	101.000
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.782	-0.66	107.089
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.118	-0.67	105.716
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.155	-0.65	101.155
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.667	-0.64	101.705
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	7.0	101.247	-0.62	101.247
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.570	-0.64	108.899
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.430	-0.61	101.430
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.950	-0.59	111.366
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.810	-0.58	108.408
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.610	-0.56	101.610
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.880	-0.54	109.743
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.730	-0.51	101.730
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	108.060	-0.49	108.822
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.430	-0.47	107.829
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.740	-0.45	101.740
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	108.080	-0.41	109.305
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.690	-0.39	101.690
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.350	-1.31	114.508
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.440	-0.39	109.299
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	111.140	-0.36	111.781
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.530	-0.31	101.530
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.480	-0.30	139.302
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.640	-0.28	112.069
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.580	-0.25	110.439
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.980	-0.22	107.301
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	104.140	-0.17	104.548
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.470	-0.11	107.791
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.970	-0.05	104.378
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.720	-1.16	114.979
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.950	0.01	99.950
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.510	0.06	101.714
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	155.040	0.06	157.872
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	103.260	0.12	103.420
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.660	0.12	154.900
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.850	0.19	103.305
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.290	0.18	145.359
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	100.020	0.25	100.123
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.130	0.27	170.952
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.020	-0.92	123.225
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.910	0.34	166.033
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	162.950	0.53	165.019
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.460	0.63	161.186
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	167.990	0.69	169.841
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	180.860	0.70	182.929
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	153.450	0.76	154.866
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	138.370	0.83	139.459
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	124.220	-0.70	131.144
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	140.340	0.86	141.141
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	109.320	0.89	109.721

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Prices and yields of listed Federal securities as of 10.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 10.12.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.005	-0.91	100.005
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.334	-1.49	103.848
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.369	-0.86	101.172
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.209	-0.82	100.209
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.418	-0.76	100.752
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.361	-0.71	100.361
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.371	-0.71	103.915
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.519	-0.69	100.519
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.775	-0.68	100.817
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.651	-0.65	100.651
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.241	-0.71	107.286
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.811	-0.64	100.811
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.500	-0.84	119.167
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.883	-0.65	100.883
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	100.966	-0.64	100.966
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.735	-0.65	107.058
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.066	-0.65	105.676
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.116	-0.63	101.116
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.620	-0.62	101.659
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	7.0	101.195	-0.59	101.195
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.509	-0.62	108.851
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.380	-0.59	101.380
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.880	-0.57	111.314
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.740	-0.56	108.350
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.570	-0.55	101.570
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.810	-0.52	109.684
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.660	-0.49	101.660
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.990	-0.47	108.762
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.360	-0.45	107.767
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.670	-0.43	101.670
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	108.010	-0.40	109.243
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.620	-0.37	101.620
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.440	-1.33	114.623
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.380	-0.38	109.247
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	111.080	-0.35	111.732
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.470	-0.30	101.470
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.400	-0.29	139.256
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.590	-0.28	112.028
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.520	-0.24	110.387
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.935	-0.21	107.261
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	104.070	-0.16	104.481
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.410	-0.11	107.736
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.930	-0.05	104.341
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.920	-1.19	115.207
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.920	0.01	99.920
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.500	0.07	101.705
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	155.010	0.06	157.877
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	103.270	0.12	103.433
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.660	0.11	154.931
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.880	0.18	103.338
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.300	0.18	145.395
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	100.050	0.24	100.154
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.160	0.27	171.016
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.370	-0.94	123.615
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.970	0.33	166.123
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.150	0.52	165.245
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.710	0.61	161.458
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.370	0.68	170.245
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.300	0.68	183.395
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.000	0.74	155.434
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	138.960	0.81	140.063
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	125.460	-0.74	132.473
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	140.990	0.83	141.805
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	109.940	0.87	110.348

