



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

Prices and yields of listed Federal securities as of 01.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 01.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.070	-0.65	100.070
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 2	24.0	100.780	-0.96	103.914
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.534	-0.78	101.235
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.268	-0.75	100.268
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 5	16.0	100.533	-0.73	100.817
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.423	-0.70	100.423
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 8	24.0	102.780	-0.68	103.969
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.588	-0.68	100.588
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 11	16.0	100.871	-0.68	100.888
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.773	-0.69	100.773
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 2	22.0	104.750	-0.79	107.466
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.950	-0.70	100.950
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.990	-1.64	120.087
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	101.020	-0.70	101.020
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 7	12.0	101.068	-0.66	101.068
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 8	22.0	106.157	-0.67	107.176
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 10	16.0	105.353	-0.65	105.735
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 10	12.0	101.147	-0.61	101.147
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.717	-0.62	101.731
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 2	19.0	106.810	-0.62	108.899
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 5	21.0	101.390	-0.57	101.390
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 8	19.0	110.190	-0.54	111.294
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 10	16.0	107.910	-0.52	108.292
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 11	19.0	101.490	-0.50	101.490
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 2	20.0	107.880	-0.47	109.551
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 5	18.0	101.460	-0.42	101.460
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 8	24.0	107.930	-0.40	108.525
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 10	18.0	107.230	-0.37	107.485
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 11	17.0	101.360	-0.34	101.360
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.750	-0.30	108.831
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.150	-0.26	101.150
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.340	-1.49	115.031
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	108.020	-0.26	108.735
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.690	-0.22	111.139
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	100.870	-0.18	100.870
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 2	10.3	133.270	-0.16	138.493
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	110.010	-0.14	111.271
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	108.895	-0.10	109.610
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.180	-0.07	106.405
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.170	0.00	103.530
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.460	0.04	106.685
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	102.835	0.11	103.195
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.240	-1.21	114.981
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.655	0.17	98.655
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.137	0.23	100.317
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 8	11.3	153.820	0.22	156.028
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	101.795	0.29	101.907
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 2	14.5	148.250	0.28	152.950
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.345	0.35	101.752
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 8	11.3	141.860	0.34	143.474
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	16.0	98.440	0.41	98.519
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 2	9.3	163.360	0.43	168.583
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	116.880	-0.89	122.461
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 2	17.0	158.895	0.50	163.491
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 8	20.0	160.220	0.68	161.834
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 2	23.0	154.350	0.78	157.692
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 8	14.0	164.490	0.84	165.934
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 8	16.0	176.980	0.85	178.594
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 8	15.0	149.630	0.91	150.734
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 8	26.5	134.450	0.98	135.299
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	122.230	-0.64	128.439
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	136.060	1.01	136.622
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	105.280	1.04	105.561

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 02.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 02.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.067	-0.63	100.067
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 2	24.0	100.766	-0.88	103.900
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.526	-0.75	101.227
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.262	-0.73	100.262
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 5	16.0	100.530	-0.72	100.814
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.418	-0.69	100.418
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 8	24.0	102.763	-0.66	103.952
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.578	-0.67	100.578
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 11	16.0	100.869	-0.68	100.886
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.758	-0.68	100.758
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 2	22.0	104.732	-0.78	107.448
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.940	-0.69	100.940
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.920	-1.60	120.008
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	101.011	-0.69	101.011
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 7	12.0	101.063	-0.66	101.063
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 8	22.0	106.140	-0.66	107.159
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 10	16.0	105.343	-0.64	105.725
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 10	12.0	101.140	-0.61	101.140
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.710	-0.62	101.724
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 2	19.0	106.790	-0.61	108.879
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 5	21.0	101.370	-0.56	101.370
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 8	19.0	110.150	-0.53	111.254
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 10	16.0	107.870	-0.50	108.252
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 11	19.0	101.460	-0.49	101.460
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 2	20.0	107.840	-0.45	109.511
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 5	18.0	101.420	-0.41	101.420
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 8	24.0	107.870	-0.38	108.465
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 10	18.0	107.170	-0.36	107.425
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 11	17.0	101.310	-0.33	101.310
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.680	-0.28	108.761
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.090	-0.24	101.090
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.210	-1.46	114.891
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	107.950	-0.25	108.665
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.600	-0.21	111.049
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	100.780	-0.16	100.780
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 2	10.3	133.150	-0.14	138.373
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	109.940	-0.13	111.201
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	108.820	-0.09	109.535
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.110	-0.06	106.335
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.090	0.01	103.450
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.370	0.06	106.595
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	102.730	0.12	103.090
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.050	-1.18	114.783
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.540	0.19	98.540
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.010	0.25	100.190
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 8	11.3	153.620	0.24	155.828
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	101.650	0.31	101.762
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 2	14.5	148.040	0.30	152.740
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.180	0.37	101.587
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 8	11.3	141.640	0.36	143.254
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	16.0	98.270	0.43	98.349
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 2	9.3	163.110	0.44	168.333
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	116.550	-0.87	122.116
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 2	17.0	158.650	0.51	163.246
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 8	20.0	159.930	0.70	161.544
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 2	23.0	154.030	0.79	157.372
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 8	14.0	164.080	0.85	165.524
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 8	16.0	176.560	0.86	178.174
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 8	15.0	149.190	0.93	150.294
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 8	26.5	134.050	0.99	134.899
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	121.550	-0.62	127.725
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	135.600	1.02	136.162
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	104.870	1.06	105.151

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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;

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Prices and yields of listed Federal securities as of 05.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 05.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.065	-0.64	100.065
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.754	-0.96	103.908
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.519	-0.76	101.226
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.260	-0.74	100.260
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 5	16.0	100.526	-0.72	100.812
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.418	-0.69	100.418
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.753	-0.68	103.961
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.580	-0.68	100.580
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 11	16.0	100.866	-0.68	100.884
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.760	-0.69	100.760
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.728	-0.79	107.462
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.945	-0.70	100.945
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.880	-1.58	120.009
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	101.020	-0.70	101.020
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 7	12.0	101.070	-0.67	101.070
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.143	-0.68	107.179
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.350	-0.65	105.745
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 10	12.0	101.154	-0.62	101.154
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.722	-0.63	101.737
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.800	-0.62	108.903
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 5	21.0	101.390	-0.57	101.390
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.170	-0.54	111.292
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.890	-0.52	108.285
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 11	19.0	101.480	-0.50	101.480
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.860	-0.46	109.542
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 5	18.0	101.460	-0.42	101.460
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.910	-0.39	108.514
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.210	-0.37	107.473
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 11	17.0	101.350	-0.34	101.350
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.730	-0.29	108.819
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.140	-0.26	101.140
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.240	-1.47	114.958
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	108.000	-0.26	108.723
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.650	-0.22	111.110
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	100.840	-0.17	100.840
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.190	-0.15	138.447
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	109.980	-0.13	111.251
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	108.860	-0.10	109.583
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.140	-0.06	106.370
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.120	0.00	103.483
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.390	0.05	106.620
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	102.750	0.12	103.113
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.090	-1.19	114.861
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.550	0.19	98.550
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.010	0.25	100.192
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	153.600	0.24	155.844
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	101.650	0.31	101.765
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.020	0.30	152.751
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.170	0.37	101.580
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	141.600	0.36	143.240
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	16.0	98.250	0.43	98.330
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.050	0.45	168.307
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	116.510	-0.87	122.114
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	158.580	0.52	163.206
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	159.850	0.70	161.490
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	153.920	0.80	157.284
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	163.910	0.86	165.377
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	176.380	0.87	178.020
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	148.980	0.93	150.102
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	133.840	1.00	134.703
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	121.430	-0.61	127.637
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	135.370	1.03	135.945
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	104.660	1.07	104.948

