



**Prices and yields
of listed Federal securities
October 2017**

Prices and yields of listed Federal securities as of 02.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 02.10.17 | Yield | Net yield 4) | "Dirty price" |
|--------------|---------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 114164 | 6 0.500 BO S 164 | 13.10.2017 | 0 / 0 | 16.0 | 100.029 | -0.67 | -0.50 | 100.517 |
| DE000 110462 | 8 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.146 | -0.74 | -0.54 | 100.146 |
| DE000 113534 | 1 4.000 Bund 07 | 04.01.2018 | 0 / 3 | 20.0 | 101.225 | -0.83 | -0.61 | 104.217 |
| DE000 114165 | 3 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.502 | -0.78 | -0.58 | 100.807 |
| DE000 110463 | 6 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.344 | -0.77 | -0.57 | 100.344 |
| DE000 114166 | 1 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.523 | -0.74 | -0.55 | 100.642 |
| DE000 103053 | 4 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.890 | -0.92 | - | 108.847 |
| DE000 110464 | 4 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.525 | -0.75 | -0.55 | 100.525 |
| DE000 113535 | 8 4.250 Bund 08 | 04.07.2018 | 0 / 9 | 21.0 | 103.773 | -0.76 | -0.56 | 104.844 |
| DE000 110465 | 1 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.713 | -0.75 | -0.55 | 100.713 |
| DE000 114167 | 9 1.000 BO S 167 | 12.10.2018 | 1 / 0 | 17.0 | 101.814 | -0.76 | -0.56 | 102.792 |
| DE000 110466 | 9 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.909 | -0.75 | -0.56 | 100.909 |
| DE000 113537 | 4 3.750 Bund 08 | 04.01.2019 | 1 / 3 | 24.0 | 105.734 | -0.79 | -0.58 | 108.539 |
| DE000 114168 | 7 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.473 | -0.77 | -0.56 | 103.087 |
| DE000 110467 | 7 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.117 | -0.77 | -0.56 | 101.117 |
| DE000 114169 | 5 0.500 BO S 169 | 12.04.2019 | 1 / 6 | 16.0 | 101.928 | -0.76 | -0.56 | 102.168 |
| DE000 110468 | 5 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.286 | -0.75 | -0.55 | 101.286 |
| DE000 113538 | 2 3.500 Bund 09 | 04.07.2019 | 1 / 9 | 24.0 | 107.512 | -0.75 | -0.55 | 108.394 |
| DE000 110469 | 3 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.389 | -0.71 | -0.52 | 101.389 |
| DE000 114170 | 3 0.250 BO S 170 | 11.10.2019 | 2 / 0 | 16.0 | 101.973 | -0.72 | -0.53 | 102.218 |
| DE000 113539 | 0 3.250 Bund 09 | 04.01.2020 | 2 / 3 | 22.0 | 109.000 | -0.70 | -0.51 | 111.431 |
| DE000 103052 | 6 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.730 | -1.60 | - | 121.413 |
| DE000 114171 | 1 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.700 | -0.66 | -0.49 | 101.700 |
| DE000 113540 | 8 3.000 Bund 10 | 04.07.2020 | 2 / 9 | 22.0 | 110.160 | -0.65 | -0.48 | 110.916 |
| DE000 113541 | 6 2.250 Bund 10 | 04.09.2020 | 2 / 11 | 16.0 | 108.540 | -0.64 | -0.47 | 108.725 |
| DE000 114172 | 9 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.630 | -0.61 | -0.45 | 102.872 |
| DE000 113542 | 4 2.500 Bund 10 | 04.01.2021 | 3 / 3 | 19.0 | 110.150 | -0.58 | -0.42 | 112.020 |
| DE000 114173 | 7 0.000 BO S 173 | 09.04.2021 | 3 / 6 | 21.0 | 101.910 | -0.54 | -0.39 | 101.910 |
| DE000 113544 | 0 3.250 Bund 11 | 04.07.2021 | 3 / 9 | 19.0 | 114.290 | -0.52 | -0.38 | 115.109 |
| DE000 113545 | 7 2.250 Bund 11 | 04.09.2021 | 3 / 11 | 16.0 | 110.860 | -0.49 | -0.36 | 111.045 |
| DE000 114174 | 5 0.000 BO S 174 | 08.10.2021 | 4 / 0 | 19.0 | 101.860 | -0.46 | -0.34 | 101.860 |
| DE000 113546 | 5 2.000 Bund 11 | 04.01.2022 | 4 / 3 | 20.0 | 110.440 | -0.43 | -0.31 | 111.936 |
| DE000 114175 | 2 0.000 BO S 175 | 08.04.2022 | 4 / 6 | 18.0 | 101.710 | -0.38 | -0.28 | 101.710 |
| DE000 113547 | 3 1.750 Bund 12 | 04.07.2022 | 4 / 9 | 24.0 | 110.080 | -0.35 | -0.26 | 110.521 |
| DE000 113549 | 9 1.500 Bund 12 | 04.09.2022 | 4 / 11 | 18.0 | 109.030 | -0.32 | -0.23 | 109.153 |
| DE000 114176 | 0 0.000 BO S 176 | 07.10.2022 | 5 / 0 | 11.0 | 101.420 | -0.28 | -0.21 | 101.420 |
| DE000 110230 | 9 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.370 | -0.23 | -0.17 | 110.319 |
| DE000 103054 | 2 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 108.050 | -1.30 | 0.00 | 113.227 |
| DE000 110231 | 7 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.590 | -0.20 | -0.14 | 110.174 |
| DE000 110232 | 5 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.730 | -0.16 | -0.12 | 113.004 |
| DE000 113492 | 2 6.250 Bund 94 | 04.01.2024 | 6 / 3 | 10.3 | 139.770 | -0.09 | -0.06 | 144.445 |
| DE000 110233 | 3 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.770 | -0.09 | -0.07 | 112.878 |
| DE000 110235 | 8 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.300 | -0.05 | -0.04 | 110.884 |
| DE000 110236 | 6 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 106.990 | -0.02 | -0.01 | 107.127 |
| DE000 110237 | 4 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.230 | 0.06 | 0.04 | 103.546 |
| DE000 110238 | 2 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 106.820 | 0.13 | 0.09 | 106.957 |
| DE000 110239 | 0 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.360 | 0.22 | 0.16 | 102.676 |
| DE000 103056 | 7 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 11.0 | 109.930 | -1.01 | -0.73 | 112.119 |
| DE000 110240 | 8 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.350 | 0.30 | 0.22 | 97.350 |
| DE000 110241 | 6 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 98.760 | 0.39 | 0.28 | 98.941 |
| DE000 113504 | 4 6.500 Bund 97 | 04.07.2027 | 9 / 9 | 11.3 | 158.720 | 0.36 | 0.25 | 160.358 |
| DE000 110242 | 4 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 14.0 | 100.370 | 0.46 | 0.34 | 100.482 |
| DE000 113506 | 9 5.625 Bund 98 | 04.01.2028 | 10 / 3 | 14.5 | 152.080 | 0.42 | 0.30 | 156.287 |
| DE000 113508 | 5 4.750 Bund 98 II | 04.07.2028 | 10 / 9 | 11.3 | 144.490 | 0.49 | 0.35 | 145.687 |
| DE000 113514 | 3 6.250 Bund 00 | 04.01.2030 | 12 / 3 | 9.3 | 166.710 | 0.59 | 0.41 | 171.385 |
| DE000 103055 | 9 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 114.650 | -0.62 | - | 117.435 |
| DE000 113517 | 6 5.500 Bund 00 | 04.01.2031 | 13 / 3 | 17.0 | 161.150 | 0.66 | 0.46 | 165.264 |
| DE000 113522 | 6 4.750 Bund 03 | 04.07.2034 | 16 / 9 | 20.0 | 160.570 | 0.85 | 0.60 | 161.767 |
| DE000 113527 | 5 4.000 Bund 05 | 04.01.2037 | 19 / 3 | 23.0 | 153.140 | 0.96 | 0.68 | 156.132 |
| DE000 113532 | 5 4.250 Bund 07 | 04.07.2039 | 21 / 9 | 14.0 | 162.310 | 1.04 | 0.72 | 163.381 |
| DE000 113536 | 6 4.750 Bund 08 | 04.07.2040 | 22 / 9 | 16.0 | 174.450 | 1.05 | 0.73 | 175.647 |
| DE000 113543 | 2 3.250 Bund 10 | 04.07.2042 | 24 / 9 | 15.0 | 145.160 | 1.14 | 0.81 | 145.979 |
| DE000 113548 | 1 2.500 Bund 12 | 04.07.2044 | 26 / 9 | 22.0 | 129.280 | 1.21 | 0.87 | 129.910 |
| DE000 103057 | 5 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 112.700 | -0.32 | - | 115.807 |
| DE000 110234 | 1 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 130.260 | 1.25 | - | 130.602 |
| DE000 110243 | 2 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 98.930 | 1.29 | 0.95 | 99.101 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 04.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 04.10.17 | Yield | Net yield 4) | "Dirty price" |
|--------------|---------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 114164 | 6 0.500 BO S 164 | 13.10.2017 | 0 / 0 | 16.0 | 100.022 | -0.64 | -0.47 | 100.512 |
| DE000 110462 | 8 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.138 | -0.72 | -0.53 | 100.138 |
| DE000 113534 | 1 4.000 Bund 07 | 04.01.2018 | 0 / 3 | 20.0 | 101.199 | -0.83 | -0.61 | 104.213 |
| DE000 114165 | 3 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.500 | -0.80 | -0.59 | 100.808 |
| DE000 110463 | 6 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.338 | -0.76 | -0.56 | 100.338 |
| DE000 114166 | 1 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.520 | -0.75 | -0.55 | 100.641 |
| DE000 103053 | 4 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.850 | -0.86 | - | 108.826 |
| DE000 110464 | 4 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.523 | -0.75 | -0.55 | 100.523 |
| DE000 113535 | 8 4.250 Bund 08 | 04.07.2018 | 0 / 9 | 21.0 | 103.744 | -0.76 | -0.56 | 104.839 |
| DE000 110465 | 1 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.714 | -0.75 | -0.56 | 100.714 |
| DE000 114167 | 9 1.000 BO S 167 | 12.10.2018 | 1 / 0 | 17.0 | 101.816 | -0.77 | -0.57 | 102.800 |
| DE000 110466 | 9 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.920 | -0.77 | -0.56 | 100.920 |
| DE000 113537 | 4 3.750 Bund 08 | 04.01.2019 | 1 / 3 | 24.0 | 105.722 | -0.80 | -0.59 | 108.547 |
| DE000 114168 | 7 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.482 | -0.78 | -0.57 | 103.101 |
| DE000 110467 | 7 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.132 | -0.78 | -0.57 | 101.132 |
| DE000 114169 | 5 0.500 BO S 169 | 12.04.2019 | 1 / 6 | 16.0 | 101.942 | -0.77 | -0.57 | 102.184 |
| DE000 110468 | 5 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.300 | -0.76 | -0.56 | 101.300 |
| DE000 113538 | 2 3.500 Bund 09 | 04.07.2019 | 1 / 9 | 24.0 | 107.504 | -0.76 | -0.56 | 108.405 |
| DE000 110469 | 3 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.408 | -0.72 | -0.53 | 101.408 |
| DE000 114170 | 3 0.250 BO S 170 | 11.10.2019 | 2 / 0 | 16.0 | 101.991 | -0.73 | -0.54 | 102.238 |
| DE000 113539 | 0 3.250 Bund 09 | 04.01.2020 | 2 / 3 | 22.0 | 109.010 | -0.71 | -0.52 | 111.459 |
| DE000 103052 | 6 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.700 | -1.60 | - | 121.411 |
| DE000 114171 | 1 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.720 | -0.67 | -0.49 | 101.720 |
| DE000 113540 | 8 3.000 Bund 10 | 04.07.2020 | 2 / 9 | 22.0 | 110.170 | -0.66 | -0.48 | 110.943 |
| DE000 113541 | 6 2.250 Bund 10 | 04.09.2020 | 2 / 11 | 16.0 | 108.560 | -0.65 | -0.48 | 108.757 |
| DE000 114172 | 9 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.670 | -0.62 | -0.46 | 102.913 |
| DE000 113542 | 4 2.500 Bund 10 | 04.01.2021 | 3 / 3 | 19.0 | 110.190 | -0.60 | -0.44 | 112.074 |
| DE000 114173 | 7 0.000 BO S 173 | 09.04.2021 | 3 / 6 | 21.0 | 101.960 | -0.55 | -0.41 | 101.960 |
| DE000 113544 | 0 3.250 Bund 11 | 04.07.2021 | 3 / 9 | 19.0 | 114.340 | -0.53 | -0.39 | 115.177 |
| DE000 113545 | 7 2.250 Bund 11 | 04.09.2021 | 3 / 11 | 16.0 | 110.910 | -0.50 | -0.37 | 111.107 |
| DE000 114174 | 5 0.000 BO S 174 | 08.10.2021 | 4 / 0 | 19.0 | 101.920 | -0.47 | -0.35 | 101.920 |
| DE000 113546 | 5 2.000 Bund 11 | 04.01.2022 | 4 / 3 | 20.0 | 110.510 | -0.45 | -0.33 | 112.017 |
| DE000 114175 | 2 0.000 BO S 175 | 08.04.2022 | 4 / 6 | 18.0 | 101.770 | -0.39 | -0.29 | 101.770 |
| DE000 113547 | 3 1.750 Bund 12 | 04.07.2022 | 4 / 9 | 24.0 | 110.160 | -0.37 | -0.27 | 110.611 |
| DE000 113549 | 9 1.500 Bund 12 | 04.09.2022 | 4 / 11 | 18.0 | 109.110 | -0.34 | -0.25 | 109.242 |
| DE000 114176 | 0 0.000 BO S 176 | 07.10.2022 | 5 / 0 | 11.0 | 101.500 | -0.30 | -0.22 | 101.500 |
| DE000 110230 | 9 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.465 | -0.25 | -0.18 | 110.423 |
| DE000 103054 | 2 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 108.070 | -1.30 | 0.00 | 113.268 |
| DE000 110231 | 7 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.670 | -0.21 | -0.16 | 110.262 |
| DE000 110232 | 5 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.810 | -0.17 | -0.13 | 113.095 |
| DE000 113492 | 2 6.250 Bund 94 | 04.01.2024 | 6 / 3 | 10.3 | 139.905 | -0.11 | -0.08 | 144.614 |
| DE000 110233 | 3 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.880 | -0.11 | -0.08 | 112.997 |
| DE000 110235 | 8 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.420 | -0.07 | -0.05 | 111.012 |
| DE000 110236 | 6 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 107.115 | -0.04 | -0.03 | 107.257 |
| DE000 110237 | 4 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.375 | 0.04 | 0.03 | 103.694 |
| DE000 110238 | 2 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 106.975 | 0.11 | 0.08 | 107.117 |
| DE000 110239 | 0 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.520 | 0.20 | 0.14 | 102.839 |
| DE000 103056 | 7 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 11.0 | 110.070 | -1.02 | -0.75 | 112.283 |
| DE000 110240 | 8 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.525 | 0.28 | 0.21 | 97.525 |
| DE000 110241 | 6 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 98.945 | 0.36 | 0.27 | 99.127 |
| DE000 113504 | 4 6.500 Bund 97 | 04.07.2027 | 9 / 9 | 11.3 | 158.905 | 0.34 | 0.24 | 160.579 |
| DE000 110242 | 4 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 17.0 | 100.560 | 0.44 | 0.33 | 100.675 |
| DE000 113506 | 9 5.625 Bund 98 | 04.01.2028 | 10 / 3 | 14.5 | 152.310 | 0.40 | 0.28 | 156.548 |
| DE000 113508 | 5 4.750 Bund 98 II | 04.07.2028 | 10 / 9 | 11.3 | 144.730 | 0.47 | 0.33 | 145.953 |
| DE000 113514 | 3 6.250 Bund 00 | 04.01.2030 | 12 / 3 | 9.3 | 166.970 | 0.57 | 0.40 | 171.679 |
| DE000 103055 | 9 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 114.850 | -0.64 | - | 117.663 |
| DE000 113517 | 6 5.500 Bund 00 | 04.01.2031 | 13 / 3 | 17.0 | 161.380 | 0.65 | 0.45 | 165.524 |
| DE000 113522 | 6 4.750 Bund 03 | 04.07.2034 | 16 / 9 | 20.0 | 160.880 | 0.84 | 0.58 | 162.103 |
| DE000 113527 | 5 4.000 Bund 05 | 04.01.2037 | 19 / 3 | 23.0 | 153.485 | 0.95 | 0.66 | 156.499 |
| DE000 113532 | 5 4.250 Bund 07 | 04.07.2039 | 21 / 9 | 14.0 | 162.690 | 1.02 | 0.71 | 163.785 |
| DE000 113536 | 6 4.750 Bund 08 | 04.07.2040 | 22 / 9 | 16.0 | 174.880 | 1.04 | 0.72 | 176.103 |
| DE000 113543 | 2 3.250 Bund 10 | 04.07.2042 | 24 / 9 | 15.0 | 145.590 | 1.13 | 0.80 | 146.427 |
| DE000 113548 | 1 2.500 Bund 12 | 04.07.2044 | 26 / 9 | 22.0 | 129.650 | 1.20 | 0.86 | 130.294 |
| DE000 103057 | 5 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 113.000 | -0.33 | - | 116.136 |
| DE000 110234 | 1 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 130.650 | 1.23 | - | 131.006 |
| DE000 110243 | 2 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 99.260 | 1.28 | 0.94 | 99.438 |

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4) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

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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 05.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 05.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 114164 6 | 0.500 BO S 164 | 13.10.2017 | 0 / 0 | 16.0 | 100.010 | -0.41 | -0.30 | 100.505 |
