



**Prices and yields
of listed Federal securities**
July 2020

Prices and yields of listed Federal securities as of 01.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 01.07.20	Yield	"Dirty price"
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 0	22.00	100.010	-0.64	103.002
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 2	16.00	100.490	-0.58	102.353
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 2	12.00	100.118	-0.62	100.118
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.244	-0.60	100.422
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 5	12.00	100.285	-0.65	100.285
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 6	19.00	101.647	-0.74	102.883
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 8	13.00	100.465	-0.67	100.465
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 9	21.00	100.488	-0.63	100.488
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 11	14.00	100.635	-0.67	100.635
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 0	19.00	103.926	-0.64	107.167
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 2	16.00	103.432	-0.66	105.295
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 2	13.00	100.790	-0.66	100.790
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 3	21.50	100.845	-0.66	100.845
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 5	15.50	100.993	-0.69	100.993
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 6	22.50	104.145	-0.73	105.134
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 8	14.00	101.160	-0.68	101.160
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 9	20.50	101.235	-0.69	101.235
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 11	10.00	101.360	-0.69	101.360
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 0	26.50	104.940	-0.69	106.685
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 2	20.50	104.872	-0.72	106.114
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 3	19.50	101.610	-0.70	101.610
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.890	-0.72	106.460
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	102.010	-0.71	102.010
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	101.890	-0.57	110.641
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.430	-0.71	106.631
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.580	-0.71	110.345
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.360	-0.71	102.360
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 6	12.75	124.680	-0.68	127.771
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	109.030	-0.70	109.695
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 9	23.50	102.660	-0.70	102.660
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.650	-0.70	108.851
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.090	-0.69	107.973
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	102.990	-0.68	102.990
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.610	-0.69	105.800
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 9	20.00	103.290	-0.68	103.290
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.770	-0.68	109.653
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.780	-0.68	106.970
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	106.870	-1.05	112.948
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.180	-0.67	104.180
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.110	-0.65	106.205
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 0	13.75	150.990	-0.61	157.472
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.230	-0.63	108.671
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.460	-0.59	104.460
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 6	17.00	147.660	-0.57	150.442
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.630	-0.60	108.820
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 0	13.75	143.580	-0.56	148.317
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.870	-0.57	107.091
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.040	-0.55	107.135
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.760	-0.51	104.760
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 6	11.75	165.890	-0.50	168.981
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.700	-0.48	104.700
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	17.35	116.950	-1.13	124.020
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.580	-0.44	104.580
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 6	21.50	164.010	-0.44	166.730
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 0	24.50	173.110	-0.34	177.847
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	103.600	-0.24	103.600
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 6	27.50	171.580	-0.24	173.558
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 0	18.50	185.870	-0.19	190.108
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 0	20.50	200.230	-0.17	204.967
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 0	19.50	175.350	-0.13	178.591
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 0	28.50	162.580	-0.08	165.073
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	135.660	-1.09	144.447
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	166.490	-0.03	168.696
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	135.170	0.00	136.273
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	99.340	0.02	99.340

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 (Bob), Bund: Federal bond (Bund)

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 02.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 02.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 2	16.00	100.467	-0.58	102.348
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 2	12.00	100.110	-0.60	100.110
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.235	-0.59	100.415
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 5	12.00	100.277	-0.64	100.277
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 6	19.00	101.630	-0.76	102.887
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 8	13.00	100.444	-0.65	100.444
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 9	21.00	100.478	-0.63	100.478
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 11	14.00	100.622	-0.66	100.622
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 0	19.00	103.889	-0.64	103.907
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 2	16.00	103.397	-0.65	105.278
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 2	13.00	100.770	-0.65	100.770
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 3	21.50	100.828	-0.65	100.828
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 5	15.50	100.970	-0.67	100.970
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 6	22.50	104.080	-0.70	105.085
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 8	14.00	101.117	-0.66	101.117
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 9	20.50	101.175	-0.66	101.175
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 11	10.00	101.305	-0.67	101.305
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 0	26.50	104.863	-0.66	104.873
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 2	20.50	104.783	-0.69	106.037
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 3	19.50	101.550	-0.68	101.550
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.810	-0.70	106.392
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	101.950	-0.69	101.950
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	101.900	-0.58	110.641
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.340	-0.69	106.554
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.490	-0.69	110.271
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.300	-0.69	102.300
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 6	12.75	124.550	-0.66	127.692
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	108.920	-0.68	109.599
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 9	23.50	102.580	-0.68	102.580
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.550	-0.68	108.764
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.000	-0.67	107.891
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	102.900	-0.67	102.900
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.490	-0.67	105.684
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 9	20.00	103.170	-0.65	103.170
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.630	-0.66	109.521
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.530	-0.64	106.724
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	106.790	-1.03	112.852
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	103.900	-0.62	103.900
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	105.820	-0.61	105.917
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 0	13.75	150.570	-0.57	150.606
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	107.910	-0.59	108.355
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.140	-0.55	104.140
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 6	17.00	147.220	-0.53	150.048
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.280	-0.56	108.474
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 0	13.75	143.120	-0.52	143.146
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.540	-0.54	106.763
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	106.690	-0.51	106.787
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.430	-0.47	104.430
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 6	11.75	165.380	-0.47	168.522
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.360	-0.44	104.360
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	17.35	116.770	-1.11	123.819
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.220	-0.41	104.220
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 6	21.50	163.390	-0.40	166.155
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 0	24.50	172.420	-0.31	172.446
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	103.070	-0.20	103.070
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 6	27.50	170.850	-0.21	172.861
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 0	18.50	184.970	-0.15	184.993
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 0	20.50	199.320	-0.14	199.346
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 0	19.50	174.450	-0.10	174.468
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 0	28.50	161.720	-0.05	161.734
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	135.750	-1.09	144.527
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	165.710	-0.01	167.937
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	134.370	0.02	135.483
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	98.680	0.04	98.680

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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 03.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 03.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 2	16.00	100.460	-0.54	102.341
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 2	12.00	100.112	-0.61	100.112
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.236	-0.59	100.416
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 5	12.00	100.278	-0.64	100.278
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 6	19.00	101.627	-0.75	102.884
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 8	13.00	100.448	-0.65	100.448
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 9	21.00	100.485	-0.64	100.485
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 11	14.00	100.625	-0.67	100.625
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 0	19.00	103.886	-0.63	103.904
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 2	16.00	103.398	-0.65	105.279
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 2	13.00	100.780	-0.66	100.780
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 3	21.50	100.840	-0.66	100.840
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 5	15.50	100.987	-0.68	100.987
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 6	22.50	104.106	-0.72	105.111
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 8	14.00	101.150	-0.68	101.150
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 9	20.50	101.200	-0.68	101.200
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 11	10.00	101.345	-0.69	101.345
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 0	26.50	104.908	-0.69	104.918
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 2	20.50	104.830	-0.71	106.084
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 3	19.50	101.600	-0.70	101.600
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.870	-0.72	106.452
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	102.020	-0.72	102.020
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	101.990	-0.61	110.739
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.410	-0.71	106.624
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.580	-0.72	110.361
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.400	-0.72	102.400
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 6	12.75	124.640	-0.69	127.782
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	109.060	-0.72	109.739
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 9	23.50	102.700	-0.71	102.700
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.690	-0.71	108.904
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.140	-0.71	108.031
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	103.040	-0.70	103.040
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.670	-0.71	105.864
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 9	20.00	103.350	-0.69	103.350
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.830	-0.69	109.721
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.770	-0.68	106.964
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	107.020	-1.07	113.095
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.170	-0.67	104.170
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.100	-0.65	106.197
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 0	13.75	150.920	-0.60	150.956
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.220	-0.63	108.665
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.470	-0.59	104.470
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 6	17.00	147.650	-0.58	150.478
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.610	-0.60	108.804
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 0	13.75	143.530	-0.56	143.556
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.890	-0.58	107.113
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.060	-0.55	107.157
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.800	-0.51	104.800
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 6	11.75	165.860	-0.50	169.002
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.740	-0.48	104.740
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	17.35	117.190	-1.15	124.264
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.610	-0.44	104.610
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 6	21.50	163.910	-0.44	166.675
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 0	24.50	173.150	-0.34	173.176
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	103.630	-0.24	103.630
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 6	27.50	171.690	-0.25	173.701
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 0	18.50	185.990	-0.19	186.013
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 0	20.50	200.520	-0.18	200.546
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 0	19.50	175.640	-0.14	175.658
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 0	28.50	162.980	-0.09	162.994
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	137.170	-1.13	146.039
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	167.110	-0.05	169.337
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	135.710	-0.02	136.823
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	99.910	0.00	99.910