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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 06.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 06.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.063	-0.64	100.063
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.738	-0.94	103.902
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.513	-0.76	101.223
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.256	-0.73	100.256
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 5	16.0	100.521	-0.72	100.809
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.415	-0.69	100.415
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.743	-0.68	103.961
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.575	-0.68	100.575
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 11	16.0	100.863	-0.68	100.882
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.754	-0.68	100.754
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.706	-0.78	107.448
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.943	-0.70	100.943
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.890	-1.59	120.045
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	101.013	-0.70	101.013
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 7	12.0	101.067	-0.66	101.067
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.132	-0.68	107.176
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.340	-0.65	105.741
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 10	12.0	101.152	-0.62	101.152
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.720	-0.63	101.736
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.790	-0.62	108.900
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 5	21.0	101.390	-0.57	101.390
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.170	-0.55	111.301
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.910	-0.52	108.311
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 11	19.0	101.500	-0.51	101.500
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.880	-0.47	109.568
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 5	18.0	101.490	-0.43	101.490
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.940	-0.40	108.549
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.250	-0.38	107.517
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 11	17.0	101.400	-0.35	101.400
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.780	-0.31	108.873
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.200	-0.27	101.200
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.340	-1.49	115.083
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	108.060	-0.27	108.787
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.720	-0.23	111.186
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	100.920	-0.19	100.920
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.270	-0.17	138.544
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	110.030	-0.14	111.305
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	108.920	-0.11	109.647
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.210	-0.07	106.443
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.200	-0.01	103.564
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.480	0.04	106.713
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	102.850	0.11	103.214
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.400	-1.23	115.202
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.660	0.17	98.660
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.130	0.23	100.312
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	153.750	0.22	156.012
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	101.780	0.29	101.896
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.180	0.29	152.927
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.300	0.36	101.711
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	141.780	0.34	143.433
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	16.0	98.380	0.42	98.461
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.250	0.43	168.524
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	117.000	-0.90	122.646
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	158.780	0.50	163.421
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.110	0.69	161.763
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.220	0.78	157.595
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.260	0.85	165.739
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	176.750	0.85	178.403
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.350	0.92	150.481
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.190	0.99	135.060
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	122.310	-0.64	128.582
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	135.740	1.02	136.322
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	104.990	1.05	105.281

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Prices and yields of listed Federal securities as of 07.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 07.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.055	-0.57	100.055
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.724	-0.93	103.899
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.504	-0.74	101.216
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.248	-0.72	100.248
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 5	16.0	100.513	-0.71	100.802
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.410	-0.69	100.410
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.726	-0.67	103.953
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.570	-0.67	100.570
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 11	16.0	100.855	-0.67	100.875
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.735	-0.67	100.735
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.662	-0.76	107.413
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.924	-0.68	100.924
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.860	-1.58	120.035
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	100.994	-0.69	100.994
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 7	12.0	101.044	-0.65	101.044
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.095	-0.66	107.147
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.300	-0.64	105.707
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 10	12.0	101.118	-0.60	101.118
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.678	-0.61	101.694
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.740	-0.60	108.856
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 5	21.0	101.340	-0.55	101.340
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.110	-0.53	111.250
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.840	-0.50	108.247
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 11	19.0	101.440	-0.49	101.440
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.810	-0.45	109.503
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 5	18.0	101.420	-0.41	101.420
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.860	-0.38	108.474
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.160	-0.36	107.431
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 11	17.0	101.320	-0.33	101.320
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.690	-0.29	108.787
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.130	-0.25	101.130
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.330	-1.49	115.091
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	107.970	-0.25	108.702
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.630	-0.22	111.101
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	100.830	-0.17	100.830
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.150	-0.15	138.441
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	109.950	-0.13	111.230
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	108.840	-0.10	109.572
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.130	-0.06	106.366
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.120	0.00	103.486
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.400	0.05	106.636
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	102.780	0.12	103.146
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.340	-1.22	115.156
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.600	0.18	98.600
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.070	0.24	100.253
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	153.680	0.23	155.959
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	101.740	0.30	101.858
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.100	0.29	152.862
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.260	0.36	101.672
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	141.710	0.35	143.376
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	19.0	98.350	0.42	98.432
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.180	0.43	168.471
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	116.970	-0.90	122.635
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	158.740	0.50	163.396
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.080	0.69	161.746
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.220	0.78	157.606
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.280	0.84	165.770
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	176.780	0.85	178.446
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.410	0.92	150.550
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.270	0.98	135.147
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	122.600	-0.65	128.906
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	135.860	1.01	136.449
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	105.080	1.05	105.375

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Prices and yields of listed Federal securities as of 08.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 08.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.052	-0.59	100.052
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.685	-0.93	103.890
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.485	-0.73	101.206
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.241	-0.71	100.241
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 5	16.0	100.499	-0.70	100.792
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.401	-0.68	100.401
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.690	-0.67	103.946
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.558	-0.66	100.558
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 11	16.0	100.840	-0.66	100.862
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.720	-0.66	100.720
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.605	-0.74	107.383
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.900	-0.67	100.900
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.800	-1.56	120.037
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	100.968	-0.67	100.968
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 7	12.0	101.003	-0.63	101.003
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.031	-0.64	107.108
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.247	-0.62	105.672
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 10	12.0	101.088	-0.59	101.088
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.643	-0.60	101.661
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.680	-0.58	108.817
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 5	21.0	101.300	-0.54	101.300
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.020	-0.51	111.186
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.770	-0.49	108.195
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 11	19.0	101.380	-0.47	101.380
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.730	-0.44	109.440
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 5	18.0	101.340	-0.39	101.340
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.760	-0.36	108.388
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.050	-0.33	107.334
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.230	-0.31	101.230
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.570	-0.26	108.680
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.010	-0.23	101.010
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.220	-1.47	115.025
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	107.830	-0.23	108.574
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.470	-0.19	110.958
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	100.690	-0.14	100.690
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	132.920	-0.12	138.262
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	109.820	-0.11	111.115
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	108.700	-0.08	109.444
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	105.990	-0.04	106.234
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	102.950	0.03	103.320
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.210	0.08	106.454
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	102.590	0.14	102.960
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.140	-1.20	115.001
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.400	0.21	98.400
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	99.840	0.27	100.025
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	153.330	0.25	155.663
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	101.490	0.33	101.612
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	147.730	0.32	152.538
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.000	0.39	101.416
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	141.350	0.37	143.055
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	19.0	98.083	0.45	98.167
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	162.700	0.46	168.042
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	116.690	-0.88	122.402
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	158.250	0.53	162.951
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	159.450	0.72	161.155
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	153.550	0.81	156.969
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	163.450	0.88	164.975
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	175.900	0.88	177.605
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	148.500	0.95	149.666
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	133.400	1.01	134.297
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	121.760	-0.62	128.083
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	134.900	1.04	135.510
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	104.250	1.08	104.555

