



**Prices and yields
of listed Federal securities**
July 2023

Prices and yields of listed Federal securities as of 03.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 03.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.861	3.19	101.636
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.357	3.28	99.357
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.076	3.40	99.076
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.468	3.48	98.468
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 6	12.75	101.353	3.40	104.469
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.021	3.35	99.692
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.623	3.51	97.623
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 9	23.50	97.468	3.46	97.468
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.430	3.37	98.639
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.048	3.43	97.059
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.444	3.38	98.332
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.550	3.40	96.909
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.802	3.39	95.802
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 5	16.00	98.407	3.34	99.835
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.750	3.24	95.942
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.742	3.27	99.788
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 9	23.00	94.566	3.21	94.566
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 11	17.50	99.238	3.21	99.767
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.705	3.13	96.593
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 3	27.50	93.334	3.09	93.334
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 3	7.50	93.490	3.02	93.490
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	93.860	2.97	94.052
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 9	28.00	92.300	2.94	92.300
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.710	0.94	120.709
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.690	2.83	91.690
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 3	24.00	91.290	2.83	91.290
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.570	2.73	91.666
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	90.350	2.72	90.350
DE000 113504	4 6.500 Bund 97	04.07.2027	4 / 0	13.75	114.250	2.69	114.268
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.720	2.65	92.164
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.580	2.65	95.898
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.830	2.59	96.148
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	89.300	2.63	89.300
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 6	17.00	112.730	2.59	115.535
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	91.040	2.58	91.232
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	98.180	2.61	99.185
DE000 113508	5 4.750 Bund 98 II	04.07.2028	5 / 0	13.75	110.220	2.55	110.233
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	89.160	2.54	89.382
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	5.00	99.140	2.57	99.272
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	87.550	2.51	87.550
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	88.410	2.49	88.506
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	86.220	2.46	86.220
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	97.770	2.48	99.254
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 6	11.75	122.590	2.45	125.706
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	85.340	2.42	85.340
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	102.040	0.20	126.501
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	84.530	2.39	84.530
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	84.650	2.37	84.650
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 6	21.50	120.910	2.42	123.652
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	83.600	2.38	83.600
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	82.790	2.36	82.790
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	82.870	2.34	82.870
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	81.870	2.35	81.870
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	94.640	2.36	96.326
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	37.25	99.230	2.39	100.320
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	5.25	99.340	2.38	100.430
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.35	100.510	0.05	118.158
DE000 113522	6 4.750 Bund 03	04.07.2034	11 / 0	24.50	122.440	2.40	122.453
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	75.330	2.42	75.330
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	73.370	2.44	73.370
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 6	28.25	117.590	2.45	119.585
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	81.890	2.47	82.029
DE000 113532	5 4.250 Bund 07	04.07.2039	16 / 0	19.25	123.170	2.48	123.182
DE000 113536	6 4.750 Bund 08	04.07.2040	17 / 0	21.50	131.310	2.47	131.323
DE000 113543	2 3.250 Bund 10	04.07.2042	19 / 0	19.50	111.840	2.46	111.849
DE000 113548	1 2.500 Bund 12	04.07.2044	21 / 0	30.50	101.360	2.42	101.367
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	105.130	-0.12	130.849
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	102.480	2.36	104.699
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	80.050	2.31	81.160
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	54.310	2.28	54.310
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	54.590	2.26	54.590
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	51.830	2.28	51.830
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	88.200	2.35	89.798
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	88.410	2.34	90.008

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 04.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 04.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.865	3.18	101.646
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.370	3.26	99.370
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.090	3.39	99.090
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.472	3.50	98.472
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 6	12.75	101.352	3.39	104.486
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.016	3.36	99.692
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.625	3.52	97.625
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 9	23.50	97.475	3.46	97.475
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.443	3.36	98.656
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.047	3.44	97.059
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.445	3.38	98.335
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.551	3.41	96.912
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.802	3.39	95.802
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 5	16.00	98.401	3.35	99.836
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.742	3.25	95.935
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.712	3.29	99.765
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 9	23.00	94.554	3.22	94.554
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 11	17.50	99.201	3.23	99.737
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.667	3.15	96.557
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 3	27.50	93.287	3.12	93.287
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 3	7.50	93.452	3.04	93.452
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	93.800	3.00	93.993
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 9	28.00	92.220	2.98	92.220
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.770	0.92	120.784
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.600	2.86	91.600
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 3	24.00	91.190	2.87	91.190
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.440	2.77	91.537
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	90.220	2.76	90.220
DE000 113504	4 6.500 Bund 97	04.07.2027	4 / 0	13.75	114.050	2.74	114.086
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.590	2.69	92.035
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.440	2.69	95.761
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.660	2.64	95.981
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	89.160	2.67	89.160
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 6	17.00	112.540	2.63	115.360
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	90.880	2.62	91.073
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	98.000	2.65	99.011
DE000 113508	5 4.750 Bund 98 II	04.07.2028	5 / 0	13.75	109.990	2.59	110.016
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	88.980	2.58	89.203
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	5.00	98.940	2.61	99.078
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	87.350	2.55	87.350
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	88.200	2.53	88.297
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	85.980	2.50	85.980
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	97.500	2.53	98.990
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 6	11.75	122.220	2.50	125.354
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	85.060	2.48	85.060
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	101.880	0.22	126.306
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	84.160	2.46	84.160
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	84.310	2.43	84.310
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 6	21.50	120.400	2.48	123.158
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	83.200	2.45	83.200
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	82.340	2.43	82.340
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	82.410	2.41	82.410
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	81.370	2.42	81.370
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	94.040	2.44	95.731
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	37.25	98.600	2.46	99.696
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	5.25	98.690	2.45	99.786
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	99.930	0.11	117.478
DE000 113522	6 4.750 Bund 03	04.07.2034	11 / 0	24.50	121.600	2.48	121.626
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	74.690	2.49	74.690
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	72.680	2.51	72.680
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 6	28.25	116.630	2.53	118.635
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	81.130	2.54	81.272
DE000 113532	5 4.250 Bund 07	04.07.2039	16 / 0	19.25	122.030	2.55	122.053
DE000 113536	6 4.750 Bund 08	04.07.2040	17 / 0	21.50	130.020	2.55	130.046
DE000 113543	2 3.250 Bund 10	04.07.2042	19 / 0	19.50	110.560	2.54	110.578
DE000 113548	1 2.500 Bund 12	04.07.2044	21 / 0	30.50	99.980	2.50	99.994
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	103.860	-0.07	129.270
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	100.970	2.44	103.196
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	78.610	2.39	79.723
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	53.050	2.37	53.050
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	53.320	2.35	53.320
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	50.560	2.37	50.560
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	86.420	2.44	88.023
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	86.620	2.43	88.223

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3) Bundesbank reference price on the Frankfurt Stock Exchange

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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 05.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 05.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.860	3.26	101.646
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.375	3.28	99.375
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.100	3.38	99.100
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.480	3.50	98.480
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.345	3.39	104.496
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.025	3.36	99.706
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.642	3.51	97.642
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 9	23.50	97.494	3.45	97.494
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.462	3.34	98.679
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.084	3.41	97.097
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.492	3.34	98.385
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.595	3.38	96.957
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.848	3.36	95.848
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 5	16.00	98.453	3.31	99.894
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.805	3.21	96.000
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.790	3.24	99.849
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 9	23.00	94.632	3.18	94.632
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 11	17.50	99.287	3.18	99.831
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.780	3.10	96.673
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 3	27.50	93.398	3.07	93.398
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 3	7.50	93.555	2.99	93.555
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	93.880	2.97	94.075
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 9	28.00	92.290	2.95	92.290
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.860	0.88	120.896
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.690	2.83	91.690
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 3	24.00	91.310	2.83	91.310
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.570	2.73	91.667
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	90.350	2.72	90.350
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	114.210	2.70	114.263
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.770	2.64	92.217
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.630	2.64	95.955
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.870	2.58	96.195
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	89.370	2.61	89.370
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.760	2.58	115.596
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	91.110	2.57	91.305
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	98.230	2.60	99.247
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.250	2.54	110.289
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	89.220	2.53	89.443
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	5.00	99.220	2.56	99.365
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	87.610	2.50	87.610
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	88.460	2.48	88.557
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	86.260	2.45	86.260
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	97.800	2.48	99.296
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	122.580	2.45	125.731
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	85.360	2.42	85.360
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	102.010	0.20	126.469
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	84.470	2.40	84.470
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	84.620	2.38	84.620
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	120.830	2.43	123.603
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	83.560	2.39	83.560
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	82.680	2.37	82.680
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	82.760	2.36	82.760
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	81.750	2.37	81.750
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	94.460	2.38	96.155
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	38.25	99.040	2.41	100.143
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	6.25	99.110	2.40	100.213
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	100.240	0.08	117.843
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	122.090	2.44	122.129
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	75.050	2.45	75.050
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	73.050	2.47	73.050
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	117.100	2.49	119.116
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	81.510	2.51	81.655
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	122.570	2.52	122.605
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	130.640	2.51	130.679
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	111.110	2.51	111.137
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	100.450	2.47	100.470
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	104.270	-0.09	129.781
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	101.410	2.42	103.643
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	78.940	2.37	80.056
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	53.440	2.34	53.440
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	53.700	2.32	53.700
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	50.960	2.34	50.960
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	86.950	2.41	88.558
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	87.160	2.40	88.768

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3) Bundesbank reference price on the Frankfurt Stock Exchange

4) Only for inflation-linked bonds: yield in real terms reported without adjustment for inflation;
the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 06.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 06.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.876	3.20	101.679
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.401	3.28	99.401
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.123	3.40	99.123
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.507	3.50	98.507
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.325	3.38	104.527
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.008	3.41	99.703
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.657	3.53	97.657
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.503	3.47	97.503
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.455	3.37	98.685
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.071	3.45	97.085
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.472	3.38	98.373
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.564	3.42	96.929
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.808	3.42	95.808
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 5	16.00	98.374	3.38	99.833
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.727	3.28	95.926
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.683	3.31	99.763
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 9	23.00	94.549	3.25	94.549
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 11	17.50	99.153	3.25	99.720
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.650	3.17	96.551
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 3	27.50	93.269	3.14	93.269
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 3	7.50	93.418	3.07	93.418
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	93.770	3.02	93.969
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 9	28.00	92.170	3.01	92.170
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.710	0.94	120.714
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.540	2.89	91.540
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 3	24.00	91.120	2.90	91.120
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.360	2.80	91.459
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	90.130	2.80	90.130
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	113.870	2.77	113.977
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.480	2.72	91.931
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.310	2.73	95.646
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.540	2.67	95.876
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	89.070	2.70	89.070
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.350	2.66	115.232
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	90.760	2.66	90.959
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	97.840	2.69	98.875
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	109.780	2.63	109.858
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	88.840	2.62	89.065
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	5.00	98.750	2.65	98.914
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	87.180	2.60	87.180
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	88.020	2.57	88.119
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	85.760	2.55	85.760
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	97.210	2.58	98.723
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	121.870	2.55	125.072
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	84.820	2.52	84.820
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	101.530	0.27	125.881
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	83.900	2.50	83.900
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	84.030	2.48	84.030
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	120.020	2.53	122.838
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	82.930	2.49	82.930
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	82.000	2.48	82.000
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	82.090	2.47	82.090
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	81.030	2.48	81.030
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	93.620	2.49	95.329
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	38.25	98.140	2.52	99.262
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	6.23	98.240	2.51	99.362
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	99.530	0.15	117.011
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	120.950	2.54	121.028
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	74.160	2.56	74.160
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	72.080	2.58	72.080
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	115.750	2.60	117.799
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	80.380	2.61	80.533
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	120.970	2.63	121.040
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	128.860	2.62	128.938
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	109.390	2.62	109.443
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	98.760	2.58	98.801
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	102.050	0.01	127.021
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	99.580	2.52	101.833
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	77.230	2.48	78.357
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	51.870	2.45	51.870
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	52.130	2.43	52.130
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	49.370	2.46	49.370
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	84.770	2.53	86.392
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	84.940	2.52	86.562

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Prices and yields of listed Federal securities as of 07.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 07.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.879	3.17	101.682
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.410	3.23	99.410
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.137	3.34	99.137
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.514	3.48	98.514
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.300	3.43	104.502
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.031	3.37	99.726
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.673	3.50	97.673
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.513	3.46	97.513
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.465	3.36	98.695
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.063	3.46	97.077
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.506	3.35	98.407
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.564	3.42	96.929
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.814	3.41	95.814
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 5	16.00	98.387	3.37	99.846
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.746	3.27	95.945
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.695	3.30	99.775
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 9	23.00	94.562	3.24	94.562
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 11	17.50	99.155	3.25	99.722
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.630	3.18	96.531
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 3	27.50	93.232	3.16	93.232
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 3	7.50	93.394	3.08	93.394
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	93.720	3.05	93.919
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 9	28.00	92.100	3.04	92.100
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.580	0.99	120.553
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.460	2.92	91.460
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 3	24.00	91.010	2.94	91.010
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.220	2.85	91.319
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	89.970	2.84	89.970
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	113.610	2.84	113.717
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.260	2.79	91.711
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.040	2.80	95.376
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.310	2.73	95.646
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	88.790	2.77	88.790
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.010	2.74	114.892
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	90.440	2.74	90.639
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	97.470	2.77	98.505
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	109.390	2.71	109.468
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	88.460	2.70	88.685
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	5.00	98.330	2.74	98.494
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	86.760	2.69	86.760
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	87.560	2.67	87.659
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	85.280	2.65	85.280
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	96.670	2.68	98.183
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	121.200	2.65	124.402
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	84.270	2.63	84.270
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	100.940	0.36	125.151
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	83.320	2.60	83.320
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	83.440	2.58	83.440
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	119.210	2.64	122.028
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	82.280	2.60	82.280
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	81.300	2.59	81.300
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	81.370	2.58	81.370
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	80.250	2.59	80.250
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	92.680	2.61	94.389
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	38.25	97.160	2.64	98.282
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	6.23	97.260	2.63	98.382
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	98.590	0.25	115.906
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	119.740	2.65	119.818
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	73.180	2.67	73.180
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	71.110	2.69	71.110
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	114.410	2.71	116.459
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	79.230	2.72	79.383
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	119.430	2.73	119.500
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	127.230	2.73	127.308
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	107.830	2.72	107.883
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	97.220	2.67	97.261
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	100.730	0.07	125.379
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	97.870	2.62	100.123
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	75.780	2.57	76.907
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	50.650	2.54	50.650
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	50.920	2.52	50.920
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	48.140	2.54	48.140
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	83.040	2.62	84.662
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	83.200	2.61	84.822