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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 06.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 06.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.450	-0.58	102.343
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 2	12.00	100.110	-0.62	100.110
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.233	-0.60	100.415
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 5	12.00	100.280	-0.66	100.280
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.620	-0.77	102.890
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 8	13.00	100.440	-0.65	100.440
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 9	21.00	100.482	-0.64	100.482
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 11	14.00	100.628	-0.67	100.628
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.875	-0.64	103.911
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.390	-0.65	105.283
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 2	13.00	100.778	-0.66	100.778
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 3	21.50	100.838	-0.66	100.838
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 5	15.50	100.980	-0.68	100.980
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	104.100	-0.72	105.116
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 8	14.00	101.155	-0.68	101.155
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 9	20.50	101.210	-0.68	101.210
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 11	10.00	101.350	-0.69	101.350
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.912	-0.69	104.931
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.840	-0.72	106.102
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 3	19.50	101.620	-0.71	101.620
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.880	-0.73	106.470
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	102.040	-0.73	102.040
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	102.000	-0.61	110.742
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.420	-0.72	106.642
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.570	-0.72	110.362
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.390	-0.72	102.390
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.620	-0.69	127.796
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	109.040	-0.71	109.729
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.690	-0.71	102.690
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.670	-0.71	108.892
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.120	-0.70	108.016
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	103.030	-0.70	103.030
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.640	-0.70	105.837
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 9	20.00	103.330	-0.69	103.330
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.790	-0.69	109.686
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.760	-0.68	106.957
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	107.050	-1.08	113.119
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.140	-0.66	104.140
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.080	-0.65	106.178
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.880	-0.61	150.951
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.190	-0.62	108.638
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.440	-0.59	104.440
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.620	-0.58	150.479
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.590	-0.60	108.787
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.490	-0.56	143.542
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.840	-0.57	107.064
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.000	-0.54	107.098
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.750	-0.51	104.750
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.770	-0.50	168.946
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.680	-0.47	104.680
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	17.35	117.200	-1.15	124.268
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.540	-0.44	104.540
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	163.800	-0.43	166.595
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	172.840	-0.33	172.892
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	103.350	-0.22	103.350
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	171.270	-0.23	173.303
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	185.500	-0.17	185.547
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	199.940	-0.16	199.992
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	175.110	-0.12	175.146
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	162.390	-0.08	162.417
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	136.800	-1.12	145.634
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	166.440	-0.03	168.680
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	135.040	0.00	136.160
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	99.330	0.02	99.330

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Prices and yields of listed Federal securities as of 07.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 07.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.445	-0.59	102.345
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 2	12.00	100.105	-0.60	100.105
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.230	-0.60	100.412
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 5	12.00	100.273	-0.64	100.273
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.605	-0.76	102.882
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 8	13.00	100.428	-0.63	100.428
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 9	21.00	100.476	-0.63	100.476
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 11	14.00	100.613	-0.66	100.613
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.858	-0.64	103.903
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.387	-0.66	105.287
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 2	13.00	100.773	-0.65	100.773
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 3	21.50	100.840	-0.67	100.840
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 5	15.50	100.970	-0.68	100.970
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	104.085	-0.72	105.107
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 8	14.00	101.145	-0.68	101.145
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 9	20.50	101.196	-0.68	101.196
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 11	10.00	101.340	-0.69	101.340
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.897	-0.69	104.921
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.832	-0.72	106.098
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 3	19.50	101.600	-0.70	101.600
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.850	-0.72	106.444
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	102.030	-0.72	102.030
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	101.990	-0.61	110.727
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.410	-0.72	106.636
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.550	-0.72	110.348
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.380	-0.72	102.380
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.580	-0.69	127.773
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	109.020	-0.71	109.713
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.680	-0.70	102.680
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.630	-0.70	108.856
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.090	-0.70	107.989
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	103.000	-0.69	103.000
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.600	-0.69	105.798
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 9	20.00	103.290	-0.68	103.290
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.750	-0.68	109.649
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.750	-0.68	106.948
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	106.950	-1.06	113.010
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.140	-0.66	104.140
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.090	-0.65	106.189
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.900	-0.61	150.989
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.200	-0.63	108.649
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.470	-0.59	104.470
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.680	-0.58	150.554
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.620	-0.60	108.818
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.520	-0.56	143.585
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.880	-0.58	107.105
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.050	-0.55	107.149
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.800	-0.51	104.800
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.840	-0.51	169.033
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.740	-0.48	104.740
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	18.10	117.050	-1.14	124.106
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.610	-0.45	104.610
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	163.910	-0.44	166.720
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.000	-0.34	173.065
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	103.500	-0.23	103.500
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	171.490	-0.24	173.534
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	185.780	-0.18	185.838
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	200.240	-0.17	200.305
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	175.440	-0.13	175.485
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	162.780	-0.09	162.814
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	136.750	-1.12	145.576
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	166.870	-0.05	169.117
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	135.510	-0.01	136.634
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	99.730	0.01	99.730

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Prices and yields of listed Federal securities as of 08.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 08.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.440	-0.61	102.346
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 2	12.00	100.106	-0.62	100.106
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.228	-0.60	100.411
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 5	12.00	100.268	-0.64	100.268
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.590	-0.75	102.874
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 8	13.00	100.430	-0.64	100.430
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 9	21.00	100.465	-0.62	100.465
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 11	14.00	100.616	-0.67	100.616
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.850	-0.64	103.903
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.378	-0.66	105.284
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 2	13.00	100.770	-0.65	100.770
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 3	21.50	100.830	-0.66	100.830
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 5	15.50	100.966	-0.68	100.966
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	104.072	-0.71	105.099
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 8	14.00	101.140	-0.68	101.140
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 9	20.50	101.188	-0.67	101.188
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 11	10.00	101.330	-0.69	101.330
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.886	-0.69	104.915
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.830	-0.72	106.100
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.580	-0.70	101.580
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.840	-0.72	106.438
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	102.020	-0.72	102.020
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	102.000	-0.62	110.734
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.400	-0.72	106.630
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.540	-0.72	110.343
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.390	-0.72	102.390
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.550	-0.68	127.760
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	109.000	-0.71	109.698
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.670	-0.70	102.670
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.620	-0.70	108.850
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.080	-0.70	107.982
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	102.980	-0.68	102.980
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.590	-0.69	105.789
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 9	20.00	103.275	-0.68	103.275
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.740	-0.68	109.642
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 3	5.00	103.510	-0.65	103.510
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.730	-0.67	106.929
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	106.960	-1.06	113.016
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.140	-0.66	104.140
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.090	-0.65	106.190
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.900	-0.61	151.007
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.210	-0.63	108.661
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.500	-0.60	104.500
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.760	-0.59	150.649
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.640	-0.61	108.839
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.630	-0.57	143.708
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.910	-0.58	107.135
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.100	-0.55	107.200
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.870	-0.52	104.870
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.000	-0.52	169.210
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.810	-0.49	104.810
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	18.10	117.250	-1.16	124.315
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.690	-0.45	104.690
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.210	-0.46	167.035
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.280	-0.35	173.358
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	103.730	-0.25	103.730
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	171.900	-0.26	173.955
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	186.370	-0.21	186.440
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	200.890	-0.20	200.968
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	176.090	-0.15	176.143
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	163.500	-0.11	163.541
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	137.500	-1.14	146.370
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	167.730	-0.07	169.984
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	136.330	-0.04	137.457
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	100.360	-0.01	100.360