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the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 11.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 11.12.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.004	-1.46	100.004
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.337	-1.77	103.861
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.369	-0.89	101.174
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.204	-0.81	100.204
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.421	-0.77	100.757
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.364	-0.72	100.364
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.364	-0.72	103.917
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.523	-0.69	100.523
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.761	-0.66	100.804
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.647	-0.64	100.647
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.239	-0.72	107.293
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.807	-0.64	100.807
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.440	-0.80	119.114
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.865	-0.64	100.865
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	100.938	-0.62	100.938
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.699	-0.63	107.031
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.025	-0.64	105.641
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.086	-0.62	101.086
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.596	-0.61	101.636
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	7.0	101.157	-0.58	101.157
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.474	-0.61	108.823
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.354	-0.58	101.354
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.820	-0.55	111.262
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.670	-0.54	108.286
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.520	-0.53	101.520
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.730	-0.50	109.609
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.590	-0.47	101.590
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.890	-0.45	108.667
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.260	-0.43	107.671
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.580	-0.41	101.580
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.900	-0.37	109.137
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.500	-0.34	101.500
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.200	-1.28	114.374
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.240	-0.35	109.111
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.920	-0.32	111.578
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.320	-0.27	101.320
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.190	-0.26	139.063
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.420	-0.25	111.863
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.350	-0.21	110.221
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.760	-0.18	107.089
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.860	-0.12	104.272
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.180	-0.07	107.509
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.720	-0.02	104.132
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.500	-1.13	114.776
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.710	0.04	99.710
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.280	0.09	101.486
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.700	0.08	157.585
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	103.050	0.15	103.214
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.360	0.14	154.646
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.650	0.21	103.109
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	142.980	0.20	145.088
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.810	0.27	99.915
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	164.840	0.29	170.713
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.920	-0.91	123.153
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.680	0.35	165.848
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	162.940	0.53	165.048
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.640	0.62	161.399
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.350	0.68	170.236
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.300	0.68	183.408
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.140	0.74	155.582
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.160	0.80	140.270
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	125.330	-0.73	132.346
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	141.220	0.83	142.042
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	110.150	0.86	110.561

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Prices and yields of listed Federal securities as of 12.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 12.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.325	-1.83	103.859
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.362	-0.88	101.170
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.201	-0.80	100.201
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.422	-0.79	100.759
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.364	-0.73	100.364
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.348	-0.71	103.911
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.524	-0.70	100.524
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.764	-0.67	100.808
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.660	-0.66	100.660
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.248	-0.74	107.311
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.826	-0.66	100.826
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.500	-0.85	119.197
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.880	-0.65	100.880
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	100.958	-0.64	100.958
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.723	-0.65	107.063
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.050	-0.65	105.673
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.124	-0.64	101.124
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.638	-0.63	101.678
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.205	-0.60	101.205
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.515	-0.64	108.871
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.410	-0.60	101.410
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.870	-0.58	111.321
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.740	-0.56	108.363
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.580	-0.56	101.580
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.810	-0.53	109.695
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.670	-0.50	101.670
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.990	-0.47	108.772
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.350	-0.45	107.765
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.670	-0.43	101.670
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	108.000	-0.40	109.241
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.620	-0.37	101.620
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.350	-1.31	114.545
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.380	-0.38	109.255
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	111.060	-0.35	111.723
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.460	-0.30	101.460
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.340	-0.29	139.230
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.570	-0.28	112.018
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.510	-0.24	110.385
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.930	-0.21	107.262
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	104.030	-0.15	104.444
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.370	-0.10	107.702
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.910	-0.04	104.324
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.800	-1.17	115.100
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.910	0.01	99.910
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.490	0.07	101.697
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.980	0.06	157.883
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	103.270	0.12	103.436
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.630	0.11	154.931
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.890	0.18	103.350
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.270	0.18	145.391
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	100.070	0.24	100.175
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.210	0.26	171.100
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.350	-0.94	123.615
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	161.080	0.33	166.264
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.420	0.50	165.541
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	158.210	0.59	161.980
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.940	0.65	170.838
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.920	0.66	184.041
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.710	0.72	156.161
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.640	0.78	140.756
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	126.250	-0.76	133.328
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	141.750	0.81	142.579
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	110.630	0.84	111.044