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Prices and yields of listed Federal securities as of 10.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 10.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.875	3.29	101.689
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.413	3.32	99.413
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.145	3.38	99.145
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.520	3.51	98.520
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.290	3.42	104.526
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.031	3.38	99.736
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.685	3.51	97.685
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.527	3.46	97.527
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.475	3.36	98.713
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.065	3.48	97.080
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.505	3.36	98.412
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.582	3.42	96.949
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.817	3.43	95.817
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 5	16.00	98.387	3.37	99.858
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.745	3.28	95.946
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.690	3.31	99.784
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 9	23.00	94.560	3.25	94.560
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 11	17.50	99.150	3.26	99.732
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.636	3.19	96.543
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 3	27.50	93.243	3.16	93.243
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 3	7.50	93.420	3.08	93.420
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	93.700	3.06	93.901
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 9	28.00	92.080	3.05	92.080
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.620	0.98	120.605
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.440	2.94	91.440
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.000	2.95	91.000
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.200	2.86	91.301
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	89.950	2.86	89.950
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	113.590	2.84	113.732
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.240	2.79	91.693
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.010	2.81	95.353
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.290	2.74	95.633
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	88.780	2.78	88.780
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	111.970	2.75	114.883
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	90.430	2.74	90.631
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	97.460	2.77	98.507
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	109.350	2.72	109.454
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	88.430	2.71	88.657
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	5.00	98.270	2.75	98.448
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	86.720	2.70	86.720
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	87.510	2.68	87.611
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	85.210	2.66	85.210
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	96.590	2.69	98.115
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	121.100	2.66	124.336
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	84.200	2.64	84.200
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	100.730	0.39	124.895
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	83.220	2.62	83.220
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	83.340	2.60	83.340
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	119.100	2.65	121.948
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	82.200	2.61	82.200
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	81.210	2.61	81.210
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	81.280	2.59	81.280
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	80.150	2.61	80.150
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	92.560	2.63	94.279
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	38.25	97.010	2.66	98.144
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	6.23	97.110	2.64	98.244
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	98.300	0.28	115.567
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	119.500	2.68	119.604
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	72.980	2.70	72.980
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	70.890	2.72	70.890
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	114.050	2.74	116.121
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	78.860	2.75	79.018
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	118.990	2.76	119.083
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	126.680	2.76	126.784
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	107.270	2.75	107.341
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	96.620	2.71	96.675
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	99.440	0.12	123.776
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	97.150	2.67	99.417
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	75.060	2.62	76.194
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	50.000	2.59	50.000
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	50.270	2.57	50.270
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	47.470	2.59	47.470
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	82.240	2.67	83.872
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	82.420	2.66	84.052

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 11.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 11.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.878	3.29	101.697
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.421	3.32	99.421
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.146	3.42	99.146
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.526	3.52	98.526
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.276	3.43	104.529
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.032	3.39	99.742
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.687	3.52	97.687
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.521	3.48	97.521
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.466	3.37	98.708
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.068	3.49	97.084
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.500	3.37	98.410
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.578	3.43	96.946
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.810	3.44	95.810
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 5	16.00	98.362	3.40	99.839
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.737	3.29	95.940
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.672	3.32	99.772
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 9	23.00	94.545	3.27	94.545
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 11	17.50	99.135	3.27	99.725
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.642	3.19	96.552
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 2	27.50	93.245	3.17	93.245
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 2	7.50	93.400	3.09	93.400
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	93.700	3.06	93.903
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 8	28.00	92.090	3.05	92.090
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.650	0.97	120.642
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.460	2.93	91.460
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.020	2.95	91.020
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.230	2.85	91.331
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	90.000	2.84	90.000
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	113.630	2.83	113.790
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.320	2.77	91.775
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.100	2.79	95.446
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.360	2.72	95.706
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	88.880	2.75	88.880
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.090	2.72	115.018
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	90.570	2.71	90.773
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	97.610	2.74	98.663
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	109.490	2.69	109.607
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	88.590	2.68	88.817
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	10.00	98.470	2.71	98.654
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	86.950	2.65	86.950
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	87.730	2.64	87.831
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	85.450	2.62	85.450
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	96.860	2.64	98.390
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	121.400	2.61	124.653
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	84.480	2.59	84.480
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	100.900	0.36	125.108
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	83.530	2.57	83.530
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	83.640	2.55	83.640
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	119.480	2.60	122.343
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	82.500	2.57	82.500
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	81.540	2.55	81.540
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	81.620	2.54	81.620
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	80.500	2.56	80.500
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	93.050	2.57	94.773
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	38.25	97.550	2.59	98.691
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	6.25	97.630	2.58	98.771
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	98.760	0.23	116.109
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	120.160	2.61	120.277
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	73.530	2.63	73.530
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	71.450	2.65	71.450
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	114.810	2.68	116.892
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	79.520	2.69	79.681
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	119.830	2.70	119.935
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	127.620	2.70	127.737
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	108.230	2.69	108.310
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	97.600	2.65	97.661
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	100.960	0.06	125.668
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	98.270	2.60	100.544
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	76.150	2.55	77.287
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	50.920	2.52	50.920
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	51.170	2.50	51.170
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	48.380	2.53	48.380
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	83.460	2.60	85.097
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	83.640	2.59	85.277

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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 12.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 12.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.880	3.31	101.705
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.430	3.32	99.430
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.157	3.41	99.157
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.536	3.52	98.536
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.270	3.43	104.541
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.032	3.39	99.746
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.690	3.53	97.690
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.525	3.49	97.525
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.480	3.36	98.726
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.069	3.49	97.085
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.502	3.38	98.414
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.585	3.43	96.954
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.819	3.44	95.819
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 5	16.00	98.360	3.40	99.843
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.735	3.29	95.939
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.662	3.33	99.769
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 8	23.00	94.544	3.27	94.544
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 11	17.50	99.115	3.28	99.713
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.615	3.20	96.527
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 2	27.50	93.225	3.18	93.225
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 2	7.50	93.375	3.11	93.375
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	93.710	3.06	93.914
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 8	28.00	92.080	3.06	92.080
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.560	1.00	120.533
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.450	2.94	91.450
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.030	2.94	91.030
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.240	2.85	91.342
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	89.990	2.85	89.990
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	113.620	2.83	113.798
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.320	2.78	91.776
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.080	2.79	95.430
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.340	2.73	95.690
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	88.870	2.76	88.870
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.040	2.73	114.983
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	90.520	2.72	90.724
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	97.570	2.75	98.629
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	109.430	2.70	109.560
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	88.540	2.69	88.768
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	10.00	98.400	2.73	98.591
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	86.870	2.67	86.870
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	87.670	2.65	87.772
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	85.370	2.63	85.370
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	96.780	2.66	98.316
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	121.300	2.63	124.571
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	84.400	2.61	84.400
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	100.800	0.38	124.987
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	83.430	2.59	83.430
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	83.550	2.57	83.550
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	119.370	2.61	122.248
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	82.440	2.58	82.440
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	81.470	2.57	81.470
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	81.560	2.55	81.560
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	80.430	2.57	80.430
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	92.920	2.58	94.648
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	38.25	97.380	2.61	98.527
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	6.25	97.470	2.60	98.617
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	98.490	0.26	115.793
DE000 BU2201	5 2.600 Bund 23	15.08.2033	10 / 1	5.00	99.630	2.64	99.630
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	119.900	2.64	120.030
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	73.290	2.66	73.290
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	71.190	2.68	71.190
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	114.440	2.71	116.533
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	79.200	2.72	79.364
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	119.410	2.73	119.526
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	127.160	2.73	127.290
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	107.700	2.72	107.789
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	97.040	2.69	97.108
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	100.280	0.09	124.823
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	97.600	2.64	99.881
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	75.500	2.59	76.640
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	50.380	2.56	50.380
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	50.670	2.54	50.670
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	47.880	2.56	47.880
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	82.790	2.64	84.432
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	82.970	2.63	84.612

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

4) Only for inflation-linked bonds: yield in real terms reported without adjustment for inflation; the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 13.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 13.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 1	22.50	99.888	3.35	101.729
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.460	3.30	99.460
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 3	18.50	99.180	3.43	99.180
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.575	3.49	98.575
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.265	3.39	104.587
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 7	22.50	99.040	3.40	99.769
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 8	19.50	97.735	3.50	97.735
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.585	3.44	97.585
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 10	22.50	98.485	3.37	98.743
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 11	17.00	97.125	3.46	97.143
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 1	22.50	97.555	3.34	98.476
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 2	17.00	96.685	3.36	97.058
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.940	3.36	95.940
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 4	16.00	98.520	3.29	100.021
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 7	30.50	95.920	3.18	96.128
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 8	17.50	98.875	3.20	100.003
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 8	23.00	94.770	3.14	94.770
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 10	17.50	99.355	3.15	99.976
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 1	30.50	95.880	3.08	96.801
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 2	27.50	93.525	3.04	93.525
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 2	7.50	93.680	2.97	93.680
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 7	33.50	94.050	2.92	94.258
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 8	28.00	92.450	2.91	92.450
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.900	0.88	120.956
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 1	32.50	91.860	2.80	91.860
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.440	2.81	91.440
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 7	30.50	91.710	2.71	91.814
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 9	22.00	90.500	2.70	90.500
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	114.200	2.68	114.431
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 1	32.50	91.860	2.63	92.320
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 3	28.50	94.650	2.65	96.011
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 3	6.50	94.920	2.58	96.281
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 4	22.00	89.460	2.60	89.460
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.710	2.57	115.700
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 7	28.50	91.180	2.56	91.388
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 9	25.00	98.280	2.59	99.357
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.210	2.53	110.379
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 1	28.50	89.260	2.53	89.490
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	10.00	99.190	2.56	99.400
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 4	27.00	87.610	2.51	87.610
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 7	29.50	88.440	2.49	88.544
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 1	29.50	86.190	2.47	86.190
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 4	26.00	97.680	2.50	99.233
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	122.330	2.47	125.652
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 7	28.00	85.290	2.45	85.290
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	101.640	0.25	126.034
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 1	33.50	84.320	2.44	84.320
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	84.420	2.42	84.420
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	120.470	2.46	123.393
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 7	28.00	83.340	2.43	83.340
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 1	32.00	82.390	2.43	82.390
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	82.500	2.41	82.500
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 7	31.00	81.410	2.43	81.410
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 1	28.00	94.000	2.44	95.742
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 7	38.25	98.600	2.46	99.766
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 7	6.25	98.700	2.45	99.866
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	99.640	0.14	117.147
DE000 BU2201	5 2.600 Bund 23	15.08.2033	10 / 1	5.00	100.930	2.49	100.951
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	121.310	2.50	121.479
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 10	22.50	74.440	2.53	74.440
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 10	25.00	72.380	2.55	72.380
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	116.020	2.58	118.146
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 10	18.00	80.520	2.60	80.692
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	121.180	2.61	121.331
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	129.090	2.61	129.259
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	109.550	2.61	109.665
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	98.840	2.57	98.929
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	102.170	0.00	127.178
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 1	31.50	99.400	2.53	101.701
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 1	36.50	77.140	2.49	78.291
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 1	38.50	51.810	2.46	51.810
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	52.080	2.44	52.080
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 1	23.50	49.310	2.46	49.310
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 1	18.00	84.700	2.53	86.357
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	84.940	2.52	86.597