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3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 09.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 09.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.415	-0.60	102.339
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 2	12.00	100.100	-0.61	100.100
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.224	-0.61	100.409
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 5	12.00	100.266	-0.64	100.266
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.560	-0.74	102.865
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 8	13.00	100.420	-0.63	100.420
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 9	21.00	100.467	-0.63	100.467
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 11	14.00	100.608	-0.66	100.608
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.820	-0.64	103.900
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.352	-0.66	105.276
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 2	13.00	100.761	-0.65	100.761
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.825	-0.66	100.825
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 5	15.50	100.952	-0.67	100.952
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	104.043	-0.71	105.087
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 8	14.00	101.122	-0.67	101.122
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.175	-0.67	101.175
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 11	10.00	101.315	-0.68	101.315
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.850	-0.68	104.893
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.793	-0.71	106.076
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.570	-0.69	101.570
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.810	-0.71	106.421
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	101.980	-0.71	101.980
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	102.010	-0.62	110.734
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.360	-0.71	106.602
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.500	-0.71	110.320
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.336	-0.71	102.336
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.490	-0.68	127.752
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	108.970	-0.71	109.682
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.660	-0.70	102.660
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.600	-0.70	108.842
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.050	-0.69	107.960
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	102.970	-0.68	102.970
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.580	-0.69	105.784
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 9	20.00	103.280	-0.68	103.280
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.730	-0.68	109.640
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 3	5.00	103.500	-0.65	103.500
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.680	-0.67	106.884
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	107.050	-1.08	113.099
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.090	-0.66	104.090
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.020	-0.64	106.122
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.820	-0.61	150.980
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.150	-0.62	108.605
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.430	-0.59	104.430
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.650	-0.59	150.585
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.560	-0.60	108.764
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.540	-0.57	143.657
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.830	-0.57	107.057
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.030	-0.55	107.132
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.780	-0.51	104.780
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.850	-0.51	169.112
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.720	-0.48	104.720
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	18.10	117.350	-1.17	124.411
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.590	-0.44	104.590
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.000	-0.45	166.870
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.160	-0.35	173.277
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	103.620	-0.24	103.620
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	171.770	-0.26	173.857
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	186.300	-0.21	186.405
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	200.900	-0.20	201.017
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	176.070	-0.15	176.150
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	163.400	-0.11	163.462
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	138.150	-1.16	147.047
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	167.640	-0.07	169.915
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	136.250	-0.03	137.387
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	100.370	-0.01	100.370

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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 10.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 10.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.407	-0.55	102.331
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 2	12.00	100.098	-0.60	100.098
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.220	-0.60	100.405
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 5	12.00	100.271	-0.66	100.271
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.555	-0.73	102.860
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 8	13.00	100.426	-0.64	100.426
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.465	-0.63	100.465
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 11	14.00	100.617	-0.67	100.617
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.821	-0.64	103.901
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.363	-0.67	105.287
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 2	13.00	100.780	-0.67	100.780
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.830	-0.67	100.830
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 5	15.50	100.972	-0.68	100.972
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	104.058	-0.72	105.102
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 8	14.00	101.146	-0.68	101.146
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.205	-0.69	101.205
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 11	10.00	101.347	-0.70	101.347
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.894	-0.70	104.937
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.833	-0.73	106.116
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.650	-0.73	101.650
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.880	-0.74	106.491
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	102.070	-0.74	102.070
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	101.980	-0.61	110.701
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.440	-0.74	106.682
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.590	-0.74	110.410
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.460	-0.74	102.460
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.570	-0.70	127.832
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	109.080	-0.73	109.792
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.770	-0.73	102.770
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.710	-0.73	108.952
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.180	-0.72	108.090
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	103.110	-0.72	103.110
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.720	-0.72	105.924
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 9	20.00	103.420	-0.71	103.420
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.890	-0.71	109.800
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 3	5.00	103.680	-0.69	103.680
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.850	-0.70	107.054
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	107.040	-1.08	113.089
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.290	-0.69	104.290
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.250	-0.67	106.352
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	151.130	-0.64	151.290
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.400	-0.65	108.855
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.700	-0.62	104.700
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.980	-0.62	150.915
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.850	-0.63	109.054
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.920	-0.61	144.037
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	107.160	-0.61	107.387
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.380	-0.58	107.482
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	105.180	-0.55	105.180
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.410	-0.55	169.672
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	105.140	-0.52	105.140
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	18.10	117.100	-1.15	124.146
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	105.040	-0.49	105.040
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.670	-0.50	167.540
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	174.240	-0.40	174.357
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	104.530	-0.30	104.530
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	173.240	-0.32	175.327
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	188.250	-0.27	188.355
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	203.020	-0.27	203.137
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	178.310	-0.22	178.390
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	165.780	-0.18	165.842
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	139.650	-1.20	148.643
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	170.330	-0.14	172.605
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	138.850	-0.11	139.987
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	102.750	-0.09	102.750

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Prices and yields of listed Federal securities as of 13.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 13.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.400	-0.61	102.336
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.097	-0.61	100.097
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.218	-0.61	100.404
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.270	-0.66	100.270
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.545	-0.75	102.863
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.420	-0.64	100.420
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.462	-0.63	100.462
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.610	-0.67	100.610
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.805	-0.65	103.903
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.347	-0.67	105.283
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.770	-0.66	100.770
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.824	-0.66	100.824
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.960	-0.68	100.960
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	104.042	-0.72	105.097
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.133	-0.68	101.133
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.190	-0.68	101.190
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	10.00	101.332	-0.69	101.332
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.875	-0.70	104.928
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.803	-0.72	106.094
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.600	-0.71	101.600
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.830	-0.72	106.449
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	102.020	-0.73	102.020
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	102.000	-0.62	110.715
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.380	-0.72	106.631
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.530	-0.72	110.361
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 3	18.50	102.400	-0.73	102.400
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.500	-0.69	127.796
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	109.000	-0.72	109.722
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.710	-0.72	102.710
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.640	-0.72	108.891
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.110	-0.71	108.025
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	103.050	-0.70	103.050
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.650	-0.71	105.856
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.360	-0.69	103.360
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.800	-0.69	109.715
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.600	-0.67	103.600
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.770	-0.68	106.976
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	106.900	-1.06	112.933
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.180	-0.67	104.180
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.120	-0.66	106.223
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.940	-0.63	151.136
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.260	-0.64	108.718
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.550	-0.60	104.550
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.780	-0.61	150.746
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.700	-0.62	108.906
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.700	-0.59	143.843
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.980	-0.59	107.209
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.180	-0.56	107.283
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.940	-0.53	104.940
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.070	-0.53	169.366
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.890	-0.50	104.890
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	18.10	116.950	-1.13	123.982
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.760	-0.46	104.760
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.280	-0.47	167.180
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.550	-0.37	173.693
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	104.010	-0.26	104.010
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	172.330	-0.28	174.439
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	187.100	-0.23	187.228
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	201.750	-0.23	201.893
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	176.840	-0.18	176.938
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	164.130	-0.13	164.205
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	137.950	-1.16	146.823
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	168.340	-0.09	170.628
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	136.910	-0.05	138.054
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	100.960	-0.03	100.960