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Prices and yields of listed Federal securities as of 13.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 13.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.281	-1.88	103.846
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.344	-0.86	101.160
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.194	-0.80	100.194
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.414	-0.80	100.755
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.359	-0.73	100.359
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.316	-0.72	103.908
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.518	-0.70	100.518
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.755	-0.67	100.801
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.640	-0.64	100.640
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.207	-0.73	107.297
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.798	-0.64	100.798
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.440	-0.82	119.173
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.845	-0.63	100.845
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.924	-0.62	100.924
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.668	-0.64	107.032
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	104.981	-0.63	105.622
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.077	-0.62	101.077
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.585	-0.61	101.627
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.147	-0.57	101.147
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.430	-0.61	108.807
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.330	-0.57	101.330
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.750	-0.54	111.228
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.620	-0.53	108.261
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.490	-0.53	101.490
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.680	-0.49	109.581
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.550	-0.46	101.550
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.830	-0.44	108.626
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.190	-0.42	107.617
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.520	-0.40	101.520
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.810	-0.36	109.063
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.430	-0.33	101.430
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.170	-1.28	114.378
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.170	-0.34	109.058
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.830	-0.30	111.509
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.240	-0.26	101.240
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.010	-0.24	138.952
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.320	-0.23	111.782
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.250	-0.20	110.138
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.670	-0.17	107.010
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.820	-0.12	104.238
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.160	-0.07	107.500
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.700	-0.02	104.118
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.480	-1.13	114.793
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.700	0.04	99.700
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.280	0.09	101.489
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.630	0.08	157.586
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	103.040	0.15	103.210
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.270	0.14	154.618
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.640	0.21	103.104
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	142.940	0.20	145.100
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.820	0.27	99.928
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	164.820	0.28	170.762
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.170	-0.93	123.460
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.690	0.35	165.919
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.080	0.52	165.240
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.840	0.61	161.643
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.620	0.67	170.553
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.590	0.67	183.750
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.440	0.73	155.918
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.440	0.79	140.577
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	126.470	-0.77	133.592
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	141.550	0.82	142.399
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	110.450	0.85	110.875

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3) Bundesbank reference price on the Frankfurt Stock Exchange

4) Only for inflation-linked bonds: yield in real terms reported without adjustment for inflation;

the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 14.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 14.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.257	-1.41	103.822
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.341	-0.85	101.157
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.195	-0.81	100.195
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.420	-0.82	100.761
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.356	-0.72	100.356
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.311	-0.71	103.903
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 8	13.0	100.522	-0.70	100.522
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.758	-0.67	100.804
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 11	13.0	100.653	-0.66	100.653
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.226	-0.75	107.316
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 2	13.0	100.823	-0.66	100.823
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.430	-0.81	119.162
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.866	-0.65	100.866
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.968	-0.65	100.968
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.699	-0.66	107.063
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.013	-0.65	105.654
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.145	-0.65	101.145
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.652	-0.64	101.694
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.215	-0.61	101.215
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.500	-0.64	108.877
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.420	-0.61	101.420
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.840	-0.58	111.318
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.720	-0.56	108.361
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.590	-0.56	101.590
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.790	-0.53	109.691
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.680	-0.50	101.680
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.970	-0.47	108.766
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.340	-0.45	107.767
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.680	-0.44	101.680
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.990	-0.40	109.243
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.620	-0.37	101.620
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.290	-1.30	114.508
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.360	-0.38	109.248
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	111.040	-0.35	111.719
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 9	16.0	101.460	-0.30	101.460
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.220	-0.27	139.162
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.530	-0.27	111.992
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.470	-0.24	110.358
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.900	-0.21	107.240
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	104.000	-0.15	104.418
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.330	-0.10	107.670
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.860	-0.04	104.278
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.650	-1.15	114.971
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.860	0.02	99.860
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	101.420	0.08	101.629
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.780	0.07	157.736
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	103.170	0.13	103.340
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.400	0.13	154.748
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.750	0.20	103.214
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.060	0.19	145.220
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.920	0.26	100.028
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	164.890	0.28	170.832
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.290	-0.94	123.586
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.750	0.34	165.979
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	162.890	0.53	165.050
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.460	0.62	161.263
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.070	0.69	170.003
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	180.930	0.69	183.090
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	153.730	0.75	155.208
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	138.650	0.82	139.787
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	125.690	-0.74	132.768
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	140.690	0.84	141.539
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	109.680	0.88	110.105