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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 09.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 09.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.050	-0.57	100.050
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.670	-0.83	103.875
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.480	-0.71	101.201
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.238	-0.70	100.238
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 5	16.0	100.496	-0.69	100.789
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.398	-0.68	100.398
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.676	-0.65	103.932
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.554	-0.66	100.554
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 11	16.0	100.836	-0.66	100.858
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.723	-0.66	100.723
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.597	-0.73	107.375
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.907	-0.68	100.907
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.750	-1.53	119.980
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	100.973	-0.68	100.973
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 7	12.0	101.012	-0.63	101.012
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.030	-0.64	107.107
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.250	-0.62	105.675
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 10	12.0	101.100	-0.60	101.100
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.655	-0.60	101.673
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.700	-0.59	108.837
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 5	21.0	101.330	-0.55	101.330
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.050	-0.52	111.216
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.800	-0.50	108.225
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.420	-0.48	101.420
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.780	-0.45	109.490
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.410	-0.41	101.410
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.830	-0.38	108.458
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.130	-0.35	107.414
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.310	-0.33	101.310
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.670	-0.29	108.780
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.120	-0.25	101.120
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.250	-1.47	115.058
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	107.940	-0.25	108.684
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.580	-0.21	111.068
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	100.820	-0.17	100.820
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.060	-0.15	138.402
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	109.910	-0.13	111.205
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	108.790	-0.09	109.534
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.090	-0.06	106.334
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.060	0.01	103.430
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.330	0.06	106.574
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	102.710	0.12	103.080
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.110	-1.19	114.970
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.550	0.19	98.550
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.000	0.25	100.185
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	153.540	0.23	155.873
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	101.680	0.31	101.802
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	147.960	0.30	152.768
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.200	0.37	101.616
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	141.610	0.35	143.315
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	19.0	98.310	0.43	98.394
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.030	0.44	168.372
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	116.930	-0.90	122.653
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	158.600	0.51	163.301
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	159.900	0.69	161.605
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.000	0.79	157.419
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.030	0.85	165.555
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	176.500	0.86	178.205
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.100	0.93	150.266
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.000	0.99	134.897
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	122.370	-0.64	128.724
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	135.600	1.02	136.210
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	104.870	1.06	105.175

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Prices and yields of listed Federal securities as of 12.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 12.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.048	-0.58	100.048
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.657	-0.92	103.883
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.478	-0.74	101.204
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.237	-0.71	100.237
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 5	16.0	100.492	-0.70	100.788
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.398	-0.68	100.398
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.667	-0.67	103.942
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.556	-0.67	100.556
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.840	-0.67	100.863
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.737	-0.68	100.737
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.595	-0.75	107.391
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.920	-0.69	100.920
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.720	-1.52	119.993
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	100.992	-0.69	100.992
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 7	12.0	101.041	-0.66	101.041
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.048	-0.66	107.141
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.286	-0.65	105.724
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.143	-0.62	101.143
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.700	-0.63	101.720
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.740	-0.62	108.891
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.390	-0.57	101.390
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.120	-0.55	111.304
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.880	-0.53	108.318
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.510	-0.52	101.510
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.870	-0.48	109.591
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.510	-0.44	101.510
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.950	-0.42	108.588
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.250	-0.39	107.542
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.440	-0.37	101.440
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.820	-0.32	108.938
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.280	-0.29	101.280
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.370	-1.50	115.222
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	108.100	-0.29	108.852
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.770	-0.25	111.269
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	101.000	-0.20	101.000
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.270	-0.19	138.647
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	110.135	-0.17	111.439
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	109.030	-0.13	109.782
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.340	-0.10	106.589
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.330	-0.03	103.703
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.620	0.02	106.869
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	103.020	0.08	103.393
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.480	-1.24	115.391
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.890	0.14	98.890
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.380	0.20	100.566
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.020	0.19	156.388
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	102.070	0.26	102.195
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.450	0.26	153.289
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.600	0.32	102.019
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.070	0.31	143.801
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	19.0	98.700	0.39	98.785
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.610	0.40	168.987
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	117.410	-0.94	123.195
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.200	0.47	163.932
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.590	0.66	162.321
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.790	0.76	158.231
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.920	0.82	166.469
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.460	0.83	179.191
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.980	0.89	151.164
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.920	0.96	135.831
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	123.600	-0.68	130.056
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	136.560	0.99	137.183
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	105.750	1.02	106.062

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Prices and yields of listed Federal securities as of 13.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 13.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.048	-0.60	100.048
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.646	-0.93	103.882
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.476	-0.75	101.205
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.235	-0.71	100.235
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.484	-0.69	100.781
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.395	-0.68	100.395
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.652	-0.66	103.937
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 10	13.0	100.550	-0.66	100.550
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.834	-0.67	100.858
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 1	13.0	100.730	-0.67	100.730
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.580	-0.74	107.385
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 4	13.0	100.908	-0.68	100.908
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.660	-1.49	119.948
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	100.975	-0.68	100.975
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.029	-0.65	101.029
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.028	-0.66	107.129
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.272	-0.65	105.716
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.135	-0.62	101.135
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.687	-0.62	101.708
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.215	-0.58	101.215
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.730	-0.62	108.888
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.380	-0.57	101.380
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.100	-0.55	111.293
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.860	-0.53	108.304
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.490	-0.51	101.490
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.850	-0.48	109.576
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.500	-0.44	101.500
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.930	-0.41	108.572
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.240	-0.39	107.536
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.430	-0.36	101.430
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.820	-0.32	108.942
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.280	-0.29	101.280
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.230	-1.47	115.090
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	108.100	-0.29	108.856
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.770	-0.25	111.274
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 11	13.0	101.010	-0.20	101.010
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.270	-0.19	138.664
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	110.120	-0.17	111.429
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	109.020	-0.13	109.776
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.340	-0.10	106.592
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.330	-0.03	103.704
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.610	0.02	106.862
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	103.000	0.08	103.374
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.350	-1.23	115.273
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.870	0.15	98.870
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.360	0.21	100.547
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	153.980	0.19	156.366
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	102.060	0.26	102.186
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.440	0.25	153.294
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.610	0.32	102.031
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.070	0.31	143.814
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	19.0	98.710	0.39	98.796
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.580	0.40	168.974
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	117.260	-0.93	123.058
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.150	0.47	163.897
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.460	0.66	162.204
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.580	0.77	158.032
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.660	0.83	166.220
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.160	0.84	178.904
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.620	0.91	150.813
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.550	0.97	135.468
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	123.070	-0.66	129.519
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	136.150	1.00	136.780
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	10.5	105.360	1.04	105.675

