



**Prices and yields  
of listed Federal securities  
November 2019**

**Prices and yields of listed Federal securities as of 01.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 01.11.19	Yield	"Dirty price"
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 1	13.00	100.063	-0.59	100.063
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 2	22.00	100.658	-0.66	103.365
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 4	13.00	100.230	-0.65	100.230
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 5	16.00	100.280	1.11	116.037
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 5	20.00	100.286	-0.63	100.286
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 7	12.00	100.387	-0.64	100.387
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 8	22.00	102.430	-0.64	103.438
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 10	16.00	102.430	-0.65	102.805
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 10	12.00	100.550	-0.64	100.550
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 11	19.00	100.847	-0.64	100.860
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 1	12.00	100.730	-0.66	100.730
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 2	19.00	103.815	-0.74	105.897
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 4	13.00	100.895	-0.66	100.895
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 5	21.00	100.962	-0.67	100.962
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 7	14.00	101.072	-0.66	101.072
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 8	19.00	106.560	-0.66	107.652
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 10	16.00	105.395	-0.66	105.770
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 10	13.00	101.230	-0.66	101.230
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 11	19.00	101.310	-0.67	101.310
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 2	20.00	105.930	-0.71	107.596
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 5	18.00	101.660	-0.68	101.660
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 8	24.00	106.600	-0.70	107.188
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 10	18.00	106.320	-0.70	106.570
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 11	17.00	102.050	-0.69	102.050
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 3	18.00	107.290	-0.69	108.367
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 5	16.00	102.420	-0.69	102.420
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 5	16.50	104.550	-1.19	113.307
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 6	18.00	107.830	-0.69	108.539
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 9	18.00	110.290	-0.68	110.733
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 11	16.00	102.730	-0.68	102.730
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 2	10.25	129.300	-0.66	134.505
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 3	18.00	110.470	-0.65	111.726
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 5	21.00	102.920	-0.65	102.920
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 6	18.00	109.930	-0.65	110.639
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 9	18.00	108.010	-0.64	108.231
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 11	17.00	103.170	-0.63	103.170
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 3	23.00	106.060	-0.62	106.419
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 9	23.00	109.480	-0.61	109.701
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 3	26.00	107.030	-0.59	107.389
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 5	16.20	109.620	-1.32	115.625
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 9	25.00	104.000	-0.58	104.000
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 3	26.00	106.030	-0.56	106.209
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 8	11.25	155.120	-0.53	157.304
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 9	25.00	108.280	-0.54	108.391
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 2	14.50	151.310	-0.51	155.995
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 3	21.00	108.560	-0.51	108.919
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 8	11.25	146.400	-0.48	147.996
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 9	21.00	106.500	-0.47	106.555
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 3	22.00	106.540	-0.44	106.743
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 9	16.00	104.040	-0.40	104.040
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 2	9.25	169.560	-0.43	174.765
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 5	14.55	120.250	-1.30	127.403
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 2	17.00	167.350	-0.39	171.931
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 8	20.00	175.130	-0.27	176.726
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 2	23.00	172.920	-0.18	176.252
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 8	14.00	186.930	-0.12	188.358
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 8	16.00	201.310	-0.10	202.906
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 8	15.00	175.080	-0.05	176.172
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 8	27.50	161.280	0.01	162.120
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 5	8.85	138.000	-1.13	146.640
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 9	28.00	165.050	0.05	165.603
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 9	17.50	133.080	0.09	133.357
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 9	3.50	96.570	0.11	96.570

- 1) The six-digit part of the ISIN in bold print is the same as the current German security identification number
- 2) BSA: Federal Treasury note (Schatz), BO: Five-year Federal note (Bobl), Bund: Federal bond (Bund)
- 3) Bundesbank reference price on the Frankfurt Stock Exchange
- 4) Only for inflation-linked bonds: yield in real terms reported without adjustment for inflation;  
the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

**Prices and yields of listed Federal securities as of 04.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 04.11.19	Yield	"Dirty price"
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 1	13.00	100.061	-0.60	100.061
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 2	22.00	100.647	-0.73	103.372
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 4	13.00	100.223	-0.64	100.223
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 5	16.00	100.290	1.08	116.077
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 5	20.00	100.282	-0.63	100.282
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 7	12.00	100.382	-0.64	100.382
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 8	22.00	102.424	-0.66	103.449
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 10	16.00	102.429	-0.67	102.816
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 10	12.00	100.544	-0.64	100.544
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 11	19.00	100.837	-0.63	100.851
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 1	12.00	100.730	-0.66	100.730
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 2	19.00	103.805	-0.75	105.901
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 4	13.00	100.895	-0.66	100.895
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 5	21.00	100.960	-0.67	100.960
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 7	14.00	101.068	-0.66	101.068
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 8	19.00	106.553	-0.66	107.663
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 10	16.00	105.392	-0.67	105.779
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 10	13.00	101.232	-0.66	101.232
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 11	19.00	101.313	-0.68	101.313
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 2	20.00	105.920	-0.71	107.597
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 5	18.00	101.670	-0.68	101.670
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 8	24.00	106.580	-0.69	107.178
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 10	18.00	106.300	-0.70	106.558
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 11	17.00	102.040	-0.69	102.040
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 3	18.00	107.270	-0.69	108.355
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 5	16.00	102.390	-0.68	102.390
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 5	16.50	104.670	-1.22	113.454
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 6	18.00	107.790	-0.68	108.507
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 9	18.00	110.240	-0.67	110.694
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 11	16.00	102.680	-0.67	102.680
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 2	10.25	129.230	-0.65	134.470
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 3	18.00	110.420	-0.64	111.686
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 5	21.00	102.860	-0.64	102.860
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 6	18.00	109.860	-0.64	110.577
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 9	18.00	107.940	-0.63	108.167
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 11	17.00	103.090	-0.61	103.090
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 3	23.00	105.970	-0.61	106.332
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 9	23.00	109.370	-0.59	109.597
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 3	26.00	106.880	-0.57	107.242
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 5	16.20	109.650	-1.33	115.675
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 9	25.00	103.830	-0.55	103.830
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 3	26.00	105.810	-0.53	105.991
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 8	11.25	154.770	-0.50	156.990
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 9	25.00	108.000	-0.51	108.113
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 2	14.50	150.930	-0.48	155.646
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 3	21.00	108.240	-0.47	108.602
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 8	11.25	146.010	-0.45	147.632
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 9	21.00	106.170	-0.44	106.227
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 3	22.00	106.190	-0.40	106.395
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 9	16.00	103.680	-0.37	103.680
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 2	9.25	169.015	-0.39	174.255
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 5	14.55	120.000	-1.28	127.161
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 2	17.00	166.740	-0.35	171.351
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 8	20.00	174.270	-0.23	175.892
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 2	23.00	171.780	-0.13	175.133
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 8	14.00	185.480	-0.07	186.932
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 8	16.00	199.670	-0.05	201.292
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 8	15.00	173.370	0.01	174.480
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 8	27.50	159.420	0.07	160.274
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 5	8.85	136.700	-1.09	145.280
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 9	28.00	163.000	0.11	163.567
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 9	17.50	131.180	0.14	131.463
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 9	3.50	94.860	0.17	94.860