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.131 | -0.71 | -0.52 | 100.131 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.160 | -0.83 | -0.62 | 104.207 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.480 | -0.77 | -0.57 | 100.792 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.330 | -0.76 | -0.56 | 100.330 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.509 | -0.74 | -0.55 | 100.632 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.810 | -0.81 | - | 108.818 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.505 | -0.74 | -0.54 | 100.505 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.690 | -0.74 | -0.55 | 104.819 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.691 | -0.74 | -0.54 | 100.691 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 1 / 0 | 17.0 | 101.782 | -0.75 | -0.56 | 102.774 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.890 | -0.75 | -0.55 | 100.890 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.670 | -0.79 | -0.58 | 108.526 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.445 | -0.76 | -0.56 | 103.072 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.100 | -0.76 | -0.56 | 101.100 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 6 | 16.0 | 101.907 | -0.75 | -0.55 | 102.154 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.265 | -0.75 | -0.55 | 101.265 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.440 | -0.74 | -0.55 | 108.370 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.362 | -0.70 | -0.51 | 101.362 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 2 / 0 | 16.0 | 101.945 | -0.71 | -0.52 | 102.194 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.930 | -0.69 | -0.51 | 111.405 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.650 | -1.59 | - | 121.403 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.670 | -0.65 | -0.48 | 101.670 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.090 | -0.65 | -0.47 | 110.887 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.480 | -0.63 | -0.46 | 108.696 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.610 | -0.60 | -0.44 | 102.855 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.090 | -0.58 | -0.42 | 111.994 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 6 | 21.0 | 101.880 | -0.53 | -0.39 | 101.880 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.220 | -0.51 | -0.37 | 115.084 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.800 | -0.48 | -0.35 | 111.016 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 4 / 0 | 19.0 | 101.840 | -0.46 | -0.33 | 101.840 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.390 | -0.42 | -0.31 | 111.913 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 6 | 18.0 | 101.670 | -0.37 | -0.27 | 101.670 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.030 | -0.35 | -0.25 | 110.495 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.990 | -0.32 | -0.23 | 109.134 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 5 / 0 | 11.0 | 101.390 | -0.28 | -0.20 | 101.390 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.335 | -0.23 | -0.17 | 110.305 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 107.950 | -1.28 | 0.00 | 113.173 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.535 | -0.19 | -0.14 | 110.139 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.675 | -0.16 | -0.11 | 112.976 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.725 | -0.10 | -0.07 | 144.485 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.745 | -0.09 | -0.07 | 112.877 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.290 | -0.06 | -0.04 | 110.894 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 107.000 | -0.02 | -0.02 | 107.151 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.290 | 0.05 | 0.04 | 103.613 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 106.900 | 0.12 | 0.09 | 107.051 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.465 | 0.20 | 0.15 | 102.788 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 11.0 | 109.950 | -1.01 | -0.74 | 112.190 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.490 | 0.29 | 0.21 | 97.490 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 98.890 | 0.37 | 0.27 | 99.074 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.765 | 0.35 | 0.24 | 160.492 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 17.0 | 100.495 | 0.45 | 0.33 | 100.614 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.190 | 0.41 | 0.29 | 156.474 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.615 | 0.48 | 0.34 | 145.877 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.830 | 0.58 | 0.40 | 171.590 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 114.880 | -0.64 | - | 117.728 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.240 | 0.66 | 0.46 | 165.429 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.765 | 0.84 | 0.59 | 162.027 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.390 | 0.95 | 0.67 | 156.437 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.600 | 1.02 | 0.71 | 163.729 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 174.790 | 1.04 | 0.72 | 176.052 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.530 | 1.13 | 0.80 | 146.394 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.530 | 1.20 | 0.86 | 130.194 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 113.020 | -0.33 | - | 116.187 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 130.530 | 1.24 | - | 130.907 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 99.140 | 1.28 | 0.95 | 99.328 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 06.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 06.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 114164 6 | 0.500 BO S 164 | 13.10.2017 | 0 / 0 | 16.0 | 100.010 | -0.41 | -0.30 | 100.505 |
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.130 | -0.71 | -0.52 | 100.130 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.145 | -0.77 | -0.57 | 104.192 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.475 | -0.76 | -0.56 | 100.787 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.325 | -0.75 | -0.55 | 100.325 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.500 | -0.73 | -0.54 | 100.623 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.800 | -0.79 | - | 108.808 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.500 | -0.73 | -0.54 | 100.500 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.680 | -0.73 | -0.54 | 104.809 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.685 | -0.73 | -0.54 | 100.685 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 1 / 0 | 17.0 | 101.771 | -0.74 | -0.55 | 102.763 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.880 | -0.74 | -0.54 | 100.880 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.640 | -0.76 | -0.56 | 108.496 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.430 | -0.75 | -0.55 | 103.057 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.088 | -0.75 | -0.55 | 101.088 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 6 | 16.0 | 101.890 | -0.74 | -0.55 | 102.137 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.250 | -0.74 | -0.54 | 101.250 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.410 | -0.73 | -0.53 | 108.340 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.345 | -0.69 | -0.51 | 101.345 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 2 / 0 | 16.0 | 101.920 | -0.70 | -0.51 | 102.169 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.900 | -0.68 | -0.50 | 111.375 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.630 | -1.58 | - | 121.381 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.640 | -0.64 | -0.47 | 101.640 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.040 | -0.63 | -0.46 | 110.837 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.430 | -0.62 | -0.45 | 108.646 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.550 | -0.58 | -0.43 | 102.795 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.030 | -0.56 | -0.41 | 111.934 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 6 | 21.0 | 101.820 | -0.51 | -0.38 | 101.820 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.130 | -0.49 | -0.36 | 114.994 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.710 | -0.46 | -0.34 | 110.926 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 4 / 0 | 19.0 | 101.760 | -0.44 | -0.32 | 101.760 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.280 | -0.40 | -0.29 | 111.803 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 6 | 18.0 | 101.550 | -0.34 | -0.25 | 101.550 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 109.880 | -0.32 | -0.23 | 110.345 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.850 | -0.29 | -0.21 | 108.994 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 5 / 0 | 11.0 | 101.250 | -0.25 | -0.18 | 101.250 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.185 | -0.20 | -0.15 | 110.155 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 107.890 | -1.27 | 0.00 | 113.110 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.375 | -0.17 | -0.12 | 109.979 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.495 | -0.13 | -0.09 | 112.796 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.490 | -0.07 | -0.05 | 144.250 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.550 | -0.06 | -0.05 | 112.682 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.090 | -0.03 | -0.02 | 110.694 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 106.790 | 0.01 | 0.01 | 106.941 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.050 | 0.08 | 0.06 | 103.373 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 106.630 | 0.15 | 0.11 | 106.781 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.190 | 0.23 | 0.17 | 102.513 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 11.0 | 109.870 | -1.00 | -0.73 | 112.108 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.200 | 0.32 | 0.24 | 97.200 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 98.595 | 0.40 | 0.30 | 98.779 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.370 | 0.38 | 0.27 | 160.097 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 17.0 | 100.200 | 0.48 | 0.35 | 100.319 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 151.830 | 0.44 | 0.31 | 156.114 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.230 | 0.51 | 0.36 | 145.492 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.300 | 0.61 | 0.43 | 171.060 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 114.650 | -0.62 | - | 117.492 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 160.680 | 0.69 | 0.48 | 164.869 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.060 | 0.88 | 0.61 | 161.322 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 152.600 | 0.99 | 0.69 | 155.647 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 161.690 | 1.06 | 0.74 | 162.819 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 173.820 | 1.07 | 0.74 | 175.082 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 144.630 | 1.16 | 0.82 | 145.494 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 128.730 | 1.23 | 0.88 | 129.394 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 112.310 | -0.31 | - | 115.457 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 129.660 | 1.27 | - | 130.037 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 98.390 | 1.31 | 0.97 | 98.578 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

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

Prices and yields of listed Federal securities as of 09.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 09.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 114164 6 | 0.500 BO S 164 | 13.10.2017 | 0 / 0 | 16.0 | 100.007 | -0.77 | -0.57 | 100.504 |
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.129 | -0.72 | -0.53 | 100.129 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.131 | -0.82 | -0.61 | 104.199 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.479 | -0.79 | -0.58 | 100.794 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.326 | -0.76 | -0.56 | 100.326 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.501 | -0.74 | -0.54 | 100.625 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.790 | -0.79 | - | 108.820 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.506 | -0.74 | -0.55 | 100.506 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.672 | -0.75 | -0.56 | 104.825 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.698 | -0.75 | -0.55 | 100.698 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 1 / 0 | 17.0 | 101.783 | -0.76 | -0.56 | 102.780 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.900 | -0.76 | -0.56 | 100.900 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.652 | -0.79 | -0.58 | 108.529 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.448 | -0.77 | -0.57 | 103.081 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.106 | -0.77 | -0.57 | 101.106 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 6 | 16.0 | 101.912 | -0.76 | -0.56 | 102.161 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.279 | -0.76 | -0.56 | 101.279 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.431 | -0.75 | -0.55 | 108.380 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.378 | -0.71 | -0.52 | 101.378 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 2 / 0 | 16.0 | 101.950 | -0.71 | -0.53 | 101.950 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.920 | -0.70 | -0.51 | 111.413 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.650 | -1.60 | - | 121.435 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.680 | -0.66 | -0.49 | 101.680 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.080 | -0.65 | -0.47 | 110.894 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.470 | -0.64 | -0.46 | 108.698 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.610 | -0.61 | -0.44 | 102.857 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.080 | -0.58 | -0.42 | 111.998 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 6 | 21.0 | 101.880 | -0.53 | -0.39 | 101.880 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.200 | -0.51 | -0.37 | 115.082 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.790 | -0.48 | -0.35 | 111.018 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.830 | -0.45 | -0.33 | 101.830 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.360 | -0.42 | -0.31 | 111.894 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.650 | -0.36 | -0.27 | 101.650 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 109.990 | -0.34 | -0.25 | 110.465 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.960 | -0.31 | -0.23 | 109.112 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 11.0 | 101.360 | -0.27 | -0.20 | 101.360 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.326 | -0.23 | -0.17 | 110.304 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 108.050 | -1.30 | 0.00 | 113.298 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.527 | -0.19 | -0.14 | 110.139 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.658 | -0.15 | -0.11 | 112.970 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.677 | -0.09 | -0.07 | 144.472 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.737 | -0.09 | -0.07 | 112.878 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.285 | -0.06 | -0.04 | 110.897 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 106.993 | -0.02 | -0.02 | 107.149 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.272 | 0.05 | 0.04 | 103.598 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 106.872 | 0.12 | 0.09 | 107.028 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.451 | 0.20 | 0.15 | 102.777 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 11.0 | 110.070 | -1.03 | -0.75 | 112.332 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.476 | 0.29 | 0.21 | 97.476 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 98.883 | 0.37 | 0.27 | 99.069 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.743 | 0.35 | 0.24 | 160.506 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 17.0 | 100.504 | 0.45 | 0.33 | 100.626 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.250 | 0.40 | 0.28 | 156.565 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.645 | 0.47 | 0.33 | 145.933 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.785 | 0.58 | 0.40 | 171.580 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 115.060 | -0.65 | - | 117.934 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.185 | 0.66 | 0.46 | 165.404 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.665 | 0.85 | 0.59 | 161.953 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.260 | 0.96 | 0.67 | 156.328 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.445 | 1.03 | 0.72 | 163.598 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 174.645 | 1.04 | 0.72 | 175.933 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.420 | 1.13 | 0.80 | 146.302 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.485 | 1.20 | 0.86 | 130.163 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 113.250 | -0.34 | - | 116.444 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 130.455 | 1.24 | - | 130.845 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 99.075 | 1.29 | 0.95 | 99.270 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 10.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 10.10.17 | Yield | Net yield 4) | "Dirty price" |