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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 14.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 14.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 1	13.0	100.045	-0.59	100.045
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.636	-0.95	103.883
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.471	-0.75	101.203
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.232	-0.71	100.232
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.480	-0.69	100.779
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 7	13.0	100.390	-0.68	100.390
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.640	-0.66	103.935
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.550	-0.66	100.550
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.833	-0.67	100.858
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.724	-0.67	100.724
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.564	-0.74	107.378
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.902	-0.68	100.902
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.450	-1.35	119.734
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	100.956	-0.67	100.956
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.026	-0.65	101.026
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.010	-0.65	107.120
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.260	-0.65	105.710
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.130	-0.62	101.130
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.675	-0.62	101.696
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.210	-0.58	101.210
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.710	-0.61	108.874
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.370	-0.57	101.370
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.080	-0.54	111.282
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.840	-0.52	108.290
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.480	-0.51	101.480
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.830	-0.47	109.562
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.480	-0.43	101.480
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.900	-0.41	108.547
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.220	-0.38	107.520
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.410	-0.36	101.410
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.780	-0.32	108.906
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 5	16.0	101.240	-0.28	101.240
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.000	-1.43	114.860
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	108.060	-0.28	108.820
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.730	-0.25	111.240
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	13.0	100.970	-0.20	100.970
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.200	-0.18	138.611
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	110.090	-0.16	111.404
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	108.990	-0.13	109.750
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.310	-0.09	106.565
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.300	-0.03	103.675
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.580	0.02	106.835
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	102.960	0.09	103.335
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.150	-1.20	115.082
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	98.840	0.15	98.840
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.320	0.21	100.508
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	153.910	0.19	156.314
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	102.000	0.27	102.127
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.340	0.26	153.210
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.533	0.33	101.955
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	141.960	0.32	143.717
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	19.0	98.630	0.39	98.716
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.420	0.41	168.831
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	116.900	-0.90	122.701
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.030	0.48	163.792
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.350	0.67	162.107
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.490	0.77	157.953
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.550	0.83	166.122
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.040	0.84	178.797
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.520	0.91	150.722
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.470	0.97	135.395
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	122.250	-0.64	128.676
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	136.060	1.00	136.697
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	12.0	105.290	1.04	105.608

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Prices and yields of listed Federal securities as of 15.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 15.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.044	-0.64	100.044
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.600	-0.97	103.877
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.462	-0.77	101.202
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 4	13.0	100.230	-0.72	100.230
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.474	-0.70	100.777
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.385	-0.68	100.385
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.608	-0.67	103.931
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.547	-0.67	100.547
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.830	-0.67	100.857
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.733	-0.68	100.733
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.540	-0.75	107.380
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.906	-0.68	100.906
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 5	16.0	104.400	-1.33	119.748
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	100.970	-0.68	100.970
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.052	-0.67	101.052
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	106.013	-0.67	107.147
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.278	-0.67	105.746
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.166	-0.64	101.166
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.712	-0.64	101.735
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.260	-0.61	101.260
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.740	-0.64	108.925
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.430	-0.59	101.430
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.130	-0.57	111.359
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.910	-0.55	108.378
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.570	-0.54	101.570
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.920	-0.51	109.668
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.600	-0.47	101.600
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	108.030	-0.44	108.692
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.360	-0.42	107.672
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.570	-0.40	101.570
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 3	18.0	107.960	-0.36	109.098
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.440	-0.32	101.440
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 5	16.0	107.120	-1.45	115.041
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 6	18.0	108.260	-0.33	109.033
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 9	18.0	110.940	-0.29	111.466
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	13.0	101.200	-0.24	101.200
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.420	-0.22	138.882
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 3	18.0	110.330	-0.21	111.658
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 6	18.0	109.240	-0.18	110.013
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 9	18.0	106.570	-0.14	106.833
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 3	23.0	103.580	-0.07	103.959
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 9	23.0	106.880	-0.02	107.143
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 3	26.0	103.280	0.05	103.659
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 5	14.5	110.300	-1.22	115.292
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 9	25.0	99.180	0.11	99.180
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 3	26.0	100.690	0.17	100.880
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.340	0.15	156.798
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 9	25.0	102.380	0.22	102.512
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.800	0.22	153.716
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 3	21.0	101.940	0.29	102.366
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.440	0.27	144.236
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 9	19.0	99.040	0.35	99.128
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.980	0.37	169.442
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 5	12.1	117.230	-0.93	123.107
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.580	0.44	164.387
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.950	0.64	162.746
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	155.100	0.74	158.596
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.210	0.81	166.817
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.730	0.81	179.526
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.180	0.89	151.409
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.080	0.95	136.025
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 5	8.0	122.970	-0.66	129.494
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 9	25.5	136.720	0.98	137.378
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 9	12.0	105.890	1.02	106.219

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Prices and yields of listed Federal securities as of 16.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 16.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.040	-0.58	100.040
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.583	-0.84	103.860
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.456	-0.74	101.196
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.230	-0.72	100.230
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.472	-0.69	100.775
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.383	-0.67	100.383
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.596	-0.65	103.919
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.544	-0.66	100.544
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.827	-0.67	100.854
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.735	-0.68	100.735
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.520	-0.73	107.360
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.880	-0.67	100.880
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	104.350	-1.30	119.691
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 5	20.0	100.955	-0.67	100.955
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.043	-0.66	101.043
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.980	-0.65	107.114
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.250	-0.65	105.718
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.146	-0.63	101.146
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 11	19.0	101.690	-0.63	101.713
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.230	-0.59	101.230
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.720	-0.63	108.905
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.410	-0.59	101.410
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.090	-0.56	111.319
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.870	-0.54	108.338
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.540	-0.53	101.540
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.880	-0.49	109.628
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.560	-0.46	101.560
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.980	-0.43	108.642
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.300	-0.41	107.612
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.510	-0.39	101.510
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.890	-0.34	109.028
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.380	-0.31	101.380
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	107.050	-1.44	114.966
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.190	-0.31	108.963
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.860	-0.27	111.386
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	13.0	101.130	-0.23	101.130
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.333	-0.21	138.795
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.220	-0.19	111.548
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.125	-0.16	109.898
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.465	-0.12	106.728
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.470	-0.05	103.849
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.755	0.00	107.018
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.155	0.06	103.534
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	110.250	-1.21	115.239
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.040	0.12	99.040
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.550	0.18	100.740
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.115	0.17	156.573
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.220	0.24	102.352
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.575	0.24	153.491
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	101.765	0.31	102.191
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.205	0.29	144.001
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	19.0	98.855	0.37	98.943
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.705	0.39	169.167
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.150	-0.92	123.023
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.270	0.46	164.077
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.580	0.66	162.376
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.680	0.76	158.176
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.735	0.82	166.342
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.210	0.83	179.006
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.690	0.90	150.919
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.590	0.97	135.535
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	122.650	-0.65	129.157
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	136.190	1.00	136.848
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	105.390	1.04	105.719