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**Prices and yields of listed Federal securities as of 05.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 05.11.19	Yield	"Dirty price"
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 1	13.00	100.053	-0.54	100.053
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 1	22.00	100.634	-0.72	103.368
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 4	13.00	100.216	-0.62	100.216
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 5	16.00	100.300	1.05	116.102
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 5	20.00	100.274	-0.62	100.274
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 7	12.00	100.370	-0.62	100.370
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 7	22.00	102.406	-0.65	103.439
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 9	16.00	102.403	-0.64	102.796
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 10	12.00	100.522	-0.62	100.522
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 11	19.00	100.820	-0.62	100.835
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 1	12.00	100.714	-0.65	100.714
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 1	19.00	103.780	-0.73	105.883
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 4	13.00	100.880	-0.65	100.880
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 5	21.00	100.943	-0.66	100.943
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 7	14.00	101.048	-0.65	101.048
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 7	19.00	106.522	-0.65	107.641
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 9	16.00	105.359	-0.66	105.752
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 10	13.00	101.205	-0.65	101.205
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 11	19.00	101.283	-0.66	101.283
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 1	20.00	105.880	-0.69	107.562
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 5	18.00	101.610	-0.66	101.610
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 7	24.00	106.520	-0.67	107.122
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 9	18.00	106.230	-0.68	106.492
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 11	17.00	101.980	-0.67	101.980
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 3	18.00	107.190	-0.66	108.279
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 5	16.00	102.310	-0.66	102.310
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 5	16.50	104.720	-1.24	113.517
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 6	18.00	107.700	-0.66	108.421
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 9	18.00	110.130	-0.65	110.589
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 11	16.00	102.580	-0.65	102.580
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 1	10.25	129.090	-0.63	134.347
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 3	18.00	110.290	-0.62	111.561
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 5	21.00	102.730	-0.61	102.730
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 6	18.00	109.720	-0.61	110.441
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 9	18.00	107.790	-0.60	108.020
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 11	17.00	102.940	-0.58	102.940
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 3	23.00	105.801	-0.58	106.164
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 9	23.00	109.170	-0.56	109.400
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 3	26.00	106.640	-0.54	107.003
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 5	16.20	109.660	-1.33	115.695
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 9	25.00	103.570	-0.52	103.570
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 3	26.00	105.510	-0.49	105.692
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 7	11.25	154.340	-0.46	156.578
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 9	25.00	107.670	-0.47	107.785
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 1	14.50	150.460	-0.44	155.191
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 3	21.00	107.860	-0.43	108.223
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 7	11.25	145.500	-0.40	147.135
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 9	21.00	105.750	-0.39	105.807
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 3	22.00	105.740	-0.36	105.945
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 9	16.00	103.210	-0.32	103.210
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 1	9.25	168.360	-0.35	173.617
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 5	15.05	119.950	-1.27	127.118
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 1	17.00	166.020	-0.31	170.646
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 7	20.00	173.240	-0.18	174.875
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 1	23.00	170.570	-0.08	173.934
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 7	14.00	184.010	-0.02	185.473
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 7	16.00	198.050	0.00	199.685
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 7	15.00	171.760	0.06	172.879
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 7	27.50	157.670	0.12	158.531
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 5	8.85	136.250	-1.08	144.813
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 9	28.00	161.100	0.16	161.674
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 9	17.50	129.390	0.20	129.677
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 9	3.50	93.260	0.23	93.260

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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 06.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 06.11.19	Yield	"Dirty price"
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 1	13.00	100.055	-0.57	100.055
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 1	22.00	100.620	-0.70	103.362
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 4	13.00	100.212	-0.61	100.212
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 5	16.00	100.270	1.12	116.081
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 5	20.00	100.268	-0.61	100.268
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 7	12.00	100.360	-0.61	100.360
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 7	22.00	102.382	-0.63	103.423
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 9	16.00	102.382	-0.63	102.782
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 10	12.00	100.514	-0.61	100.514
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 11	19.00	100.807	-0.61	100.823
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 1	12.00	100.700	-0.64	100.700
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 1	19.00	103.757	-0.72	105.867
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 4	13.00	100.867	-0.64	100.867
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 5	21.00	100.930	-0.65	100.930
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 7	14.00	101.035	-0.65	101.035
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 7	19.00	106.500	-0.65	107.628
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 9	16.00	105.340	-0.65	105.740
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 10	13.00	101.190	-0.64	101.190
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 11	19.00	101.265	-0.65	101.265
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 1	20.00	105.850	-0.68	107.538
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 5	18.00	101.600	-0.66	101.600
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 7	24.00	106.500	-0.67	107.107
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 9	18.00	106.210	-0.67	106.476
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 11	17.00	101.960	-0.66	101.960
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 3	18.00	107.150	-0.65	108.243
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 5	16.00	102.280	-0.65	102.280
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 5	16.50	104.710	-1.23	113.515
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 6	18.00	107.660	-0.65	108.385
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 9	18.00	110.080	-0.63	110.544
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 11	16.00	102.540	-0.64	102.540
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 1	10.25	129.000	-0.62	134.274
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 3	18.00	110.230	-0.61	111.505
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 4	21.00	102.680	-0.60	102.680
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 6	18.00	109.660	-0.60	110.385
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 9	18.00	107.720	-0.59	107.952
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 11	17.00	102.880	-0.57	102.880
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 3	23.00	105.731	-0.57	106.095
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 9	23.00	109.100	-0.55	109.332
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 3	26.00	106.570	-0.53	106.934
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 5	16.20	109.630	-1.32	115.671
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 9	25.00	103.490	-0.51	103.490
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 3	26.00	105.430	-0.48	105.612
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 7	11.25	154.220	-0.45	156.475
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 9	25.00	107.570	-0.46	107.686
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 1	14.50	150.330	-0.43	155.077
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 3	21.00	107.760	-0.42	108.124
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 7	11.25	145.360	-0.39	147.008
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 9	21.00	105.650	-0.38	105.708
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 3	22.00	105.630	-0.35	105.836
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 9	16.00	103.070	-0.31	103.070
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 1	9.25	168.180	-0.34	173.454
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 5	15.05	119.800	-1.26	126.971
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 1	17.00	165.840	-0.30	170.481
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 7	20.00	173.040	-0.17	174.688
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 1	23.00	170.400	-0.08	173.775
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 7	14.00	183.840	-0.01	185.315
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 7	16.00	197.880	0.01	199.528
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 7	15.00	171.610	0.06	172.738
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 7	27.50	157.590	0.13	158.457
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 5	8.85	136.400	-1.08	144.984
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 9	28.00	161.020	0.17	161.601
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 9	17.50	129.310	0.20	129.600
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 9	3.50	93.200	0.23	93.200

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**Prices and yields of listed Federal securities as of 07.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 07.11.19	Yield	"Dirty price"
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 1	13.00	100.050	-0.57	100.050
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 1	22.00	100.589	-0.71	103.358
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 4	13.00	100.208	-0.62	100.208
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 5	16.00	100.230	1.20	116.077
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 5	20.00	100.256	-0.59	100.256
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 7	12.00	100.353	-0.60	100.353
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 7	22.00	102.345	-0.62	103.411
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 9	16.00	102.350	-0.62	102.768
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 10	12.00	100.512	-0.61	100.512
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 11	19.00	100.806	-0.61	100.824
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 1	12.00	100.686	-0.63	100.686
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 1	19.00	103.713	-0.71	105.843
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 4	13.00	100.845	-0.63	100.845
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 5	21.00	100.910	-0.64	100.910
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 7	14.00	101.010	-0.63	101.010
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 7	19.00	106.447	-0.64	107.601
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 9	16.00	105.290	-0.64	105.708
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 10	13.00	101.165	-0.63	101.165
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 11	19.00	101.240	-0.64	101.240
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 1	20.00	105.800	-0.67	107.504
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 5	18.00	101.560	-0.64	101.560
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 7	24.00	106.440	-0.66	107.062
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 9	18.00	106.150	-0.66	106.429
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 11	17.00	101.910	-0.65	101.910
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 3	18.00	107.070	-0.64	108.175
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 5	16.00	102.210	-0.64	102.210
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 5	16.50	104.650	-1.22	113.476
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 6	18.00	107.570	-0.63	108.308
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 9	18.00	109.990	-0.62	110.471
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 11	16.00	102.460	-0.62	102.460
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 1	10.25	128.850	-0.60	134.175
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 3	18.00	110.130	-0.59	111.420
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 4	21.00	102.590	-0.58	102.590
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 6	18.00	109.550	-0.58	110.288
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 9	18.00	107.600	-0.57	107.840
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 11	17.00	102.780	-0.55	102.780
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 3	23.00	105.704	-0.56	106.072
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 9	23.00	109.070	-0.55	109.310
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 3	26.00	106.560	-0.53	106.928
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 5	16.20	109.550	-1.31	115.613
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 9	25.00	103.500	-0.51	103.500
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 3	26.00	105.440	-0.48	105.624
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 7	11.25	154.200	-0.45	156.509
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 9	25.00	107.610	-0.46	107.730
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 1	14.50	150.350	-0.43	155.143
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 3	21.00	107.800	-0.43	108.168
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 7	11.25	145.380	-0.40	147.067
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 9	21.00	105.700	-0.39	105.760
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 3	22.00	105.660	-0.35	105.868
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 9	16.00	103.120	-0.31	103.120
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 1	9.25	168.200	-0.34	173.525
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 5	15.05	119.790	-1.26	126.992
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 1	17.00	165.880	-0.30	170.566
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 7	20.00	173.150	-0.18	174.837
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 1	23.00	170.610	-0.09	174.018
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 7	14.00	184.160	-0.02	185.670
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 7	16.00	198.240	-0.01	199.927
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 7	15.00	172.050	0.05	173.204
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 7	27.50	158.070	0.11	158.958
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 5	8.85	137.100	-1.10	145.760
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 9	28.00	161.610	0.15	162.211
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 9	17.50	129.930	0.18	130.231
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 9	3.50	93.820	0.21	93.820