|--------------|---------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 114164 | 6 0.500 BO S 164 | 13.10.2017 | 0 / 0 | 16.0 | 100.005 | -1.32 | -0.97 | 100.504 |
| DE000 110462 | 8 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.128 | -0.73 | -0.54 | 100.128 |
| DE000 113534 | 1 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.115 | -0.81 | -0.60 | 104.194 |
| DE000 114165 | 3 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.475 | -0.79 | -0.58 | 100.791 |
| DE000 110463 | 6 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.320 | -0.75 | -0.55 | 100.320 |
| DE000 114166 | 1 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.495 | -0.73 | -0.54 | 100.620 |
| DE000 103053 | 4 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.800 | -0.82 | - | 108.843 |
| DE000 110464 | 4 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.500 | -0.74 | -0.54 | 100.500 |
| DE000 113535 | 8 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.657 | -0.75 | -0.55 | 104.821 |
| DE000 110465 | 1 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.693 | -0.75 | -0.55 | 100.693 |
| DE000 114167 | 9 1.000 BO S 167 | 12.10.2018 | 1 / 0 | 17.0 | 101.777 | -0.76 | -0.56 | 101.777 |
| DE000 110466 | 9 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.900 | -0.76 | -0.56 | 100.900 |
| DE000 113537 | 4 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.642 | -0.79 | -0.58 | 108.529 |
| DE000 114168 | 7 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.450 | -0.78 | -0.57 | 103.086 |
| DE000 110467 | 7 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.113 | -0.78 | -0.57 | 101.113 |
| DE000 114169 | 5 0.500 BO S 169 | 12.04.2019 | 1 / 6 | 16.0 | 101.914 | -0.76 | -0.56 | 102.165 |
| DE000 110468 | 5 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.290 | -0.76 | -0.56 | 101.290 |
| DE000 113538 | 2 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.430 | -0.76 | -0.56 | 108.389 |
| DE000 110469 | 3 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.385 | -0.71 | -0.52 | 101.385 |
| DE000 114170 | 3 0.250 BO S 170 | 11.10.2019 | 2 / 0 | 16.0 | 101.960 | -0.72 | -0.53 | 101.961 |
| DE000 113539 | 0 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.930 | -0.71 | -0.52 | 111.432 |
| DE000 103052 | 6 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.660 | -1.61 | - | 121.461 |
| DE000 114171 | 1 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.690 | -0.66 | -0.49 | 101.690 |
| DE000 113540 | 8 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.081 | -0.65 | -0.48 | 110.903 |
| DE000 113541 | 6 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.480 | -0.64 | -0.47 | 108.714 |
| DE000 114172 | 9 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.620 | -0.61 | -0.45 | 102.867 |
| DE000 113542 | 4 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.090 | -0.58 | -0.43 | 112.015 |
| DE000 114173 | 7 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.900 | -0.54 | -0.40 | 101.900 |
| DE000 113544 | 0 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.220 | -0.52 | -0.38 | 115.110 |
| DE000 113545 | 7 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.810 | -0.49 | -0.36 | 111.044 |
| DE000 114174 | 5 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.860 | -0.46 | -0.34 | 101.860 |
| DE000 113546 | 5 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.390 | -0.43 | -0.31 | 111.930 |
| DE000 114175 | 2 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.680 | -0.37 | -0.27 | 101.680 |
| DE000 113547 | 3 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.020 | -0.35 | -0.25 | 110.499 |
| DE000 113549 | 9 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.990 | -0.32 | -0.23 | 109.146 |
| DE000 114176 | 0 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 11.0 | 101.390 | -0.28 | -0.20 | 101.390 |
| DE000 110230 | 9 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.358 | -0.24 | -0.17 | 110.340 |
| DE000 103054 | 2 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 108.030 | -1.30 | 0.00 | 113.287 |
| DE000 110231 | 7 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.571 | -0.20 | -0.15 | 110.187 |
| DE000 110232 | 5 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.709 | -0.16 | -0.12 | 113.027 |
| DE000 113492 | 2 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.723 | -0.10 | -0.07 | 144.535 |
| DE000 110233 | 3 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.784 | -0.10 | -0.07 | 112.930 |
| DE000 110235 | 8 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.344 | -0.07 | -0.05 | 110.960 |
| DE000 110236 | 6 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 107.059 | -0.03 | -0.02 | 107.218 |
| DE000 110237 | 4 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.345 | 0.04 | 0.03 | 103.672 |
| DE000 110238 | 2 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 106.951 | 0.11 | 0.08 | 107.110 |
| DE000 110239 | 0 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.540 | 0.19 | 0.14 | 102.867 |
| DE000 103056 | 7 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 12.0 | 110.120 | -1.03 | -0.75 | 112.394 |
| DE000 110240 | 8 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.574 | 0.28 | 0.21 | 97.574 |
| DE000 110241 | 6 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 98.981 | 0.36 | 0.27 | 99.167 |
| DE000 113504 | 4 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.868 | 0.34 | 0.24 | 160.649 |
| DE000 110242 | 4 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 17.0 | 100.604 | 0.44 | 0.32 | 100.727 |
| DE000 113506 | 9 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.415 | 0.39 | 0.27 | 156.745 |
| DE000 113508 | 5 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.770 | 0.46 | 0.33 | 146.071 |
| DE000 113514 | 3 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.975 | 0.57 | 0.39 | 171.787 |
| DE000 103055 | 9 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 115.190 | -0.66 | - | 118.079 |
| DE000 113517 | 6 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.380 | 0.64 | 0.45 | 165.614 |
| DE000 113522 | 6 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.930 | 0.83 | 0.58 | 162.231 |
| DE000 113527 | 5 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.550 | 0.94 | 0.66 | 156.629 |
| DE000 113532 | 5 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.835 | 1.01 | 0.71 | 163.999 |
| DE000 113536 | 6 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 175.070 | 1.03 | 0.71 | 176.371 |
| DE000 113543 | 2 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.850 | 1.12 | 0.79 | 146.740 |
| DE000 113548 | 1 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.930 | 1.19 | 0.85 | 130.615 |
| DE000 103057 | 5 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 113.600 | -0.35 | - | 116.814 |
| DE000 110234 | 1 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 130.950 | 1.22 | - | 131.347 |
| DE000 110243 | 2 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 99.520 | 1.27 | 0.93 | 99.719 |

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4) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 11.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 11.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.125 | -0.72 | -0.53 | 100.125 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.104 | -0.82 | -0.61 | 104.194 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.473 | -0.79 | -0.58 | 100.791 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.316 | -0.75 | -0.55 | 100.316 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.493 | -0.73 | -0.54 | 100.618 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.790 | -0.81 | - | 108.843 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.493 | -0.73 | -0.54 | 100.493 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.637 | -0.74 | -0.55 | 104.813 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.685 | -0.74 | -0.54 | 100.685 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 1 / 0 | 17.0 | 101.767 | -0.76 | -0.56 | 101.770 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.890 | -0.75 | -0.56 | 100.890 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.620 | -0.79 | -0.58 | 108.517 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.432 | -0.77 | -0.57 | 103.070 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.100 | -0.77 | -0.57 | 101.100 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 6 | 16.0 | 101.900 | -0.76 | -0.56 | 102.152 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.275 | -0.76 | -0.56 | 101.275 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.400 | -0.75 | -0.55 | 108.368 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.370 | -0.71 | -0.52 | 101.370 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 2 / 0 | 16.0 | 101.940 | -0.71 | -0.52 | 101.941 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.890 | -0.70 | -0.51 | 111.401 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.640 | -1.60 | - | 121.455 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.650 | -0.65 | -0.48 | 101.650 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.030 | -0.64 | -0.47 | 110.860 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.410 | -0.62 | -0.45 | 108.650 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.570 | -0.59 | -0.44 | 102.818 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.030 | -0.57 | -0.42 | 111.962 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.850 | -0.52 | -0.39 | 101.850 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.150 | -0.50 | -0.37 | 115.049 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.740 | -0.48 | -0.35 | 110.980 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.800 | -0.45 | -0.33 | 101.800 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.320 | -0.41 | -0.30 | 111.865 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.610 | -0.36 | -0.26 | 101.610 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 109.950 | -0.34 | -0.25 | 110.434 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.910 | -0.30 | -0.22 | 109.070 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.315 | -0.26 | -0.19 | 101.315 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.300 | -0.23 | -0.17 | 110.286 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 107.960 | -1.29 | 0.00 | 113.223 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.500 | -0.19 | -0.14 | 110.121 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.630 | -0.15 | -0.11 | 112.953 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.620 | -0.09 | -0.06 | 144.449 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.690 | -0.09 | -0.06 | 112.841 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.260 | -0.05 | -0.04 | 110.881 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 106.970 | -0.02 | -0.01 | 107.132 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.250 | 0.06 | 0.04 | 103.579 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 106.840 | 0.12 | 0.09 | 107.002 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.430 | 0.21 | 0.15 | 102.759 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 12.0 | 109.980 | -1.02 | -0.74 | 112.260 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.460 | 0.29 | 0.22 | 97.460 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 98.860 | 0.37 | 0.28 | 99.047 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.670 | 0.35 | 0.25 | 160.469 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 17.0 | 100.460 | 0.45 | 0.33 | 100.585 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.190 | 0.41 | 0.28 | 156.536 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.560 | 0.48 | 0.34 | 145.874 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.680 | 0.58 | 0.41 | 171.509 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 115.080 | -0.65 | - | 117.978 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.080 | 0.66 | 0.46 | 165.329 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.570 | 0.85 | 0.59 | 161.884 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.140 | 0.96 | 0.67 | 156.230 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.380 | 1.03 | 0.72 | 163.556 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 174.600 | 1.04 | 0.72 | 175.914 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.410 | 1.13 | 0.80 | 146.309 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.490 | 1.20 | 0.86 | 130.182 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 112.860 | -0.33 | - | 116.064 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 130.470 | 1.24 | - | 130.874 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 99.040 | 1.29 | 0.95 | 99.242 |