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

Prices and yields of listed Federal securities as of 14.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 14.07.23	Yield	"Dirty price"
DE000 110232 5	2.000 Bund 13	15.08.2023	0 / 1	22.50	99.890	3.33	101.731
DE000 110485 9	0.000 BSA 21 III	15.09.2023	0 / 2	16.00	99.464	3.28	99.464
DE000 114178 6	0.000 BO S 178	13.10.2023	0 / 2	18.50	99.180	3.43	99.180
DE000 110486 7	0.000 BSA 21 IV	15.12.2023	0 / 5	18.00	98.573	3.50	98.573
DE000 113492 2	6.250 Bund 94	04.01.2024	0 / 5	12.75	101.246	3.43	104.568
DE000 110233 3	1.750 Bund 14	15.02.2024	0 / 7	22.50	99.023	3.43	99.752
DE000 110487 5	0.000 BSA 22	15.03.2024	0 / 8	19.50	97.724	3.52	97.724
DE000 114179 4	0.000 BO S 179	05.04.2024	0 / 8	23.50	97.560	3.48	97.560
DE000 110235 8	1.500 Bund 14	15.05.2024	0 / 10	22.50	98.435	3.44	98.693
DE000 110488 3	0.200 BSA 22	14.06.2024	0 / 11	17.00	97.100	3.49	97.118
DE000 110236 6	1.000 Bund 14	15.08.2024	1 / 1	22.50	97.527	3.37	98.448
DE000 110489 1	0.000 BSA 22	13.09.2024	1 / 1	17.00	96.640	3.40	97.013
DE000 114180 2	0.000 BO S 180	18.10.2024	1 / 3	22.50	95.905	3.39	95.905
DE000 110490 9	0.000 BSA 22	12.12.2024	1 / 4	16.00	98.465	3.33	99.966
DE000 110237 4	0.500 Bund 15	15.02.2025	1 / 7	30.50	95.865	3.22	96.073
DE000 BU2200 7	2.500 BSA 23	13.03.2025	1 / 7	17.50	98.810	3.24	99.938
DE000 114181 0	0.000 BO S 181	11.04.2025	1 / 8	23.00	94.718	3.18	94.718
DE000 BU2201 5	2.800 BSA 23	12.06.2025	1 / 10	17.50	99.290	3.18	99.911
DE000 110238 2	1.000 Bund 15	15.08.2025	2 / 1	30.50	95.818	3.11	96.739
DE000 114182 8	0.000 BO S 182	10.10.2025	2 / 2	27.50	93.463	3.07	93.463
DE000 103071 6	0.000 BO Green	10.10.2025	2 / 2	7.50	93.620	3.00	93.620
DE000 110239 0	0.500 Bund 16	15.02.2026	2 / 7	33.50	93.970	2.96	94.178
DE000 114183 6	0.000 BO S 183	10.04.2026	2 / 8	28.00	92.450	2.91	92.450
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	2 / 9	19.20	97.770	0.93	120.795
DE000 110240 8	0.000 Bund 16	15.08.2026	3 / 1	32.50	91.860	2.80	91.860
DE000 114184 4	0.000 BO S 184	09.10.2026	3 / 2	24.00	91.440	2.81	91.440
DE000 110241 6	0.250 Bund 17	15.02.2027	3 / 7	30.50	91.710	2.71	91.814
DE000 114185 1	0.000 BO S 185	16.04.2027	3 / 9	22.00	90.500	2.70	90.500
DE000 113504 4	6.500 Bund 97	04.07.2027	3 / 11	13.75	114.200	2.68	114.431
DE000 110242 4	0.500 Bund 17	15.08.2027	4 / 1	32.50	91.860	2.63	92.320
DE000 114186 9	1.300 BO S 186	15.10.2027	4 / 3	28.50	94.650	2.65	96.011
DE000 103074 0	1.300 BO Green	15.10.2027	4 / 3	6.50	94.920	2.58	96.281
DE000 110252 3	0.000 Bund 20	15.11.2027	4 / 4	22.00	89.460	2.60	89.460
DE000 113506 9	5.625 Bund 98	04.01.2028	4 / 5	17.00	112.710	2.57	115.700
DE000 110244 0	0.500 Bund 18	15.02.2028	4 / 7	28.50	91.180	2.56	91.388
DE000 BU2500 0	2.200 BO S 187	13.04.2028	4 / 8	25.00	98.280	2.59	99.357
DE000 113508 5	4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.210	2.53	110.379
DE000 110245 7	0.250 Bund 18	15.08.2028	5 / 1	28.50	89.260	2.53	89.490
DE000 BU2501 8	2.400 BO S 188	19.10.2028	5 / 3	10.00	99.190	2.56	99.400
DE000 110255 6	0.000 Bund 21	15.11.2028	5 / 4	27.00	87.610	2.51	87.610
DE000 110246 5	0.250 Bund 19	15.02.2029	5 / 7	29.50	88.440	2.49	88.544
DE000 110247 3	0.000 Bund 19	15.08.2029	6 / 1	29.50	86.190	2.47	86.190
DE000 110262 2	2.100 Bund 22	15.11.2029	6 / 4	26.00	97.680	2.50	99.233
DE000 113514 3	6.250 Bund 00	04.01.2030	6 / 5	11.75	122.330	2.47	125.652
DE000 110249 9	0.000 Bund 20	15.02.2030	6 / 7	28.00	85.290	2.45	85.290
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	6 / 9	22.15	101.400	0.29	125.737
DE000 110250 7	0.000 Bund 20 II	15.08.2030	7 / 1	33.50	84.320	2.44	84.320
DE000 103070 8	0.000 Bund 20 Green	15.08.2030	7 / 1	9.50	84.420	2.42	84.420
DE000 113517 6	5.500 Bund 00	04.01.2031	7 / 5	21.50	120.470	2.46	123.393
DE000 110253 1	0.000 Bund 21	15.02.2031	7 / 7	28.00	83.340	2.43	83.340
DE000 110256 4	0.000 Bund 21 II	15.08.2031	8 / 1	32.00	82.390	2.43	82.390
DE000 103073 2	0.000 Bund 21 Green	15.08.2031	8 / 1	9.00	82.500	2.41	82.500
DE000 110258 0	0.000 Bund 22	15.02.2032	8 / 7	31.00	81.410	2.43	81.410
DE000 110260 6	1.700 Bund 22	15.08.2032	9 / 1	28.00	94.000	2.44	95.742
DE000 BU2200 7	2.300 Bund 23	15.02.2033	9 / 7	38.25	98.600	2.46	99.766
DE000 BU3200 5	2.300 Bund 23 Green	15.02.2033	9 / 7	6.25	98.700	2.45	99.866
DE000 103058 3	0.100 Bund 21 index.	15.04.2033	9 / 9	9.85	99.420	0.16	116.888
DE000 BU2201 5	2.600 Bund 23	15.08.2033	10 / 1	5.00	100.930	2.49	100.951
DE000 113522 6	4.750 Bund 03	04.07.2034	10 / 11	24.50	121.310	2.50	121.479
DE000 110251 5	0.000 Bund 20	15.05.2035	11 / 10	22.50	74.440	2.53	74.440
DE000 110254 9	0.000 Bund 21	15.05.2036	12 / 10	25.00	72.380	2.55	72.380
DE000 113527 5	4.000 Bund 05	04.01.2037	13 / 5	28.25	116.020	2.58	118.146
DE000 110259 8	1.000 Bund 22	15.05.2038	14 / 10	18.00	80.520	2.60	80.692
DE000 113532 5	4.250 Bund 07	04.07.2039	15 / 11	19.25	121.180	2.61	121.331
DE000 113536 6	4.750 Bund 08	04.07.2040	16 / 11	21.50	129.090	2.61	129.259
DE000 113543 2	3.250 Bund 10	04.07.2042	18 / 11	19.50	109.550	2.61	109.665
DE000 113548 1	2.500 Bund 12	04.07.2044	20 / 11	30.50	99.200	2.55	99.289
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	22 / 9	13.85	101.820	0.02	126.743
DE000 110234 1	2.500 Bund 14	15.08.2046	23 / 1	31.50	99.880	2.51	102.181
DE000 110243 2	1.250 Bund 17	15.08.2048	25 / 1	36.50	77.600	2.46	78.751
DE000 110248 1	0.000 Bund 19	15.08.2050	27 / 1	38.50	52.200	2.43	52.200
DE000 103072 4	0.000 Bund 21 Green	15.08.2050	27 / 1	10.00	52.450	2.41	52.450
DE000 110257 2	0.000 Bund 21	15.08.2052	29 / 1	23.50	49.700	2.43	49.700
DE000 110261 4	1.800 Bund 22	15.08.2053	30 / 1	18.00	85.210	2.51	86.867
DE000 103075 7	1.800 Bund 23 Green	15.08.2053	30 / 1	4.50	85.390	2.50	87.047

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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 17.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 17.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 0	22.50	99.894	3.37	101.746
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.471	3.35	99.471
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 2	18.50	99.196	3.44	99.196
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.575	3.54	98.575
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.251	3.39	104.607
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 6	22.50	99.018	3.46	99.756
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 7	19.50	97.728	3.55	97.728
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.553	3.52	97.553
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 9	22.50	98.419	3.47	98.685
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 10	17.00	97.085	3.53	97.104
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 0	22.50	97.509	3.40	98.435
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 1	17.00	96.631	3.43	97.006
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 3	22.50	95.888	3.42	95.888
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 4	16.00	98.439	3.35	99.952
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 6	30.50	95.852	3.24	96.063
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 7	17.50	98.792	3.25	99.933
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 8	23.00	94.705	3.20	94.705
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 10	17.50	99.262	3.20	99.898
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 0	30.50	95.807	3.12	96.733
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 2	27.50	93.452	3.09	93.452
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 2	7.50	93.604	3.01	93.604
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 6	33.50	93.960	2.97	94.171
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 8	28.00	92.380	2.95	92.380
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	97.690	0.96	120.698
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 0	32.50	91.789	2.83	91.789
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.360	2.84	91.360
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 6	30.50	91.630	2.74	91.735
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 8	22.00	90.420	2.73	90.420
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	114.060	2.71	114.326
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 0	32.50	91.780	2.66	92.243
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 2	28.50	94.590	2.66	95.958
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 2	6.50	94.836	2.60	96.204
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 3	22.00	89.380	2.63	89.380
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.560	2.60	115.581
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 6	28.50	91.070	2.59	91.281
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 8	25.00	98.170	2.61	99.259
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.080	2.56	110.275
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 0	28.50	89.170	2.55	89.402
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	10.00	99.072	2.59	99.296
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 3	27.00	87.500	2.54	87.500
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 6	29.50	88.340	2.52	88.445
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 0	29.50	86.100	2.49	86.100
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 3	26.00	97.570	2.52	99.135
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	122.190	2.49	125.546
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 6	28.00	85.180	2.47	85.180
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	101.240	0.31	125.543
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.280	2.45	84.280
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.400	2.43	84.400
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	120.420	2.47	123.373
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 6	28.00	83.350	2.43	83.350
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.420	2.42	82.420
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	82.510	2.41	82.510
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 6	31.00	81.450	2.42	81.450
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 0	28.00	94.090	2.43	95.841
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 6	38.25	98.722	2.45	99.900
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	98.800	2.44	99.978
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	99.230	0.18	116.667
DE000 BU2201	5 2.600 Bund 23	15.08.2033	10 / 0	5.00	101.040	2.48	101.076
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	121.420	2.49	121.615
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 9	22.50	74.550	2.52	74.550
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 9	25.00	72.540	2.54	72.540
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	116.210	2.56	118.358
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 9	18.00	80.680	2.59	80.858
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	121.440	2.59	121.614
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	129.430	2.58	129.625
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	109.930	2.58	110.063
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	99.250	2.55	99.352
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	102.020	0.01	126.993
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 0	31.50	99.910	2.51	102.225
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 0	36.50	77.620	2.46	78.778
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 0	38.50	52.210	2.43	52.210
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	52.480	2.41	52.480
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 0	23.50	49.720	2.43	49.720
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 0	18.00	85.230	2.50	86.897
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	85.420	2.49	87.087