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**Prices and yields of listed Federal securities as of 08.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 08.11.19	Yield	"Dirty price"
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 1	13.00	100.046	-0.52	100.046
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 1	22.00	100.577	-0.63	103.346
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 4	13.00	100.206	-0.61	100.206
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 5	16.00	100.210	1.25	116.054
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 5	20.00	100.260	-0.60	100.260
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 7	12.00	100.363	-0.62	100.363
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 7	22.00	102.338	-0.61	103.404
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 9	16.00	102.340	-0.61	102.758
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 10	12.00	100.510	-0.61	100.510
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 11	19.00	100.800	-0.61	100.818
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 1	12.00	100.680	-0.62	100.680
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 1	19.00	103.700	-0.70	105.830
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 4	13.00	100.835	-0.62	100.835
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 5	21.00	100.895	-0.63	100.895
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 7	14.00	100.993	-0.62	100.993
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 7	19.00	106.420	-0.62	107.574
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 9	16.00	105.260	-0.62	105.678
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 10	13.00	101.140	-0.62	101.140
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 11	19.00	101.215	-0.63	101.215
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 1	20.00	105.770	-0.66	107.474
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 5	18.00	101.540	-0.63	101.540
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 7	24.00	106.390	-0.64	107.012
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 9	18.00	106.100	-0.64	106.379
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 10	17.00	101.860	-0.63	101.860
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 3	18.00	107.010	-0.62	108.115
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 5	16.00	102.150	-0.62	102.150
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 5	16.50	104.550	-1.19	113.367
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 6	18.00	107.500	-0.61	108.238
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 9	18.00	109.910	-0.60	110.391
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 11	16.00	102.370	-0.60	102.370
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 1	10.25	128.700	-0.57	134.025
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 3	18.00	110.010	-0.56	111.300
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 4	21.00	102.470	-0.55	102.470
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 6	18.00	109.420	-0.56	110.158
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 9	18.00	107.470	-0.54	107.710
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 11	17.00	102.640	-0.53	102.640
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 3	23.00	105.473	-0.52	105.841
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 9	23.00	108.800	-0.50	109.040
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 3	26.00	106.240	-0.48	106.608
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 5	16.20	109.250	-1.27	115.296
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 9	25.00	103.140	-0.46	103.140
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 3	26.00	105.045	-0.43	105.229
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 7	11.25	153.620	-0.39	155.929
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 9	25.00	107.150	-0.41	107.270
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 1	14.50	149.720	-0.37	154.513
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 3	21.00	107.310	-0.37	107.678
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 7	11.25	144.740	-0.34	146.427
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 9	21.00	105.170	-0.33	105.230
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 3	22.00	105.110	-0.29	105.318
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 9	16.00	102.540	-0.26	102.540
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 1	9.25	167.370	-0.28	172.695
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 5	15.05	119.250	-1.22	126.421
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 1	17.00	164.980	-0.24	169.666
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 7	20.00	171.920	-0.12	173.607
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 1	23.00	169.180	-0.03	172.588
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 7	14.00	182.460	0.04	183.970
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 7	16.00	196.370	0.05	198.057
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 7	15.00	170.180	0.11	171.334
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 7	27.50	156.160	0.17	157.048
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 5	8.85	135.450	-1.06	144.006
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 9	28.00	159.490	0.21	160.091
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 9	17.50	127.900	0.24	128.201
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 9	3.50	91.990	0.27	91.990

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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 11.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 11.11.19	Yield	"Dirty price"
DE000 110470 1	0.000 BSA 17 IV	13.12.2019	0 / 1	13.00	100.048	-0.58	100.048
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 1	22.00	100.566	-0.70	103.353
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 4	13.00	100.206	-0.62	100.206
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 5	16.00	100.190	1.29	116.059
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 5	20.00	100.260	-0.61	100.260
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 7	12.00	100.362	-0.62	100.362
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 7	22.00	102.330	-0.62	103.412
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 9	16.00	102.340	-0.63	102.770
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 10	12.00	100.514	-0.62	100.514
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 11	19.00	100.800	-0.61	100.819
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 1	12.00	100.687	-0.63	100.687
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 1	19.00	103.697	-0.71	105.841
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 4	13.00	100.840	-0.63	100.840
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 4	21.00	100.905	-0.64	100.905
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 7	14.00	101.005	-0.63	101.005
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 7	19.00	106.422	-0.63	107.594
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 9	16.00	105.270	-0.64	105.700
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 9	13.00	101.150	-0.62	101.150
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 10	19.00	101.230	-0.64	101.230
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 1	20.00	105.770	-0.66	107.485
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 4	18.00	101.550	-0.64	101.550
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 7	24.00	106.400	-0.65	107.031
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 9	18.00	106.100	-0.64	106.387
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 10	17.00	101.870	-0.64	101.870
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 3	18.00	107.020	-0.63	108.134
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 5	16.00	102.160	-0.62	102.160
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 5	16.50	104.580	-1.20	113.417
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 6	18.00	107.510	-0.61	108.256
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 9	18.00	109.920	-0.60	110.412
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 11	16.00	102.390	-0.60	102.390
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 1	10.25	128.720	-0.58	134.080
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 3	18.00	110.030	-0.57	111.329
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 4	21.00	102.500	-0.56	102.500
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 6	18.00	109.440	-0.56	110.186
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 9	18.00	107.490	-0.55	107.736
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 11	17.00	102.660	-0.53	102.660
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 3	23.00	105.516	-0.53	105.887
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 9	23.00	108.860	-0.51	109.106
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 3	26.00	106.300	-0.49	106.671
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 5	16.20	109.290	-1.28	115.357
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 9	25.00	103.210	-0.47	103.210
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 3	26.00	105.130	-0.44	105.316
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 7	11.25	153.740	-0.41	156.084
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 9	25.00	107.250	-0.42	107.373
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 1	14.50	149.855	-0.39	154.679
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 3	21.00	107.435	-0.38	107.806
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 7	11.25	144.900	-0.36	146.613
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 9	21.00	105.320	-0.35	105.381
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 3	22.00	105.260	-0.31	105.470
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 9	16.00	102.700	-0.27	102.700
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 1	9.25	167.590	-0.30	172.950
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 5	15.05	119.330	-1.23	126.528
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 1	17.00	165.210	-0.26	169.926
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 7	20.00	172.260	-0.13	173.973
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 1	23.00	169.640	-0.05	173.070
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 7	14.00	183.000	0.02	184.533
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 7	16.00	197.000	0.03	198.713
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 7	15.00	170.780	0.09	171.952
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 7	27.50	156.820	0.15	157.722
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 5	8.85	135.760	-1.06	144.357
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 9	28.00	160.190	0.19	160.805
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 9	17.50	128.590	0.22	128.897
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 9	3.50	92.590	0.25	92.590

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**Prices and yields of listed Federal securities as of 12.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 12.11.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 1	13.00	<b>100.045</b>	-0.57	<b>100.045</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.555</b>	-0.70	<b>103.351</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 4	13.00	<b>100.205</b>	-0.62	<b>100.205</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 5	16.00	<b>100.180</b>	1.31	<b>116.062</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 5	20.00	<b>100.258</b>	-0.61	<b>100.258</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 7	12.00	<b>100.360</b>	-0.62	<b>100.360</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.325</b>	-0.63	<b>103.415</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.333</b>	-0.63	<b>102.769</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.525</b>	-0.63	<b>100.525</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 11	19.00	<b>100.807</b>	-0.62	<b>100.827</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.690</b>	-0.64	<b>100.690</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.693</b>	-0.71	<b>105.844</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 4	13.00	<b>100.847</b>	-0.63	<b>100.847</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.905</b>	-0.64	<b>100.905</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>101.005</b>	-0.63	<b>101.005</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.415</b>	-0.64	<b>107.596</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.260</b>	-0.64	<b>105.696</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.150</b>	-0.63	<b>101.150</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.225</b>	-0.64	<b>101.225</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.290</b>	-0.62	<b>101.290</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.760</b>	-0.66	<b>107.481</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.540</b>	-0.64	<b>101.540</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.390</b>	-0.64	<b>107.026</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.090</b>	-0.64	<b>106.381</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.880</b>	-0.64	<b>101.880</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 3	18.00	<b>107.000</b>	-0.62	<b>108.118</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 5	16.00	<b>102.150</b>	-0.62	<b>102.150</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 5	16.50	<b>104.650</b>	-1.22	<b>113.501</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 6	18.00	<b>107.500</b>	-0.61	<b>108.250</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 9	18.00	<b>109.910</b>	-0.60	<b>110.407</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 11	16.00	<b>102.380</b>	-0.60	<b>102.380</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.690</b>	-0.58	<b>134.067</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 3	18.00	<b>110.000</b>	-0.57	<b>111.304</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.480</b>	-0.56	<b>102.480</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 6	18.00	<b>109.410</b>	-0.56	<b>110.160</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 9	18.00	<b>107.460</b>	-0.55	<b>107.709</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 11	17.00	<b>102.630</b>	-0.53	<b>102.630</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 3	23.00	<b>105.430</b>	-0.52	<b>105.803</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 9	23.00	<b>108.740</b>	-0.49	<b>108.989</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 3	26.00	<b>106.160</b>	-0.47	<b>106.533</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 5	16.20	<b>109.350</b>	-1.29	<b>115.429</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 9	25.00	<b>103.040</b>	-0.44	<b>103.040</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 3	26.00	<b>104.920</b>	-0.42	<b>105.106</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>153.430</b>	-0.38	<b>155.792</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 9	25.00	<b>107.010</b>	-0.39	<b>107.134</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>149.520</b>	-0.36	<b>154.359</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 3	21.00	<b>107.170</b>	-0.35	<b>107.543</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>144.530</b>	-0.33	<b>146.256</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 9	21.00	<b>105.020</b>	-0.31	<b>105.082</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 3	22.00	<b>104.950</b>	-0.28	<b>105.160</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 9	16.00	<b>102.380</b>	-0.24	<b>102.380</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>167.110</b>	-0.27	<b>172.487</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 5	15.05	<b>119.200</b>	-1.22	<b>126.401</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>164.710</b>	-0.23	<b>169.442</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>171.490</b>	-0.10	<b>173.216</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>168.670</b>	0.00	<b>172.111</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>181.760</b>	0.06	<b>183.304</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>195.600</b>	0.08	<b>197.326</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>169.380</b>	0.14	<b>170.561</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>155.310</b>	0.20	<b>156.218</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 5	8.85	<b>135.150</b>	-1.05	<b>143.720</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 9	28.00	<b>158.550</b>	0.24	<b>159.172</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 9	17.50	<b>127.040</b>	0.27	<b>127.351</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 9	3.50	<b>91.230</b>	0.30	<b>91.230</b>