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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 19.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 19.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.039	-0.62	100.039
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.575	-0.98	103.873
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.452	-0.76	101.197
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.226	-0.72	100.226
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.470	-0.70	100.775
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.380	-0.67	100.380
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.583	-0.66	103.925
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.540	-0.66	100.540
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.820	-0.67	100.848
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.712	-0.67	100.712
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.495	-0.73	107.353
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.870	-0.66	100.870
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	104.320	-1.29	119.704
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.935	-0.66	100.935
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.030	-0.66	101.030
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.955	-0.65	107.106
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.220	-0.65	105.701
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.125	-0.62	101.125
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.665	-0.62	101.690
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.210	-0.58	101.210
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.680	-0.62	108.879
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.380	-0.57	101.380
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.040	-0.55	111.287
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.830	-0.53	108.311
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.500	-0.52	101.500
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.830	-0.48	109.589
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.520	-0.45	101.520
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.920	-0.42	108.591
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.240	-0.39	107.561
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.460	-0.37	101.460
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.830	-0.33	108.977
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.320	-0.30	101.320
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.960	-1.42	114.906
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.130	-0.30	108.911
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.790	-0.26	111.327
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	13.0	101.060	-0.22	101.060
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.230	-0.20	138.727
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.140	-0.18	111.478
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.040	-0.14	109.821
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.380	-0.11	106.648
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.380	-0.04	103.762
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.650	0.01	106.918
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.050	0.08	103.432
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	110.130	-1.20	115.149
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	98.930	0.14	98.930
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.430	0.20	100.621
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	153.940	0.18	156.433
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.100	0.26	102.234
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.400	0.25	153.347
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	101.630	0.32	102.059
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.040	0.31	143.862
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	19.0	98.730	0.38	98.820
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.480	0.40	168.977
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.940	-0.90	122.843
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.040	0.48	163.877
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.310	0.67	162.132
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.380	0.77	157.898
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.410	0.84	166.040
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	176.840	0.85	178.662
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.330	0.92	150.577
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.250	0.98	135.209
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	122.100	-0.64	128.618
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	135.820	1.01	138.491
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	105.070	1.05	105.406

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Prices and yields of listed Federal securities as of 20.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 20.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.032	-0.53	100.032
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.561	-0.97	103.869
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.447	-0.76	101.195
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.224	-0.72	100.224
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.466	-0.70	100.773
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.380	-0.68	100.380
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.573	-0.67	103.925
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.540	-0.66	100.540
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.820	-0.67	100.849
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.706	-0.66	100.706
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.500	-0.74	107.367
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.882	-0.67	100.882
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	104.280	-1.27	119.682
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.951	-0.67	100.951
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.052	-0.67	101.052
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.965	-0.66	107.124
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.240	-0.66	105.727
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.152	-0.63	101.152
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.698	-0.64	101.723
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.242	-0.60	101.242
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.700	-0.63	108.905
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.420	-0.59	101.420
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.080	-0.57	111.335
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.870	-0.55	108.357
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.550	-0.53	101.550
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.880	-0.50	109.644
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.580	-0.46	101.580
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.980	-0.44	108.656
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.300	-0.41	107.625
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.520	-0.39	101.520
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.900	-0.35	109.051
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.390	-0.31	101.390
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.950	-1.42	114.912
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.200	-0.32	108.985
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.860	-0.28	111.402
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	13.0	101.150	-0.23	101.150
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.310	-0.22	138.824
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.270	-0.20	111.612
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.180	-0.17	109.965
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.530	-0.13	106.801
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.550	-0.07	103.934
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.850	-0.02	107.121
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.240	0.05	103.624
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	110.260	-1.22	115.303
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.140	0.11	99.140
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.660	0.17	100.852
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.250	0.15	156.761
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.360	0.23	102.496
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.720	0.22	153.682
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	101.905	0.29	102.335
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.350	0.28	144.185
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	19.0	98.980	0.36	99.070
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.870	0.37	169.384
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	117.230	-0.93	123.167
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.460	0.45	164.312
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.850	0.64	162.685
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.990	0.74	158.519
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.110	0.81	166.752
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.630	0.82	179.465
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.120	0.89	151.375
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.020	0.95	135.986
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	122.740	-0.66	129.310
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	136.650	0.98	137.328
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	105.815	1.02	106.154

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Prices and yields of listed Federal securities as of 21.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 21.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.036	-0.63	100.036
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.547	-0.97	103.865
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.445	-0.78	101.196
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.222	-0.72	100.222
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.462	-0.70	100.770
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.376	-0.67	100.376
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.563	-0.67	103.925
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.542	-0.67	100.542
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.821	-0.67	100.850
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.700	-0.66	100.700
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.480	-0.74	107.356
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.868	-0.66	100.868
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	104.130	-1.17	119.534
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.937	-0.67	100.937
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.030	-0.66	101.030
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.931	-0.65	107.098
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.202	-0.64	105.695
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.118	-0.62	101.118
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.660	-0.62	101.686
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.209	-0.58	101.209
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.650	-0.61	108.862
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.360	-0.57	101.360
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.030	-0.55	111.294
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.820	-0.53	108.313
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.500	-0.52	101.500
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.820	-0.49	109.590
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.520	-0.45	101.520
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.920	-0.42	108.601
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.240	-0.40	107.569
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.470	-0.38	101.470
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.830	-0.33	108.985
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.320	-0.30	101.320
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.640	-1.36	114.597
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.120	-0.30	108.909
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.790	-0.27	111.338
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.080	-0.22	101.080
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.210	-0.20	138.741
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.200	-0.19	111.547
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.110	-0.16	109.899
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.463	-0.12	106.737
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.480	-0.06	103.865
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.763	-0.01	107.037
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.164	0.06	103.549
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.880	-1.17	114.923
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.055	0.12	99.055
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.575	0.18	100.767
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.120	0.16	156.649
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.265	0.24	102.402
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.590	0.23	153.568
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	101.803	0.30	102.235
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.205	0.29	144.053
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	19.0	98.905	0.36	98.996
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.730	0.38	169.261
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.740	-0.89	122.673
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.320	0.46	164.187
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.705	0.65	162.553
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.875	0.75	158.415
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	164.780	0.82	166.433
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.205	0.83	179.053
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	149.760	0.90	151.024
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.600	0.97	135.573
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	121.940	-0.63	128.488
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	136.210	1.00	136.895
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	105.430	1.04	105.772