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 18.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 18.07.23	Yield	"Dirty price"
DE000 110232 5	2.000 Bund 13	15.08.2023	0 / 0	22.50	99.900	3.35	101.758
DE000 110485 9	0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.477	3.37	99.477
DE000 114178 6	0.000 BO S 178	13.10.2023	0 / 2	18.50	99.203	3.45	99.203
DE000 110486 7	0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.595	3.51	98.595
DE000 113492 2	6.250 Bund 94	04.01.2024	0 / 5	12.75	101.232	3.42	104.605
DE000 110233 3	1.750 Bund 14	15.02.2024	0 / 6	22.50	99.042	3.42	99.785
DE000 110487 5	0.000 BSA 22	15.03.2024	0 / 7	19.50	97.750	3.52	97.750
DE000 114179 4	0.000 BO S 179	05.04.2024	0 / 8	23.50	97.584	3.49	97.584
DE000 110235 8	1.500 Bund 14	15.05.2024	0 / 9	22.50	98.461	3.42	98.731
DE000 110488 3	0.200 BSA 22	14.06.2024	0 / 10	17.00	97.124	3.49	97.144
DE000 110236 6	1.000 Bund 14	15.08.2024	1 / 0	22.50	97.565	3.35	98.494
DE000 110489 1	0.000 BSA 22	13.09.2024	1 / 1	17.00	96.694	3.38	97.070
DE000 114180 2	0.000 BO S 180	18.10.2024	1 / 3	22.50	95.963	3.36	95.963
DE000 110490 9	0.000 BSA 22	12.12.2024	1 / 4	16.00	98.516	3.30	100.035
DE000 110237 4	0.500 Bund 15	15.02.2025	1 / 6	30.50	95.956	3.17	96.168
DE000 BU2200 7	2.500 BSA 23	13.03.2025	1 / 7	17.50	98.890	3.19	100.038
DE000 114181 0	0.000 BO S 181	11.04.2025	1 / 8	23.00	94.840	3.12	94.840
DE000 BU2201 5	2.800 BSA 23	12.06.2025	1 / 10	17.50	99.397	3.12	100.041
DE000 110238 2	1.000 Bund 15	15.08.2025	2 / 0	30.50	95.955	3.04	96.884
DE000 BU2202 3	3.100 BSA 22	18.09.2025	2 / 2	6.00	100.080	3.06	100.080
DE000 114182 8	0.000 BO S 182	10.10.2025	2 / 2	27.50	93.614	3.01	93.614
DE000 103071 6	0.000 BO Green	10.10.2025	2 / 2	7.50	93.772	2.93	93.772
DE000 110239 0	0.500 Bund 16	15.02.2026	2 / 6	33.50	94.140	2.89	94.352
DE000 114183 6	0.000 BO S 183	10.04.2026	2 / 8	28.00	92.560	2.88	92.560
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	97.860	0.89	120.909
DE000 110240 8	0.000 Bund 16	15.08.2026	3 / 0	32.50	92.000	2.75	92.000
DE000 114184 4	0.000 BO S 184	09.10.2026	3 / 2	24.00	91.590	2.76	91.590
DE000 110241 6	0.250 Bund 17	15.02.2027	3 / 6	30.50	91.890	2.66	91.996
DE000 114185 1	0.000 BO S 185	16.04.2027	3 / 8	22.00	90.690	2.65	90.690
DE000 113504 4	6.500 Bund 97	04.07.2027	3 / 11	13.75	114.390	2.62	114.674
DE000 110242 4	0.500 Bund 17	15.08.2027	4 / 0	32.50	92.080	2.57	92.544
DE000 114186 9	1.300 BO S 186	15.10.2027	4 / 2	28.50	94.917	2.58	96.288
DE000 103074 0	1.300 BO Green	15.10.2027	4 / 2	6.50	95.185	2.51	96.556
DE000 110252 3	0.000 Bund 20	15.11.2027	4 / 3	22.00	89.720	2.54	89.720
DE000 113506 9	5.625 Bund 98	04.01.2028	4 / 5	17.00	112.940	2.52	115.976
DE000 110244 0	0.500 Bund 18	15.02.2028	4 / 6	28.50	91.420	2.51	91.632
DE000 BU2500 0	2.200 BO S 187	13.04.2028	4 / 8	25.00	98.530	2.53	99.625
DE000 113508 5	4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.480	2.48	110.688
DE000 110245 7	0.250 Bund 18	15.08.2028	5 / 0	28.50	89.530	2.47	89.762
DE000 BU2501 8	2.400 BO S 188	19.10.2028	5 / 3	10.00	99.480	2.50	99.710
DE000 110255 6	0.000 Bund 21	15.11.2028	5 / 3	27.00	87.880	2.46	87.880
DE000 110246 5	0.250 Bund 19	15.02.2029	5 / 6	29.50	88.740	2.43	88.846
DE000 110247 3	0.000 Bund 19	15.08.2029	6 / 0	29.50	86.520	2.41	86.520
DE000 110262 2	2.100 Bund 22	15.11.2029	6 / 3	26.00	98.040	2.44	99.611
DE000 113514 3	6.250 Bund 00	04.01.2030	6 / 5	11.75	122.740	2.40	126.113
DE000 110249 9	0.000 Bund 20	15.02.2030	6 / 6	28.00	85.630	2.39	85.630
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	101.720	0.24	126.141
DE000 110250 7	0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.740	2.37	84.740
DE000 103070 8	0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.860	2.35	84.860
DE000 113517 6	5.500 Bund 00	04.01.2031	7 / 5	21.50	121.010	2.39	123.978
DE000 110253 1	0.000 Bund 21	15.02.2031	7 / 6	28.00	83.830	2.36	83.830
DE000 110256 4	0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.920	2.35	82.920
DE000 103073 2	0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	83.020	2.33	83.020
DE000 110258 0	0.000 Bund 22	15.02.2032	8 / 6	31.00	81.960	2.35	81.960
DE000 110260 6	1.700 Bund 22	15.08.2032	9 / 0	28.00	94.650	2.36	96.406
DE000 BU2200 7	2.300 Bund 23	15.02.2033	9 / 6	38.25	99.300	2.38	100.485
DE000 BU3200 5	2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	99.380	2.37	100.565
DE000 103058 3	0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	99.930	0.11	117.491
DE000 BU2201 5	2.600 Bund 23	15.08.2033	10 / 0	5.00	101.660	2.41	101.703
DE000 113522 6	4.750 Bund 03	04.07.2034	10 / 11	24.50	122.200	2.42	122.408
DE000 110251 5	0.000 Bund 20	15.05.2035	11 / 9	22.50	75.180	2.44	75.180
DE000 110254 9	0.000 Bund 21	15.05.2036	12 / 9	25.00	73.170	2.47	73.170
DE000 113527 5	4.000 Bund 05	04.01.2037	13 / 5	28.25	117.060	2.49	119.219
DE000 110259 8	1.000 Bund 22	15.05.2038	14 / 9	18.00	81.440	2.52	81.620
DE000 113532 5	4.250 Bund 07	04.07.2039	15 / 11	19.25	122.420	2.53	122.606
DE000 113536 6	4.750 Bund 08	04.07.2040	16 / 11	21.50	130.480	2.52	130.688
DE000 113543 2	3.250 Bund 10	04.07.2042	18 / 11	19.50	110.950	2.52	111.092
DE000 113548 1	2.500 Bund 12	04.07.2044	20 / 11	30.50	100.260	2.48	100.369
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	102.920	-0.03	128.115
DE000 110234 1	2.500 Bund 14	15.08.2046	23 / 0	31.50	100.950	2.45	103.272
DE000 110243 2	1.250 Bund 17	15.08.2048	25 / 0	36.50	78.600	2.40	79.761
DE000 110248 1	0.000 Bund 19	15.08.2050	27 / 0	38.50	53.050	2.37	53.050
DE000 103072 4	0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	53.330	2.35	53.330
DE000 110257 2	0.000 Bund 21	15.08.2052	29 / 0	23.50	50.540	2.38	50.540
DE000 110261 4	1.800 Bund 22	15.08.2053	30 / 0	18.00	86.360	2.45	88.032
DE000 103075 7	1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	86.590	2.43	88.262

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3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 19.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 19.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 0	22.50	99.903	3.36	101.766
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.485	3.37	99.485
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 2	18.50	99.221	3.41	99.221
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.606	3.51	98.606
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.241	3.38	104.631
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 6	22.50	99.050	3.42	99.798
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 7	19.50	97.775	3.50	97.775
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.594	3.48	97.594
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 9	22.50	98.478	3.41	98.753
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 10	17.00	97.172	3.44	97.192
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 0	22.50	97.613	3.31	98.545
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 1	17.00	96.751	3.33	97.128
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 2	22.50	96.015	3.32	96.015
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 4	16.00	98.606	3.23	100.131
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 6	30.50	96.068	3.10	96.282
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 7	17.50	99.022	3.11	100.177
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 8	23.00	94.954	3.05	94.954
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 10	17.50	99.544	3.04	100.195
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 0	30.50	96.113	2.96	97.045
DE000 BU2202	3 3.100 BSA 23	18.09.2025	2 / 1	6.00	100.231	2.98	100.239
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 2	27.50	93.778	2.93	93.778
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 2	7.50	93.934	2.86	93.934
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 6	33.50	94.320	2.82	94.534
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 8	28.00	92.760	2.80	92.760
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	98.010	0.84	121.096
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 0	32.50	92.220	2.67	92.220
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.815	2.69	91.815
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 6	30.50	92.160	2.57	92.267
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 8	22.00	90.970	2.56	90.970
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	114.710	2.54	115.012
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 0	32.50	92.390	2.49	92.856
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 2	28.50	95.250	2.49	96.625
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 2	6.50	95.500	2.43	96.875
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 3	22.00	90.030	2.46	90.030
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	113.310	2.43	116.361
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 6	28.50	91.770	2.42	91.984
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 8	25.00	98.920	2.44	100.021
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.900	2.39	111.121
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 0	28.50	89.930	2.38	90.163
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 3	10.00	99.920	2.41	100.157
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 3	27.00	88.290	2.37	88.290
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 6	29.50	89.170	2.35	89.277
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 0	29.50	86.980	2.33	86.980
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 3	26.00	98.520	2.35	100.096
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	123.280	2.32	126.670
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 6	28.00	86.100	2.30	86.100
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	102.150	0.18	126.675
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 0	33.50	85.230	2.29	85.230
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	85.350	2.27	85.350
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	121.610	2.31	124.594
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 6	28.00	84.320	2.28	84.320
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 0	32.00	83.440	2.27	83.440
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	83.530	2.26	83.530
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 6	31.00	82.460	2.28	82.460
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 0	28.00	95.190	2.29	96.951
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 6	38.25	99.880	2.31	101.071
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	99.980	2.30	101.171
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	100.420	0.06	118.068
DE000 BU2201	5 2.600 Bund 23	15.08.2033	10 / 0	5.00	102.280	2.34	102.330
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	122.870	2.36	123.091
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 9	22.50	75.700	2.38	75.700
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 9	25.00	73.740	2.41	73.740
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	117.780	2.43	119.950
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 9	18.00	82.080	2.46	82.263
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	123.230	2.47	123.427
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	131.390	2.46	131.611
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	111.790	2.46	111.941
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	101.140	2.43	101.256
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	103.470	-0.05	128.800
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 0	31.50	101.840	2.40	104.169
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 0	36.50	79.410	2.35	80.574
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 0	38.50	53.790	2.32	53.790
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	54.140	2.29	54.140
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 0	24.50	51.380	2.32	51.380
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 0	19.50	87.530	2.39	89.207
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	87.800	2.37	89.477

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 20.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 20.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 0	22.50	99.916	3.33	101.795
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.512	3.38	99.512
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 2	18.50	99.238	3.46	99.238
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.625	3.53	98.625
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.208	3.40	104.650
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 6	22.50	99.053	3.43	99.815
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 7	19.50	97.781	3.53	97.781
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.604	3.51	97.604
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 9	22.50	98.467	3.44	98.754
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 10	17.00	97.182	3.46	97.204
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 0	22.50	97.577	3.36	98.517
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 1	17.00	96.672	3.43	97.052
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 2	22.50	95.920	3.43	95.920
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 4	16.00	98.478	3.33	100.021
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 6	30.50	95.930	3.21	96.148
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 7	17.50	98.860	3.22	100.036
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 8	23.00	94.821	3.15	94.821
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 10	17.50	99.363	3.15	100.037
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 0	30.50	95.912	3.08	96.852
DE000 BU2202	3 3.100 BSA 23	18.09.2025	2 / 1	6.00	100.025	3.08	100.059
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 2	27.50	93.592	3.04	93.592
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 2	7.50	93.743	2.96	93.743
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 6	33.50	94.110	2.92	94.328
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 8	28.00	92.540	2.90	92.540
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	97.805	0.92	120.844
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 0	32.50	91.970	2.77	91.970
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.550	2.79	91.550
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 6	30.50	91.850	2.68	91.959
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 8	22.00	90.650	2.67	90.650
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	114.280	2.64	114.635
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 0	32.50	92.040	2.59	92.510
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 2	28.50	94.861	2.60	96.246
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 2	6.50	95.115	2.53	96.500
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 3	22.00	89.650	2.57	89.650
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.795	2.54	115.893
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 6	28.50	91.330	2.54	91.548
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 8	25.00	98.430	2.55	99.549
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.350	2.50	110.610
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 0	28.50	89.475	2.49	89.710
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 2	10.00	99.402	2.52	99.658
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 3	27.00	87.825	2.47	87.825
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 6	29.50	88.680	2.45	88.789
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 0	29.50	86.470	2.43	86.470
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 3	26.00	97.930	2.46	99.524
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	122.570	2.42	126.012
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 6	28.00	85.540	2.41	85.540
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	101.580	0.26	125.976
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.650	2.39	84.650
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.770	2.37	84.770
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	120.840	2.41	123.869
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 6	28.00	83.730	2.38	83.730
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.830	2.36	82.830
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	82.920	2.35	82.920
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 6	31.00	81.860	2.36	81.860
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 0	28.00	94.510	2.38	96.285
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 6	38.25	99.140	2.40	100.350
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	99.230	2.39	100.440
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	99.710	0.13	117.236
DE000 BU2201	5 2.600 Bund 23	15.08.2033	10 / 0	5.00	101.490	2.43	101.561
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	121.930	2.44	122.190
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 9	22.50	75.000	2.47	75.000
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 9	25.00	73.010	2.49	73.010
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	116.800	2.51	119.003
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 9	18.00	81.260	2.53	81.451
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	122.120	2.54	122.352
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	130.170	2.54	130.430
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	110.630	2.54	110.808
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	100.000	2.50	100.137
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	102.440	-0.01	127.521
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 0	31.50	100.650	2.46	102.999
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 0	36.50	78.330	2.41	79.505
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 0	38.50	52.850	2.38	52.850
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	53.130	2.36	53.130
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 0	24.50	50.360	2.39	50.360
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 0	19.50	86.100	2.46	87.792
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	86.340	2.45	88.032