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3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 14.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 14.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.392	-0.61	102.335
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.100	-0.64	100.100
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.213	-0.59	100.400
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.263	-0.65	100.263
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.530	-0.73	102.855
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.415	-0.63	100.415
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.452	-0.62	100.452
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.590	-0.65	100.590
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.795	-0.65	103.902
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.333	-0.66	105.276
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.755	-0.65	100.755
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.800	-0.65	100.800
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.940	-0.67	100.940
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	104.004	-0.70	105.064
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.085	-0.65	101.085
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.150	-0.66	101.150
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	10.00	101.275	-0.66	101.275
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.806	-0.67	104.864
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.732	-0.69	106.027
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.510	-0.67	101.510
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.740	-0.69	106.363
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 9	18.50	101.930	-0.69	101.930
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	101.980	-0.61	110.690
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.270	-0.69	106.525
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.400	-0.69	110.236
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.260	-0.69	102.260
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.320	-0.65	127.633
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	108.860	-0.68	109.587
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.560	-0.68	102.560
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.470	-0.68	108.725
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	106.930	-0.67	107.848
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	102.870	-0.66	102.870
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.450	-0.67	105.658
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.145	-0.65	103.145
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.570	-0.65	109.488
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.370	-0.63	103.370
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.560	-0.65	106.768
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	106.750	-1.03	112.772
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	103.970	-0.64	103.970
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	105.890	-0.62	105.994
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.640	-0.60	150.854
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.020	-0.60	108.479
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.320	-0.58	104.320
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.470	-0.58	150.452
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.440	-0.58	108.648
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.370	-0.56	143.526
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.710	-0.56	106.940
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	106.900	-0.53	107.004
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.650	-0.50	104.650
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.660	-0.50	168.973
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.580	-0.47	104.580
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	18.10	116.800	-1.12	123.820
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	5.00	104.450	-0.43	104.450
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	163.840	-0.44	166.755
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.060	-0.35	173.216
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	103.660	-0.24	103.660
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	171.870	-0.26	173.990
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	186.500	-0.21	186.640
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	201.140	-0.21	201.296
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	176.280	-0.16	176.387
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	163.510	-0.11	163.592
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	137.800	-1.15	146.658
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	167.680	-0.07	169.975
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	136.280	-0.04	137.428
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	100.410	-0.01	100.410

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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 15.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 15.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.382	-0.59	102.331
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.090	-0.59	100.090
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.215	-0.61	100.403
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.264	-0.66	100.264
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.528	-0.75	102.860
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.410	-0.63	100.410
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.453	-0.62	100.453
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.595	-0.66	100.595
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.777	-0.64	103.893
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.322	-0.66	105.271
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.757	-0.65	100.757
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.806	-0.65	100.806
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.938	-0.67	100.938
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	104.005	-0.70	105.071
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.100	-0.66	101.100
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.158	-0.66	101.158
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	10.00	101.293	-0.67	101.293
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.820	-0.68	104.882
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.742	-0.70	106.041
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.540	-0.68	101.540
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 7	20.50	105.770	-0.71	106.397
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	101.970	-0.71	101.970
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 9	16.50	102.100	-0.66	110.816
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 10	22.50	106.310	-0.70	106.569
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 1	22.50	108.450	-0.70	110.292
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.330	-0.71	102.330
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.380	-0.67	127.710
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 7	22.50	108.930	-0.70	109.662
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.650	-0.70	102.650
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 10	22.50	108.560	-0.70	108.819
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 1	22.50	107.040	-0.70	107.961
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	102.980	-0.69	102.980
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 7	27.50	105.580	-0.69	105.789
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.290	-0.68	103.290
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 1	27.50	108.720	-0.68	109.641
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.530	-0.66	103.530
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 7	30.50	106.720	-0.68	106.929
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 9	16.55	107.200	-1.11	113.243
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 1	29.50	104.140	-0.67	104.140
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 7	30.50	106.080	-0.65	106.185
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.870	-0.62	151.102
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 1	29.50	108.230	-0.63	108.690
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 4	10.00	104.510	-0.60	104.510
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.730	-0.60	150.727
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 7	25.50	108.680	-0.61	108.889
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.660	-0.59	143.829
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 1	25.50	106.970	-0.59	107.200
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 7	26.50	107.180	-0.56	107.285
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 1	26.50	104.950	-0.53	104.950
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.070	-0.53	169.400
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 7	25.00	104.900	-0.50	104.900
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 9	18.10	117.600	-1.19	124.664
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 1	10.00	104.780	-0.46	104.780
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.310	-0.48	167.240
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.870	-0.39	174.039
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 10	10.00	104.340	-0.29	104.340
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	172.780	-0.30	174.911
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	187.610	-0.25	187.761
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	202.180	-0.24	202.349
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	177.460	-0.20	177.576
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	164.660	-0.15	164.749
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 9	9.30	139.950	-1.21	148.941
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 1	30.50	168.920	-0.11	171.222
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 1	22.50	137.480	-0.07	138.631
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 1	14.00	101.480	-0.05	101.480

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Prices and yields of listed Federal securities as of 16.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 16.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.358	-0.58	102.325
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.085	-0.59	100.085
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 3	19.00	100.203	-0.59	100.393
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.255	-0.65	100.255
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.503	-0.75	102.855
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.407	-0.63	100.407
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.448	-0.62	100.448
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.597	-0.66	100.597
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.751	-0.65	103.893
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.306	-0.67	105.273
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.750	-0.65	100.750
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.792	-0.65	100.792
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.934	-0.67	100.934
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.980	-0.70	105.062
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.090	-0.66	101.090
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.160	-0.67	101.160
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	10.00	101.285	-0.67	101.285
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.802	-0.68	104.879
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.726	-0.70	106.037
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.530	-0.68	101.530
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.750	-0.71	106.389
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	101.960	-0.71	101.960
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.200	-0.69	110.913
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.280	-0.70	106.551
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.420	-0.70	110.278
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.310	-0.70	102.310
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.310	-0.67	127.691
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.900	-0.70	109.646
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.620	-0.69	102.620
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.520	-0.69	108.791
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	106.990	-0.69	107.919
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	102.940	-0.68	102.940
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.530	-0.69	105.743
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.230	-0.67	103.230
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.650	-0.67	109.579
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.450	-0.65	103.450
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.660	-0.67	106.873
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.210	-1.11	113.242
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.070	-0.65	104.070
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	105.990	-0.64	106.097
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.730	-0.62	151.015
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.130	-0.62	108.594
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	10.00	104.420	-0.59	104.420
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.560	-0.59	150.603
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.570	-0.60	108.783
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.490	-0.58	143.698
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	106.850	-0.58	107.082
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.050	-0.55	107.157
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	104.810	-0.52	104.810
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.830	-0.52	169.211
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	104.750	-0.48	104.750
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	117.500	-1.18	124.548
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	104.630	-0.45	104.630
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.040	-0.46	167.015
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.460	-0.37	173.668
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	104.060	-0.27	104.060
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	172.330	-0.29	174.494
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	187.040	-0.23	187.226
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	201.600	-0.22	201.808
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	176.710	-0.17	176.852
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	163.850	-0.12	163.960
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	138.900	-1.18	147.808
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	167.950	-0.08	170.272
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	22.50	136.560	-0.04	137.721
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	100.650	-0.02	100.650