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4) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 12.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 12.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.117 | -0.71 | -0.52 | 100.117 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.066 | -0.83 | -0.62 | 104.189 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.466 | -0.80 | -0.59 | 100.788 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.311 | -0.75 | -0.55 | 100.311 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.488 | -0.74 | -0.55 | 100.615 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.760 | -0.77 | - | 108.846 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.488 | -0.73 | -0.54 | 100.488 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.595 | -0.74 | -0.55 | 104.806 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.679 | -0.74 | -0.54 | 100.679 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 1 / 0 | 17.0 | 101.750 | -0.76 | -0.56 | 101.761 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.882 | -0.75 | -0.55 | 100.882 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.583 | -0.79 | -0.58 | 108.511 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.419 | -0.77 | -0.57 | 103.066 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.093 | -0.77 | -0.56 | 101.093 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 6 | 16.0 | 101.890 | -0.76 | -0.56 | 102.146 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.266 | -0.75 | -0.56 | 101.266 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.362 | -0.75 | -0.55 | 108.359 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.360 | -0.70 | -0.52 | 101.360 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.930 | -0.71 | -0.52 | 101.933 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.860 | -0.70 | -0.51 | 111.398 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.630 | -1.61 | - | 121.491 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.660 | -0.66 | -0.48 | 101.660 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.010 | -0.64 | -0.47 | 110.865 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.400 | -0.63 | -0.46 | 108.659 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.570 | -0.60 | -0.44 | 102.570 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.010 | -0.57 | -0.42 | 111.962 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.860 | -0.53 | -0.39 | 101.860 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.140 | -0.51 | -0.37 | 115.066 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.740 | -0.48 | -0.35 | 110.999 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.820 | -0.45 | -0.33 | 101.820 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.330 | -0.42 | -0.31 | 111.892 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.640 | -0.36 | -0.27 | 101.640 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 109.960 | -0.34 | -0.25 | 110.459 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.930 | -0.31 | -0.23 | 109.103 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.360 | -0.27 | -0.20 | 101.360 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.310 | -0.23 | -0.17 | 110.309 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 108.000 | -1.29 | 0.00 | 113.295 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.510 | -0.19 | -0.14 | 110.143 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.630 | -0.15 | -0.11 | 112.970 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.590 | -0.09 | -0.07 | 144.470 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.700 | -0.09 | -0.07 | 112.865 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.270 | -0.06 | -0.04 | 110.903 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 106.990 | -0.02 | -0.02 | 107.160 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.270 | 0.05 | 0.04 | 103.603 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 106.860 | 0.12 | 0.09 | 107.030 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.450 | 0.20 | 0.15 | 102.783 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 12.0 | 110.120 | -1.03 | -0.75 | 112.433 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.503 | 0.29 | 0.21 | 97.503 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 98.910 | 0.37 | 0.27 | 99.099 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.700 | 0.35 | 0.24 | 160.552 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 17.0 | 100.517 | 0.45 | 0.33 | 100.646 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.230 | 0.40 | 0.28 | 156.622 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.610 | 0.47 | 0.33 | 145.963 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.680 | 0.58 | 0.40 | 171.560 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 115.100 | -0.66 | - | 118.033 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.050 | 0.66 | 0.46 | 165.345 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.580 | 0.85 | 0.59 | 161.933 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.190 | 0.96 | 0.67 | 156.313 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.440 | 1.03 | 0.72 | 163.651 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 174.660 | 1.04 | 0.72 | 176.013 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.480 | 1.13 | 0.80 | 146.406 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.550 | 1.20 | 0.86 | 130.262 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 113.100 | -0.34 | - | 116.341 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 130.510 | 1.24 | - | 130.935 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 99.070 | 1.29 | 0.95 | 99.282 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 13.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 13.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 2 | 13.0 | 100.116 | -0.70 | -0.52 | 100.116 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.053 | -0.77 | -0.57 | 104.176 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.467 | -0.80 | -0.59 | 100.789 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.312 | -0.75 | -0.55 | 100.312 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 6 | 17.0 | 100.489 | -0.74 | -0.55 | 100.616 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 6 | 15.0 | 100.750 | -0.75 | - | 108.835 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 8 | 14.0 | 100.494 | -0.74 | -0.55 | 100.494 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.589 | -0.73 | -0.54 | 104.800 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 11 | 13.0 | 100.689 | -0.75 | -0.55 | 100.689 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.760 | -0.77 | -0.56 | 101.771 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 2 | 13.0 | 100.898 | -0.77 | -0.56 | 100.898 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.590 | -0.79 | -0.58 | 108.518 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.436 | -0.78 | -0.58 | 103.083 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 5 | 13.0 | 101.116 | -0.78 | -0.58 | 101.116 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.915 | -0.77 | -0.57 | 102.171 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 8 | 13.0 | 101.293 | -0.77 | -0.57 | 101.293 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.382 | -0.76 | -0.56 | 108.379 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 11 | 9.0 | 101.390 | -0.72 | -0.53 | 101.390 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.960 | -0.73 | -0.53 | 101.963 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.900 | -0.71 | -0.52 | 111.438 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 6 | 16.0 | 108.630 | -1.61 | - | 121.491 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.710 | -0.68 | -0.50 | 101.710 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.060 | -0.66 | -0.48 | 110.915 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.450 | -0.64 | -0.47 | 108.709 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.640 | -0.62 | -0.45 | 102.640 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.080 | -0.59 | -0.43 | 112.032 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.940 | -0.55 | -0.40 | 101.940 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.220 | -0.53 | -0.39 | 115.146 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.830 | -0.50 | -0.37 | 111.089 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.910 | -0.47 | -0.35 | 101.910 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.440 | -0.45 | -0.32 | 112.002 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.770 | -0.39 | -0.29 | 101.770 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.100 | -0.37 | -0.27 | 110.599 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 109.080 | -0.34 | -0.25 | 109.253 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.510 | -0.30 | -0.22 | 101.510 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 4 | 18.0 | 109.450 | -0.26 | -0.19 | 110.449 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 6 | 16.0 | 108.140 | -1.32 | 0.00 | 113.442 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 7 | 18.0 | 109.660 | -0.22 | -0.16 | 110.293 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 10 | 18.0 | 112.790 | -0.18 | -0.13 | 113.130 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.790 | -0.12 | -0.09 | 144.670 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 4 | 18.0 | 111.860 | -0.11 | -0.08 | 113.025 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 7 | 18.0 | 110.430 | -0.08 | -0.06 | 111.063 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 10 | 18.0 | 107.150 | -0.04 | -0.03 | 107.320 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 4 | 23.0 | 103.450 | 0.03 | 0.02 | 103.783 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 10 | 23.0 | 107.050 | 0.10 | 0.07 | 107.220 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 4 | 26.0 | 102.640 | 0.18 | 0.13 | 102.973 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 6 | 12.0 | 110.210 | -1.04 | -0.76 | 112.525 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 10 | 25.0 | 97.690 | 0.27 | 0.20 | 97.690 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 4 | 26.0 | 99.110 | 0.35 | 0.26 | 99.299 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.960 | 0.32 | 0.23 | 160.812 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 10 | 17.0 | 100.720 | 0.43 | 0.31 | 100.849 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.490 | 0.38 | 0.27 | 156.882 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.870 | 0.45 | 0.32 | 146.223 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.950 | 0.56 | 0.39 | 171.830 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 6 | 9.0 | 115.230 | -0.66 | - | 118.166 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.320 | 0.65 | 0.45 | 165.615 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.920 | 0.83 | 0.58 | 162.273 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.530 | 0.94 | 0.66 | 156.653 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.830 | 1.01 | 0.71 | 164.041 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 175.080 | 1.03 | 0.71 | 176.433 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.890 | 1.12 | 0.79 | 146.816 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.960 | 1.18 | 0.85 | 130.672 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 6 | 6.5 | 113.680 | -0.36 | - | 116.938 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 10 | 23.0 | 130.920 | 1.22 | - | 131.345 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 10 | 2.0 | 99.400 | 1.27 | 0.94 | 99.612 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 16.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 16.10.17 | Yield | Net yield 4) | "Dirty price" |
|--------------|---------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 | 8 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.114 | -0.72 | -0.53 | 100.114 |
| DE000 113534 | 1 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.045 | -0.85 | -0.63 | 104.190 |
| DE000 114165 | 3 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.460 | -0.81 | -0.59 | 100.785 |
| DE000 110463 | 6 0.000 BSA 16 | 16.03.2018 | 0 / 5 | 13.0 | 100.315 | -0.77 | -0.57 | 100.315 |
| DE000 114166 | 1 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.494 | -0.76 | -0.56 | 100.623 |
| DE000 103053 | 4 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.730 | -0.73 | - | 108.836 |
| DE000 110464 | 4 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.498 | -0.75 | -0.55 | 100.498 |
| DE000 113535 | 8 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.582 | -0.76 | -0.56 | 104.816 |
| DE000 110465 | 1 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.697 | -0.76 | -0.56 | 100.697 |
| DE000 114167 | 9 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.765 | -0.78 | -0.57 | 101.781 |
| DE000 110466 | 9 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.914 | -0.78 | -0.58 | 100.914 |
| DE000 113537 | 4 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.595 | -0.82 | -0.60 | 108.544 |
| DE000 114168 | 7 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.452 | -0.80 | -0.59 | 103.104 |
| DE000 110467 | 7 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.132 | -0.80 | -0.59 | 101.132 |
| DE000 114169 | 5 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.935 | -0.79 | -0.58 | 102.194 |
| DE000 110468 | 5 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.313 | -0.79 | -0.58 | 101.313 |
| DE000 113538 | 2 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.395 | -0.78 | -0.57 | 108.411 |
| DE000 110469 | 3 0.000 BSA | 13.09.2019 | 1 / 10 | 9.0 | 101.416 | -0.74 | -0.54 | 101.416 |
| DE000 114170 | 3 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.985 | -0.74 | -0.54 | 101.990 |
| DE000 113539 | 0 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.950 | -0.74 | -0.54 | 111.505 |
| DE000 103052 | 6 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.660 | -1.63 | - | 121.555 |
| DE000 114171 | 1 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.760 | -0.70 | -0.51 | 101.760 |
| DE000 113540 | 8 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.110 | -0.68 | -0.50 | 110.981 |
| DE000 113541 | 6 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.510 | -0.67 | -0.49 | 108.781 |
| DE000 114172 | 9 0.250 BO S 172 | 16.10.2020 | 3 / 0 | 19.0 | 102.700 | -0.64 | -0.47 | 102.701 |
| DE000 113542 | 4 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.150 | -0.62 | -0.45 | 112.116 |
| DE000 114173 | 7 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 102.020 | -0.57 | -0.42 | 102.020 |
| DE000 113544 | 0 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.330 | -0.56 | -0.41 | 115.274 |
| DE000 113545 | 7 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.940 | -0.53 | -0.39 | 111.211 |
| DE000 114174 | 5 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 102.030 | -0.50 | -0.37 | 102.030 |
| DE000 113546 | 5 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.560 | -0.47 | -0.35 | 112.133 |
| DE000 114175 | 2 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.910 | -0.42 | -0.31 | 101.910 |
| DE000 113547 | 3 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.250 | -0.40 | -0.29 | 110.758 |
| DE000 113549 | 9 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 109.230 | -0.37 | -0.27 | 109.411 |
| DE000 114176 | 0 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.660 | -0.33 | -0.24 | 101.660 |