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Prices and yields of listed Federal securities as of 22.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 22.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.032	-0.65	100.032
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.508	-0.97	103.857
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 3	16.0	100.433	-0.79	101.192
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.222	-0.74	100.222
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.455	-0.71	100.767
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.373	-0.68	100.373
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.529	-0.67	103.919
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.535	-0.67	100.535
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.810	-0.67	100.842
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.698	-0.66	100.698
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.445	-0.73	107.348
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.864	-0.66	100.864
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	104.000	-1.10	119.458
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.936	-0.67	100.936
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.034	-0.66	101.034
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.906	-0.65	107.098
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.188	-0.65	105.700
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.125	-0.62	101.125
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.667	-0.63	101.695
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.212	-0.59	101.212
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.620	-0.61	108.853
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.370	-0.57	101.370
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.000	-0.55	111.291
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.800	-0.53	108.312
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.500	-0.52	101.500
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.810	-0.49	109.596
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.530	-0.45	101.530
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.910	-0.42	108.605
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.240	-0.40	107.581
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.490	-0.38	101.490
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.840	-0.34	109.007
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.350	-0.31	101.350
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.520	-1.33	114.521
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.140	-0.31	108.941
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.800	-0.27	111.364
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.120	-0.23	101.120
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.190	-0.21	138.772
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.255	-0.20	111.617
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.155	-0.17	109.956
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.513	-0.13	106.795
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.530	-0.07	103.919
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.823	-0.02	107.105
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.235	0.05	103.624
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.640	-1.14	114.725
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.140	0.11	99.140
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.660	0.17	100.855
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.170	0.16	156.752
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.350	0.23	102.491
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.660	0.22	153.684
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	101.895	0.29	102.331
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.300	0.28	144.187
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	19.0	98.995	0.36	99.088
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.820	0.37	169.402
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.360	-0.86	122.335
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.420	0.45	164.332
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.820	0.64	162.707
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.995	0.74	158.568
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.080	0.81	166.768
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.550	0.82	179.437
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.100	0.89	151.391
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.015	0.95	136.008
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	120.990	-0.60	127.546
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	136.650	0.98	137.355
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	105.820	1.02	106.173

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Prices and yields of listed Federal securities as of 23.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 23.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.030	-0.61	100.030
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.494	-0.84	103.843
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.427	-0.76	101.186
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.219	-0.73	100.219
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.450	-0.69	100.762
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.369	-0.67	100.369
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.520	-0.66	103.910
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.534	-0.67	100.534
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.816	-0.68	100.848
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.702	-0.67	100.702
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.435	-0.73	107.338
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.857	-0.66	100.857
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.900	-1.03	119.344
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.936	-0.67	100.936
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.032	-0.66	101.032
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.896	-0.65	107.088
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.180	-0.65	105.692
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.123	-0.62	101.123
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.663	-0.62	101.691
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.210	-0.59	101.210
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.620	-0.61	108.853
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.380	-0.58	101.380
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	110.000	-0.55	111.291
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.810	-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	107.820	-0.49	109.606
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.550	-0.46	101.550
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.930	-0.43	108.625
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.260	-0.41	107.601
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.520	-0.39	101.520
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.870	-0.35	109.037
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.390	-0.31	101.390
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.350	-1.30	114.338
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.170	-0.31	108.971
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.840	-0.28	111.404
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.170	-0.24	101.170
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.235	-0.22	138.817
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.250	-0.20	111.612
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.155	-0.17	109.956
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	0 #N/A N/A		0.282
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.540	-0.07	103.929
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.820	-0.01	107.102
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.230	0.05	103.619
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.350	-1.11	114.422
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.135	0.11	99.135
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.660	0.17	100.855
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.165	0.16	156.747
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.355	0.23	102.496
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.655	0.22	153.679
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	101.900	0.29	102.336
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.300	0.28	144.187
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	19.0	99.010	0.35	99.103
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.820	0.37	169.402
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.110	-0.84	122.073
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.420	0.45	164.332
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.825	0.64	162.712
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	154.980	0.74	158.553
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.020	0.81	166.708
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.490	0.82	179.377
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.050	0.89	151.341
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	134.950	0.95	135.943
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	120.850	-0.60	127.399
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	136.600	0.98	137.305
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	105.760	1.02	106.113

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Prices and yields of listed Federal securities as of 26.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 26.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.028	-0.64	100.028
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.484	-0.99	103.854
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.427	-0.80	101.191
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.216	-0.74	100.216
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.448	-0.71	100.763
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.366	-0.67	100.366
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.507	-0.67	103.917
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.528	-0.66	100.528
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.805	-0.67	100.838
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.697	-0.66	100.697
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.416	-0.73	107.337
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.846	-0.65	100.846
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.700	-0.90	119.163
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.922	-0.66	100.922
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.020	-0.66	101.020
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.874	-0.65	107.082
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.154	-0.64	105.678
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.104	-0.61	101.104
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.643	-0.62	101.672
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.187	-0.58	101.187
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.590	-0.61	108.837
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.360	-0.57	101.360
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	109.970	-0.55	111.279
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.780	-0.53	108.304
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.490	-0.52	101.490
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.790	-0.49	109.587
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.530	-0.45	101.530
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.910	-0.43	108.615
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.230	-0.40	107.579
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.490	-0.38	101.490
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.840	-0.34	109.015
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.360	-0.31	101.360
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.250	-1.28	114.265
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.140	-0.31	108.950
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.810	-0.28	111.385
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.130	-0.23	101.130
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.180	-0.21	138.796
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.200	-0.19	111.571
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.100	-0.16	109.910
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.460	-0.13	106.748
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.490	-0.06	103.882
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.770	-0.01	107.058
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.180	0.06	103.572
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.050	-1.07	114.143
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.090	0.12	99.090
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.600	0.18	100.796
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.070	0.16	156.688
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.290	0.23	102.434
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.570	0.23	153.625
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	101.830	0.30	102.268
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.210	0.29	144.123
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	19.0	98.940	0.36	99.035
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.730	0.38	169.346
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	115.800	-0.82	121.786
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.340	0.45	164.282
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.800	0.64	162.713
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	155.000	0.74	158.595
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.150	0.80	166.862
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.690	0.81	179.603
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.320	0.88	151.629
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.300	0.94	136.307
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	120.250	-0.58	126.805
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	136.960	0.97	137.679
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	106.120	1.01	106.480