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3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 21.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 21.07.23	Yield	"Dirty price"
DE000 110232 5	2.000 Bund 13	15.08.2023	0 / 0	22.50	99.922	3.24	101.801
DE000 110485 9	0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.524	3.29	99.524
DE000 114178 6	0.000 BO S 178	13.10.2023	0 / 2	18.50	99.246	3.42	99.246
DE000 110486 7	0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.630	3.52	98.630
DE000 113492 2	6.250 Bund 94	04.01.2024	0 / 5	12.75	101.188	3.45	104.630
DE000 110233 3	1.750 Bund 14	15.02.2024	0 / 6	22.50	99.055	3.43	99.817
DE000 110487 5	0.000 BSA 22	15.03.2024	0 / 7	19.50	97.785	3.53	97.785
DE000 114179 4	0.000 BO S 179	05.04.2024	0 / 8	23.50	97.612	3.50	97.612
DE000 110235 8	1.500 Bund 14	15.05.2024	0 / 9	22.50	98.469	3.44	98.756
DE000 110488 3	0.200 BSA 22	14.06.2024	0 / 10	17.00	97.185	3.46	97.207
DE000 110236 6	1.000 Bund 14	15.08.2024	1 / 0	22.50	97.564	3.38	98.504
DE000 110489 1	0.000 BSA 22	13.09.2024	1 / 1	17.00	96.676	3.42	97.056
DE000 114180 2	0.000 BO S 180	18.10.2024	1 / 2	22.50	95.910	3.44	95.910
DE000 110490 9	0.000 BSA 22	12.12.2024	1 / 4	16.00	98.451	3.35	99.994
DE000 110237 4	0.500 Bund 15	15.02.2025	1 / 6	30.50	95.898	3.23	96.116
DE000 BU2200 7	2.500 BSA 23	13.03.2025	1 / 7	17.50	98.815	3.25	99.991
DE000 114181 0	0.000 BO S 181	11.04.2025	1 / 8	23.00	94.789	3.17	94.789
DE000 BU2201 5	2.800 BSA 23	12.06.2025	1 / 10	17.50	99.310	3.18	99.984
DE000 110238 2	1.000 Bund 15	15.08.2025	2 / 0	30.50	95.855	3.11	96.795
DE000 BU2202 3	3.100 BSA 23	18.09.2025	2 / 1	6.00	99.975	3.11	100.009
DE000 114182 8	0.000 BO S 182	10.10.2025	2 / 2	27.50	93.545	3.06	93.545
DE000 103071 6	0.000 BO Green	10.10.2025	2 / 2	7.50	93.693	2.99	93.693
DE000 110239 0	0.500 Bund 16	15.02.2026	2 / 6	33.50	94.030	2.95	94.248
DE000 114183 6	0.000 BO S 183	10.04.2026	2 / 8	28.00	92.460	2.93	92.460
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	97.830	0.91	120.875
DE000 110240 8	0.000 Bund 16	15.08.2026	3 / 0	32.50	91.878	2.81	91.878
DE000 114184 4	0.000 BO S 184	09.10.2026	3 / 2	24.00	91.450	2.82	91.450
DE000 110241 6	0.250 Bund 17	15.02.2027	3 / 6	30.50	91.720	2.72	91.829
DE000 114185 1	0.000 BO S 185	16.04.2027	3 / 8	22.00	90.510	2.71	90.510
DE000 113504 4	6.500 Bund 97	04.07.2027	3 / 11	13.75	114.080	2.69	114.435
DE000 110242 4	0.500 Bund 17	15.08.2027	4 / 0	32.50	91.880	2.63	92.350
DE000 114186 9	1.300 BO S 186	15.10.2027	4 / 2	28.50	94.700	2.64	96.085
DE000 103074 0	1.300 BO Green	15.10.2027	4 / 2	6.50	94.950	2.57	96.335
DE000 110252 3	0.000 Bund 20	15.11.2027	4 / 3	22.00	89.480	2.61	89.480
DE000 113506 9	5.625 Bund 98	04.01.2028	4 / 5	17.00	112.580	2.59	115.678
DE000 110244 0	0.500 Bund 18	15.02.2028	4 / 6	28.50	91.170	2.57	91.388
DE000 BU2500 0	2.200 BO S 187	13.04.2028	4 / 8	25.00	98.240	2.60	99.359
DE000 113508 5	4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.120	2.55	110.380
DE000 110245 7	0.250 Bund 18	15.08.2028	5 / 0	28.50	89.280	2.53	89.515
DE000 BU2501 8	2.400 BO S 188	19.10.2028	5 / 2	10.00	99.170	2.57	99.426
DE000 110255 6	0.000 Bund 21	15.11.2028	5 / 3	27.00	87.620	2.52	87.620
DE000 110246 5	0.250 Bund 19	15.02.2029	5 / 6	29.50	88.450	2.50	88.559
DE000 110247 3	0.000 Bund 19	15.08.2029	6 / 0	29.50	86.230	2.47	86.230
DE000 110262 2	2.100 Bund 22	15.11.2029	6 / 3	26.00	97.660	2.50	99.254
DE000 113514 3	6.250 Bund 00	04.01.2030	6 / 5	11.75	122.250	2.47	125.692
DE000 110249 9	0.000 Bund 20	15.02.2030	6 / 6	28.00	85.280	2.46	85.280
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	101.430	0.29	125.790
DE000 110250 7	0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.360	2.44	84.360
DE000 103070 8	0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.480	2.42	84.480
DE000 113517 6	5.500 Bund 00	04.01.2031	7 / 5	21.50	120.450	2.46	123.479
DE000 110253 1	0.000 Bund 21	15.02.2031	7 / 6	28.00	83.430	2.42	83.430
DE000 110256 4	0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.500	2.42	82.500
DE000 103073 2	0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	82.580	2.40	82.580
DE000 110258 0	0.000 Bund 22	15.02.2032	8 / 6	31.00	81.510	2.42	81.510
DE000 110260 6	1.700 Bund 22	15.08.2032	9 / 0	28.00	94.090	2.43	95.865
DE000 BU2200 7	2.300 Bund 23	15.02.2033	9 / 6	38.25	98.680	2.46	99.890
DE000 BU3200 5	2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	98.790	2.44	100.000
DE000 103058 3	0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	99.550	0.15	117.048
DE000 BU2201 5	2.600 Bund 23	15.08.2033	10 / 0	5.00	101.020	2.48	101.091
DE000 113522 6	4.750 Bund 03	04.07.2034	10 / 11	24.50	121.370	2.49	121.630
DE000 110251 5	0.000 Bund 20	15.05.2035	11 / 9	22.50	74.560	2.52	74.560
DE000 110254 9	0.000 Bund 21	15.05.2036	12 / 9	25.00	72.530	2.54	72.530
DE000 113527 5	4.000 Bund 05	04.01.2037	13 / 5	28.25	116.170	2.56	118.373
DE000 110259 8	1.000 Bund 22	15.05.2038	14 / 9	18.00	80.700	2.59	80.891
DE000 113532 5	4.250 Bund 07	04.07.2039	15 / 11	19.25	121.380	2.60	121.612
DE000 113536 6	4.750 Bund 08	04.07.2040	16 / 11	21.50	129.370	2.59	129.630
DE000 113543 2	3.250 Bund 10	04.07.2042	18 / 11	19.50	109.840	2.59	110.018
DE000 113548 1	2.500 Bund 12	04.07.2044	20 / 11	30.50	99.210	2.55	99.347
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	102.230	0.00	127.259
DE000 110234 1	2.500 Bund 14	15.08.2046	23 / 0	31.50	99.840	2.51	102.189
DE000 110243 2	1.250 Bund 17	15.08.2048	25 / 0	36.50	77.600	2.46	78.775
DE000 110248 1	0.000 Bund 19	15.08.2050	27 / 0	38.50	52.220	2.43	52.220
DE000 103072 4	0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	52.510	2.41	52.510
DE000 110257 2	0.000 Bund 21	15.08.2052	29 / 0	24.50	49.740	2.43	49.740
DE000 110261 4	1.800 Bund 22	15.08.2053	30 / 0	19.50	85.270	2.50	86.962
DE000 103075 7	1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	85.450	2.49	87.142

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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 24.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 24.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 0	22.50	99.927	3.27	101.817
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.535	3.34	99.535
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 2	18.50	99.260	3.44	99.260
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.645	3.53	98.645
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.208	3.37	104.684
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 6	22.50	99.078	3.40	99.850
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 7	19.50	97.814	3.51	97.814
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.649	3.47	97.649
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 9	22.50	98.527	3.37	98.822
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 10	17.00	97.238	3.41	97.261
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 0	22.50	97.661	3.29	98.606
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 1	17.00	96.765	3.35	97.147
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 2	22.50	96.026	3.35	96.026
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 4	16.00	98.576	3.26	100.131
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 6	30.50	96.049	3.14	96.270
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 7	17.50	98.965	3.15	100.154
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 8	23.00	94.930	3.09	94.930
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 10	17.50	99.497	3.07	100.186
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 0	30.50	96.058	3.01	97.003
DE000 BU2202	3 3.100 BSA 23	18.09.2025	2 / 1	6.00	100.190	3.00	100.241
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 2	27.50	93.760	2.96	93.760
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 2	7.50	93.915	2.88	93.915
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 6	33.50	94.280	2.85	94.501
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 8	28.00	92.730	2.83	92.730
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	98.090	0.81	121.199
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 0	32.50	92.160	2.71	92.160
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.750	2.72	91.750
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 6	30.50	92.060	2.62	92.170
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 8	22.00	90.860	2.61	90.860
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	114.500	2.58	114.891
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 0	32.50	92.260	2.53	92.733
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 2	28.50	95.100	2.54	96.493
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 2	6.50	95.340	2.47	96.733
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 3	22.00	89.890	2.51	89.890
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	113.070	2.48	116.198
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 6	28.50	91.590	2.47	91.811
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 8	25.00	98.690	2.49	99.821
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.620	2.44	110.906
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 0	28.50	89.720	2.44	89.956
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 2	10.00	99.640	2.47	99.910
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 3	27.00	88.080	2.42	88.080
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 6	29.50	88.910	2.41	89.020
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 0	29.50	86.740	2.38	86.740
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 3	26.00	98.210	2.41	99.815
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	122.880	2.38	126.356
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 6	28.00	85.810	2.36	85.810
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	102.000	0.20	126.502
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.930	2.34	84.930
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	85.050	2.32	85.050
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	121.150	2.37	124.209
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 6	28.00	84.010	2.33	84.010
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 0	32.00	83.110	2.32	83.110
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	83.190	2.31	83.190
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 6	31.00	82.100	2.33	82.100
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 0	28.00	94.760	2.35	96.544
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 6	38.25	99.390	2.37	100.612
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	99.490	2.36	100.712
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	100.190	0.08	117.802
DE000 BU2201	5 2.600 Bund 23	15.08.2033	10 / 0	5.00	101.760	2.40	101.845
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	122.250	2.41	122.536
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 9	22.50	75.270	2.44	75.270
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 9	25.00	73.260	2.46	73.260
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	117.130	2.48	119.355
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 9	18.00	81.520	2.51	81.717
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	122.450	2.52	122.705
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	130.500	2.52	130.786
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	110.910	2.52	111.105
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	100.210	2.49	100.360
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	103.770	-0.06	129.179
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 0	31.50	100.880	2.45	103.243
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 0	36.50	78.470	2.40	79.652
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 0	38.50	52.970	2.38	52.970
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	53.240	2.36	53.240
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 0	24.50	50.490	2.38	50.490
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 0	19.50	86.280	2.45	87.981
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	86.470	2.44	88.171