| DE000 110230 | 9 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.590 | -0.28 | -0.21 | 110.597 |
| DE000 103054 | 2 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 108.380 | -1.36 | 0.00 | 113.714 |
| DE000 110231 | 7 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.800 | -0.24 | -0.18 | 110.441 |
| DE000 110232 | 5 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.940 | -0.21 | -0.15 | 113.291 |
| DE000 113492 | 2 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.980 | -0.15 | -0.11 | 144.894 |
| DE000 110233 | 3 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 112.030 | -0.14 | -0.10 | 113.205 |
| DE000 110235 | 8 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.610 | -0.11 | -0.08 | 111.251 |
| DE000 110236 | 6 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 107.340 | -0.07 | -0.05 | 107.515 |
| DE000 110237 | 4 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.650 | 0.00 | 0.00 | 103.986 |
| DE000 110238 | 2 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 107.265 | 0.07 | 0.05 | 107.440 |
| DE000 110239 | 0 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 102.870 | 0.15 | 0.11 | 103.206 |
| DE000 103056 | 7 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 110.580 | -1.08 | -0.79 | 112.922 |
| DE000 110240 | 8 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 97.930 | 0.24 | 0.18 | 97.930 |
| DE000 110241 | 6 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 99.375 | 0.32 | 0.23 | 99.565 |
| DE000 113504 | 4 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 159.300 | 0.30 | 0.21 | 161.188 |
| DE000 110242 | 4 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 17.0 | 100.998 | 0.40 | 0.29 | 101.130 |
| DE000 113506 | 9 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.850 | 0.35 | 0.24 | 157.273 |
| DE000 113508 | 5 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 145.200 | 0.42 | 0.30 | 146.579 |
| DE000 113514 | 3 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 167.300 | 0.54 | 0.38 | 172.214 |
| DE000 103055 | 9 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 115.570 | -0.69 | - | 118.537 |
| DE000 113517 | 6 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.670 | 0.62 | 0.44 | 165.995 |
| DE000 113522 | 6 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 161.350 | 0.81 | 0.57 | 162.729 |
| DE000 113527 | 5 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.960 | 0.92 | 0.65 | 157.105 |
| DE000 113532 | 5 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 163.310 | 0.99 | 0.69 | 164.544 |
| DE000 113536 | 6 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 175.580 | 1.01 | 0.70 | 176.959 |
| DE000 113543 | 2 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 146.360 | 1.10 | 0.77 | 147.304 |
| DE000 113548 | 1 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 130.440 | 1.17 | 0.83 | 131.166 |
| DE000 103057 | 5 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 114.300 | -0.37 | - | 117.596 |
| DE000 110234 | 1 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 131.430 | 1.20 | - | 131.868 |
| DE000 110243 | 2 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 2.0 | 99.850 | 1.26 | 0.92 | 100.069 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 17.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 17.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.113 | -0.72 | -0.53 | 100.113 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.028 | -0.84 | -0.62 | 104.184 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.456 | -0.80 | -0.59 | 100.782 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.314 | -0.77 | -0.57 | 100.314 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.492 | -0.77 | -0.56 | 100.621 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.735 | -0.75 | - | 108.853 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.500 | -0.76 | -0.56 | 100.500 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.572 | -0.77 | -0.57 | 104.818 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.698 | -0.77 | -0.56 | 100.698 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.762 | -0.78 | -0.58 | 101.781 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.917 | -0.79 | -0.58 | 100.917 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.593 | -0.82 | -0.61 | 108.552 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.455 | -0.81 | -0.59 | 103.110 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.140 | -0.80 | -0.59 | 101.140 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.950 | -0.80 | -0.59 | 102.210 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.324 | -0.79 | -0.58 | 101.324 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.395 | -0.78 | -0.58 | 108.421 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.424 | -0.74 | -0.54 | 101.424 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 102.000 | -0.75 | -0.55 | 102.005 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.960 | -0.75 | -0.55 | 111.524 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.700 | -1.65 | - | 121.616 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 6 | 20.0 | 101.780 | -0.71 | -0.52 | 101.780 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.140 | -0.70 | -0.51 | 111.019 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.540 | -0.68 | -0.50 | 108.817 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.740 | -0.65 | -0.48 | 102.742 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.190 | -0.63 | -0.46 | 112.163 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 102.070 | -0.59 | -0.43 | 102.070 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.360 | -0.57 | -0.42 | 115.313 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.990 | -0.55 | -0.40 | 111.267 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 102.080 | -0.52 | -0.38 | 102.080 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.610 | -0.49 | -0.36 | 112.188 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.980 | -0.44 | -0.32 | 101.980 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.330 | -0.42 | -0.30 | 110.843 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 109.310 | -0.39 | -0.28 | 109.495 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.750 | -0.35 | -0.26 | 101.750 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.690 | -0.30 | -0.22 | 110.701 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 108.520 | -1.38 | 0.00 | 113.871 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.910 | -0.26 | -0.19 | 110.555 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 113.070 | -0.23 | -0.17 | 113.426 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 140.135 | -0.17 | -0.12 | 145.067 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 112.180 | -0.16 | -0.12 | 113.359 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.770 | -0.13 | -0.10 | 111.415 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 107.505 | -0.10 | -0.07 | 107.683 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.830 | -0.02 | -0.02 | 104.167 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 107.480 | 0.04 | 0.03 | 107.658 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 103.105 | 0.12 | 0.09 | 103.442 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 110.850 | -1.11 | -0.81 | 113.208 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 98.180 | 0.21 | 0.15 | 98.180 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 99.650 | 0.29 | 0.21 | 99.841 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 159.655 | 0.27 | 0.19 | 161.560 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 17.0 | 101.280 | 0.37 | 0.27 | 101.413 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 153.195 | 0.32 | 0.23 | 157.633 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 145.560 | 0.40 | 0.28 | 146.952 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 167.780 | 0.51 | 0.35 | 172.712 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 116.110 | -0.73 | - | 119.102 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 162.190 | 0.59 | 0.41 | 166.530 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 162.030 | 0.78 | 0.54 | 163.422 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 154.710 | 0.89 | 0.62 | 157.866 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 164.190 | 0.96 | 0.67 | 165.436 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 176.550 | 0.98 | 0.68 | 177.942 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 147.310 | 1.06 | 0.75 | 148.263 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 131.390 | 1.13 | 0.81 | 132.123 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 115.380 | -0.41 | - | 118.718 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 132.440 | 1.17 | - | 132.885 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 2.0 | 100.740 | 1.22 | 0.90 | 100.963 |

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

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3) Bundesbank reference price on the Frankfurt Stock Exchange

4) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 18.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 18.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.110 | -0.72 | -0.53 | 100.110 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 101.015 | -0.84 | -0.62 | 104.182 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.454 | -0.81 | -0.60 | 100.781 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.311 | -0.77 | -0.57 | 100.311 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.487 | -0.76 | -0.56 | 100.617 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.720 | -0.73 | - | 108.849 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.494 | -0.75 | -0.56 | 100.494 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.550 | -0.76 | -0.56 | 104.808 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.687 | -0.76 | -0.56 | 100.687 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.748 | -0.77 | -0.57 | 101.770 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.903 | -0.78 | -0.57 | 100.903 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.564 | -0.81 | -0.60 | 108.533 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.432 | -0.79 | -0.58 | 103.090 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.117 | -0.79 | -0.58 | 101.117 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.922 | -0.79 | -0.58 | 102.184 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.303 | -0.78 | -0.58 | 101.303 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.360 | -0.77 | -0.57 | 108.396 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.397 | -0.73 | -0.54 | 101.397 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.969 | -0.74 | -0.54 | 101.975 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.910 | -0.74 | -0.54 | 111.483 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.620 | -1.62 | - | 121.542 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.740 | -0.69 | -0.51 | 101.740 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.080 | -0.68 | -0.50 | 110.968 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.470 | -0.66 | -0.48 | 108.754 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.670 | -0.63 | -0.46 | 102.673 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.100 | -0.61 | -0.44 | 112.079 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.980 | -0.56 | -0.41 | 101.980 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.260 | -0.55 | -0.40 | 115.222 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.880 | -0.52 | -0.38 | 111.164 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.980 | -0.49 | -0.36 | 101.980 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.500 | -0.46 | -0.34 | 112.084 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.870 | -0.41 | -0.30 | 101.870 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.190 | -0.39 | -0.29 | 110.708 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 109.180 | -0.36 | -0.27 | 109.369 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.610 | -0.32 | -0.24 | 101.610 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.590 | -0.29 | -0.21 | 110.605 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 108.350 | -1.36 | 0.00 | 113.702 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.810 | -0.25 | -0.18 | 110.459 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.960 | -0.21 | -0.15 | 113.322 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.990 | -0.16 | -0.11 | 144.939 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 112.070 | -0.15 | -0.11 | 113.254 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.660 | -0.12 | -0.08 | 111.309 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 107.410 | -0.08 | -0.06 | 107.591 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.740 | -0.01 | -0.01 | 104.078 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 107.400 | 0.05 | 0.04 | 107.581 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 103.040 | 0.13 | 0.10 | 103.378 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 110.570 | -1.08 | -0.79 | 112.932 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 98.125 | 0.21 | 0.16 | 98.125 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 99.580 | 0.30 | 0.22 | 99.772 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 159.530 | 0.27 | 0.19 | 161.453 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 17.0 | 101.210 | 0.37 | 0.28 | 101.344 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 153.080 | 0.33 | 0.23 | 157.534 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 145.450 | 0.40 | 0.28 | 146.855 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 167.690 | 0.51 | 0.36 | 172.639 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 115.840 | -0.71 | - | 118.836 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 162.120 | 0.60 | 0.42 | 166.475 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 161.940 | 0.78 | 0.54 | 163.345 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 154.640 | 0.89 | 0.63 | 157.807 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 164.140 | 0.96 | 0.67 | 165.398 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 176.530 | 0.98 | 0.68 | 177.935 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 147.350 | 1.06 | 0.75 | 148.312 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 131.410 | 1.13 | 0.81 | 132.150 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 115.000 | -0.40 | - | 118.337 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 132.430 | 1.17 | - | 132.882 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 100.680 | 1.22 | 0.90 | 100.906 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 19.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 19.10.17 | Yield | Net yield 4) | "Dirty price" |
|--------------|---------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 | 8 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.105 | -0.72 | -0.53 | 100.105 |