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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 17.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 17.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.352	-0.54	102.319
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.087	-0.60	100.087
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.202	-0.59	100.392
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.258	-0.65	100.258
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.506	-0.76	102.858
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.410	-0.63	100.410
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.450	-0.62	100.450
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.596	-0.66	100.596
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.747	-0.64	103.889
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.305	-0.66	105.272
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.754	-0.66	100.754
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.805	-0.66	100.805
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.945	-0.67	100.945
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.990	-0.71	105.072
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.110	-0.67	101.110
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.185	-0.68	101.185
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	10.00	101.310	-0.69	101.310
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.824	-0.69	104.901
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.752	-0.71	106.063
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.570	-0.70	101.570
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.790	-0.72	106.429
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	102.000	-0.72	102.000
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.250	-0.71	110.968
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.320	-0.71	106.591
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.470	-0.72	110.328
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.360	-0.72	102.360
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.370	-0.69	127.751
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.950	-0.71	109.696
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.690	-0.71	102.690
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.590	-0.71	108.861
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.060	-0.70	107.989
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 3	22.50	103.020	-0.70	103.020
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.630	-0.71	105.843
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.340	-0.69	103.340
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.760	-0.69	109.689
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.560	-0.67	103.560
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.750	-0.68	106.963
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.350	-1.13	113.389
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.160	-0.67	104.160
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.080	-0.65	106.187
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.840	-0.63	151.125
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.220	-0.63	108.684
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	10.00	104.520	-0.60	104.520
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.670	-0.60	150.713
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.660	-0.61	108.873
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.610	-0.59	143.818
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	106.950	-0.59	107.182
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.160	-0.56	107.267
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	104.910	-0.53	104.910
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.990	-0.53	169.371
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	104.860	-0.49	104.860
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	117.650	-1.20	124.707
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	104.790	-0.46	104.790
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.250	-0.48	167.225
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.550	-0.37	173.758
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	104.100	-0.27	104.100
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	172.410	-0.29	174.574
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	187.130	-0.24	187.316
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	201.610	-0.22	201.818
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	176.800	-0.18	176.942
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	163.890	-0.13	164.000
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	138.800	-1.18	147.701
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	167.890	-0.08	170.212
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	22.50	136.450	-0.04	137.611
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	100.600	-0.02	100.600

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

Prices and yields of listed Federal securities as of 20.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 20.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.343	-0.59	102.323
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.083	-0.60	100.083
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.198	-0.59	100.389
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.252	-0.65	100.252
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.496	-0.78	102.862
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.405	-0.63	100.405
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.445	-0.62	100.445
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.590	-0.66	100.590
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.726	-0.64	103.886
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.284	-0.66	105.264
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.745	-0.65	100.745
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.795	-0.65	100.795
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.932	-0.67	100.932
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.970	-0.71	105.063
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.083	-0.66	101.083
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.143	-0.66	101.143
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	10.00	101.275	-0.67	101.275
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.797	-0.68	104.883
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.700	-0.69	106.020
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.520	-0.68	101.520
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.720	-0.70	106.368
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	101.920	-0.69	101.920
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.200	-0.69	110.906
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.200	-0.67	106.479
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.380	-0.69	110.249
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.280	-0.70	102.280
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.290	-0.68	127.705
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.850	-0.69	109.605
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.600	-0.69	102.600
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.480	-0.69	108.759
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	106.950	-0.68	107.884
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	102.910	-0.67	102.910
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.500	-0.68	105.716
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.200	-0.67	103.200
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.600	-0.66	109.534
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.410	-0.64	103.410
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.610	-0.66	106.826
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.200	-1.11	113.223
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.020	-0.65	104.020
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	105.920	-0.63	106.028
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.600	-0.61	150.921
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.040	-0.61	108.507
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	10.00	104.310	-0.58	104.310
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.410	-0.58	150.484
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.450	-0.59	108.666
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.340	-0.56	143.574
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	106.730	-0.56	106.964
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	106.930	-0.54	107.038
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	104.690	-0.50	104.690
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.700	-0.51	169.115
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	104.640	-0.47	104.640
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	117.650	-1.20	124.701
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	104.550	-0.44	104.550
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	163.890	-0.45	166.895
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.220	-0.36	173.454
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	103.750	-0.25	103.750
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	171.960	-0.27	174.146
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	186.740	-0.23	186.950
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	201.090	-0.21	201.324
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	176.300	-0.16	176.460
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	163.400	-0.11	163.523
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	138.650	-1.18	147.531
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	167.250	-0.06	169.586
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	22.50	135.760	-0.02	136.928
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	99.990	0.00	99.990

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Prices and yields of listed Federal securities as of 21.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 21.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.335	-0.59	102.321
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.085	-0.62	100.085
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.199	-0.60	100.391
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.254	-0.66	100.254
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.490	-0.78	102.863
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.403	-0.63	100.403
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.446	-0.62	100.446
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.592	-0.67	100.592
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.723	-0.65	103.892
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.287	-0.67	105.273
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.747	-0.65	100.747
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.800	-0.66	100.800
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.930	-0.67	100.930
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.965	-0.71	105.063
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.085	-0.66	101.085
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.150	-0.67	101.150
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.277	-0.67	101.277
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.786	-0.68	104.877
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.705	-0.70	106.029
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.532	-0.69	101.532
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.733	-0.71	106.385
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	101.950	-0.71	101.950
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.300	-0.73	111.011
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.300	-0.71	106.584
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.420	-0.71	110.294
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.320	-0.71	102.320
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.290	-0.68	127.722
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.910	-0.71	109.670
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.650	-0.70	102.650
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.530	-0.70	108.814
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.030	-0.70	107.967
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	102.990	-0.69	102.990
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.590	-0.70	105.807
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.320	-0.69	103.320
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.730	-0.69	109.667
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.550	-0.67	103.550
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.710	-0.68	106.927
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.550	-1.17	113.589
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.130	-0.67	104.130
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.065	-0.65	106.174
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.810	-0.63	151.148
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.180	-0.63	108.649
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	10.00	104.480	-0.60	104.480
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.610	-0.60	150.699
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.610	-0.61	108.827
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.550	-0.59	143.797
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	106.910	-0.58	107.144
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.110	-0.56	107.219
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	104.890	-0.53	104.890
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.940	-0.53	169.372
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	104.850	-0.49	104.850
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	118.150	-1.24	125.227
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	104.760	-0.46	104.760
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.190	-0.48	167.210
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.770	-0.39	174.017
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	104.170	-0.28	104.170
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	172.650	-0.30	174.847
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	187.560	-0.25	187.781
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	201.960	-0.24	202.207
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	177.170	-0.19	177.339
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	164.310	-0.14	164.440
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	140.150	-1.22	149.123
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	168.240	-0.09	170.583
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	22.50	136.700	-0.05	137.871
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	100.870	-0.03	100.870

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2) BSA: Federal Treasury note (Schatz), BO: Five-year Federal note (Bob), 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 22.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 22.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.327	-0.59	102.319
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.078	-0.58	100.078
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.200	-0.62	100.393
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.257	-0.67	100.257
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.484	-0.79	102.864
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.405	-0.64	100.405
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.447	-0.63	100.447
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.597	-0.67	100.597
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.720	-0.66	103.898
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.285	-0.68	105.277
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.755	-0.66	100.755
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.813	-0.67	100.813
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.940	-0.68	100.940
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.980	-0.72	105.084
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.105	-0.67	101.105
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.177	-0.68	101.177
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.305	-0.69	101.305
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.810	-0.70	104.906
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.740	-0.72	106.068
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.580	-0.71	101.580
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.770	-0.72	106.426
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	102.000	-0.72	102.000
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.450	-0.79	111.170
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.310	-0.72	106.598
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.450	-0.72	110.330
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.400	-0.73	102.400
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.380	-0.71	127.829
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.970	-0.73	109.735
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.710	-0.72	102.710
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.600	-0.72	108.888
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.080	-0.71	108.020
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	103.040	-0.70	103.040
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.640	-0.71	105.859
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.370	-0.70	103.370
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.790	-0.70	109.730
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.610	-0.68	103.610
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.790	-0.69	107.009
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.850	-1.22	113.901
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.220	-0.68	104.220
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.150	-0.66	106.259
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.910	-0.64	151.266
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.281	-0.64	108.751
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	10.00	104.580	-0.61	104.580
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.740	-0.62	150.845
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.720	-0.62	108.939
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.680	-0.60	143.940
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	107.028	-0.60	107.263
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.250	-0.57	107.359
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	105.030	-0.54	105.030
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.150	-0.55	169.599
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	105.010	-0.51	105.010
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	118.300	-1.26	125.383
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	104.920	-0.48	104.920
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.370	-0.49	167.406
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	174.060	-0.40	174.320
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	104.450	-0.29	104.450
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	173.030	-0.32	175.238
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	188.040	-0.27	188.273
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	202.490	-0.25	202.750
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	177.680	-0.21	177.858
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	164.900	-0.16	165.037
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	140.400	-1.23	149.384
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	168.900	-0.11	171.250
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	137.420	-0.07	138.595
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	101.380	-0.05	101.380