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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 27.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 27.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.026	-0.63	100.026
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.470	-0.98	103.850
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.422	-0.80	101.189
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.216	-0.74	100.216
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.444	-0.70	100.760
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.365	-0.67	100.365
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.495	-0.67	103.914
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.526	-0.66	100.526
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.802	-0.67	100.836
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.696	-0.67	100.696
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.407	-0.73	107.336
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.844	-0.65	100.844
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.750	-0.94	119.243
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.923	-0.66	100.923
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.023	-0.66	101.023
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.866	-0.65	107.082
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.150	-0.64	105.680
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.107	-0.62	101.107
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.646	-0.62	101.676
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.191	-0.58	101.191
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.600	-0.61	108.853
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.370	-0.58	101.370
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	109.960	-0.55	111.278
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.770	-0.53	108.300
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.500	-0.52	101.500
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.800	-0.49	109.603
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.550	-0.46	101.550
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.920	-0.43	108.630
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.250	-0.41	107.603
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.510	-0.39	101.510
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.870	-0.35	109.049
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.390	-0.32	101.390
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.350	-1.30	114.390
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.170	-0.32	108.984
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.830	-0.28	111.411
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.160	-0.24	101.160
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.210	-0.22	138.844
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.250	-0.20	111.626
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.160	-0.17	109.974
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.520	-0.14	106.810
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.560	-0.07	103.953
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.840	-0.02	107.130
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.260	0.05	103.653
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.400	-1.12	114.527
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.170	0.11	99.170
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.700	0.16	100.897
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.190	0.15	156.826
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.400	0.22	102.545
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.690	0.22	153.760
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	101.950	0.29	102.390
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.330	0.27	144.256
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	19.0	99.050	0.35	99.145
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	163.850	0.37	169.484
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.200	-0.85	122.226
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.470	0.44	164.428
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	160.870	0.64	162.796
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	155.030	0.74	158.635
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.190	0.80	166.913
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	177.710	0.81	179.636
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.340	0.88	151.658
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.270	0.94	136.284
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	121.000	-0.60	127.616
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	136.920	0.97	137.646
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	106.090	1.01	106.453

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Prices and yields of listed Federal securities as of 28.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 28.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.025	-0.65	100.025
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.455	-0.96	103.845
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.420	-0.82	101.190
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.214	-0.74	100.214
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.442	-0.71	100.760
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.367	-0.68	100.367
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.488	-0.68	103.917
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.525	-0.66	100.525
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.800	-0.67	100.834
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.696	-0.67	100.696
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.404	-0.74	107.342
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.851	-0.66	100.851
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.760	-0.96	119.278
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.930	-0.67	100.930
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.024	-0.66	101.024
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.874	-0.66	107.099
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.163	-0.65	105.699
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.128	-0.63	101.128
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.679	-0.64	101.710
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.211	-0.59	101.211
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.610	-0.62	108.870
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.390	-0.58	101.390
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	109.980	-0.56	111.307
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.780	-0.54	108.316
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.510	-0.52	101.510
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.820	-0.50	109.628
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.580	-0.47	101.580
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.950	-0.44	108.664
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.280	-0.42	107.638
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.550	-0.40	101.550
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.890	-0.36	109.074
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.430	-0.32	101.430
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.360	-1.30	114.419
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.210	-0.33	109.028
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.880	-0.29	111.466
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.200	-0.24	101.200
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.250	-0.23	138.901
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.360	-0.22	111.741
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.260	-0.19	110.078
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.630	-0.16	106.923
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.690	-0.09	104.085
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	106.980	-0.04	107.273
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.400	0.03	103.795
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.350	-1.11	114.492
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.310	0.09	99.310
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.840	0.15	101.037
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.360	0.13	157.013
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.550	0.20	102.697
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.870	0.20	153.956
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.100	0.27	102.541
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.510	0.26	144.449
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.210	0.33	99.306
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	164.080	0.35	169.731
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.210	-0.85	122.257
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.690	0.43	164.663
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	161.150	0.62	163.089
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	155.340	0.73	158.956
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.490	0.79	167.225
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	178.040	0.80	179.979
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.640	0.87	151.967
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.540	0.93	136.561
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	120.950	-0.60	127.581
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	137.230	0.96	137.963
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	106.380	1.00	106.746

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Prices and yields of listed Federal securities as of 29.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 29.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.020	-0.66	100.020
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.418	-0.98	103.839
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.400	-0.79	101.178
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.208	-0.74	100.208
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.434	-0.71	100.756
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.363	-0.68	100.363
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.459	-0.69	103.917
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.520	-0.66	100.520
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.792	-0.67	100.828
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.691	-0.67	100.691
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.376	-0.74	107.341
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.849	-0.66	100.849
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.650	-0.90	119.206
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.931	-0.67	100.931
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.025	-0.67	101.025
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.855	-0.66	107.104
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.146	-0.66	105.701
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.129	-0.63	101.129
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.670	-0.64	101.703
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.220	-0.60	101.220
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.590	-0.63	108.871
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.400	-0.59	101.400
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	109.970	-0.57	111.323
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.780	-0.55	108.335
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	107.810	-0.50	109.635
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.600	-0.47	101.600
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	107.970	-0.45	108.699
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.300	-0.43	107.670
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.580	-0.41	101.580
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.920	-0.37	109.116
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	106.050	-1.24	114.121
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.250	-0.34	109.080
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.910	-0.30	111.513
DE000 114178 6	0.000 BO S 178	13.10.2023	4 / 10	16.0	101.250	-0.26	101.250
DE000 113492 2	6.250 Bund 94	04.01.2024	5 / 1	10.3	133.270	-0.24	138.972
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.370	-0.23	111.765
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.270	-0.19	110.100
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.650	-0.16	106.951
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.720	-0.10	104.119
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.010	-0.04	107.311
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.450	0.02	103.849
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.100	-1.08	114.266
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.360	0.08	99.360
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.890	0.14	101.089
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.360	0.13	157.067
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.580	0.20	102.731
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	148.870	0.19	154.002
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.150	0.26	102.595
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.530	0.25	144.508
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.280	0.33	99.378
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	164.110	0.35	169.812
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	115.800	-0.82	121.868
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.750	0.42	164.768
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	161.250	0.62	163.228
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	155.440	0.72	159.089
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.605	0.79	167.375
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	178.170	0.79	180.148
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	150.820	0.86	152.173
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.720	0.93	136.761
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	120.250	-0.58	126.884
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	137.420	0.96	138.173
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	106.600	0.99	106.977

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Prices and yields of listed Federal securities as of 30.11.18