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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 13.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 13.11.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 1	13.00	<b>100.046</b>	-0.60	<b>100.046</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.547</b>	-0.72	<b>103.352</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 4	13.00	<b>100.204</b>	-0.63	<b>100.204</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 5	16.00	<b>100.150</b>	1.38	<b>116.042</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 5	20.00	<b>100.260</b>	-0.62	<b>100.260</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.357</b>	-0.62	<b>100.357</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.320</b>	-0.64	<b>103.418</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.330</b>	-0.63	<b>102.773</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.528</b>	-0.64	<b>100.528</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 11	19.00	<b>100.807</b>	-0.62	<b>100.827</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.690</b>	-0.64	<b>100.690</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.687</b>	-0.72	<b>105.845</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.850</b>	-0.64	<b>100.850</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.910</b>	-0.65	<b>100.910</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>101.010</b>	-0.64	<b>101.010</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.410</b>	-0.64	<b>107.600</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.260</b>	-0.64	<b>105.703</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.160</b>	-0.63	<b>101.160</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.230</b>	-0.64	<b>101.230</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.300</b>	-0.62	<b>101.300</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.765</b>	-0.67	<b>107.491</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.570</b>	-0.65	<b>101.570</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.410</b>	-0.65	<b>107.051</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.120</b>	-0.66	<b>106.415</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.900</b>	-0.65	<b>101.900</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 3	18.00	<b>107.050</b>	-0.64	<b>108.172</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 5	16.00	<b>102.200</b>	-0.64	<b>102.200</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 5	16.50	<b>104.610</b>	-1.21	<b>113.466</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 6	18.00	<b>107.540</b>	-0.63	<b>108.294</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 9	18.00	<b>109.960</b>	-0.62	<b>110.463</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 11	16.00	<b>102.450</b>	-0.62	<b>102.450</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.750</b>	-0.59	<b>134.144</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 3	18.00	<b>110.090</b>	-0.59	<b>111.399</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.570</b>	-0.58	<b>102.570</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 6	18.00	<b>109.500</b>	-0.58	<b>110.254</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 9	18.00	<b>107.570</b>	-0.57	<b>107.821</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 11	17.00	<b>102.750</b>	-0.55	<b>102.750</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 3	23.00	<b>105.571</b>	-0.54	<b>105.945</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 9	23.00	<b>108.920</b>	-0.52	<b>109.171</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 3	26.00	<b>106.380</b>	-0.50	<b>106.754</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 5	16.20	<b>109.370</b>	-1.29	<b>115.458</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 9	25.00	<b>103.310</b>	-0.48	<b>103.310</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 3	26.00	<b>105.250</b>	-0.46	<b>105.437</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>153.870</b>	-0.43	<b>156.250</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 9	25.00	<b>107.380</b>	-0.43	<b>107.506</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.000</b>	-0.41	<b>154.854</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 3	21.00	<b>107.600</b>	-0.40	<b>107.974</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.090</b>	-0.38	<b>146.829</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 9	21.00	<b>105.500</b>	-0.37	<b>105.563</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 3	22.00	<b>105.440</b>	-0.33	<b>105.651</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 9	19.00	<b>102.870</b>	-0.29	<b>102.870</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>167.730</b>	-0.31	<b>173.124</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 5	15.05	<b>119.370</b>	-1.23	<b>126.591</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>165.430</b>	-0.28	<b>170.177</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>172.680</b>	-0.16	<b>174.419</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>170.160</b>	-0.07	<b>173.612</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>183.730</b>	-0.01	<b>185.286</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>197.850</b>	0.01	<b>199.589</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>171.600</b>	0.06	<b>172.790</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>157.650</b>	0.12	<b>158.565</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 5	8.85	<b>137.030</b>	-1.10	<b>145.729</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 9	28.00	<b>161.070</b>	0.16	<b>161.698</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 9	17.50	<b>129.390</b>	0.20	<b>129.704</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 9	3.50	<b>93.310</b>	0.23	<b>93.310</b>

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 14.11.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 14.11.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.042</b>	-0.61	<b>100.042</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.513</b>	-0.71	<b>103.345</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.200</b>	-0.63	<b>100.200</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 5	16.00	<b>100.130</b>	1.42	<b>116.060</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 5	20.00	<b>100.257</b>	-0.62	<b>100.257</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.358</b>	-0.63	<b>100.358</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.295</b>	-0.65	<b>103.418</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.318</b>	-0.65	<b>102.779</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.530</b>	-0.65	<b>100.530</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 11	19.00	<b>100.807</b>	-0.63	<b>100.830</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.695</b>	-0.65	<b>100.695</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.675</b>	-0.73	<b>105.853</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.862</b>	-0.65	<b>100.862</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.923</b>	-0.66	<b>100.923</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>101.027</b>	-0.65	<b>101.027</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.400</b>	-0.65	<b>107.617</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.265</b>	-0.66	<b>105.726</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.180</b>	-0.65	<b>101.180</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.250</b>	-0.66	<b>101.250</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.330</b>	-0.64	<b>101.330</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.780</b>	-0.69	<b>107.522</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.600</b>	-0.66	<b>101.600</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.430</b>	-0.67	<b>107.085</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.150</b>	-0.67	<b>106.457</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.950</b>	-0.67	<b>101.950</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 3	18.00	<b>107.090</b>	-0.66	<b>108.224</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 5	16.00	<b>102.260</b>	-0.65	<b>102.260</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 5	16.50	<b>104.630</b>	-1.22	<b>113.514</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 6	18.00	<b>107.590</b>	-0.64	<b>108.356</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 9	18.00	<b>110.020</b>	-0.64	<b>110.539</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.520</b>	-0.64	<b>102.520</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.800</b>	-0.62	<b>134.245</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 3	18.00	<b>110.160</b>	-0.61	<b>111.483</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.660</b>	-0.60	<b>102.660</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 6	18.00	<b>109.580</b>	-0.60	<b>110.346</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 9	18.00	<b>107.660</b>	-0.59	<b>107.920</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 11	17.00	<b>102.850</b>	-0.57	<b>102.850</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 3	23.00	<b>105.750</b>	-0.58	<b>106.128</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 9	23.00	<b>109.110</b>	-0.56	<b>109.370</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 3	26.00	<b>106.590</b>	-0.54	<b>106.968</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 5	16.20	<b>109.410</b>	-1.30	<b>115.526</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 9	25.00	<b>103.530</b>	-0.51	<b>103.530</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 3	26.00	<b>105.500</b>	-0.49	<b>105.689</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.160</b>	-0.46	<b>156.593</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 9	25.00	<b>107.680</b>	-0.47	<b>107.810</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.340</b>	-0.44	<b>155.241</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 3	21.00	<b>107.920</b>	-0.44	<b>108.298</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.460</b>	-0.42	<b>147.238</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 9	21.00	<b>105.820</b>	-0.40	<b>105.885</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 3	22.00	<b>105.790</b>	-0.36	<b>106.003</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 9	19.00	<b>103.240</b>	-0.33	<b>103.240</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.140</b>	-0.35	<b>173.585</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 5	15.05	<b>119.500</b>	-1.24	<b>126.760</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>165.910</b>	-0.31	<b>170.702</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>173.340</b>	-0.19	<b>175.118</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>170.970</b>	-0.10	<b>174.455</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>184.690</b>	-0.05	<b>186.281</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>198.870</b>	-0.03	<b>200.648</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>172.650</b>	0.03	<b>173.867</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>158.770</b>	0.09	<b>159.706</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 5	8.85	<b>137.780</b>	-1.12	<b>146.559</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 9	28.00	<b>162.350</b>	0.13	<b>162.999</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 9	17.50	<b>130.580</b>	0.16	<b>130.904</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 9	3.50	<b>94.410</b>	0.19	<b>94.410</b>