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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 23.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 23.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.305	-0.60	102.315
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.073	-0.58	100.073
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.187	-0.59	100.382
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.247	-0.66	100.247
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.460	-0.80	102.860
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.407	-0.65	100.407
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.450	-0.64	100.450
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.600	-0.68	100.600
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.696	-0.67	103.901
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.270	-0.68	105.280
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.757	-0.67	100.757
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.812	-0.67	100.812
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.942	-0.68	100.942
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.968	-0.73	105.088
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.113	-0.68	101.113
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.182	-0.69	101.182
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.311	-0.69	101.311
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.806	-0.71	104.916
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.738	-0.72	106.078
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.600	-0.72	101.600
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.780	-0.73	106.448
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	102.010	-0.73	102.010
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.500	-0.81	111.212
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.320	-0.73	106.620
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.470	-0.73	110.366
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.410	-0.74	102.410
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.370	-0.72	127.871
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.980	-0.73	109.759
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.740	-0.73	102.740
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.620	-0.73	108.920
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.130	-0.73	108.078
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	103.080	-0.72	103.080
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.710	-0.73	105.933
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.420	-0.71	103.420
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.860	-0.72	109.808
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.690	-0.69	103.690
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.860	-0.71	107.083
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.970	-1.24	114.017
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.295	-0.69	104.295
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.240	-0.68	106.351
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.980	-0.66	151.390
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.380	-0.66	108.854
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	10.00	104.680	-0.62	104.680
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.830	-0.63	150.981
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.830	-0.64	109.053
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.800	-0.62	144.099
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	107.140	-0.61	107.377
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.370	-0.59	107.481
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	105.170	-0.56	105.170
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.380	-0.57	169.881
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	105.160	-0.53	105.160
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	118.460	-1.27	125.543
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	105.070	-0.49	105.070
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.630	-0.51	167.711
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	174.360	-0.42	174.659
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	104.710	-0.31	104.710
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	173.440	-0.34	175.680
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	188.580	-0.29	188.848
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	203.080	-0.27	203.379
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	178.330	-0.23	178.535
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	165.600	-0.18	165.758
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	141.200	-1.25	150.219
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	169.530	-0.12	171.900
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	138.010	-0.09	139.195
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	102.000	-0.07	102.000

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2) BSA: Federal Treasury note (Schatz), BO: Five-year Federal note (Bob), 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 24.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 24.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.295	-0.51	102.305
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.070	-0.56	100.070
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.190	-0.61	100.385
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.245	-0.65	100.245
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.450	-0.77	102.850
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.400	-0.64	100.400
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.436	-0.62	100.436
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.590	-0.67	100.590
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.675	-0.65	103.880
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.250	-0.67	105.260
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.740	-0.65	100.740
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.792	-0.66	100.792
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.922	-0.67	100.922
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.928	-0.70	105.048
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.074	-0.66	101.074
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.140	-0.67	101.140
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.266	-0.67	101.266
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.753	-0.68	104.863
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.680	-0.70	106.020
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.540	-0.69	101.540
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.710	-0.71	106.378
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	101.940	-0.71	101.940
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.400	-0.77	111.104
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.240	-0.70	106.540
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.370	-0.70	110.266
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.310	-0.71	102.310
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.240	-0.69	127.741
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.850	-0.70	109.629
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.620	-0.70	102.620
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.480	-0.69	108.780
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	106.970	-0.69	107.918
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	102.950	-0.69	102.950
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.520	-0.69	105.743
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.240	-0.68	103.240
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.650	-0.68	109.598
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.490	-0.66	103.490
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.680	-0.68	106.903
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.650	-1.19	113.679
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.130	-0.67	104.130
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.040	-0.65	106.151
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.710	-0.63	151.120
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.170	-0.63	108.644
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	10.00	104.480	-0.60	104.480
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.570	-0.61	150.721
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.620	-0.61	108.843
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.580	-0.60	143.879
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	106.920	-0.59	107.157
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.140	-0.56	107.251
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	104.930	-0.53	104.930
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.060	-0.55	169.561
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	104.920	-0.50	104.920
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	118.050	-1.24	125.109
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	104.820	-0.47	104.820
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.280	-0.49	167.361
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.950	-0.40	174.249
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	104.460	-0.29	104.460
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	173.070	-0.32	175.310
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	188.020	-0.27	188.288
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	202.670	-0.26	202.969
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	177.890	-0.21	178.095
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	165.200	-0.17	165.358
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	139.750	-1.21	148.677
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	169.130	-0.11	171.500
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	137.650	-0.08	138.835
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	101.680	-0.06	101.680

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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 27.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 27.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.288	-0.59	102.311
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.070	-0.58	100.070
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.181	-0.59	100.377
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.245	-0.66	100.245
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.440	-0.79	102.854
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.396	-0.64	100.396
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.430	-0.62	100.430
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.589	-0.67	100.589
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.658	-0.65	103.881
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.237	-0.67	105.260
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.734	-0.65	100.734
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.776	-0.65	100.776
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.913	-0.66	100.913
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.908	-0.70	105.039
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.052	-0.65	101.052
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.117	-0.65	101.117
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.240	-0.66	101.240
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.720	-0.67	104.840
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.646	-0.69	105.994
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.520	-0.69	101.520
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.690	-0.70	106.366
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	101.920	-0.70	101.920
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.420	-0.78	111.118
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.210	-0.69	106.518
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.350	-0.70	110.257
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.300	-0.71	102.300
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.200	-0.69	127.735
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.840	-0.70	109.629
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.600	-0.69	102.600
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.470	-0.69	108.778
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	106.960	-0.69	107.914
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	102.920	-0.68	102.920
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.520	-0.69	105.745
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.240	-0.68	103.240
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.670	-0.68	109.624
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.500	-0.66	103.500
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.600	-0.66	106.825
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.750	-1.20	113.777
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.050	-0.65	104.050
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	105.970	-0.64	106.083
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.600	-0.62	151.045
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.100	-0.62	108.577
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	10.00	104.410	-0.59	104.410
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.470	-0.60	150.651
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.550	-0.60	108.775
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.460	-0.59	143.785
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	106.880	-0.58	107.118
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.100	-0.56	107.213
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	104.890	-0.53	104.890
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	165.980	-0.55	169.515
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	104.870	-0.50	104.870
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	118.350	-1.26	125.420
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	104.790	-0.46	104.790
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.200	-0.48	167.311
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	173.860	-0.40	174.185
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	104.390	-0.29	104.390
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	172.950	-0.32	175.212
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	187.890	-0.27	188.181
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	202.550	-0.26	202.875
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	177.740	-0.21	177.963
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	165.020	-0.16	165.191
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	140.850	-1.24	149.836
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	169.040	-0.11	171.424
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	137.590	-0.08	138.782
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	101.630	-0.05	101.630