| DE000 113534 | 1 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 100.977 | -0.85 | -0.63 | 104.177 |
| DE000 114165 | 3 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.443 | -0.81 | -0.60 | 100.775 |
| DE000 110463 | 6 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.303 | -0.77 | -0.56 | 100.303 |
| DE000 114166 | 1 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.481 | -0.77 | -0.56 | 100.613 |
| DE000 103053 | 4 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.700 | -0.71 | - | 108.861 |
| DE000 110464 | 4 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.487 | -0.75 | -0.55 | 100.487 |
| DE000 113535 | 8 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.510 | -0.76 | -0.56 | 104.802 |
| DE000 110465 | 1 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.680 | -0.76 | -0.56 | 100.680 |
| DE000 114167 | 9 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.736 | -0.78 | -0.57 | 101.766 |
| DE000 110466 | 9 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.896 | -0.78 | -0.57 | 100.896 |
| DE000 113537 | 4 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.530 | -0.82 | -0.60 | 108.530 |
| DE000 114168 | 7 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.415 | -0.79 | -0.58 | 103.081 |
| DE000 110467 | 7 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.110 | -0.79 | -0.58 | 101.110 |
| DE000 114169 | 5 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.910 | -0.79 | -0.58 | 102.176 |
| DE000 110468 | 5 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.297 | -0.78 | -0.58 | 101.297 |
| DE000 113538 | 2 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.322 | -0.77 | -0.57 | 108.386 |
| DE000 110469 | 3 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.384 | -0.72 | -0.53 | 101.384 |
| DE000 114170 | 3 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.956 | -0.73 | -0.54 | 101.964 |
| DE000 113539 | 0 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.875 | -0.74 | -0.54 | 111.475 |
| DE000 103052 | 6 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.570 | -1.61 | - | 121.535 |
| DE000 114171 | 1 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.730 | -0.69 | -0.51 | 101.730 |
| DE000 113540 | 8 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.040 | -0.68 | -0.49 | 110.952 |
| DE000 113541 | 6 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.435 | -0.66 | -0.48 | 108.737 |
| DE000 114172 | 9 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.650 | -0.63 | -0.46 | 102.655 |
| DE000 113542 | 4 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.060 | -0.60 | -0.44 | 112.060 |
| DE000 114173 | 7 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.960 | -0.56 | -0.41 | 101.960 |
| DE000 113544 | 0 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.190 | -0.54 | -0.39 | 115.178 |
| DE000 113545 | 7 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.820 | -0.51 | -0.37 | 111.122 |
| DE000 114174 | 5 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.935 | -0.48 | -0.35 | 101.935 |
| DE000 113546 | 5 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.430 | -0.45 | -0.33 | 112.030 |
| DE000 114175 | 2 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.800 | -0.40 | -0.29 | 101.800 |
| DE000 113547 | 3 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.100 | -0.38 | -0.28 | 110.632 |
| DE000 113549 | 9 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 109.080 | -0.35 | -0.25 | 109.281 |
| DE000 114176 | 0 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.520 | -0.30 | -0.22 | 101.520 |
| DE000 110230 | 9 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.490 | -0.27 | -0.20 | 110.517 |
| DE000 103054 | 2 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 108.230 | -1.34 | 0.00 | 113.607 |
| DE000 110231 | 7 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.700 | -0.23 | -0.17 | 110.362 |
| DE000 110232 | 5 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.840 | -0.19 | -0.14 | 113.218 |
| DE000 113492 | 2 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.820 | -0.14 | -0.10 | 144.820 |
| DE000 110233 | 3 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 111.960 | -0.13 | -0.10 | 113.159 |
| DE000 110235 | 8 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.550 | -0.10 | -0.07 | 111.212 |
| DE000 110236 | 6 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 107.300 | -0.07 | -0.05 | 107.489 |
| DE000 110237 | 4 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.640 | 0.00 | 0.00 | 103.982 |
| DE000 110238 | 2 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 107.270 | 0.07 | 0.05 | 107.459 |
| DE000 110239 | 0 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 102.920 | 0.15 | 0.11 | 103.262 |
| DE000 103056 | 7 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 110.350 | -1.06 | -0.77 | 112.737 |
| DE000 110240 | 8 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 97.980 | 0.23 | 0.17 | 97.980 |
| DE000 110241 | 6 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 99.420 | 0.31 | 0.23 | 99.614 |
| DE000 113504 | 4 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 159.270 | 0.29 | 0.20 | 161.247 |
| DE000 110242 | 4 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 17.0 | 101.030 | 0.39 | 0.29 | 101.168 |
| DE000 113506 | 9 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.790 | 0.35 | 0.24 | 157.290 |
| DE000 113508 | 5 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 145.160 | 0.42 | 0.30 | 146.605 |
| DE000 113514 | 3 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 167.340 | 0.53 | 0.37 | 172.340 |
| DE000 103055 | 9 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 115.500 | -0.69 | - | 118.524 |
| DE000 113517 | 6 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.760 | 0.61 | 0.43 | 166.160 |
| DE000 113522 | 6 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 161.480 | 0.80 | 0.56 | 162.925 |
| DE000 113527 | 5 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 154.140 | 0.91 | 0.64 | 157.340 |
| DE000 113532 | 5 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 163.550 | 0.98 | 0.69 | 164.842 |
| DE000 113536 | 6 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 175.860 | 1.00 | 0.69 | 177.305 |
| DE000 113543 | 2 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 146.740 | 1.08 | 0.76 | 147.728 |
| DE000 113548 | 1 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 130.840 | 1.15 | 0.82 | 131.600 |
| DE000 103057 | 5 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 114.040 | -0.37 | - | 117.380 |
| DE000 110234 | 1 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 131.850 | 1.19 | - | 132.323 |
| DE000 110243 | 2 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 100.180 | 1.24 | 0.91 | 100.416 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 20.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 20.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.103 | -0.71 | -0.52 | 100.103 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 100.964 | -0.79 | -0.58 | 104.164 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.440 | -0.80 | -0.59 | 100.772 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.304 | -0.77 | -0.57 | 100.304 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.477 | -0.76 | -0.56 | 100.609 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.695 | -0.70 | - | 108.856 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.486 | -0.75 | -0.55 | 100.486 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.497 | -0.74 | -0.55 | 104.789 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.676 | -0.75 | -0.55 | 100.676 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.730 | -0.77 | -0.57 | 101.760 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.892 | -0.77 | -0.57 | 100.892 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.514 | -0.80 | -0.59 | 108.514 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 4 | 16.0 | 102.408 | -0.79 | -0.58 | 103.074 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.105 | -0.79 | -0.58 | 101.105 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.902 | -0.78 | -0.58 | 102.168 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.286 | -0.78 | -0.57 | 101.286 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.303 | -0.76 | -0.56 | 108.367 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.382 | -0.72 | -0.53 | 101.382 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.946 | -0.73 | -0.54 | 101.954 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.840 | -0.72 | -0.53 | 111.440 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.480 | -1.58 | - | 121.435 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.700 | -0.68 | -0.50 | 101.700 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 109.995 | -0.66 | -0.48 | 110.907 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.390 | -0.64 | -0.47 | 108.692 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.610 | -0.61 | -0.45 | 102.615 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.000 | -0.59 | -0.43 | 112.000 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.900 | -0.54 | -0.40 | 101.900 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.110 | -0.52 | -0.38 | 115.098 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.740 | -0.49 | -0.36 | 111.042 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.860 | -0.46 | -0.34 | 101.860 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.340 | -0.43 | -0.32 | 111.940 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.700 | -0.38 | -0.28 | 101.700 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 109.980 | -0.35 | -0.26 | 110.512 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.960 | -0.32 | -0.24 | 109.161 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.415 | -0.28 | -0.21 | 101.415 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.330 | -0.24 | -0.18 | 110.357 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 108.075 | -1.31 | 0.00 | 113.444 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.530 | -0.20 | -0.15 | 110.192 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.640 | -0.16 | -0.12 | 113.018 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.580 | -0.11 | -0.08 | 144.580 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 111.730 | -0.10 | -0.07 | 112.929 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.310 | -0.07 | -0.05 | 110.972 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 107.050 | -0.03 | -0.02 | 107.239 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.350 | 0.04 | 0.03 | 103.692 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 106.950 | 0.11 | 0.08 | 107.139 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 102.580 | 0.19 | 0.14 | 102.922 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 110.030 | -1.03 | -0.75 | 112.411 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 97.620 | 0.27 | 0.20 | 97.620 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 99.050 | 0.35 | 0.26 | 99.244 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.720 | 0.33 | 0.23 | 160.697 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 17.0 | 100.650 | 0.43 | 0.32 | 100.788 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.260 | 0.39 | 0.27 | 156.760 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.630 | 0.46 | 0.33 | 146.075 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.640 | 0.58 | 0.40 | 171.640 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 114.905 | -0.64 | - | 117.915 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.030 | 0.66 | 0.46 | 165.430 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.550 | 0.85 | 0.59 | 161.995 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.080 | 0.96 | 0.67 | 156.280 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.310 | 1.03 | 0.72 | 163.602 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 174.500 | 1.05 | 0.72 | 175.945 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.430 | 1.13 | 0.80 | 146.418 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.540 | 1.20 | 0.86 | 130.300 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 112.570 | -0.32 | - | 115.868 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 130.370 | 1.24 | - | 130.843 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 98.850 | 1.30 | 0.96 | 99.086 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 23.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 23.10.17 | Yield | Net yield 4) | "Dirty price" |
|-----------------------|--------------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|----------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.099 | -0.71 | -0.52 | 100.099 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 100.950 | -0.85 | -0.63 | 104.172 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 4 | 17.0 | 100.436 | -0.81 | -0.60 | 100.770 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.302 | -0.77 | -0.57 | 100.302 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.476 | -0.77 | -0.57 | 100.610 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.690 | -0.71 | - | 108.874 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.485 | -0.76 | -0.56 | 100.485 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.485 | -0.76 | -0.56 | 104.801 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.682 | -0.76 | -0.56 | 100.682 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.726 | -0.78 | -0.57 | 101.762 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.892 | -0.78 | -0.57 | 100.892 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.510 | -0.82 | -0.60 | 108.531 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 3 | 16.0 | 102.415 | -0.80 | -0.59 | 103.086 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.107 | -0.79 | -0.58 | 101.107 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.907 | -0.79 | -0.58 | 102.175 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.288 | -0.78 | -0.57 | 101.288 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.302 | -0.77 | -0.57 | 108.386 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.395 | -0.73 | -0.54 | 101.395 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.962 | -0.74 | -0.54 | 101.972 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.850 | -0.73 | -0.54 | 111.468 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.470 | -1.58 | - | 121.455 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.720 | -0.69 | -0.50 | 101.720 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.010 | -0.67 | -0.49 | 110.939 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.410 | -0.65 | -0.48 | 108.724 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.640 | -0.63 | -0.46 | 102.646 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.030 | -0.60 | -0.44 | 112.044 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.930 | -0.55 | -0.41 | 101.930 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.150 | -0.54 | -0.39 | 115.156 