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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 15.11.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 15.11.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	100.041	-0.60	100.041
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	100.503	-0.64	103.335
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	100.200	-0.63	100.200
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 5	16.00	100.135	1.41	116.066
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 5	20.00	100.260	-0.63	100.260
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	100.355	-0.63	100.355
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	102.287	-0.63	103.410
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	102.310	-0.64	102.771
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	100.534	-0.65	100.534
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 11	19.00	100.810	-0.63	100.833
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	100.695	-0.65	100.695
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	103.667	-0.72	105.845
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	100.865	-0.65	100.865
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	100.923	-0.66	100.923
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	101.020	-0.65	101.020
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	106.395	-0.65	107.612
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	105.265	-0.66	105.726
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	101.185	-0.65	101.185
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	101.255	-0.66	101.255
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	101.338	-0.64	101.338
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	105.790	-0.69	107.532
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	101.620	-0.67	101.620
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	106.450	-0.68	107.105
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	106.180	-0.68	106.487
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	101.970	-0.67	101.970
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 3	18.00	107.120	-0.66	108.254
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	102.300	-0.67	102.300
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 5	16.50	104.670	-1.23	113.557
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 6	18.00	107.630	-0.65	108.396
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 9	18.00	110.600	-0.65	110.579
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	102.580	-0.65	102.580
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	128.860	-0.63	134.305
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 3	18.00	110.220	-0.62	111.543
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	102.730	-0.61	102.730
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 6	18.00	109.650	-0.61	110.416
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 9	18.00	107.740	-0.60	108.000
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 11	17.00	102.940	-0.59	102.940
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 3	23.00	105.790	-0.58	106.168
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 9	23.00	109.160	-0.57	109.420
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 3	26.00	106.650	-0.54	107.028
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 5	16.20	109.570	-1.32	115.695
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 9	25.00	103.600	-0.52	103.600
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 3	26.00	105.570	-0.50	105.759
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	154.240	-0.47	156.673
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 9	25.00	107.760	-0.48	107.890
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	150.430	-0.45	155.331
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 3	21.00	108.010	-0.45	108.388
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	145.560	-0.42	147.338
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 9	21.00	105.920	-0.41	105.985
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 3	22.00	105.910	-0.38	106.123
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 9	19.00	103.360	-0.34	103.360
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	168.275	-0.36	173.720
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 5	15.05	119.770	-1.27	127.046
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	166.070	-0.32	170.862
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	173.560	-0.20	175.338
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	171.220	-0.11	174.705
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	185.030	-0.06	186.621
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	199.280	-0.04	201.058
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	173.060	0.02	174.277
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	159.230	0.07	160.166
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 5	8.85	138.250	-1.13	147.059
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 9	28.00	162.820	0.11	163.469
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 9	17.50	131.050	0.15	131.374
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 9	3.50	94.840	0.17	94.840

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 18.11.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 18.11.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.040</b>	-0.63	<b>100.040</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.488</b>	-0.69	<b>103.337</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.194</b>	-0.62	<b>100.194</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>100.130</b>	1.42	<b>116.089</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.251</b>	-0.62	<b>100.251</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.349</b>	-0.62	<b>100.349</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.270</b>	-0.64	<b>103.409</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.296</b>	-0.64	<b>102.769</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.524</b>	-0.64	<b>100.524</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.803</b>	-0.63	<b>100.827</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.684</b>	-0.64	<b>100.684</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.644</b>	-0.72	<b>105.836</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.845</b>	-0.64	<b>100.845</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.907</b>	-0.65	<b>100.907</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>101.002</b>	-0.64	<b>101.002</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.368</b>	-0.65	<b>107.602</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.235</b>	-0.65	<b>105.708</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.165</b>	-0.64	<b>101.165</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.235</b>	-0.65	<b>101.235</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.315</b>	-0.63	<b>101.315</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.770</b>	-0.69	<b>107.523</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.590</b>	-0.66	<b>101.590</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.420</b>	-0.67	<b>107.085</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.130</b>	-0.67	<b>106.446</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.940</b>	-0.66	<b>101.940</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.080</b>	-0.66	<b>108.222</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.250</b>	-0.65	<b>102.250</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.680</b>	-1.24	<b>113.585</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.580</b>	-0.64	<b>108.355</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>110.000</b>	-0.64	<b>110.530</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.520</b>	-0.64	<b>102.520</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.770</b>	-0.62	<b>134.249</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.150</b>	-0.61	<b>111.483</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.660</b>	-0.60	<b>102.660</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.570</b>	-0.60	<b>110.345</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.650</b>	-0.59	<b>107.915</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 11	17.00	<b>102.860</b>	-0.57	<b>102.860</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.680</b>	-0.57	<b>106.061</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.040</b>	-0.55	<b>109.305</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.520</b>	-0.53	<b>106.901</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.500</b>	-1.31	<b>115.639</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.460</b>	-0.50	<b>103.460</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.440</b>	-0.49	<b>105.630</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.110</b>	-0.46	<b>156.579</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.600</b>	-0.46	<b>107.733</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.250</b>	-0.44	<b>155.182</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>107.840</b>	-0.43	<b>108.221</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.340</b>	-0.41	<b>147.144</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.750</b>	-0.40	<b>105.816</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.740</b>	-0.36	<b>105.954</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.180</b>	-0.32	<b>103.180</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.030</b>	-0.34	<b>173.509</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.700</b>	-1.26	<b>126.994</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>165.780</b>	-0.30	<b>170.602</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>173.170</b>	-0.18	<b>174.974</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>170.790</b>	-0.10	<b>174.297</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>184.520</b>	-0.04	<b>186.134</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>198.720</b>	-0.02	<b>200.524</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>172.510</b>	0.03	<b>173.744</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>158.660</b>	0.09	<b>159.609</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>138.110</b>	-1.13	<b>146.933</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>162.220</b>	0.13	<b>162.883</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>130.460</b>	0.16	<b>130.791</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	3.50	<b>94.290</b>	0.19	<b>94.290</b>

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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 19.11.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 19.11.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.037</b>	-0.61	<b>100.037</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.478</b>	-0.69	<b>103.336</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.188</b>	-0.61	<b>100.188</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>100.120</b>	1.44	<b>116.091</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.246</b>	-0.61	<b>100.246</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.340</b>	-0.61	<b>100.340</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.253</b>	-0.63	<b>103.401</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.280</b>	-0.63	<b>102.760</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.514</b>	-0.63	<b>100.514</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.790</b>	-0.62	<b>100.815</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.674</b>	-0.63	<b>100.674</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.630</b>	-0.71	<b>105.829</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.832</b>	-0.63	<b>100.832</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.892</b>	-0.64	<b>100.892</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.986</b>	-0.63	<b>100.986</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.344</b>	-0.64	<b>107.587</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.214</b>	-0.64	<b>105.694</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.151</b>	-0.63	<b>101.151</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.220</b>	-0.64	<b>101.220</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.300</b>	-0.63	<b>101.300</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.760</b>	-0.69	<b>107.519</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.570</b>	-0.65	<b>101.570</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.390</b>	-0.66	<b>107.059</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.110</b>	-0.66	<b>106.430</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.920</b>	-0.66	<b>101.920</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.050</b>	-0.65	<b>108.197</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.240</b>	-0.65	<b>102.240</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.600</b>	-1.22	<b>113.507</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.560</b>	-0.64	<b>108.339</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.980</b>	-0.63	<b>110.516</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.510</b>	-0.63	<b>102.510</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.740</b>	-0.61	<b>134.237</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.130</b>	-0.60	<b>111.468</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.650</b>	-0.60	<b>102.650</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.550</b>	-0.60	<b>110.329</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.640</b>	-0.59	<b>107.908</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	17.00	<b>102.860</b>	-0.57	<b>102.860</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.690</b>	-0.57	<b>106.072</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.060</b>	-0.55	<b>109.328</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.555</b>	-0.53	<b>106.937</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.400</b>	-1.30	<b>115.543</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.490</b>	-0.51	<b>103.490</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.480</b>	-0.49	<b>105.671</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.175</b>	-0.47	<b>156.661</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.670</b>	-0.47	<b>107.804</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.330</b>	-0.45	<b>155.277</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>107.920</b>	-0.44	<b>108.302</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.430</b>	-0.42	<b>147.247</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.830</b>	-0.40	<b>105.897</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.830</b>	-0.37	<b>106.045</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.280</b>	-0.33	<b>103.280</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.140</b>	-0.35	<b>173.637</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.650</b>	-1.26	<b>126.952</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>165.915</b>	-0.31	<b>170.752</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>173.350</b>	-0.19	<b>175.167</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>170.980</b>	-0.11	<b>174.498</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>184.720</b>	-0.05	<b>186.346</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>198.910</b>	-0.03	<b>200.727</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>172.700</b>	0.03	<b>173.943</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>158.820</b>	0.08	<b>159.776</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>137.700</b>	-1.12	<b>146.508</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>162.400</b>	0.13	<b>163.069</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>130.615</b>	0.16	<b>130.950</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	3.50	<b>94.445</b>	0.19	<b>94.445</b>