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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 28.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 28.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.280	-0.58	102.309
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.067	-0.57	100.067
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.179	-0.59	100.376
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.241	-0.66	100.241
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.430	-0.79	102.851
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.393	-0.64	100.393
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.430	-0.62	100.430
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.585	-0.67	100.585
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.651	-0.66	103.883
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.241	-0.68	105.270
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.746	-0.66	100.746
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.795	-0.66	100.795
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.928	-0.68	100.928
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.934	-0.72	105.071
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.086	-0.67	101.086
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.152	-0.68	101.152
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.278	-0.68	101.278
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.759	-0.69	104.884
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.692	-0.71	106.044
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.550	-0.70	101.550
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.730	-0.72	106.410
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	101.970	-0.72	101.970
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.500	-0.81	111.201
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.290	-0.72	106.602
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.420	-0.73	110.333
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.370	-0.73	102.370
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.280	-0.71	127.832
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.930	-0.73	109.724
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.700	-0.72	102.700
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.560	-0.72	108.872
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.060	-0.71	108.016
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	103.020	-0.70	103.020
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.630	-0.71	105.857
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.360	-0.70	103.360
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.770	-0.70	109.726
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.620	-0.68	103.620
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.810	-0.70	107.037
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.900	-1.23	113.931
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.260	-0.69	104.260
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.210	-0.67	106.323
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	150.870	-0.65	151.333
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.350	-0.65	108.828
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	14.00	104.600	-0.61	104.600
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	147.810	-0.64	151.007
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.810	-0.64	109.037
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.770	-0.62	144.108
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	107.140	-0.61	107.379
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.370	-0.59	107.483
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	105.180	-0.56	105.180
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.360	-0.58	169.912
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	105.180	-0.53	105.180
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	118.700	-1.29	125.787
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	105.110	-0.49	105.110
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.680	-0.52	167.806
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	174.380	-0.42	174.718
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	10.00	104.760	-0.31	104.760
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	173.590	-0.34	175.863
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	188.760	-0.30	189.063
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	203.490	-0.29	203.828
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	178.760	-0.24	178.992
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	166.120	-0.20	166.298
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	142.200	-1.28	151.266
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	170.300	-0.15	172.691
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	138.750	-0.11	139.945
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	102.700	-0.09	102.700

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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 29.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 29.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.272	-0.58	102.307
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.068	-0.59	100.068
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.178	-0.59	100.375
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.239	-0.66	100.239
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.426	-0.80	102.854
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.390	-0.63	100.390
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.437	-0.63	100.437
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.589	-0.68	100.589
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.652	-0.67	103.892
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.251	-0.70	105.286
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.756	-0.67	100.756
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.810	-0.68	100.810
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.945	-0.69	100.945
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.947	-0.74	105.089
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.110	-0.68	101.110
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.177	-0.69	101.177
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.305	-0.69	101.305
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.786	-0.71	104.915
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.723	-0.73	106.080
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.590	-0.72	101.590
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.770	-0.74	106.454
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	102.010	-0.73	102.010
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.550	-0.83	111.251
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.320	-0.73	106.636
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.450	-0.74	110.368
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.410	-0.74	102.410
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.270	-0.71	127.839
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	108.980	-0.74	109.778
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.760	-0.74	102.760
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.630	-0.74	108.946
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.130	-0.73	108.089
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	103.110	-0.72	103.110
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.730	-0.74	105.958
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.460	-0.72	103.460
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.880	-0.72	109.839
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.730	-0.70	103.730
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.920	-0.72	107.148
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	107.950	-1.24	113.980
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.380	-0.71	104.380
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.330	-0.69	106.444
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	151.010	-0.67	151.491
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.490	-0.67	108.970
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	14.00	104.800	-0.64	104.800
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	148.020	-0.66	151.232
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	108.970	-0.66	109.198
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	143.980	-0.64	144.331
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	107.300	-0.63	107.540
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.550	-0.61	107.664
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	105.350	-0.57	105.350
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.560	-0.59	170.129
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	105.360	-0.55	105.360
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	118.800	-1.30	125.889
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	105.290	-0.51	105.290
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	164.840	-0.53	167.981
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	174.600	-0.43	174.951
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	13.50	104.860	-0.32	104.860
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	173.700	-0.35	175.984
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	188.950	-0.31	189.264
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	203.640	-0.29	203.991
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	179.050	-0.25	179.290
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	166.470	-0.21	166.655
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	142.550	-1.29	151.633
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	170.810	-0.16	173.208
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	139.210	-0.12	140.409
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	103.060	-0.10	103.060

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Prices and yields of listed Federal securities as of 30.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 30.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.249	-0.58	102.302
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.062	-0.58	100.062
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.173	-0.60	100.372
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.235	-0.66	100.235
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.402	-0.81	102.850
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.389	-0.64	100.389
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.437	-0.64	100.437
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.581	-0.68	100.581
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.626	-0.67	103.893
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.232	-0.70	105.285
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.762	-0.69	100.762
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.815	-0.69	100.815
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.957	-0.70	100.957
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.939	-0.75	105.097
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.125	-0.70	101.125
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.186	-0.70	101.186
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.319	-0.71	101.319
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.790	-0.72	104.934
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.729	-0.74	106.098
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.620	-0.74	101.620
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.790	-0.75	106.487
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	102.050	-0.75	102.050
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.620	-0.86	111.348
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.350	-0.75	106.679
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.480	-0.75	110.414
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.450	-0.75	102.450
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.280	-0.73	127.900
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	109.000	-0.75	109.813
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.800	-0.75	102.800
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.660	-0.75	108.989
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.190	-0.75	108.157
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	103.170	-0.74	103.170
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.790	-0.75	106.022
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.520	-0.74	103.520
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	108.950	-0.74	109.917
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.800	-0.72	103.800
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	106.990	-0.73	107.222
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	108.150	-1.27	114.212
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.460	-0.72	104.460
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.420	-0.71	106.536
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	151.100	-0.69	151.634
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.590	-0.69	109.074
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	14.00	104.910	-0.66	104.910
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	148.100	-0.67	151.358
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	109.080	-0.67	109.312
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	144.110	-0.66	144.500
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	107.430	-0.65	107.672
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.700	-0.63	107.816
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	105.520	-0.59	105.520
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.770	-0.61	170.390
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	105.550	-0.56	105.550
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	119.250	-1.34	126.393
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	105.500	-0.53	105.500
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	165.050	-0.55	168.236
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	175.070	-0.46	175.460
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	13.50	105.320	-0.35	105.320
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	174.290	-0.38	176.607
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	189.620	-0.33	189.969
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	204.380	-0.32	204.770
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	179.730	-0.27	179.997
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	167.230	-0.23	167.435
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	143.850	-1.32	153.044
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	171.550	-0.18	173.968
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	139.940	-0.14	141.149
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	103.720	-0.12	103.720