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

Prices and yields of listed Federal securities as of 25.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 25.07.23	Yield	"Dirty price"
DE000 110232	5 2.000 Bund 13	15.08.2023	0 / 0	22.50	99.933	3.23	101.829
DE000 110485	9 0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.542	3.36	99.542
DE000 114178	6 0.000 BO S 178	13.10.2023	0 / 2	18.50	99.284	3.37	99.284
DE000 110486	7 0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.658	3.52	98.658
DE000 113492	2 6.250 Bund 94	04.01.2024	0 / 5	12.75	101.206	3.36	104.699
DE000 110233	3 1.750 Bund 14	15.02.2024	0 / 6	22.50	99.081	3.41	99.858
DE000 110487	5 0.000 BSA 22	15.03.2024	0 / 7	19.50	97.817	3.52	97.817
DE000 114179	4 0.000 BO S 179	05.04.2024	0 / 8	23.50	97.644	3.49	97.644
DE000 110235	8 1.500 Bund 14	15.05.2024	0 / 9	22.50	98.506	3.41	98.805
DE000 110488	3 0.200 BSA 22	14.06.2024	0 / 10	17.00	97.230	3.43	97.253
DE000 110236	6 1.000 Bund 14	15.08.2024	1 / 0	22.50	97.623	3.34	98.571
DE000 110489	1 0.000 BSA 22	13.09.2024	1 / 1	17.00	96.732	3.39	97.116
DE000 114180	2 0.000 BO S 180	18.10.2024	1 / 2	22.50	95.997	3.38	95.997
DE000 110490	9 0.000 BSA 22	12.12.2024	1 / 4	16.00	98.525	3.30	100.086
DE000 110237	4 0.500 Bund 15	15.02.2025	1 / 6	30.50	95.982	3.19	96.204
DE000 BU2200	7 2.500 BSA 23	13.03.2025	1 / 7	17.50	98.895	3.20	100.091
DE000 114181	0 0.000 BO S 181	11.04.2025	1 / 8	23.00	94.868	3.13	94.868
DE000 BU2201	5 2.800 BSA 23	12.06.2025	1 / 10	17.50	99.414	3.12	100.111
DE000 110238	2 1.000 Bund 15	15.08.2025	2 / 0	30.50	95.971	3.06	96.919
DE000 BU2202	3 3.100 BSA 23	18.09.2025	2 / 1	6.00	100.092	3.05	100.151
DE000 114182	8 0.000 BO S 182	10.10.2025	2 / 2	27.50	93.668	3.01	93.668
DE000 103071	6 0.000 BO Green	10.10.2025	2 / 2	7.50	93.830	2.93	93.830
DE000 110239	0 0.500 Bund 16	15.02.2026	2 / 6	33.50	94.170	2.90	94.392
DE000 114183	6 0.000 BO S 183	10.04.2026	2 / 8	28.00	92.610	2.88	92.610
DE000 103056	7 0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	98.170	0.78	121.298
DE000 110240	8 0.000 Bund 16	15.08.2026	3 / 0	32.50	92.020	2.76	92.020
DE000 114184	4 0.000 BO S 184	09.10.2026	3 / 2	24.00	91.610	2.77	91.610
DE000 110241	6 0.250 Bund 17	15.02.2027	3 / 6	30.50	91.890	2.67	92.001
DE000 114185	1 0.000 BO S 185	16.04.2027	3 / 8	22.00	90.690	2.66	90.690
DE000 113504	4 6.500 Bund 97	04.07.2027	3 / 11	13.75	114.250	2.64	114.658
DE000 110242	4 0.500 Bund 17	15.08.2027	4 / 0	32.50	92.050	2.59	92.524
DE000 114186	9 1.300 BO S 186	15.10.2027	4 / 2	28.50	94.880	2.60	96.276
DE000 103074	0 1.300 BO Green	15.10.2027	4 / 2	6.50	95.120	2.53	96.516
DE000 110252	3 0.000 Bund 20	15.11.2027	4 / 3	22.00	89.660	2.57	89.660
DE000 113506	9 5.625 Bund 98	04.01.2028	4 / 5	17.00	112.790	2.54	115.934
DE000 110244	0 0.500 Bund 18	15.02.2028	4 / 6	28.50	91.350	2.53	91.572
DE000 BU2500	0 2.200 BO S 187	13.04.2028	4 / 8	25.00	98.430	2.55	99.567
DE000 113508	5 4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.310	2.50	110.608
DE000 110245	7 0.250 Bund 18	15.08.2028	5 / 0	28.50	89.460	2.50	89.697
DE000 BU2501	8 2.400 BO S 188	19.10.2028	5 / 2	10.00	99.330	2.53	99.606
DE000 110255	6 0.000 Bund 21	15.11.2028	5 / 3	27.00	87.820	2.48	87.820
DE000 110246	5 0.250 Bund 19	15.02.2029	5 / 6	29.50	88.640	2.46	88.751
DE000 110247	3 0.000 Bund 19	15.08.2029	6 / 0	29.50	86.440	2.44	86.440
DE000 110262	2 2.100 Bund 22	15.11.2029	6 / 3	26.00	97.890	2.46	99.501
DE000 113514	3 6.250 Bund 00	04.01.2030	6 / 5	11.75	122.530	2.43	126.023
DE000 110249	9 0.000 Bund 20	15.02.2030	6 / 6	28.00	85.530	2.41	85.530
DE000 103055	9 0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	101.890	0.22	126.367
DE000 110250	7 0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.620	2.40	84.620
DE000 103070	8 0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.770	2.37	84.770
DE000 113517	6 5.500 Bund 00	04.01.2031	7 / 5	21.50	120.800	2.41	123.874
DE000 110253	1 0.000 Bund 21	15.02.2031	7 / 6	28.00	83.730	2.38	83.730
DE000 110256	4 0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.810	2.37	82.810
DE000 103073	2 0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	82.890	2.36	82.890
DE000 110258	0 0.000 Bund 22	15.02.2032	8 / 6	31.00	81.820	2.37	81.820
DE000 110260	6 1.700 Bund 22	15.08.2032	9 / 0	28.00	94.460	2.39	96.248
DE000 BU2200	7 2.300 Bund 23	15.02.2033	9 / 6	38.25	99.070	2.41	100.299
DE000 BU3200	5 2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	99.180	2.40	100.409
DE000 103058	3 0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	100.020	0.10	117.604
DE000 BU2201	5 2.600 Bund 23	15.08.2033	10 / 0	5.00	101.410	2.44	101.503
DE000 113522	6 4.750 Bund 03	04.07.2034	10 / 11	24.50	121.790	2.45	122.088
DE000 110251	5 0.000 Bund 20	15.05.2035	11 / 9	22.50	74.930	2.48	74.930
DE000 110254	9 0.000 Bund 21	15.05.2036	12 / 9	25.00	72.880	2.50	72.880
DE000 113527	5 4.000 Bund 05	04.01.2037	13 / 5	28.25	116.630	2.52	118.866
DE000 110259	8 1.000 Bund 22	15.05.2038	14 / 9	18.00	81.100	2.55	81.299
DE000 113532	5 4.250 Bund 07	04.07.2039	15 / 11	19.25	121.880	2.56	122.147
DE000 113536	6 4.750 Bund 08	04.07.2040	16 / 11	21.50	129.910	2.55	130.208
DE000 113543	2 3.250 Bund 10	04.07.2042	18 / 11	19.50	110.400	2.55	110.604
DE000 113548	1 2.500 Bund 12	04.07.2044	20 / 11	30.50	99.710	2.52	99.867
DE000 103057	5 0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	103.250	-0.04	128.532
DE000 110234	1 2.500 Bund 14	15.08.2046	23 / 0	31.50	100.320	2.48	102.690
DE000 110243	2 1.250 Bund 17	15.08.2048	25 / 0	36.50	77.930	2.44	79.115
DE000 110248	1 0.000 Bund 19	15.08.2050	27 / 0	38.50	52.510	2.41	52.510
DE000 103072	4 0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	52.780	2.39	52.780
DE000 110257	2 0.000 Bund 21	15.08.2052	29 / 0	24.50	50.000	2.41	50.000
DE000 110261	4 1.800 Bund 22	15.08.2053	30 / 0	19.50	85.640	2.48	87.346
DE000 103075	7 1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	85.820	2.47	87.526

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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 26.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 26.07.23	Yield	"Dirty price"
DE000 110232 5	2.000 Bund 13	15.08.2023	0 / 0	22.50	99.936	3.24	101.837
DE000 110485 9	0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.546	3.40	99.546
DE000 114178 6	0.000 BO S 178	13.10.2023	0 / 2	18.50	99.279	3.44	99.279
DE000 110486 7	0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.666	3.52	98.666
DE000 113492 2	6.250 Bund 94	04.01.2024	0 / 5	12.75	101.198	3.36	104.708
DE000 110233 3	1.750 Bund 14	15.02.2024	0 / 6	22.50	99.086	3.41	99.868
DE000 110487 5	0.000 BSA 22	15.03.2024	0 / 7	19.50	97.827	3.52	97.827
DE000 114179 4	0.000 BO S 179	05.04.2024	0 / 8	23.50	97.647	3.50	97.647
DE000 110235 8	1.500 Bund 14	15.05.2024	0 / 9	22.50	98.502	3.42	98.805
DE000 110488 3	0.200 BSA 22	14.06.2024	0 / 10	17.00	97.230	3.44	97.254
DE000 110236 6	1.000 Bund 14	15.08.2024	1 / 0	22.50	97.627	3.34	98.578
DE000 110489 1	0.000 BSA 22	13.09.2024	1 / 1	17.00	96.740	3.39	97.125
DE000 114180 2	0.000 BO S 180	18.10.2024	1 / 2	22.50	95.994	3.39	95.994
DE000 110490 9	0.000 BSA 22	12.12.2024	1 / 4	16.00	98.521	3.31	100.088
DE000 110237 4	0.500 Bund 15	15.02.2025	1 / 6	30.50	95.976	3.20	96.199
DE000 BU2200 7	2.500 BSA 23	13.03.2025	1 / 7	17.50	98.879	3.21	100.082
DE000 114181 0	0.000 BO S 181	11.04.2025	1 / 8	23.00	94.854	3.15	94.854
DE000 BU2201 5	2.800 BSA 23	12.06.2025	1 / 10	17.50	99.386	3.13	100.091
DE000 110238 2	1.000 Bund 15	15.08.2025	2 / 0	30.50	95.951	3.07	96.902
DE000 BU2202 3	3.100 BSA 23	18.09.2025	2 / 1	6.00	100.061	3.07	100.129
DE000 114182 8	0.000 BO S 182	10.10.2025	2 / 2	27.50	93.650	3.02	93.650
DE000 103071 6	0.000 BO Green	10.10.2025	2 / 2	7.50	93.806	2.95	93.806
DE000 110239 0	0.500 Bund 16	15.02.2026	2 / 6	33.50	94.170	2.90	94.393
DE000 114183 6	0.000 BO S 183	10.04.2026	2 / 8	28.00	92.610	2.88	92.610
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	98.290	0.74	121.448
DE000 110240 8	0.000 Bund 16	15.08.2026	3 / 0	32.50	92.020	2.76	92.020
DE000 114184 4	0.000 BO S 184	09.10.2026	3 / 2	24.00	91.640	2.77	91.640
DE000 110241 6	0.250 Bund 17	15.02.2027	3 / 6	30.50	91.910	2.67	92.022
DE000 114185 1	0.000 BO S 185	16.04.2027	3 / 8	22.00	90.710	2.66	90.710
DE000 113504 4	6.500 Bund 97	04.07.2027	3 / 11	13.75	114.250	2.64	114.676
DE000 110242 4	0.500 Bund 17	15.08.2027	4 / 0	32.50	92.080	2.59	92.555
DE000 114186 9	1.300 BO S 186	15.10.2027	4 / 2	28.50	94.910	2.59	96.310
DE000 103074 0	1.300 BO Green	15.10.2027	4 / 2	6.50	95.130	2.53	96.530
DE000 110252 3	0.000 Bund 20	15.11.2027	4 / 3	22.00	89.680	2.56	89.680
DE000 113506 9	5.625 Bund 98	04.01.2028	4 / 5	17.00	112.790	2.54	115.949
DE000 110244 0	0.500 Bund 18	15.02.2028	4 / 6	28.50	91.370	2.53	91.593
DE000 BU2500 0	2.200 BO S 187	13.04.2028	4 / 8	25.00	98.440	2.55	99.583
DE000 113508 5	4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.330	2.50	110.641
DE000 110245 7	0.250 Bund 18	15.08.2028	5 / 0	28.50	89.480	2.49	89.718
DE000 BU2501 8	2.400 BO S 188	19.10.2028	5 / 2	10.00	99.360	2.53	99.643
DE000 110255 6	0.000 Bund 21	15.11.2028	5 / 3	27.00	87.840	2.48	87.840
DE000 110246 5	0.250 Bund 19	15.02.2029	5 / 6	29.50	88.660	2.46	88.772
DE000 110247 3	0.000 Bund 19	15.08.2029	6 / 0	29.50	86.440	2.44	86.440
DE000 110262 2	2.100 Bund 22	15.11.2029	6 / 3	26.00	97.880	2.47	99.497
DE000 113514 3	6.250 Bund 00	04.01.2030	6 / 5	11.75	122.510	2.43	126.020
DE000 110249 9	0.000 Bund 20	15.02.2030	6 / 6	28.00	85.530	2.41	85.530
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	102.200	0.17	126.754
DE000 110250 7	0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.630	2.40	84.630
DE000 103070 8	0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.760	2.37	84.760
DE000 BU2700 6	2.400 Bund 23	15.11.2030	7 / 3	4.00	99.580	2.46	99.580
DE000 113517 6	5.500 Bund 00	04.01.2031	7 / 5	21.50	120.770	2.41	123.859
DE000 110253 1	0.000 Bund 21	15.02.2031	7 / 6	28.00	83.690	2.39	83.690
DE000 110256 4	0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.780	2.38	82.780
DE000 103073 2	0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	82.870	2.36	82.870
DE000 110258 0	0.000 Bund 22	15.02.2032	8 / 6	31.00	81.800	2.38	81.800
DE000 110260 6	1.700 Bund 22	15.08.2032	9 / 0	28.00	94.410	2.39	96.203
DE000 BU2200 7	2.300 Bund 23	15.02.2033	9 / 6	38.25	99.030	2.41	100.265
DE000 BU3200 5	2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	99.130	2.40	100.365
DE000 103058 3	0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	100.380	0.06	118.027
DE000 BU2201 5	2.600 Bund 23	15.08.2033	10 / 0	5.00	101.380	2.44	101.480
DE000 113522 6	4.750 Bund 03	04.07.2034	10 / 11	24.50	121.790	2.45	122.101
DE000 110251 5	0.000 Bund 20	15.05.2035	11 / 9	22.50	74.930	2.48	74.930
DE000 110254 9	0.000 Bund 21	15.05.2036	12 / 9	25.00	72.870	2.50	72.870
DE000 113527 5	4.000 Bund 05	04.01.2037	13 / 5	28.25	116.620	2.53	118.867
DE000 110259 8	1.000 Bund 22	15.05.2038	14 / 9	18.00	81.090	2.55	81.292
DE000 113532 5	4.250 Bund 07	04.07.2039	15 / 11	19.25	121.910	2.56	122.189
DE000 113536 6	4.750 Bund 08	04.07.2040	16 / 11	21.50	129.940	2.55	130.251
DE000 113543 2	3.250 Bund 10	04.07.2042	18 / 11	19.50	110.390	2.55	110.603
DE000 113548 1	2.500 Bund 12	04.07.2044	20 / 11	30.50	99.690	2.52	99.854
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	103.860	-0.07	129.292
DE000 110234 1	2.500 Bund 14	15.08.2046	23 / 0	31.50	100.320	2.48	102.697
DE000 110243 2	1.250 Bund 17	15.08.2048	25 / 0	36.50	77.930	2.44	79.118
DE000 110248 1	0.000 Bund 19	15.08.2050	27 / 0	38.50	52.510	2.41	52.510
DE000 103072 4	0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	52.780	2.39	52.780
DE000 110257 2	0.000 Bund 21	15.08.2052	29 / 0	24.50	50.000	2.41	50.000
DE000 110261 4	1.800 Bund 22	15.08.2053	30 / 0	19.50	85.670	2.48	87.381
DE000 103075 7	1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	85.820	2.47	87.531

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- 4) Only for inflation-linked bonds: yield in real terms reported without adjustment for inflation; the actual total amount is calculated from the product of the price including interest accrued and an index ratio.