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 20.11.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 20.11.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.035</b>	-0.61	<b>100.035</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.465</b>	-0.67	<b>103.332</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.190</b>	-0.62	<b>100.190</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>100.060</b>	1.59	<b>116.036</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.248</b>	-0.62	<b>100.248</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.344</b>	-0.62	<b>100.344</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.247</b>	-0.63	<b>103.403</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.285</b>	-0.65	<b>102.771</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.525</b>	-0.65	<b>100.525</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.802</b>	-0.64	<b>100.827</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.700</b>	-0.66	<b>100.700</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.650</b>	-0.74	<b>105.855</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.860</b>	-0.65	<b>100.860</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.920</b>	-0.66	<b>100.920</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>101.023</b>	-0.65	<b>101.023</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.371</b>	-0.66	<b>107.623</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.250</b>	-0.66	<b>105.736</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.192</b>	-0.66	<b>101.192</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.262</b>	-0.67	<b>101.262</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.350</b>	-0.65	<b>101.350</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.800</b>	-0.71	<b>107.564</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.640</b>	-0.68	<b>101.640</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.450</b>	-0.69	<b>107.124</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.170</b>	-0.69	<b>106.494</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.990</b>	-0.68	<b>101.990</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.140</b>	-0.68	<b>108.291</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.330</b>	-0.68	<b>102.330</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.620</b>	-1.22	<b>113.537</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.660</b>	-0.67	<b>108.443</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>110.100</b>	-0.67	<b>110.641</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.630</b>	-0.67	<b>102.630</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.870</b>	-0.65	<b>134.384</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.270</b>	-0.64	<b>111.612</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.800</b>	-0.63	<b>102.800</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.710</b>	-0.63	<b>110.493</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.810</b>	-0.62	<b>108.080</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	17.00	<b>103.030</b>	-0.61	<b>103.030</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.910</b>	-0.61	<b>106.294</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.305</b>	-0.59	<b>109.575</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.832</b>	-0.57	<b>107.216</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.550</b>	-1.32	<b>115.709</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.798</b>	-0.55	<b>103.798</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.806</b>	-0.54	<b>105.998</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.630</b>	-0.52	<b>157.134</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>108.044</b>	-0.52	<b>108.179</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.825</b>	-0.50	<b>155.787</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.335</b>	-0.49	<b>108.719</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.956</b>	-0.47	<b>147.786</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>106.297</b>	-0.46	<b>106.365</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>106.322</b>	-0.42	<b>106.538</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.792</b>	-0.38	<b>103.792</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.845</b>	-0.40	<b>174.359</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.850</b>	-1.27	<b>127.174</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>166.690</b>	-0.37	<b>171.542</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>174.420</b>	-0.25	<b>176.250</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>172.230</b>	-0.16	<b>175.759</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>186.230</b>	-0.10	<b>187.867</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>200.570</b>	-0.08	<b>202.400</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>174.390</b>	-0.03	<b>175.642</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>160.560</b>	0.03	<b>161.523</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>138.550</b>	-1.14	<b>147.422</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>164.320</b>	0.07	<b>164.996</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>132.400</b>	0.10	<b>132.738</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>96.000</b>	0.13	<b>96.000</b>

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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 21.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 21.11.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.030</b>	-0.61	<b>100.030</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.437</b>	-0.71	<b>103.331</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.182</b>	-0.61	<b>100.182</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>100.020</b>	1.69	<b>116.032</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.230</b>	-0.58	<b>100.230</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.334</b>	-0.61	<b>100.334</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.207</b>	-0.62	<b>103.387</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.252</b>	-0.63	<b>102.756</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.513</b>	-0.64	<b>100.513</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.788</b>	-0.63	<b>100.815</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.684</b>	-0.65	<b>100.684</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.617</b>	-0.73	<b>105.843</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.836</b>	-0.64	<b>100.836</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.897</b>	-0.65	<b>100.897</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.995</b>	-0.64	<b>100.995</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.315</b>	-0.65	<b>107.594</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.200</b>	-0.65	<b>105.704</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.158</b>	-0.64	<b>101.158</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.225</b>	-0.65	<b>101.225</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.315</b>	-0.64	<b>101.315</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.740</b>	-0.69	<b>107.521</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.590</b>	-0.66	<b>101.590</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.380</b>	-0.67	<b>107.069</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.100</b>	-0.67	<b>106.436</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.920</b>	-0.66	<b>101.920</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.040</b>	-0.65	<b>108.203</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.240</b>	-0.65	<b>102.240</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.500</b>	-1.19	<b>113.433</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.550</b>	-0.64	<b>108.345</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.961</b>	-0.64	<b>110.518</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.510</b>	-0.64	<b>102.510</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.680</b>	-0.62	<b>134.245</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.130</b>	-0.61	<b>111.487</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.660</b>	-0.60	<b>102.660</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.550</b>	-0.60	<b>110.345</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.640</b>	-0.59	<b>107.919</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	17.00	<b>102.860</b>	-0.57	<b>102.860</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.710</b>	-0.57	<b>106.098</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.080</b>	-0.56	<b>109.359</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.590</b>	-0.54	<b>106.978</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.250</b>	-1.28	<b>115.418</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.540</b>	-0.52	<b>103.540</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.520</b>	-0.50	<b>105.714</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.190</b>	-0.48	<b>156.747</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.730</b>	-0.48	<b>107.869</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.380</b>	-0.46	<b>155.389</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.000</b>	-0.45	<b>108.388</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.500</b>	-0.43	<b>147.369</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.930</b>	-0.42	<b>106.000</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.930</b>	-0.38	<b>106.148</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.400</b>	-0.34	<b>103.400</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.210</b>	-0.36	<b>173.775</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.450</b>	-1.24	<b>126.783</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>166.000</b>	-0.32	<b>170.897</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>173.480</b>	-0.20	<b>175.349</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>171.110</b>	-0.11	<b>174.672</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>184.860</b>	-0.05	<b>186.532</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>199.030</b>	-0.04	<b>200.899</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>172.800</b>	0.02	<b>174.079</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>158.920</b>	0.08	<b>159.904</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>136.600</b>	-1.09	<b>145.382</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>162.490</b>	0.12	<b>163.187</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>130.740</b>	0.15	<b>131.088</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>94.560</b>	0.18	<b>94.560</b>