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the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 17.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 17.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.242	-1.71	103.828
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.339	-0.89	101.161
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 2	13.0	100.198	-0.84	100.198
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.424	-0.85	100.768
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 5	13.0	100.359	-0.74	100.359
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.307	-0.75	103.918
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 8	13.0	100.528	-0.72	100.528
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.760	-0.68	100.807
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 11	13.0	100.660	-0.67	100.660
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.233	-0.77	107.341
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 2	13.0	100.840	-0.68	100.840
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 3	16.0	103.420	-0.81	119.179
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.872	-0.65	100.872
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.986	-0.66	100.986
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.705	-0.67	107.086
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.010	-0.65	105.663
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.153	-0.66	101.153
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 9	19.0	101.672	-0.66	101.716
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.234	-0.62	101.234
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.510	-0.65	108.900
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.430	-0.61	101.430
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.850	-0.59	111.346
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.730	-0.57	108.383
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.600	-0.56	101.600
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.810	-0.54	109.722
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.700	-0.51	101.700
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.990	-0.48	108.795
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.360	-0.46	107.796
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.690	-0.44	101.690
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 1	18.0	108.010	-0.41	109.272
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 3	16.0	101.650	-0.38	101.650
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 3	16.0	106.250	-1.30	114.483
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 4	18.0	108.380	-0.38	109.276
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 7	18.0	111.050	-0.35	111.740
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 9	16.0	101.470	-0.30	101.470
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.190	-0.28	139.166
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 1	18.0	110.550	-0.28	112.022
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 4	18.0	109.500	-0.24	110.396
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 7	18.0	106.930	-0.22	107.275
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 1	23.0	104.060	-0.16	104.481
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 7	23.0	107.390	-0.11	107.735
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 1	26.0	103.920	-0.05	104.341
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 3	14.5	109.600	-1.15	114.936
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 7	25.0	99.920	0.01	99.920
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 1	26.0	101.490	0.07	101.700
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.840	0.06	157.832
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 7	25.0	103.240	0.12	103.413
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.460	0.12	154.838
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 1	21.0	102.820	0.19	103.287
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.130	0.18	145.316
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 7	21.0	100.000	0.25	100.109
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	164.960	0.27	170.936
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 3	12.1	117.200	-0.93	123.513
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.840	0.34	166.099
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	162.940	0.52	165.126
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.430	0.62	161.255
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.050	0.69	170.006
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	180.810	0.70	182.996
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	153.600	0.76	155.096
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	138.490	0.82	139.641
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 3	8.0	125.400	-0.74	132.483
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 7	25.5	140.510	0.85	141.373
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 7	12.0	109.520	0.88	109.952