Prices and yields of listed Federal securities as of 27.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 27.07.23	Yield	"Dirty price"
DE000 110232 5	2.000 Bund 13	15.08.2023	0 / 0	22.50	99.948	3.21	101.866
DE000 110485 9	0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.570	3.43	99.570
DE000 114178 6	0.000 BO S 178	13.10.2023	0 / 2	18.50	99.307	3.44	99.307
DE000 110486 7	0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.690	3.54	98.690
DE000 113492 2	6.250 Bund 94	04.01.2024	0 / 5	12.75	101.197	3.31	104.759
DE000 110233 3	1.750 Bund 14	15.02.2024	0 / 6	22.50	99.106	3.39	99.902
DE000 110487 5	0.000 BSA 22	15.03.2024	0 / 7	19.50	97.849	3.53	97.849
DE000 114179 4	0.000 BO S 179	05.04.2024	0 / 8	23.50	97.675	3.50	97.675
DE000 110235 8	1.500 Bund 14	15.05.2024	0 / 9	22.50	98.516	3.42	98.832
DE000 110488 3	0.200 BSA 22	14.06.2024	0 / 10	17.00	97.232	3.47	97.258
DE000 110236 6	1.000 Bund 14	15.08.2024	1 / 0	22.50	97.621	3.36	98.580
DE000 110489 1	0.000 BSA 22	13.09.2024	1 / 1	17.00	96.736	3.42	97.124
DE000 114180 2	0.000 BO S 180	18.10.2024	1 / 2	22.50	95.999	3.41	95.999
DE000 110490 9	0.000 BSA 22	12.12.2024	1 / 4	16.00	98.490	3.34	100.075
DE000 110237 4	0.500 Bund 15	15.02.2025	1 / 6	30.50	95.941	3.23	96.168
DE000 BU2200 7	2.500 BSA 23	13.03.2025	1 / 7	17.50	98.832	3.24	100.055
DE000 114181 0	0.000 BO S 181	11.04.2025	1 / 8	23.00	94.823	3.18	94.823
DE000 BU2201 5	2.800 BSA 23	12.06.2025	1 / 10	17.50	99.317	3.17	100.045
DE000 110238 2	1.000 Bund 15	15.08.2025	2 / 0	30.50	95.900	3.10	96.859
DE000 BU2202 3	3.100 BSA 23	18.09.2025	2 / 1	6.00	99.989	3.10	100.082
DE000 114182 8	0.000 BO S 182	10.10.2025	2 / 2	27.50	93.600	3.06	93.600
DE000 103071 6	0.000 BO Green	10.10.2025	2 / 2	7.50	93.745	2.99	93.745
DE000 110239 0	0.500 Bund 16	15.02.2026	2 / 6	33.50	94.100	2.94	94.327
DE000 114183 6	0.000 BO S 183	10.04.2026	2 / 8	28.00	92.540	2.92	92.540
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	98.270	0.75	121.426
DE000 110240 8	0.000 Bund 16	15.08.2026	3 / 0	32.50	91.940	2.80	91.940
DE000 114184 4	0.000 BO S 184	09.10.2026	3 / 2	24.00	91.540	2.81	91.540
DE000 110241 6	0.250 Bund 17	15.02.2027	3 / 6	30.50	91.780	2.71	91.894
DE000 114185 1	0.000 BO S 185	16.04.2027	3 / 8	22.00	90.590	2.70	90.590
DE000 113504 4	6.500 Bund 97	04.07.2027	3 / 11	13.75	114.040	2.68	114.520
DE000 110242 4	0.500 Bund 17	15.08.2027	4 / 0	32.50	91.920	2.63	92.399
DE000 114186 9	1.300 BO S 186	15.10.2027	4 / 2	28.50	94.730	2.64	96.140
DE000 103074 0	1.300 BO Green	15.10.2027	4 / 2	6.50	94.990	2.57	96.400
DE000 110252 3	0.000 Bund 20	15.11.2027	4 / 3	22.00	89.530	2.61	89.530
DE000 113506 9	5.625 Bund 98	04.01.2028	4 / 5	17.00	112.560	2.58	115.765
DE000 110244 0	0.500 Bund 18	15.02.2028	4 / 6	28.50	91.210	2.57	91.437
DE000 BU2500 0	2.200 BO S 187	13.04.2028	4 / 8	25.00	98.250	2.60	99.411
DE000 113508 5	4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.080	2.55	110.430
DE000 110245 7	0.250 Bund 18	15.08.2028	5 / 0	28.50	89.310	2.54	89.550
DE000 BU2501 8	2.400 BO S 188	19.10.2028	5 / 2	10.00	99.160	2.57	99.462
DE000 110255 6	0.000 Bund 21	15.11.2028	5 / 3	27.00	87.650	2.52	87.650
DE000 110246 5	0.250 Bund 19	15.02.2029	5 / 6	29.50	88.470	2.50	88.584
DE000 110247 3	0.000 Bund 19	15.08.2029	6 / 0	29.50	86.230	2.48	86.230
DE000 110262 2	2.100 Bund 22	15.11.2029	6 / 3	26.00	97.650	2.51	99.284
DE000 113514 3	6.250 Bund 00	04.01.2030	6 / 5	11.75	122.200	2.47	125.762
DE000 110249 9	0.000 Bund 20	15.02.2030	6 / 6	28.00	85.320	2.46	85.320
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	102.010	0.20	126.526
DE000 110250 7	0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.400	2.44	84.400
DE000 103070 8	0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.520	2.42	84.520
DE000 BU2700 6	2.400 Bund 23	15.11.2030	7 / 3	4.00	99.360	2.50	99.380
DE000 113517 6	5.500 Bund 00	04.01.2031	7 / 5	21.50	120.410	2.46	123.544
DE000 110253 1	0.000 Bund 21	15.02.2031	7 / 6	28.00	83.440	2.43	83.440
DE000 110256 4	0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.500	2.42	82.500
DE000 103073 2	0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	82.590	2.41	82.590
DE000 110258 0	0.000 Bund 22	15.02.2032	8 / 6	31.00	81.510	2.42	81.510
DE000 110260 6	1.700 Bund 22	15.08.2032	9 / 0	28.00	94.060	2.44	95.867
DE000 BU2200 7	2.300 Bund 23	15.02.2033	9 / 6	38.25	98.630	2.46	99.884
DE000 BU3200 5	2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	98.730	2.45	99.984
DE000 103058 3	0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	99.930	0.11	117.501
DE000 BU2201 5	2.600 Bund 23	15.08.2033	10 / 0	5.00	100.970	2.49	101.091
DE000 113522 6	4.750 Bund 03	04.07.2034	10 / 11	24.50	121.250	2.50	121.600
DE000 110251 5	0.000 Bund 20	15.05.2035	11 / 9	22.50	74.500	2.53	74.500
DE000 110254 9	0.000 Bund 21	15.05.2036	12 / 9	25.00	72.430	2.55	72.430
DE000 113527 5	4.000 Bund 05	04.01.2037	13 / 5	28.25	115.970	2.58	118.249
DE000 110259 8	1.000 Bund 22	15.05.2038	14 / 9	18.00	80.500	2.61	80.710
DE000 113532 5	4.250 Bund 07	04.07.2039	15 / 11	19.25	121.060	2.62	121.374
DE000 113536 6	4.750 Bund 08	04.07.2040	16 / 11	21.50	128.990	2.61	129.340
DE000 113543 2	3.250 Bund 10	04.07.2042	18 / 11	19.50	109.470	2.61	109.710
DE000 113548 1	2.500 Bund 12	04.07.2044	20 / 11	30.50	98.720	2.58	98.904
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	102.610	-0.01	127.740
DE000 110234 1	2.500 Bund 14	15.08.2046	23 / 0	31.50	99.260	2.54	101.657
DE000 110243 2	1.250 Bund 17	15.08.2048	25 / 0	36.50	76.960	2.50	78.159
DE000 110248 1	0.000 Bund 19	15.08.2050	27 / 0	38.50	51.710	2.47	51.710
DE000 103072 4	0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	52.000	2.45	52.000
DE000 110257 2	0.000 Bund 21	15.08.2052	29 / 0	24.50	49.200	2.47	49.200
DE000 110261 4	1.800 Bund 22	15.08.2053	30 / 0	19.50	84.650	2.54	86.376
DE000 103075 7	1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	84.720	2.53	86.446