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 30.11.18	Yield	"Dirty price"
DE000 110466 9	0.000 BSA 16 IV	14.12.2018	0 / 0	13.0	100.018	-0.60	100.018
DE000 113537 4	3.750 Bund 08	04.01.2019	0 / 1	24.0	100.402	-0.80	103.823
DE000 114168 7	1.000 BO S 168	22.02.2019	0 / 2	16.0	100.395	-0.77	101.173
DE000 110467 7	0.000 BSA 17	15.03.2019	0 / 3	13.0	100.206	-0.74	100.206
DE000 114169 5	0.500 BO S 169	12.04.2019	0 / 4	16.0	100.430	-0.70	100.752
DE000 110468 5	0.000 BSA 17 II	14.06.2019	0 / 6	13.0	100.359	-0.68	100.359
DE000 113538 2	3.500 Bund 09	04.07.2019	0 / 7	24.0	102.443	-0.66	103.901
DE000 110469 3	0.000 BSA 17 III	13.09.2019	0 / 9	13.0	100.518	-0.66	100.518
DE000 114170 3	0.250 BO S 170	11.10.2019	0 / 10	16.0	100.790	-0.67	100.826
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	1 / 0	13.0	100.690	-0.67	100.690
DE000 113539 0	3.250 Bund 09	04.01.2020	1 / 1	22.0	104.360	-0.73	107.325
DE000 110471 9	0.000 BSA 18	13.03.2020	1 / 3	13.0	100.848	-0.66	100.848
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	1 / 4	16.0	103.700	-0.93	119.263
DE000 114171 1	0.000 BO S 171	17.04.2020	1 / 4	20.0	100.930	-0.67	100.930
DE000 110472 7	0.000 BSA 18 II	12.06.2020	1 / 6	12.0	101.027	-0.67	101.027
DE000 113540 8	3.000 Bund 10	04.07.2020	1 / 7	22.0	105.850	-0.66	107.099
DE000 113541 6	2.250 Bund 10	04.09.2020	1 / 9	16.0	105.152	-0.66	105.707
DE000 110473 5	0.000 BSA 18 III	11.09.2020	1 / 9	12.0	101.140	-0.64	101.140
DE000 114172 9	0.250 BO S 172	16.10.2020	1 / 10	19.0	101.678	-0.64	101.711
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	2 / 0	4.0	101.234	-0.60	101.234
DE000 113542 4	2.500 Bund 10	04.01.2021	2 / 1	19.0	106.600	-0.63	108.881
DE000 114173 7	0.000 BO S 173	09.04.2021	2 / 4	21.0	101.420	-0.60	101.420
DE000 113544 0	3.250 Bund 11	04.07.2021	2 / 7	19.0	109.980	-0.57	111.333
DE000 113545 7	2.250 Bund 11	04.09.2021	2 / 9	16.0	107.800	-0.55	108.355
DE000 114174 5	0.000 BO S 174	08.10.2021	2 / 10	19.0	101.560	-0.54	101.560
DE000 113546 5	2.000 Bund 11	04.01.2022	3 / 1	20.0	107.850	-0.52	109.675
DE000 114175 2	0.000 BO S 175	08.04.2022	3 / 4	18.0	101.650	-0.49	101.650
DE000 113547 3	1.750 Bund 12	04.07.2022	3 / 7	24.0	108.000	-0.46	108.729
DE000 113549 9	1.500 Bund 12	04.09.2022	3 / 9	18.0	107.350	-0.44	107.720
DE000 114176 0	0.000 BO S 176	07.10.2022	3 / 10	17.0	101.620	-0.42	101.620
DE000 110230 9	1.500 Bund 13	15.02.2023	4 / 2	18.0	107.970	-0.38	109.166
DE000 114177 8	0.000 BO S 177	14.04.2023	4 / 4	16.0	101.540	-0.35	101.540
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	4 / 4	16.0	106.400	-1.32	114.497
DE000 110231 7	1.500 Bund 13 II	15.05.2023	4 / 5	18.0	108.300	-0.35	109.130
DE000 110232 5	2.000 Bund 13	15.08.2023	4 / 8	18.0	110.980	-0.32	111.583
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 / 1	10.3	133.350	-0.25	139.052
DE000 110233 3	1.750 Bund 14	15.02.2024	5 / 2	18.0	110.444	-0.24	111.839
DE000 110235 8	1.500 Bund 14	15.05.2024	5 / 5	18.0	109.360	-0.21	110.190
DE000 110236 6	1.000 Bund 14	15.08.2024	5 / 8	18.0	106.750	-0.18	107.051
DE000 110237 4	0.500 Bund 15	15.02.2025	6 / 2	23.0	103.810	-0.11	104.209
DE000 110238 2	1.000 Bund 15	15.08.2025	6 / 8	23.0	107.110	-0.06	107.411
DE000 110239 0	0.500 Bund 16	15.02.2026	7 / 2	26.0	103.550	0.01	103.949
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	7 / 4	14.5	109.550	-1.14	114.737
DE000 110240 8	0.000 Bund 16	15.08.2026	7 / 8	25.0	99.470	0.07	99.470
DE000 110241 6	0.250 Bund 17	15.02.2027	8 / 2	26.0	100.990	0.13	101.189
DE000 113504 4	6.500 Bund 97	04.07.2027	8 / 7	11.3	154.490	0.12	157.197
DE000 110242 4	0.500 Bund 17	15.08.2027	8 / 8	25.0	102.700	0.19	102.851
DE000 113506 9	5.625 Bund 98	04.01.2028	9 / 1	14.5	149.000	0.18	154.132
DE000 110244 0	0.500 Bund 18	15.02.2028	9 / 2	21.0	102.260	0.25	102.705
DE000 113508 5	4.750 Bund 98 II	04.07.2028	9 / 7	11.3	142.670	0.24	144.648
DE000 110245 7	0.250 Bund 18	15.08.2028	9 / 8	21.0	99.390	0.31	99.488
DE000 113514 3	6.250 Bund 00	04.01.2030	11 / 1	9.3	164.240	0.34	169.942
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	11 / 4	12.1	116.400	-0.87	122.498
DE000 113517 6	5.500 Bund 00	04.01.2031	12 / 1	17.0	159.870	0.41	164.888
DE000 113522 6	4.750 Bund 03	04.07.2034	15 / 7	20.0	161.390	0.61	163.368
DE000 113527 5	4.000 Bund 05	04.01.2037	18 / 1	23.0	155.540	0.72	159.189
DE000 113532 5	4.250 Bund 07	04.07.2039	20 / 7	14.0	165.770	0.78	167.540
DE000 113536 6	4.750 Bund 08	04.07.2040	21 / 7	16.0	178.370	0.79	180.348
DE000 113543 2	3.250 Bund 10	04.07.2042	23 / 7	15.0	151.000	0.85	152.353
DE000 113548 1	2.500 Bund 12	04.07.2044	25 / 7	26.5	135.920	0.92	136.961
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	27 / 4	8.0	121.500	-0.62	128.202
DE000 110234 1	2.500 Bund 14	15.08.2046	27 / 8	25.5	137.650	0.95	138.403
DE000 110243 2	1.250 Bund 17	15.08.2048	29 / 8	12.0	106.790	0.99	107.167

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