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.780 | -0.51 | -0.37 | 111.094 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.900 | -0.47 | -0.35 | 101.900 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.380 | -0.45 | -0.33 | 111.991 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.760 | -0.39 | -0.29 | 101.760 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.040 | -0.37 | -0.27 | 110.582 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 109.020 | -0.34 | -0.25 | 109.230 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.480 | -0.30 | -0.22 | 101.480 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.390 | -0.25 | -0.19 | 110.426 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 108.100 | -1.32 | 0.00 | 113.490 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.590 | -0.21 | -0.16 | 110.260 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.690 | -0.17 | -0.13 | 113.079 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.620 | -0.12 | -0.08 | 144.654 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 111.780 | -0.11 | -0.08 | 112.988 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.350 | -0.07 | -0.05 | 111.020 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 107.090 | -0.04 | -0.03 | 107.285 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.390 | 0.04 | 0.03 | 103.735 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 106.980 | 0.10 | 0.07 | 107.175 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 102.580 | 0.19 | 0.14 | 102.925 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 110.050 | -1.03 | -0.75 | 112.450 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 97.610 | 0.28 | 0.20 | 97.610 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 99.040 | 0.36 | 0.26 | 99.235 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.700 | 0.33 | 0.23 | 160.712 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 17.0 | 100.630 | 0.43 | 0.32 | 100.771 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.230 | 0.39 | 0.27 | 156.761 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.590 | 0.46 | 0.33 | 146.061 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.590 | 0.58 | 0.40 | 171.624 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 114.870 | -0.64 | - | 117.901 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 160.970 | 0.66 | 0.46 | 165.400 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.430 | 0.85 | 0.59 | 161.901 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 152.920 | 0.97 | 0.68 | 156.142 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.090 | 1.04 | 0.72 | 163.406 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 174.260 | 1.05 | 0.73 | 175.731 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.200 | 1.14 | 0.81 | 146.206 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.330 | 1.21 | 0.86 | 130.104 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 112.400 | -0.32 | - | 115.714 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 130.210 | 1.25 | - | 130.696 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 98.700 | 1.30 | 0.96 | 98.943 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 24.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 24.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.097 | -0.71 | -0.52 | 100.097 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 100.938 | -0.86 | -0.63 | 104.171 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 3 | 17.0 | 100.428 | -0.80 | -0.59 | 100.764 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.296 | -0.76 | -0.56 | 100.296 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.469 | -0.76 | -0.56 | 100.603 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.670 | -0.67 | - | 108.864 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.478 | -0.75 | -0.55 | 100.478 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.466 | -0.75 | -0.56 | 104.793 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.669 | -0.75 | -0.55 | 100.669 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.711 | -0.77 | -0.56 | 101.749 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.875 | -0.77 | -0.56 | 100.875 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.481 | -0.81 | -0.59 | 108.512 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 3 | 16.0 | 102.390 | -0.79 | -0.58 | 103.064 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.084 | -0.78 | -0.57 | 101.084 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.881 | -0.78 | -0.57 | 102.151 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.259 | -0.76 | -0.56 | 101.259 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.260 | -0.76 | -0.56 | 108.353 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.361 | -0.72 | -0.53 | 101.361 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.923 | -0.72 | -0.53 | 101.933 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.780 | -0.71 | -0.52 | 111.407 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.420 | -1.57 | - | 121.415 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.670 | -0.67 | -0.49 | 101.670 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 109.930 | -0.65 | -0.47 | 110.867 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.340 | -0.63 | -0.46 | 108.661 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.570 | -0.60 | -0.44 | 102.577 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 109.940 | -0.58 | -0.42 | 111.961 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.840 | -0.53 | -0.39 | 101.840 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.030 | -0.51 | -0.37 | 115.045 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.660 | -0.48 | -0.35 | 110.981 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.790 | -0.45 | -0.33 | 101.790 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.250 | -0.42 | -0.31 | 111.866 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.620 | -0.36 | -0.27 | 101.620 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 109.870 | -0.34 | -0.24 | 110.417 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.840 | -0.30 | -0.22 | 109.054 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.310 | -0.26 | -0.19 | 101.310 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.200 | -0.22 | -0.16 | 110.240 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 107.900 | -1.29 | 0.00 | 113.290 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.390 | -0.18 | -0.13 | 110.064 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.480 | -0.14 | -0.10 | 112.875 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.350 | -0.09 | -0.06 | 144.401 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 111.560 | -0.08 | -0.06 | 112.773 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.130 | -0.04 | -0.03 | 110.804 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 106.870 | -0.01 | -0.01 | 107.067 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.160 | 0.07 | 0.05 | 103.507 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 106.730 | 0.13 | 0.10 | 106.927 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 102.330 | 0.22 | 0.16 | 102.677 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 109.860 | -1.01 | -0.73 | 112.266 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 97.360 | 0.30 | 0.22 | 97.360 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 98.760 | 0.39 | 0.28 | 98.956 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.310 | 0.36 | 0.25 | 160.340 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 17.0 | 100.340 | 0.46 | 0.34 | 100.482 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 151.850 | 0.42 | 0.29 | 156.396 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.230 | 0.49 | 0.35 | 145.714 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.180 | 0.60 | 0.42 | 171.231 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 114.620 | -0.62 | - | 117.657 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 160.560 | 0.68 | 0.48 | 165.005 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 159.970 | 0.87 | 0.61 | 161.454 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 152.500 | 0.98 | 0.69 | 155.733 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 161.660 | 1.05 | 0.74 | 162.987 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 173.790 | 1.07 | 0.74 | 175.274 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 144.800 | 1.15 | 0.82 | 145.815 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 128.940 | 1.22 | 0.88 | 129.721 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 112.050 | -0.30 | - | 115.364 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 129.800 | 1.26 | - | 130.293 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 98.330 | 1.32 | 0.97 | 98.577 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 25.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 25.10.17 | Yield | Net yield 4) | "Dirty price" |
|----------------|-------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.095 | -0.71 | -0.52 | 100.095 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 100.921 | -0.84 | -0.62 | 104.165 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 3 | 17.0 | 100.421 | -0.79 | -0.58 | 100.758 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.290 | -0.75 | -0.56 | 100.290 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.465 | -0.76 | -0.56 | 100.600 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.640 | -0.62 | - | 108.843 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.471 | -0.74 | -0.55 | 100.471 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.445 | -0.74 | -0.55 | 104.784 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.660 | -0.74 | -0.55 | 100.660 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.695 | -0.75 | -0.56 | 101.736 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.862 | -0.76 | -0.56 | 100.862 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.459 | -0.80 | -0.59 | 108.500 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 3 | 16.0 | 102.370 | -0.77 | -0.57 | 103.047 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.066 | -0.76 | -0.56 | 101.066 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.858 | -0.76 | -0.56 | 102.129 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.238 | -0.75 | -0.55 | 101.238 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.224 | -0.74 | -0.55 | 108.327 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.339 | -0.71 | -0.52 | 101.339 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.900 | -0.71 | -0.52 | 101.911 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.760 | -0.71 | -0.52 | 111.396 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.400 | -1.56 | - | 121.409 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.630 | -0.65 | -0.48 | 101.630 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 109.890 | -0.64 | -0.47 | 110.835 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.280 | -0.62 | -0.45 | 108.607 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.530 | -0.59 | -0.43 | 102.538 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 109.880 | -0.56 | -0.41 | 111.907 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.790 | -0.51 | -0.38 | 101.790 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 113.960 | -0.49 | -0.36 | 114.984 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.590 | -0.47 | -0.34 | 110.917 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.740 | -0.44 | -0.32 | 101.740 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.180 | -0.40 | -0.30 | 111.802 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.560 | -0.35 | -0.26 | 101.560 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 109.810 | -0.32 | -0.24 | 110.361 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.770 | -0.29 | -0.21 | 108.988 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.240 | -0.25 | -0.18 | 101.240 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.120 | -0.21 | -0.15 | 110.164 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 107.800 | -1.27 | 0.00 | 113.195 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.300 | -0.17 | -0.12 | 109.978 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.350 | -0.12 | -0.09 | 112.750 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.190 | -0.07 | -0.05 | 144.258 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 111.400 | -0.05 | -0.04 | 112.618 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 109.960 | -0.02 | -0.01 | 110.638 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 106.690 | 0.02 | 0.01 | 106.890 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 102.990 | 0.09 | 0.07 | 103.338 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 106.570 | 0.15 | 0.11 | 106.770 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 102.170 | 0.24 | 0.17 | 102.518 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 109.750 | -1.00 | -0.73 | 112.164 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 97.200 | 0.32 | 0.24 | 97.200 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 98.590 | 0.40 | 0.30 | 98.787 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.050 | 0.38 | 0.27 | 160.098 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 20.0 | 100.150 | 0.48 | 0.36 | 100.294 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 151.570 | 0.44 | 0.31 | 156.132 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 143.940 | 0.51 | 0.36 | 145.437 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 165.790 | 0.63 | 0.44 | 170.858 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 114.440 | -0.61 | - | 117.484 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 160.150 | 0.71 | 0.49 | 164.610 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 159.510 | 0.89 | 0.63 | 161.007 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 151.990 | 1.01 | 0.71 | 155.234 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 161.050 | 1.08 | 0.75 | 162.389 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 173.120 | 1.09 | 0.76 | 174.617 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 144.180 | 1.18 | 0.83 | 145.204 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 128.330 | 1.25 | 0.89 | 129.118 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 111.777 | -0.30 | - | 115.093 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 129.180 | 1.28 | - | 129.680 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 97.760 | 1.34 | 0.99 | 98.010 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 26.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 26.10.17 | Yield | Net yield 4) | "Dirty price" |
|--------------|---------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|---------------|
| DE000 110462 | 8 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.089 | -0.71 | -0.52 | 100.089 |
| DE000 113534 | 1 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 100.883 | -0.85 | -0.63 | 104.160 |
| DE000 114165 | 3 0.500 BO S 165 | 23.02.2018 | 0 / 3 | 17.0 | 100.409 | -0.78 | -0.58 | 100.750 |