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Prices and yields of listed Federal securities as of 28.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 28.07.23	Yield	"Dirty price"
DE000 110232 5	2.000 Bund 13	15.08.2023	0 / 0	22.50	99.945	3.28	101.863
DE000 110485 9	0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.580	3.35	99.580
DE000 114178 6	0.000 BO S 178	13.10.2023	0 / 2	18.50	99.314	3.41	99.314
DE000 110486 7	0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.714	3.47	98.714
DE000 113492 2	6.250 Bund 94	04.01.2024	0 / 5	12.75	101.185	3.34	104.747
DE000 110233 3	1.750 Bund 14	15.02.2024	0 / 6	22.50	99.120	3.37	99.916
DE000 110487 5	0.000 BSA 22	15.03.2024	0 / 7	19.50	97.888	3.46	97.888
DE000 114179 4	0.000 BO S 179	05.04.2024	0 / 8	23.50	97.715	3.44	97.715
DE000 110235 8	1.500 Bund 14	15.05.2024	0 / 9	22.50	98.561	3.36	98.877
DE000 110488 3	0.200 BSA 22	14.06.2024	0 / 10	17.00	97.284	3.41	97.310
DE000 110236 6	1.000 Bund 14	15.08.2024	1 / 0	22.50	97.700	3.28	98.659
DE000 110489 1	0.000 BSA 22	13.09.2024	1 / 1	17.00	96.798	3.36	97.186
DE000 114180 2	0.000 BO S 180	18.10.2024	1 / 2	22.50	96.070	3.35	96.070
DE000 110490 9	0.000 BSA 22	12.12.2024	1 / 4	16.00	98.568	3.28	100.153
DE000 110237 4	0.500 Bund 15	15.02.2025	1 / 6	30.50	96.020	3.18	96.247
DE000 BU2200 7	2.500 BSA 23	13.03.2025	1 / 7	17.50	98.905	3.20	100.128
DE000 114181 0	0.000 BO S 181	11.04.2025	1 / 8	23.00	94.923	3.12	94.923
DE000 BU2201 5	2.800 BSA 23	12.06.2025	1 / 10	17.50	99.442	3.10	100.170
DE000 110238 2	1.000 Bund 15	15.08.2025	2 / 0	30.50	96.023	3.04	96.982
DE000 BU2202 3	3.100 BSA 23	18.09.2025	2 / 1	6.00	100.124	3.03	100.217
DE000 114182 8	0.000 BO S 182	10.10.2025	2 / 2	27.50	93.736	2.99	93.736
DE000 103071 6	0.000 BO Green	10.10.2025	2 / 2	7.50	93.886	2.92	93.886
DE000 110239 0	0.500 Bund 16	15.02.2026	2 / 6	33.50	94.210	2.89	94.437
DE000 114183 6	0.000 BO S 183	10.04.2026	2 / 8	28.00	92.680	2.86	92.680
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	98.460	0.68	121.661
DE000 110240 8	0.000 Bund 16	15.08.2026	3 / 0	32.50	92.060	2.76	92.060
DE000 114184 4	0.000 BO S 184	09.10.2026	3 / 2	24.00	91.670	2.76	91.670
DE000 110241 6	0.250 Bund 17	15.02.2027	3 / 6	30.50	91.910	2.67	92.024
DE000 114185 1	0.000 BO S 185	16.04.2027	3 / 8	22.00	90.720	2.66	90.720
DE000 113504 4	6.500 Bund 97	04.07.2027	3 / 11	13.75	114.160	2.65	114.640
DE000 110242 4	0.500 Bund 17	15.08.2027	4 / 0	32.50	92.040	2.60	92.519
DE000 114186 9	1.300 BO S 186	15.10.2027	4 / 2	28.50	94.840	2.61	96.250
DE000 103074 0	1.300 BO Green	15.10.2027	4 / 2	6.50	95.090	2.54	96.500
DE000 110252 3	0.000 Bund 20	15.11.2027	4 / 3	22.00	89.620	2.59	89.620
DE000 113506 9	5.625 Bund 98	04.01.2028	4 / 5	17.00	112.650	2.56	115.855
DE000 110244 0	0.500 Bund 18	15.02.2028	4 / 6	28.50	91.280	2.56	91.507
DE000 BU2500 0	2.200 BO S 187	13.04.2028	4 / 8	25.00	98.330	2.58	99.491
DE000 113508 5	4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.170	2.53	110.520
DE000 110245 7	0.250 Bund 18	15.08.2028	5 / 0	28.50	89.380	2.52	89.620
DE000 BU2501 8	2.400 BO S 188	19.10.2028	5 / 2	10.00	99.250	2.55	99.552
DE000 110255 6	0.000 Bund 21	15.11.2028	5 / 3	27.00	87.730	2.50	87.730
DE000 110246 5	0.250 Bund 19	15.02.2029	5 / 6	29.50	88.540	2.49	88.654
DE000 110247 3	0.000 Bund 19	15.08.2029	6 / 0	29.50	86.280	2.47	86.280
DE000 110262 2	2.100 Bund 22	15.11.2029	6 / 3	26.00	97.680	2.50	99.314
DE000 113514 3	6.250 Bund 00	04.01.2030	6 / 5	11.75	122.210	2.47	125.772
DE000 110249 9	0.000 Bund 20	15.02.2030	6 / 6	28.00	85.330	2.45	85.330
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	102.320	0.15	126.909
DE000 110250 7	0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.400	2.44	84.400
DE000 103070 8	0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.530	2.42	84.530
DE000 BU2700 6	2.400 Bund 23	15.11.2030	7 / 3	4.00	99.370	2.49	99.390
DE000 113517 6	5.500 Bund 00	04.01.2031	7 / 5	21.50	120.410	2.46	123.544
DE000 110253 1	0.000 Bund 21	15.02.2031	7 / 6	28.00	83.450	2.43	83.450
DE000 110256 4	0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.470	2.43	82.470
DE000 103073 2	0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	82.560	2.41	82.560
DE000 110258 0	0.000 Bund 22	15.02.2032	8 / 6	31.00	81.440	2.43	81.440
DE000 110260 6	1.700 Bund 22	15.08.2032	9 / 0	28.00	93.940	2.46	95.747
DE000 BU2200 7	2.300 Bund 23	15.02.2033	9 / 6	38.25	98.520	2.47	99.774
DE000 BU3200 5	2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	98.620	2.46	99.874
DE000 103058 3	0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	100.060	0.09	117.654
DE000 BU2201 5	2.600 Bund 23	15.08.2033	10 / 0	5.00	100.870	2.50	100.991
DE000 113522 6	4.750 Bund 03	04.07.2034	10 / 11	24.50	121.090	2.52	121.440
DE000 110251 5	0.000 Bund 20	15.05.2035	11 / 9	22.50	74.360	2.54	74.360
DE000 110254 9	0.000 Bund 21	15.05.2036	12 / 9	25.00	72.260	2.57	72.260
DE000 113527 5	4.000 Bund 05	04.01.2037	13 / 5	28.25	115.660	2.60	117.939
DE000 110259 8	1.000 Bund 22	15.05.2038	14 / 9	18.00	80.250	2.63	80.460
DE000 113532 5	4.250 Bund 07	04.07.2039	15 / 11	19.25	120.700	2.64	121.014
DE000 113536 6	4.750 Bund 08	04.07.2040	16 / 11	21.50	128.600	2.63	128.950
DE000 113543 2	3.250 Bund 10	04.07.2042	18 / 11	19.50	109.030	2.64	109.270
DE000 113548 1	2.500 Bund 12	04.07.2044	20 / 11	30.50	98.250	2.61	98.434
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	101.620	0.03	126.508
DE000 110234 1	2.500 Bund 14	15.08.2046	23 / 0	31.50	98.690	2.58	101.087
DE000 110243 2	1.250 Bund 17	15.08.2048	25 / 0	36.50	76.410	2.53	77.609
DE000 110248 1	0.000 Bund 19	15.08.2050	27 / 0	38.50	51.200	2.51	51.200
DE000 103072 4	0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	51.470	2.49	51.470
DE000 110257 2	0.000 Bund 21	15.08.2052	29 / 0	24.50	48.660	2.51	48.660
DE000 110261 4	1.800 Bund 22	15.08.2053	30 / 0	19.50	83.830	2.58	85.556
DE000 103075 7	1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	83.960	2.57	85.686

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Prices and yields of listed Federal securities as of 31.07.23

ISIN 1)	Description 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 31.07.23	Yield	"Dirty price"
DE000 110232 5	2.000 Bund 13	15.08.2023	0 / 0	22.50	99.950	3.34	101.879
DE000 110485 9	0.000 BSA 21 III	15.09.2023	0 / 1	16.00	99.587	3.44	99.587
DE000 114178 6	0.000 BO S 178	13.10.2023	0 / 2	18.50	99.320	3.47	99.320
DE000 110486 7	0.000 BSA 21 IV	15.12.2023	0 / 4	18.00	98.720	3.51	98.720
DE000 113492 2	6.250 Bund 94	04.01.2024	0 / 5	12.75	101.195	3.28	104.791
DE000 110233 3	1.750 Bund 14	15.02.2024	0 / 6	22.50	99.121	3.38	99.926
DE000 110487 5	0.000 BSA 22	15.03.2024	0 / 7	19.50	97.885	3.50	97.885
DE000 114179 4	0.000 BO S 179	05.04.2024	0 / 8	23.50	97.714	3.47	97.714
DE000 110235 8	1.500 Bund 14	15.05.2024	0 / 9	22.50	98.558	3.38	98.882
DE000 110488 3	0.200 BSA 22	14.06.2024	0 / 10	17.00	97.281	3.43	97.308
DE000 110236 6	1.000 Bund 14	15.08.2024	1 / 0	22.50	97.678	3.32	98.642
DE000 110489 1	0.000 BSA 22	13.09.2024	1 / 1	17.00	96.788	3.38	97.178
DE000 114180 2	0.000 BO S 180	18.10.2024	1 / 2	22.50	96.062	3.37	96.062
DE000 110490 9	0.000 BSA 22	12.12.2024	1 / 4	16.00	98.536	3.31	100.133
DE000 110237 4	0.500 Bund 15	15.02.2025	1 / 6	30.50	95.976	3.22	96.206
DE000 BU2200 7	2.500 BSA 23	13.03.2025	1 / 7	17.50	98.861	3.23	100.098
DE000 114181 0	0.000 BO S 181	11.04.2025	1 / 8	23.00	94.890	3.15	94.890
DE000 BU2201 5	2.800 BSA 23	12.06.2025	1 / 10	17.50	99.398	3.13	100.141
DE000 110238 2	1.000 Bund 15	15.08.2025	2 / 0	30.50	95.977	3.07	96.941
DE000 BU2202 3	3.100 BSA 23	18.09.2025	2 / 1	6.00	100.061	3.06	100.171
DE000 114182 8	0.000 BO S 182	10.10.2025	2 / 2	27.50	93.684	3.03	93.684
DE000 103071 6	0.000 BO Green	10.10.2025	2 / 2	7.50	93.855	2.94	93.855
DE000 110239 0	0.500 Bund 16	15.02.2026	2 / 6	33.50	94.170	2.91	94.400
DE000 114183 6	0.000 BO S 183	10.04.2026	2 / 8	28.00	92.670	2.87	92.670
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	2 / 8	19.20	98.524	0.65	121.750
DE000 110240 8	0.000 Bund 16	15.08.2026	3 / 0	32.50	92.000	2.78	92.000
DE000 114184 4	0.000 BO S 184	09.10.2026	3 / 2	24.00	91.610	2.79	91.610
DE000 110241 6	0.250 Bund 17	15.02.2027	3 / 6	30.50	91.840	2.70	91.955
DE000 114185 1	0.000 BO S 185	16.04.2027	3 / 8	22.00	90.670	2.68	90.670
DE000 113504 4	6.500 Bund 97	04.07.2027	3 / 11	13.75	114.070	2.67	114.585
DE000 110242 4	0.500 Bund 17	15.08.2027	4 / 0	32.50	92.000	2.61	92.482
DE000 114186 9	1.300 BO S 186	15.10.2027	4 / 2	28.50	94.790	2.62	96.208
DE000 103074 0	1.300 BO Green	15.10.2027	4 / 2	6.50	95.050	2.56	96.468
DE000 110252 3	0.000 Bund 20	15.11.2027	4 / 3	22.00	89.590	2.60	89.590
DE000 113506 9	5.625 Bund 98	04.01.2028	4 / 5	17.00	112.580	2.58	115.816
DE000 110244 0	0.500 Bund 18	15.02.2028	4 / 6	28.50	91.240	2.57	91.470
DE000 BU2500 0	2.200 BO S 187	13.04.2028	4 / 8	25.00	98.270	2.59	99.444
DE000 113508 5	4.750 Bund 98 II	04.07.2028	4 / 11	13.75	110.070	2.55	110.446
DE000 110245 7	0.250 Bund 18	15.08.2028	5 / 0	28.50	89.310	2.54	89.551
DE000 BU2501 8	2.400 BO S 188	19.10.2028	5 / 2	10.00	99.161	2.57	99.477
DE000 110255 6	0.000 Bund 21	15.11.2028	5 / 3	27.00	87.650	2.52	87.650
DE000 110246 5	0.250 Bund 19	15.02.2029	5 / 6	29.50	88.460	2.51	88.575
DE000 110247 3	0.000 Bund 19	15.08.2029	6 / 0	29.50	86.210	2.49	86.210
DE000 110262 2	2.100 Bund 22	15.11.2029	6 / 3	26.00	97.590	2.52	99.235
DE000 113514 3	6.250 Bund 00	04.01.2030	6 / 5	11.75	122.090	2.48	125.686
DE000 110249 9	0.000 Bund 20	15.02.2030	6 / 6	28.00	85.240	2.47	85.240
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	6 / 8	22.15	102.376	0.14	126.992
DE000 110250 7	0.000 Bund 20 II	15.08.2030	7 / 0	33.50	84.300	2.46	84.300
DE000 103070 8	0.000 Bund 20 Green	15.08.2030	7 / 0	9.50	84.420	2.44	84.420
DE000 BU2700 6	2.400 Bund 23	15.11.2030	7 / 3	4.00	99.220	2.52	99.253
DE000 113517 6	5.500 Bund 00	04.01.2031	7 / 5	21.50	120.250	2.48	123.414
DE000 110253 1	0.000 Bund 21	15.02.2031	7 / 6	28.00	83.330	2.45	83.330
DE000 110256 4	0.000 Bund 21 II	15.08.2031	8 / 0	32.00	82.340	2.45	82.340
DE000 103073 2	0.000 Bund 21 Green	15.08.2031	8 / 0	9.00	82.440	2.43	82.440
DE000 110258 0	0.000 Bund 22	15.02.2032	8 / 6	31.00	81.330	2.45	81.330
DE000 110260 6	1.700 Bund 22	15.08.2032	9 / 0	28.00	93.840	2.47	95.656
DE000 BU2200 7	2.300 Bund 23	15.02.2033	9 / 6	38.25	98.390	2.49	99.657
DE000 BU3Z00 5	2.300 Bund 23 Green	15.02.2033	9 / 6	6.25	98.480	2.48	99.747
DE000 103058 3	0.100 Bund 21 index.	15.04.2033	9 / 8	9.85	100.200	0.08	117.829
DE000 BU2201 5	2.600 Bund 23	15.08.2033	10 / 0	5.00	100.700	2.52	100.835
DE000 113522 6	4.750 Bund 03	04.07.2034	10 / 11	24.50	120.870	2.54	121.246
DE000 110251 5	0.000 Bund 20	15.05.2035	11 / 9	22.50	74.190	2.57	74.190
DE000 110254 9	0.000 Bund 21	15.05.2036	12 / 9	25.00	72.010	2.60	72.010
DE000 113527 5	4.000 Bund 05	04.01.2037	13 / 5	28.25	115.360	2.63	117.661
DE000 110259 8	1.000 Bund 22	15.05.2038	14 / 9	18.00	79.970	2.66	80.186
DE000 113532 5	4.250 Bund 07	04.07.2039	15 / 11	19.25	120.400	2.66	120.737
DE000 113536 6	4.750 Bund 08	04.07.2040	16 / 11	21.50	128.270	2.65	128.646
DE000 113543 2	3.250 Bund 10	04.07.2042	18 / 11	19.50	108.720	2.66	108.978
DE000 113548 1	2.500 Bund 12	04.07.2044	20 / 11	30.50	97.970	2.63	98.168
DE000 103057 5	0.100 Bund 15 index.	15.04.2046	22 / 8	13.85	101.870	0.02	126.831
DE000 110234 1	2.500 Bund 14	15.08.2046	23 / 0	31.50	98.390	2.59	100.801
DE000 110243 2	1.250 Bund 17	15.08.2048	25 / 0	36.50	76.160	2.55	77.365
DE000 110248 1	0.000 Bund 19	15.08.2050	27 / 0	38.50	51.020	2.52	51.020
DE000 103072 4	0.000 Bund 21 Green	15.08.2050	27 / 0	10.00	51.260	2.50	51.260
DE000 110257 2	0.000 Bund 21	15.08.2052	29 / 0	24.50	48.430	2.53	48.430
DE000 110261 4	1.800 Bund 22	15.08.2053	30 / 0	19.50	83.610	2.59	85.346
DE000 103075 7	1.800 Bund 23 Green	15.08.2053	30 / 0	4.50	83.780	2.58	85.516

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