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the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 18.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 18.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.230	-1.78	103.826
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.334	-0.89	101.159
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 2	13.0	100.198	-0.85	100.198
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.418	-0.84	100.763
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 5	13.0	100.358	-0.74	100.358
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.296	-0.75	103.917
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 8	13.0	100.525	-0.71	100.525
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.763	-0.69	100.811
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 11	13.0	100.654	-0.66	100.654
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.230	-0.78	107.346
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 2	13.0	100.830	-0.67	100.830
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 3	16.0	103.350	-0.77	119.114
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 3	20.0	100.868	-0.65	100.868
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.995	-0.67	100.995
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.703	-0.68	107.092
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	105.010	-0.66	105.670
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.160	-0.67	101.160
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 9	19.0	101.677	-0.66	101.722
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.243	-0.62	101.243
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.510	-0.66	108.907
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.450	-0.62	101.450
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.860	-0.59	111.365
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.750	-0.58	108.410
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.620	-0.57	101.620
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.830	-0.55	109.748
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.730	-0.52	101.730
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	108.020	-0.49	108.830
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.390	-0.47	107.830
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.730	-0.45	101.730
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 1	18.0	108.060	-0.42	109.326
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 3	16.0	101.710	-0.39	101.710
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 3	16.0	106.200	-1.29	114.438
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 4	18.0	108.420	-0.39	109.320
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 7	18.0	111.100	-0.36	111.796
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 9	16.0	101.530	-0.31	101.530
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.240	-0.29	139.233
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 1	18.0	110.600	-0.29	112.077
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 4	18.0	109.560	-0.26	110.460
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 7	18.0	106.990	-0.23	107.338
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 1	23.0	104.140	-0.17	104.562
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 7	23.0	107.490	-0.12	107.838
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 1	26.0	104.030	-0.06	104.452
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 3	14.5	109.500	-1.14	114.841
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 7	25.0	100.040	-0.01	100.040
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 1	26.0	101.630	0.05	101.841
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	155.020	0.04	158.030
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 7	25.0	103.400	0.11	103.574
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.670	0.10	155.064
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 1	21.0	103.000	0.17	103.468
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.340	0.17	145.539
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 7	21.0	100.170	0.23	100.280
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.220	0.25	171.213
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 3	12.1	117.000	-0.92	123.314
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	161.130	0.32	166.404
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.370	0.50	165.569
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.920	0.60	161.756
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.610	0.66	170.578
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.420	0.68	183.619
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.200	0.73	155.705
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.100	0.80	140.258
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 3	8.0	125.800	-0.75	132.917
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 7	25.5	141.170	0.83	142.040
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 7	12.0	110.120	0.86	110.555

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3) Bundesbank reference price on the Frankfurt Stock Exchange

4) Only for inflation-linked bonds: yield in real terms reported without adjustment for inflation;

the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 19.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 19.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.215	-1.79	103.821
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.324	-0.87	101.151
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 2	13.0	100.195	-0.85	100.195
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.410	-0.83	100.757
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 5	13.0	100.363	-0.75	100.363
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.277	-0.73	103.907
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 8	13.0	100.519	-0.71	100.519
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.752	-0.68	100.801
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 11	13.0	100.641	-0.65	100.641
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.204	-0.77	107.329
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 2	13.0	100.810	-0.66	100.810
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 3	16.0	103.300	-0.74	119.072
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 3	20.0	100.845	-0.64	100.845
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.985	-0.66	100.985
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.663	-0.66	107.060
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	104.970	-0.64	105.636
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.124	-0.65	101.124
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 9	19.0	101.643	-0.64	101.688
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.205	-0.61	101.205
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.465	-0.64	108.869
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.400	-0.60	101.400
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.790	-0.57	111.304
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.680	-0.56	108.346
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.560	-0.55	101.560
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.750	-0.52	109.673
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.640	-0.49	101.640
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.920	-0.47	108.735
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.290	-0.45	107.734
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.620	-0.42	101.620
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 1	18.0	107.920	-0.39	109.190
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 3	16.0	101.580	-0.36	101.580
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 3	16.0	105.900	-1.22	114.124
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 4	18.0	108.280	-0.36	109.184
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 7	18.0	110.940	-0.33	111.641
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 9	16.0	101.380	-0.28	101.380
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.050	-0.26	139.060
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 1	18.0	110.430	-0.26	111.912
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 4	18.0	109.390	-0.23	110.294
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 7	18.0	106.820	-0.20	107.171
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 1	23.0	103.960	-0.14	104.383
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 7	23.0	107.310	-0.10	107.661
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 1	26.0	103.850	-0.04	104.273
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 3	14.5	109.150	-1.09	114.483
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 7	25.0	99.880	0.02	99.880
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 1	26.0	101.470	0.07	101.682
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.820	0.06	157.847
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 7	25.0	103.260	0.12	103.435
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.490	0.12	154.899
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 1	21.0	102.870	0.18	103.340
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.160	0.18	145.372
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 7	21.0	100.020	0.25	100.130
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.030	0.26	171.040
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 3	12.1	116.800	-0.90	123.114
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.960	0.33	166.249
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.220	0.51	165.432
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.790	0.61	161.637
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.520	0.67	170.499
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.330	0.68	183.542
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.180	0.73	155.694
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.120	0.80	140.284
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 3	8.0	125.600	-0.74	132.716
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 7	25.5	141.200	0.83	142.077
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 7	12.0	110.150	0.86	110.588