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 22.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 22.11.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.030</b>	-0.61	<b>100.030</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.430</b>	-0.65	<b>103.324</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.180</b>	-0.60	<b>100.180</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>100.030</b>	1.66	<b>116.044</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.230</b>	-0.58	<b>100.230</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.330</b>	-0.60	<b>100.330</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.190</b>	-0.59	<b>103.370</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.245</b>	-0.63	<b>102.749</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.520</b>	-0.65	<b>100.520</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.785</b>	-0.63	<b>100.812</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.680</b>	-0.65	<b>100.680</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.610</b>	-0.73	<b>105.836</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.830</b>	-0.64	<b>100.830</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.885</b>	-0.64	<b>100.885</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.990</b>	-0.64	<b>100.990</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.300</b>	-0.64	<b>107.579</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.180</b>	-0.64	<b>105.684</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.149</b>	-0.64	<b>101.149</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.220</b>	-0.65	<b>101.220</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.310</b>	-0.64	<b>101.310</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.720</b>	-0.68	<b>107.501</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.580</b>	-0.66	<b>101.580</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.360</b>	-0.66	<b>107.049</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.090</b>	-0.67	<b>106.426</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.910</b>	-0.66	<b>101.910</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.050</b>	-0.66	<b>108.213</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.250</b>	-0.66	<b>102.250</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.550</b>	-1.21	<b>113.487</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.540</b>	-0.64	<b>108.335</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.970</b>	-0.64	<b>110.527</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.520</b>	-0.64	<b>102.520</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.670</b>	-0.62	<b>134.235</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.140</b>	-0.61	<b>111.497</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.680</b>	-0.60	<b>102.680</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.570</b>	-0.61	<b>110.365</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.670</b>	-0.60	<b>107.949</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	17.00	<b>102.890</b>	-0.58	<b>102.890</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.730</b>	-0.58	<b>106.118</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.105</b>	-0.56	<b>109.384</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.624</b>	-0.54	<b>107.012</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.400</b>	-1.30	<b>115.577</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.588</b>	-0.52	<b>103.588</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.575</b>	-0.51	<b>105.769</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.244</b>	-0.48	<b>156.801</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.786</b>	-0.49	<b>107.925</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.433</b>	-0.46	<b>155.442</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.068</b>	-0.46	<b>108.456</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.570</b>	-0.43	<b>147.439</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>106.015</b>	-0.43	<b>106.085</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>106.020</b>	-0.39	<b>106.238</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.485</b>	-0.35	<b>103.485</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.320</b>	-0.37	<b>173.885</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.800</b>	-1.27	<b>127.154</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>166.145</b>	-0.33	<b>171.042</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>173.720</b>	-0.21	<b>175.589</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>171.445</b>	-0.13	<b>175.007</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>185.310</b>	-0.07	<b>186.982</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>199.550</b>	-0.05	<b>201.419</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>173.390</b>	0.00	<b>174.669</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>159.530</b>	0.06	<b>160.514</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>137.900</b>	-1.13	<b>146.765</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>163.190</b>	0.10	<b>163.887</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>131.400</b>	0.13	<b>131.748</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>95.150</b>	0.16	<b>95.150</b>

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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 25.11.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 25.11.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.027</b>	-0.62	<b>100.027</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.413</b>	-0.69	<b>103.325</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.175</b>	-0.60	<b>100.175</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>100.000</b>	1.74	<b>116.037</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.232</b>	-0.60	<b>100.232</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.328</b>	-0.60	<b>100.328</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.185</b>	-0.61	<b>103.382</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.238</b>	-0.64	<b>102.754</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.515</b>	-0.65	<b>100.515</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.783</b>	-0.63	<b>100.812</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.682</b>	-0.65	<b>100.682</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.611</b>	-0.74	<b>105.851</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.829</b>	-0.64	<b>100.829</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.887</b>	-0.64	<b>100.887</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.986</b>	-0.64	<b>100.986</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.288</b>	-0.64	<b>107.584</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.176</b>	-0.65	<b>105.692</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.152</b>	-0.64	<b>101.152</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.219</b>	-0.65	<b>101.219</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.320</b>	-0.64	<b>101.320</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.710</b>	-0.68	<b>107.502</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.580</b>	-0.66	<b>101.580</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.350</b>	-0.66	<b>107.048</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.080</b>	-0.67	<b>106.424</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.920</b>	-0.66	<b>101.920</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.040</b>	-0.66	<b>108.211</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.240</b>	-0.65	<b>102.240</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.450</b>	-1.18	<b>113.395</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.550</b>	-0.65	<b>108.353</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.980</b>	-0.64	<b>110.548</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.530</b>	-0.64	<b>102.530</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.660</b>	-0.62	<b>134.259</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.150</b>	-0.62	<b>111.516</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.690</b>	-0.61	<b>102.690</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.580</b>	-0.61	<b>110.383</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.660</b>	-0.60	<b>107.944</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	17.00	<b>102.900</b>	-0.58	<b>102.900</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.740</b>	-0.58	<b>106.130</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.100</b>	-0.56	<b>109.384</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.630</b>	-0.55	<b>107.020</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.250</b>	-1.28	<b>115.436</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.590</b>	-0.52	<b>103.590</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.580</b>	-0.51	<b>105.775</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.230</b>	-0.49	<b>156.823</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.790</b>	-0.49	<b>107.932</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.430</b>	-0.47	<b>155.469</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.070</b>	-0.46	<b>108.460</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.560</b>	-0.44	<b>147.455</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>106.000</b>	-0.42	<b>106.071</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>106.010</b>	-0.39	<b>106.229</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.480</b>	-0.35	<b>103.480</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.280</b>	-0.37	<b>173.879</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.350</b>	-1.24	<b>126.698</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>166.110</b>	-0.33	<b>171.037</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>173.680</b>	-0.21	<b>175.575</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>171.390</b>	-0.13	<b>174.974</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>185.200</b>	-0.07	<b>186.895</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>199.440</b>	-0.05	<b>201.335</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>173.260</b>	0.01	<b>174.556</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>159.420</b>	0.06	<b>160.417</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>136.450</b>	-1.09	<b>145.243</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>163.070</b>	0.10	<b>163.780</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>131.260</b>	0.14	<b>131.615</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>95.000</b>	0.17	<b>95.000</b>

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 26.11.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 26.11.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.025</b>	-0.61	<b>100.025</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.408</b>	-0.75	<b>103.329</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.177</b>	-0.61	<b>100.177</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>100.020</b>	1.69	<b>116.074</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.234</b>	-0.61	<b>100.234</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.330</b>	-0.61	<b>100.330</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.178</b>	-0.62	<b>103.383</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.230</b>	-0.64	<b>102.753</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.513</b>	-0.65	<b>100.513</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.777</b>	-0.63	<b>100.806</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.678</b>	-0.65	<b>100.678</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.605</b>	-0.75	<b>105.852</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.828</b>	-0.64	<b>100.828</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.880</b>	-0.64	<b>100.880</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.980</b>	-0.63	<b>100.980</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.272</b>	-0.64	<b>107.577</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.164</b>	-0.64	<b>105.687</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.143</b>	-0.63	<b>101.143</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.215</b>	-0.65	<b>101.215</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.312</b>	-0.64	<b>101.312</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.700</b>	-0.68	<b>107.497</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.590</b>	-0.67	<b>101.590</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.350</b>	-0.66	<b>107.053</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.080</b>	-0.67	<b>106.428</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.920</b>	-0.66	<b>101.920</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.050</b>	-0.66	<b>108.225</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.260</b>	-0.66	<b>102.260</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.480</b>	-1.19	<b>113.436</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.560</b>	-0.65	<b>108.367</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.990</b>	-0.65	<b>110.564</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.550</b>	-0.65	<b>102.550</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.670</b>	-0.63	<b>134.286</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.160</b>	-0.62	<b>111.531</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.720</b>	-0.61	<b>102.720</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.600</b>	-0.62	<b>110.407</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.700</b>	-0.61	<b>107.987</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	17.00	<b>102.940</b>	-0.59	<b>102.940</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.780</b>	-0.59	<b>106.172</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.158</b>	-0.57	<b>109.445</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.680</b>	-0.55	<b>107.072</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.310</b>	-1.29	<b>115.509</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.660</b>	-0.53	<b>103.660</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.640</b>	-0.52	<b>105.836</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.300</b>	-0.49	<b>156.911</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.860</b>	-0.50	<b>108.003</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.490</b>	-0.47	<b>155.545</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.130</b>	-0.47	<b>108.522</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.630</b>	-0.44	<b>147.538</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>106.080</b>	-0.43	<b>106.152</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>106.090</b>	-0.40	<b>106.310</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.560</b>	-0.36	<b>103.560</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.360</b>	-0.38	<b>173.976</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.410</b>	-1.24	<b>126.773</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>166.200</b>	-0.34	<b>171.142</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>173.800</b>	-0.22	<b>175.708</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>171.510</b>	-0.13	<b>175.105</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>185.350</b>	-0.07	<b>187.057</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>199.580</b>	-0.06	<b>201.488</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>173.390</b>	0.00	<b>174.695</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>159.530</b>	0.06	<b>160.534</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>136.740</b>	-1.09	<b>145.563</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>163.190</b>	0.10	<b>163.907</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>131.380</b>	0.14	<b>131.739</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>95.110</b>	0.16	<b>95.110</b>