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Prices and yields of listed Federal securities as of 31.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 31.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.242	-0.51	102.295
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.060	-0.56	100.060
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.174	-0.61	100.373
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.233	-0.65	100.233
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.394	-0.79	102.842
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.395	-0.65	100.395
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.450	-0.66	100.450
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.587	-0.68	100.587
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.620	-0.67	103.887
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.243	-0.71	105.296
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.775	-0.70	100.775
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.845	-0.71	100.845
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.980	-0.72	100.980
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.950	-0.75	105.108
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.155	-0.71	101.155
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.220	-0.72	101.220
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.353	-0.72	101.353
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.824	-0.74	104.968
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.775	-0.76	106.144
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.660	-0.75	101.660
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.840	-0.77	106.537
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	102.110	-0.77	102.110
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.700	-0.88	111.434
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.400	-0.77	106.729
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.540	-0.77	110.474
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.520	-0.78	102.520
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.360	-0.75	127.980
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	109.080	-0.77	109.893
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.890	-0.77	102.890
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.750	-0.77	109.079
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.270	-0.77	108.237
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	103.270	-0.76	103.270
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.900	-0.77	106.132
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.640	-0.76	103.640
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	109.080	-0.76	110.047
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.930	-0.74	103.930
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	107.120	-0.75	107.352
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	108.350	-1.30	114.423
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.600	-0.74	104.600
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.560	-0.73	106.676
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	151.270	-0.71	151.804
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.740	-0.71	109.224
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	14.00	105.060	-0.68	105.060
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	148.260	-0.69	151.518
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	109.240	-0.69	109.472
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	144.290	-0.68	144.680
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	107.590	-0.67	107.832
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.858	-0.64	107.974
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	105.690	-0.61	105.690
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.980	-0.63	170.600
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	105.730	-0.58	105.730
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	119.700	-1.38	126.869
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	105.710	-0.55	105.710
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	165.350	-0.57	168.536
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	175.440	-0.48	175.830
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	13.50	105.620	-0.37	105.620
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	174.710	-0.39	177.027
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	190.110	-0.35	190.459
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	204.910	-0.33	205.300
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	180.300	-0.29	180.567
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	167.790	-0.25	167.995
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	145.100	-1.36	154.373
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	172.210	-0.20	174.628
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	140.510	-0.16	141.719
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	104.280	-0.14	104.280

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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 31.07.20

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 31.07.20	Yield	"Dirty price"
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 1	16.00	100.242	-0.51	102.295
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 1	12.00	100.060	-0.56	100.060
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 2	19.00	100.174	-0.61	100.373
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 4	12.00	100.233	-0.65	100.233
DE000 113542 4	2.500 Bund 10	04.01.2021	0 / 5	19.00	101.394	-0.79	102.842
DE000 110475 0	0.000 BSA 19	12.03.2021	0 / 7	13.00	100.395	-0.65	100.395
DE000 114173 7	0.000 BO S 173	09.04.2021	0 / 8	21.00	100.450	-0.66	100.450
DE000 110476 8	0.000 BSA 19 II	11.06.2021	0 / 10	14.00	100.587	-0.68	100.587
DE000 113544 0	3.250 Bund 11	04.07.2021	0 / 11	19.00	103.620	-0.67	103.887
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 1	16.00	103.243	-0.71	105.296
DE000 110477 6	0.000 BSA 19 III	10.09.2021	1 / 1	13.00	100.775	-0.70	100.775
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 2	21.50	100.845	-0.71	100.845
DE000 110478 4	0.000 BSA 19 IV	10.12.2021	1 / 4	15.50	100.980	-0.72	100.980
DE000 113546 5	2.000 Bund 11	04.01.2022	1 / 5	22.50	103.950	-0.75	105.108
DE000 110479 2	0.000 BSA 20	11.03.2022	1 / 7	14.00	101.155	-0.71	101.155
DE000 114175 2	0.000 BO S 175	08.04.2022	1 / 8	20.50	101.220	-0.72	101.220
DE000 110480 0	0.000 BSA 20 II	10.06.2022	1 / 10	15.00	101.353	-0.72	101.353
DE000 113547 3	1.750 Bund 12	04.07.2022	1 / 11	26.50	104.824	-0.74	104.968
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 1	20.50	104.775	-0.76	106.144
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 2	19.50	101.660	-0.75	101.660
DE000 110230 9	1.500 Bund 13	15.02.2023	2 / 6	20.50	105.840	-0.77	106.537
DE000 114177 8	0.000 BO S 177	14.04.2023	2 / 8	18.50	102.110	-0.77	102.110
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	2 / 8	16.50	102.700	-0.88	111.434
DE000 110231 7	1.500 Bund 13 II	15.05.2023	2 / 9	22.50	106.400	-0.77	106.729
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 0	22.50	108.540	-0.77	110.474
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 2	18.50	102.520	-0.78	102.520
DE000 113492 2	6.250 Bund 94	04.01.2024	3 / 5	12.75	124.360	-0.75	127.980
DE000 110233 3	1.750 Bund 14	15.02.2024	3 / 6	22.50	109.080	-0.77	109.893
DE000 114179 4	0.000 BO S 179	05.04.2024	3 / 8	23.50	102.890	-0.77	102.890
DE000 110235 8	1.500 Bund 14	15.05.2024	3 / 9	22.50	108.750	-0.77	109.079
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 0	22.50	107.270	-0.77	108.237
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 2	22.50	103.270	-0.76	103.270
DE000 110237 4	0.500 Bund 15	15.02.2025	4 / 6	27.50	105.900	-0.77	106.132
DE000 114181 0	0.000 BO S 181	11.04.2025	4 / 8	20.00	103.640	-0.76	103.640
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 0	27.50	109.080	-0.76	110.047
DE000 114182 8	0.000 BO S 182	10.10.2025	5 / 2	5.00	103.930	-0.74	103.930
DE000 110239 0	0.500 Bund 16	15.02.2026	5 / 6	30.50	107.120	-0.75	107.352
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	5 / 8	16.55	108.350	-1.30	114.423
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 0	29.50	104.600	-0.74	104.600
DE000 110241 6	0.250 Bund 17	15.02.2027	6 / 6	30.50	106.560	-0.73	106.676
DE000 113504 4	6.500 Bund 97	04.07.2027	6 / 11	13.75	151.270	-0.71	151.804
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 0	29.50	108.740	-0.71	109.224
DE000 110252 3	0.000 Bund 20	15.11.2027	7 / 3	14.00	105.060	-0.68	105.060
DE000 113506 9	5.625 Bund 98	04.01.2028	7 / 5	17.00	148.260	-0.69	151.518
DE000 110244 0	0.500 Bund 18	15.02.2028	7 / 6	25.50	109.240	-0.69	109.472
DE000 113508 5	4.750 Bund 98 II	04.07.2028	7 / 11	13.75	144.290	-0.68	144.680
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 0	25.50	107.590	-0.67	107.832
DE000 110246 5	0.250 Bund 19	15.02.2029	8 / 6	26.50	107.858	-0.64	107.974
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 0	26.50	105.690	-0.61	105.690
DE000 113514 3	6.250 Bund 00	04.01.2030	9 / 5	11.75	166.980	-0.63	170.600
DE000 110249 9	0.000 Bund 20	15.02.2030	9 / 6	25.00	105.730	-0.58	105.730
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	9 / 8	18.10	119.700	-1.38	126.869
DE000 110250 7	0.000 Bund 20 II	15.08.2030	10 / 0	10.00	105.710	-0.55	105.710
DE000 113517 6	5.500 Bund 00	04.01.2031	10 / 5	21.50	165.350	-0.57	168.536
DE000 113522 6	4.750 Bund 03	04.07.2034	13 / 11	24.50	175.440	-0.48	175.830
DE000 110251 5	0.000 Bund 20	15.05.2035	14 / 9	13.50	105.620	-0.37	105.620
DE000 113527 5	4.000 Bund 05	04.01.2037	16 / 5	27.50	174.710	-0.39	177.027
DE000 113532 5	4.250 Bund 07	04.07.2039	18 / 11	18.50	190.110	-0.35	190.459
DE000 113536 6	4.750 Bund 08	04.07.2040	19 / 11	20.50	204.910	-0.33	205.300
DE000 113543 2	3.250 Bund 10	04.07.2042	21 / 11	19.50	180.300	-0.29	180.567
DE000 113548 1	2.500 Bund 12	04.07.2044	23 / 11	28.50	167.790	-0.25	167.995
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	25 / 8	9.30	145.100	-1.36	154.373
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 0	30.50	172.210	-0.20	174.628
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 0	24.00	140.510	-0.16	141.719
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 0	14.00	104.280	-0.14	104.280

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