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the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 20.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 20.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.167	-1.73	103.804
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.300	-0.82	101.136
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 2	13.0	100.183	-0.82	100.183
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.399	-0.83	100.750
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 5	13.0	100.359	-0.76	100.359
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.243	-0.74	103.902
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 8	13.0	100.512	-0.71	100.512
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.743	-0.68	100.794
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 11	13.0	100.630	-0.65	100.630
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.170	-0.77	107.322
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 2	13.0	100.802	-0.65	100.802
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 3	16.0	103.180	-0.66	118.979
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 3	20.0	100.840	-0.64	100.840
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.976	-0.66	100.976
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.633	-0.66	107.055
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	104.950	-0.64	105.634
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.118	-0.65	101.118
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 9	19.0	101.633	-0.64	101.680
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.203	-0.61	101.203
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.445	-0.64	108.870
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.390	-0.60	101.390
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.770	-0.58	111.310
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.660	-0.56	108.344
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.570	-0.56	101.570
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.740	-0.53	109.680
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.660	-0.50	101.660
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.930	-0.47	108.759
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.300	-0.45	107.756
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.660	-0.43	101.660
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 1	18.0	107.960	-0.40	109.242
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 3	16.0	101.630	-0.37	101.630
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 3	16.0	105.840	-1.21	114.087
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 4	18.0	108.320	-0.38	109.236
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 7	18.0	110.990	-0.34	111.708
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 9	16.0	101.440	-0.30	101.440
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.070	-0.27	139.132
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 1	18.0	110.460	-0.27	111.956
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 4	18.0	109.420	-0.23	110.336
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 7	18.0	106.880	-0.21	107.239
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 1	23.0	104.080	-0.16	104.507
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 7	23.0	107.440	-0.12	107.799
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 1	26.0	104.000	-0.06	104.427
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 3	14.5	109.050	-1.08	114.406
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 7	25.0	100.030	0.00	100.030
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 1	26.0	101.640	0.05	101.854
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	155.020	0.04	158.101
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 7	25.0	103.450	0.10	103.629
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.700	0.09	155.155
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 1	21.0	103.070	0.16	103.544
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.380	0.16	145.631
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 7	21.0	100.210	0.23	100.322
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.280	0.24	171.342
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 3	12.1	116.700	-0.90	123.043
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	161.210	0.31	166.544
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.550	0.49	165.801
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	158.170	0.59	162.049
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.970	0.65	170.984
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.840	0.66	184.091
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.670	0.72	156.210
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.610	0.78	140.795
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 3	8.0	125.200	-0.73	132.324
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 7	25.5	141.740	0.81	142.637
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 7	12.0	110.640	0.84	111.089