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

**Prices and yields of listed Federal securities as of 27.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 27.11.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.025</b>	-0.65	<b>100.025</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.396</b>	-0.74	<b>103.325</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.173</b>	-0.60	<b>100.173</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>100.000</b>	1.74	<b>116.065</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.230</b>	-0.60	<b>100.230</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.324</b>	-0.60	<b>100.324</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.167</b>	-0.62	<b>103.380</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.219</b>	-0.63	<b>102.748</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.510</b>	-0.65	<b>100.510</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.775</b>	-0.63	<b>100.805</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.677</b>	-0.65	<b>100.677</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.589</b>	-0.74	<b>105.842</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.831</b>	-0.64	<b>100.831</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.879</b>	-0.64	<b>100.879</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.983</b>	-0.64	<b>100.983</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.267</b>	-0.64	<b>107.581</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.161</b>	-0.65	<b>105.690</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.147</b>	-0.64	<b>101.147</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.217</b>	-0.65	<b>101.217</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.318</b>	-0.64	<b>101.318</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.690</b>	-0.68	<b>107.493</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.580</b>	-0.66	<b>101.580</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.340</b>	-0.66	<b>107.048</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.070</b>	-0.67	<b>106.422</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.910</b>	-0.66	<b>101.910</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.040</b>	-0.66	<b>108.219</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.250</b>	-0.66	<b>102.250</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.450</b>	-1.18	<b>113.413</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.570</b>	-0.66	<b>108.381</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>110.000</b>	-0.65	<b>110.579</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.560</b>	-0.65	<b>102.560</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.660</b>	-0.63	<b>134.294</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.170</b>	-0.62	<b>111.546</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.730</b>	-0.62	<b>102.730</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.620</b>	-0.62	<b>110.431</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.720</b>	-0.61	<b>108.010</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.970</b>	-0.60	<b>102.970</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.830</b>	-0.60	<b>106.223</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.210</b>	-0.58	<b>109.500</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.760</b>	-0.57	<b>107.153</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.330</b>	-1.29	<b>115.538</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.750</b>	-0.55	<b>103.750</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.750</b>	-0.53	<b>105.947</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.420</b>	-0.51	<b>157.048</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.970</b>	-0.51	<b>108.115</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.630</b>	-0.49	<b>155.700</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.280</b>	-0.49	<b>108.673</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.800</b>	-0.46	<b>147.721</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>106.240</b>	-0.45	<b>106.312</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>106.260</b>	-0.42	<b>106.481</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.740</b>	-0.38	<b>103.740</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.600</b>	-0.39	<b>174.234</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.650</b>	-1.26	<b>127.038</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>166.460</b>	-0.36	<b>171.418</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>174.210</b>	-0.24	<b>176.131</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>172.000</b>	-0.15	<b>175.605</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>186.000</b>	-0.10	<b>187.719</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>200.300</b>	-0.08	<b>202.221</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>174.120</b>	-0.02	<b>175.434</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>160.310</b>	0.04	<b>161.321</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>137.200</b>	-1.11	<b>146.064</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>164.060</b>	0.08	<b>164.784</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>132.220</b>	0.11	<b>132.582</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>95.870</b>	0.14	<b>95.870</b>

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 28.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 28.11.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.020</b>	-0.66	<b>100.020</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.363</b>	-0.74	<b>103.319</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.171</b>	-0.61	<b>100.171</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>99.980</b>	1.79	<b>116.080</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.230</b>	-0.61	<b>100.230</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.324</b>	-0.61	<b>100.324</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.143</b>	-0.63	<b>103.381</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.199</b>	-0.64	<b>102.746</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.510</b>	-0.65	<b>100.510</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.768</b>	-0.63	<b>100.800</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.674</b>	-0.65	<b>100.674</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.566</b>	-0.74	<b>105.840</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.835</b>	-0.65	<b>100.835</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.879</b>	-0.64	<b>100.879</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.990</b>	-0.64	<b>100.990</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.245</b>	-0.65	<b>107.586</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.141</b>	-0.65	<b>105.688</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.149</b>	-0.64	<b>101.149</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.215</b>	-0.65	<b>101.215</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.314</b>	-0.64	<b>101.314</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.680</b>	-0.69	<b>107.499</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.590</b>	-0.67	<b>101.590</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.320</b>	-0.66	<b>107.042</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.060</b>	-0.67	<b>106.425</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.920</b>	-0.67	<b>101.920</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.030</b>	-0.66	<b>108.222</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.270</b>	-0.66	<b>102.270</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.400</b>	-1.17	<b>113.381</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.550</b>	-0.66	<b>108.374</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.980</b>	-0.65	<b>110.576</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.570</b>	-0.65	<b>102.570</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.620</b>	-0.63	<b>134.305</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.160</b>	-0.63	<b>111.550</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.740</b>	-0.62	<b>102.740</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.610</b>	-0.62	<b>110.434</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.710</b>	-0.61	<b>108.008</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.980</b>	-0.60	<b>102.980</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.820</b>	-0.60	<b>106.217</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.200</b>	-0.58	<b>109.498</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.750</b>	-0.57	<b>107.147</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.300</b>	-1.29	<b>115.529</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.740</b>	-0.55	<b>103.740</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.740</b>	-0.53	<b>105.939</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.370</b>	-0.51	<b>157.052</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.960</b>	-0.51	<b>108.109</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.600</b>	-0.49	<b>155.716</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.270</b>	-0.49	<b>108.667</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.750</b>	-0.46	<b>147.710</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>106.220</b>	-0.45	<b>106.294</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>106.240</b>	-0.41	<b>106.463</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.720</b>	-0.38	<b>103.720</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.540</b>	-0.39	<b>174.225</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.550</b>	-1.25	<b>126.960</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>166.410</b>	-0.36	<b>171.413</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>174.210</b>	-0.24	<b>176.170</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>172.040</b>	-0.16	<b>175.678</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>186.100</b>	-0.10	<b>187.853</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>200.420</b>	-0.08	<b>202.380</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>174.260</b>	-0.03	<b>175.601</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>160.550</b>	0.03	<b>161.581</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>137.250</b>	-1.11	<b>146.145</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>164.330</b>	0.07	<b>165.075</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>132.470</b>	0.10	<b>132.842</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>96.090</b>	0.13	<b>96.090</b>

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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 29.11.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 29.11.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.017</b>	-0.56	<b>100.017</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.351</b>	-0.61	<b>103.307</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.170</b>	-0.61	<b>100.170</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>99.970</b>	1.82	<b>116.069</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.228</b>	-0.61	<b>100.228</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.320</b>	-0.60	<b>100.320</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.128</b>	-0.60	<b>103.366</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.185</b>	-0.62	<b>102.732</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.501</b>	-0.64	<b>100.501</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.758</b>	-0.61	<b>100.790</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.664</b>	-0.64	<b>100.664</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.552</b>	-0.73	<b>105.826</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.826</b>	-0.64	<b>100.826</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.867</b>	-0.64	<b>100.867</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.981</b>	-0.64	<b>100.981</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.225</b>	-0.64	<b>107.566</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.124</b>	-0.64	<b>105.671</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.137</b>	-0.64	<b>101.137</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.206</b>	-0.65	<b>101.206</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.303</b>	-0.64	<b>101.303</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.670</b>	-0.68	<b>107.489</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.580</b>	-0.66	<b>101.580</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.300</b>	-0.66	<b>107.022</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.050</b>	-0.67	<b>106.415</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.910</b>	-0.66	<b>101.910</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.020</b>	-0.66	<b>108.212</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.260</b>	-0.66	<b>102.260</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.450</b>	-1.19	<b>113.435</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.540</b>	-0.65	<b>108.364</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.960</b>	-0.65	<b>110.556</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.550</b>	-0.65	<b>102.550</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.590</b>	-0.63	<b>134.275</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.140</b>	-0.62	<b>111.530</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.730</b>	-0.62	<b>102.730</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.590</b>	-0.62	<b>110.414</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.700</b>	-0.61	<b>107.998</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.960</b>	-0.60	<b>102.960</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.790</b>	-0.59	<b>106.187</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.155</b>	-0.57	<b>109.453</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.710</b>	-0.56	<b>107.107</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.400</b>	-1.31	<b>115.635</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.700</b>	-0.54	<b>103.700</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.690</b>	-0.52	<b>105.889</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>154.270</b>	-0.50	<b>156.952</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.900</b>	-0.50	<b>108.049</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.500</b>	-0.48	<b>155.616</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.200</b>	-0.48	<b>108.597</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.650</b>	-0.45	<b>147.610</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>106.150</b>	-0.44	<b>106.224</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>106.175</b>	-0.41	<b>106.398</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>103.640</b>	-0.37	<b>103.640</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>168.400</b>	-0.38	<b>174.085</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.850</b>	-1.28	<b>127.278</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>166.265</b>	-0.35	<b>171.268</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>174.030</b>	-0.23	<b>175.990</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>171.800</b>	-0.15	<b>175.438</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>185.830</b>	-0.09	<b>187.583</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>200.140</b>	-0.07	<b>202.100</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>173.970</b>	-0.02	<b>175.311</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>160.250</b>	0.04	<b>161.281</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>138.150</b>	-1.13	<b>147.103</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>163.980</b>	0.08	<b>164.725</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>132.140</b>	0.11	<b>132.512</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>95.820</b>	0.14	<b>95.820</b>

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