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the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 21.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 21.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.122	-0.29	103.759
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.290	-0.76	101.126
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 2	13.0	100.179	-0.81	100.179
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.384	-0.78	100.735
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 5	13.0	100.353	-0.75	100.353
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.205	-0.67	103.864
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 8	13.0	100.503	-0.69	100.503
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.733	-0.66	100.784
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 11	13.0	100.630	-0.65	100.630
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.145	-0.74	107.297
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 2	13.0	100.801	-0.65	100.801
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 3	16.0	103.100	-0.60	118.888
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 3	20.0	100.826	-0.62	100.826
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.967	-0.65	100.967
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.596	-0.64	107.018
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	104.923	-0.63	105.607
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.107	-0.64	101.107
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 9	19.0	101.624	-0.64	101.671
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.190	-0.60	101.190
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.415	-0.63	108.840
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.380	-0.60	101.380
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.730	-0.56	111.270
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.640	-0.55	108.324
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.560	-0.55	101.560
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.720	-0.52	109.660
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.660	-0.50	101.660
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.910	-0.47	108.739
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.290	-0.45	107.746
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.650	-0.43	101.650
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 1	18.0	107.940	-0.40	109.222
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 3	16.0	101.620	-0.37	101.620
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 3	16.0	105.650	-1.17	113.882
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 4	18.0	108.290	-0.37	109.206
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 7	18.0	110.970	-0.34	111.688
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 9	16.0	101.450	-0.30	101.450
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	132.990	-0.26	139.052
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 1	18.0	110.410	-0.26	111.906
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 4	18.0	109.410	-0.23	110.326
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 7	18.0	106.870	-0.21	107.229
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 1	23.0	103.995	-0.15	104.422
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 7	23.0	107.335	-0.10	107.694
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 1	26.0	103.905	-0.05	104.332
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 3	14.5	108.800	-1.05	114.144
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 7	25.0	99.945	0.01	99.945
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 1	26.0	101.555	0.06	101.769
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.830	0.05	157.911
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 7	25.0	103.350	0.11	103.529
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.485	0.11	154.940
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 1	21.0	102.945	0.18	103.419
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.180	0.18	145.431
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 7	21.0	100.105	0.24	100.217
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.055	0.26	171.117
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 3	12.1	116.200	-0.86	122.517
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	160.985	0.32	166.319
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.300	0.50	165.551
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.925	0.60	161.804
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.710	0.66	170.724
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.550	0.67	183.801
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.430	0.72	155.970
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.430	0.79	140.615
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 3	8.0	124.350	-0.71	131.427
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 7	25.5	141.540	0.82	142.437
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 7	12.0	110.460	0.85	110.909

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the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 27.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 27.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.060	-1.66	103.769
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 1	16.0	100.272	-0.86	101.127
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 2	13.0	100.177	-0.87	100.177
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.372	-0.83	100.732
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 5	13.0	100.348	-0.77	100.348
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.165	-0.74	103.891
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 8	13.0	100.508	-0.72	100.508
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.729	-0.68	100.784
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 11	13.0	100.638	-0.67	100.638
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.121	-0.79	107.335
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 2	13.0	100.812	-0.67	100.812
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 3	16.0	103.000	-0.56	118.877
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 3	20.0	100.843	-0.65	100.843
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.998	-0.68	100.998
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.596	-0.68	107.075
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	104.941	-0.67	105.668
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.148	-0.67	101.148
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 9	19.0	101.668	-0.67	101.720
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.246	-0.63	101.246
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.450	-0.67	108.923
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.460	-0.64	101.460
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.780	-0.61	111.383
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.690	-0.59	108.417
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.640	-0.59	101.640
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.790	-0.56	109.768
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.750	-0.53	101.750
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.990	-0.50	108.853
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.380	-0.48	107.865
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.750	-0.46	101.750
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 1	18.0	108.040	-0.43	109.351
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 3	16.0	101.720	-0.40	101.720
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 3	16.0	105.600	-1.17	113.892
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 4	18.0	108.380	-0.40	109.325
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 7	18.0	111.070	-0.37	111.826
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 9	16.0	101.580	-0.33	101.580
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.060	-0.29	139.242
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 1	18.0	110.550	-0.29	112.079
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 4	18.0	109.530	-0.26	110.475
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 7	18.0	107.000	-0.24	107.378
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 1	23.0	104.140	-0.17	104.577
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 7	23.0	107.490	-0.13	107.868
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 1	26.0	104.050	-0.07	104.487
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 3	14.5	108.700	-1.04	114.102
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 7	25.0	100.090	-0.01	100.090
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 1	26.0	101.690	0.04	101.908
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.940	0.03	158.145
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 7	25.0	103.500	0.09	103.689
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.620	0.09	155.183
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 1	21.0	103.080	0.16	103.564
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.300	0.16	145.642
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 7	21.0	100.245	0.22	100.362
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.180	0.24	171.362
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 3	12.1	116.100	-0.85	122.489
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	161.150	0.31	166.590
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.460	0.49	165.802
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	158.090	0.59	162.046
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.800	0.65	170.896
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.680	0.66	184.022
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.520	0.72	156.123
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.430	0.79	140.663
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 3	8.0	123.750	-0.69	130.867
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 7	25.5	141.520	0.82	142.465
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 7	12.0	110.460	0.85	110.933

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Prices and yields of listed Federal securities as of 28.12.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 28.12.18	Yield	"Dirty price"
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 0	24.0	100.020	1.86	103.729
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 1	16.0	100.258	-0.77	101.113
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 2	13.0	100.171	-0.84	100.171
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 3	16.0	100.355	-0.76	100.715
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 5	13.0	100.346	-0.76	100.346
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 6	24.0	102.132	-0.68	103.858
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 8	13.0	100.500	-0.71	100.500
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 9	16.0	100.724	-0.68	100.779
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 11	13.0	100.628	-0.66	100.628
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 0	22.0	104.104	-0.78	107.318
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 2	13.0	100.796	-0.66	100.796
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 3	16.0	102.950	-0.53	118.820
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 3	20.0	100.823	-0.63	100.823
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 5	12.0	100.980	-0.67	100.980
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 6	22.0	105.577	-0.67	107.056
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 8	16.0	104.920	-0.66	105.647
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 8	12.0	101.146	-0.67	101.146
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 9	19.0	101.668	-0.67	101.720
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 11	7.0	101.238	-0.63	101.238
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 0	19.0	106.447	-0.67	108.920
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 3	21.0	101.450	-0.63	101.450
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 6	19.0	109.770	-0.61	111.373
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 8	16.0	107.700	-0.59	108.427
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 9	19.0	101.660	-0.59	101.660
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 0	20.0	107.800	-0.56	109.778
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 3	18.0	101.760	-0.53	101.760
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 6	24.0	107.980	-0.50	108.843
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 8	18.0	107.370	-0.48	107.855
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 9	17.0	101.770	-0.46	101.770
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 1	18.0	108.050	-0.43	109.361
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 3	16.0	101.730	-0.40	101.730
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 3	16.0	105.550	-1.16	113.839
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 4	18.0	108.390	-0.40	109.335
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 7	18.0	111.080	-0.37	111.836
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 9	16.0	101.590	-0.33	101.590
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 0	10.3	133.040	-0.29	139.222
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 1	18.0	110.520	-0.28	112.049
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 4	18.0	109.520	-0.26	110.465
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 7	18.0	106.990	-0.23	107.368
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 1	23.0	104.150	-0.17	104.587
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 7	23.0	107.500	-0.13	107.878
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 1	26.0	104.040	-0.07	104.477
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 3	14.5	108.600	-1.03	113.997
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 7	25.0	100.090	-0.01	100.090
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 1	26.0	101.690	0.04	101.908
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 6	11.3	154.920	0.03	158.125
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 7	25.0	103.490	0.09	103.679
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 0	14.5	149.580	0.10	155.143
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 1	21.0	103.050	0.16	103.534
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 6	11.3	143.260	0.16	145.602
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 7	21.0	100.220	0.23	100.337
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 0	9.3	165.100	0.25	171.282
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 3	12.1	115.850	-0.83	122.226
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 0	17.0	161.050	0.31	166.490
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 6	20.0	163.240	0.50	165.582
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 0	23.0	157.850	0.60	161.806
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 6	14.0	168.490	0.67	170.586
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 6	16.0	181.300	0.68	183.642
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 6	15.0	154.120	0.73	155.723
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 6	26.5	139.000	0.80	140.233
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 3	8.0	123.200	-0.67	130.285
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 7	25.5	141.060	0.83	142.005
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 7	12.0	110.080	0.86	110.553

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