| DE000 110463 | 6 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.285 | -0.76 | -0.56 | 100.285 |
| DE000 114166 | 1 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.460 | -0.76 | -0.56 | 100.597 |
| DE000 103053 | 4 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.580 | -0.51 | - | 108.813 |
| DE000 110464 | 4 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.467 | -0.74 | -0.55 | 100.467 |
| DE000 113535 | 8 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.406 | -0.75 | -0.55 | 104.780 |
| DE000 110465 | 1 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.658 | -0.75 | -0.55 | 100.658 |
| DE000 114167 | 9 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.683 | -0.76 | -0.56 | 101.732 |
| DE000 110466 | 9 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.862 | -0.76 | -0.56 | 100.862 |
| DE000 113537 | 4 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.427 | -0.80 | -0.59 | 108.499 |
| DE000 114168 | 7 1.000 BO S 168 | 22.02.2019 | 1 / 3 | 16.0 | 102.363 | -0.78 | -0.57 | 103.048 |
| DE000 110467 | 7 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.070 | -0.77 | -0.57 | 101.070 |
| DE000 114169 | 5 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.854 | -0.77 | -0.56 | 102.129 |
| DE000 110468 | 5 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.244 | -0.76 | -0.56 | 101.244 |
| DE000 113538 | 2 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.200 | -0.75 | -0.55 | 108.332 |
| DE000 110469 | 3 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.345 | -0.71 | -0.52 | 101.345 |
| DE000 114170 | 3 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.905 | -0.72 | -0.53 | 101.918 |
| DE000 113539 | 0 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.730 | -0.71 | -0.52 | 111.392 |
| DE000 103052 | 6 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.380 | -1.57 | - | 121.434 |
| DE000 114171 | 1 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.620 | -0.65 | -0.48 | 101.620 |
| DE000 113540 | 8 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 109.870 | -0.64 | -0.47 | 110.840 |
| DE000 113541 | 6 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.270 | -0.62 | -0.45 | 108.615 |
| DE000 114172 | 9 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.530 | -0.59 | -0.44 | 102.540 |
| DE000 113542 | 4 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 109.870 | -0.57 | -0.41 | 111.918 |
| DE000 114173 | 7 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 101.800 | -0.52 | -0.38 | 101.800 |
| DE000 113544 | 0 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 113.950 | -0.50 | -0.36 | 115.001 |
| DE000 113545 | 7 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.600 | -0.47 | -0.35 | 110.945 |
| DE000 114174 | 5 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 101.760 | -0.44 | -0.32 | 101.760 |
| DE000 113546 | 5 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.190 | -0.41 | -0.30 | 111.828 |
| DE000 114175 | 2 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.590 | -0.35 | -0.26 | 101.590 |
| DE000 113547 | 3 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 109.830 | -0.33 | -0.24 | 110.396 |
| DE000 113549 | 9 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 108.800 | -0.30 | -0.22 | 109.030 |
| DE000 114176 | 0 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.290 | -0.26 | -0.19 | 101.290 |
| DE000 110230 | 9 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.140 | -0.21 | -0.16 | 110.196 |
| DE000 103054 | 2 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 107.900 | -1.29 | 0.00 | 113.330 |
| DE000 110231 | 7 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.360 | -0.18 | -0.13 | 110.050 |
| DE000 110232 | 5 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.450 | -0.14 | -0.10 | 112.866 |
| DE000 113492 | 2 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.180 | -0.07 | -0.05 | 144.300 |
| DE000 110233 | 3 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 111.480 | -0.07 | -0.05 | 112.712 |
| DE000 110235 | 8 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.060 | -0.04 | -0.03 | 110.750 |
| DE000 110236 | 6 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 106.800 | 0.00 | 0.00 | 107.008 |
| DE000 110237 | 4 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.090 | 0.08 | 0.06 | 103.442 |
| DE000 110238 | 2 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 106.700 | 0.13 | 0.10 | 106.908 |
| DE000 110239 | 0 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 102.310 | 0.22 | 0.16 | 102.662 |
| DE000 103056 | 7 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 109.950 | -1.02 | -0.74 | 112.398 |
| DE000 110240 | 8 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 97.340 | 0.31 | 0.23 | 97.340 |
| DE000 110241 | 6 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 98.750 | 0.39 | 0.29 | 98.949 |
| DE000 113504 | 4 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.250 | 0.36 | 0.25 | 160.351 |
| DE000 110242 | 4 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 20.0 | 100.330 | 0.47 | 0.34 | 100.478 |
| DE000 113506 | 9 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 151.760 | 0.42 | 0.30 | 156.368 |
| DE000 113508 | 5 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.150 | 0.49 | 0.35 | 145.686 |
| DE000 113514 | 3 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.070 | 0.61 | 0.42 | 171.190 |
| DE000 103055 | 9 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 114.650 | -0.63 | - | 117.733 |
| DE000 113517 | 6 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 160.460 | 0.69 | 0.48 | 164.965 |
| DE000 113522 | 6 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 159.920 | 0.87 | 0.61 | 161.456 |
| DE000 113527 | 5 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 152.470 | 0.98 | 0.69 | 155.747 |
| DE000 113532 | 5 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 161.630 | 1.05 | 0.74 | 163.004 |
| DE000 113536 | 6 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 173.740 | 1.07 | 0.74 | 175.276 |
| DE000 113543 | 2 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 144.780 | 1.15 | 0.82 | 145.831 |
| DE000 113548 | 1 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 128.920 | 1.22 | 0.88 | 129.728 |
| DE000 103057 | 5 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 112.650 | -0.32 | - | 116.022 |
| DE000 110234 | 1 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 129.770 | 1.26 | - | 130.291 |
| DE000 110243 | 2 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 98.290 | 1.32 | 0.97 | 98.550 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 27.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 27.10.17 | Yield | Net yield 4) | "Dirty price" |
|-----------------------|--------------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|----------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.087 | -0.69 | -0.51 | 100.087 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 100.872 | -0.79 | -0.59 | 104.149 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 3 | 17.0 | 100.412 | -0.79 | -0.58 | 100.753 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.291 | -0.77 | -0.57 | 100.291 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.467 | -0.78 | -0.57 | 100.604 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.590 | -0.53 | - | 108.824 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.487 | -0.78 | -0.57 | 100.487 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.420 | -0.77 | -0.57 | 104.794 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.690 | -0.78 | -0.58 | 100.690 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.714 | -0.79 | -0.58 | 101.763 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.905 | -0.80 | -0.59 | 100.905 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.461 | -0.83 | -0.61 | 108.533 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 3 | 16.0 | 102.413 | -0.82 | -0.60 | 103.098 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.127 | -0.81 | -0.60 | 101.127 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.912 | -0.81 | -0.59 | 102.187 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.314 | -0.80 | -0.59 | 101.314 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.270 | -0.79 | -0.58 | 108.402 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.427 | -0.75 | -0.55 | 101.427 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 101.993 | -0.76 | -0.56 | 102.006 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.830 | -0.75 | -0.55 | 111.492 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.400 | -1.57 | - | 121.456 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.760 | -0.71 | -0.52 | 101.760 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.020 | -0.69 | -0.51 | 110.990 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.440 | -0.68 | -0.49 | 108.785 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.710 | -0.65 | -0.48 | 102.720 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.070 | -0.62 | -0.46 | 112.118 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 102.030 | -0.58 | -0.43 | 102.030 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.200 | -0.56 | -0.41 | 115.251 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.860 | -0.54 | -0.39 | 111.205 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 102.030 | -0.51 | -0.37 | 102.030 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.490 | -0.48 | -0.35 | 112.128 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.920 | -0.43 | -0.31 | 101.920 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.190 | -0.40 | -0.29 | 110.756 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 109.180 | -0.37 | -0.27 | 109.410 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.660 | -0.33 | -0.24 | 101.660 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.575 | -0.29 | -0.21 | 110.631 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 108.230 | -1.34 | 0.00 | 113.677 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.780 | -0.25 | -0.18 | 110.470 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.870 | -0.21 | -0.15 | 113.286 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.725 | -0.14 | -0.10 | 144.845 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 111.930 | -0.14 | -0.10 | 113.162 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.510 | -0.10 | -0.07 | 111.200 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 107.245 | -0.06 | -0.05 | 107.453 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.560 | 0.01 | 0.01 | 103.912 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 107.180 | 0.08 | 0.06 | 107.388 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 102.805 | 0.16 | 0.12 | 103.157 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 110.460 | -1.07 | -0.78 | 112.919 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 97.850 | 0.25 | 0.18 | 97.850 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 99.275 | 0.33 | 0.24 | 99.474 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 158.905 | 0.31 | 0.22 | 161.006 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 20.0 | 100.890 | 0.41 | 0.30 | 101.038 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.420 | 0.37 | 0.26 | 157.028 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 144.795 | 0.44 | 0.31 | 146.331 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 166.730 | 0.57 | 0.39 | 171.850 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 115.220 | -0.67 | - | 118.317 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.070 | 0.65 | 0.45 | 165.575 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 160.580 | 0.84 | 0.59 | 162.116 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.030 | 0.96 | 0.67 | 156.307 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 162.160 | 1.03 | 0.72 | 163.534 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 174.290 | 1.05 | 0.73 | 175.826 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 145.190 | 1.14 | 0.80 | 146.241 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 129.340 | 1.21 | 0.86 | 130.148 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 113.310 | -0.34 | - | 116.702 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 130.200 | 1.25 | - | 130.721 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 98.690 | 1.30 | 0.96 | 98.950 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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 30.10.17

| ISIN 1) | Issue 2) 5) | Maturity date | Residual life y/m | Issue volume € billion | Price 3) as of 30.10.17 | Yield | Net yield 4) | "Dirty price" |
|-----------------------|--------------------------------|---------------|-------------------|------------------------|-------------------------|-------|--------------|----------------|
| DE000 110462 8 | 0.000 BSA 15 IV | 15.12.2017 | 0 / 1 | 13.0 | 100.085 | -0.70 | -0.52 | 100.085 |
| DE000 113534 1 | 4.000 Bund 07 | 04.01.2018 | 0 / 2 | 20.0 | 100.859 | -0.86 | -0.64 | 104.158 |
| DE000 114165 3 | 0.500 BO S 165 | 23.02.2018 | 0 / 3 | 17.0 | 100.409 | -0.80 | -0.59 | 100.753 |
| DE000 110463 6 | 0.000 BSA 16 | 16.03.2018 | 0 / 4 | 13.0 | 100.286 | -0.77 | -0.57 | 100.286 |
| DE000 114166 1 | 0.250 BO S 166 | 13.04.2018 | 0 / 5 | 17.0 | 100.468 | -0.79 | -0.58 | 100.606 |
| DE000 103053 4 | 0.750 BO 11 index. | 15.04.2018 | 0 / 5 | 15.0 | 100.600 | -0.57 | - | 108.857 |
| DE000 110464 4 | 0.000 BSA 16 II | 15.06.2018 | 0 / 7 | 14.0 | 100.487 | -0.78 | -0.58 | 100.487 |
| DE000 113535 8 | 4.250 Bund 08 | 04.07.2018 | 0 / 8 | 21.0 | 103.401 | -0.78 | -0.58 | 104.798 |
| DE000 110465 1 | 0.000 BSA 16 III | 14.09.2018 | 0 / 10 | 13.0 | 100.686 | -0.78 | -0.58 | 100.686 |
| DE000 114167 9 | 1.000 BO S 167 | 12.10.2018 | 0 / 11 | 17.0 | 101.710 | -0.80 | -0.59 | 101.765 |
| DE000 110466 9 | 0.000 BSA 16 IV | 14.12.2018 | 1 / 1 | 13.0 | 100.906 | -0.80 | -0.59 | 100.906 |
| DE000 113537 4 | 3.750 Bund 08 | 04.01.2019 | 1 / 2 | 24.0 | 105.456 | -0.85 | -0.62 | 108.548 |
| DE000 114168 7 | 1.000 BO S 168 | 22.02.2019 | 1 / 3 | 16.0 | 102.418 | -0.83 | -0.61 | 103.108 |
| DE000 110467 7 | 0.000 BSA 17 | 15.03.2019 | 1 / 4 | 13.0 | 101.135 | -0.82 | -0.61 | 101.135 |
| DE000 114169 5 | 0.500 BO S 169 | 12.04.2019 | 1 / 5 | 16.0 | 101.921 | -0.82 | -0.60 | 102.199 |
| DE000 110468 5 | 0.000 BSA 17 II | 14.06.2019 | 1 / 7 | 13.0 | 101.320 | -0.81 | -0.59 | 101.320 |
| DE000 113538 2 | 3.500 Bund 09 | 04.07.2019 | 1 / 8 | 24.0 | 107.272 | -0.80 | -0.59 | 108.423 |
| DE000 110469 3 | 0.000 BSA | 13.09.2019 | 1 / 10 | 13.0 | 101.437 | -0.76 | -0.56 | 101.437 |
| DE000 114170 3 | 0.250 BO S 170 | 11.10.2019 | 1 / 11 | 16.0 | 102.004 | -0.77 | -0.57 | 102.018 |
| DE000 113539 0 | 3.250 Bund 09 | 04.01.2020 | 2 / 2 | 22.0 | 108.840 | -0.76 | -0.56 | 111.520 |
| DE000 103052 6 | 1.750 Bund 09 index. | 15.04.2020 | 2 / 5 | 16.0 | 108.460 | -1.60 | - | 121.555 |
| DE000 114171 1 | 0.000 BO S 171 | 17.04.2020 | 2 / 5 | 20.0 | 101.770 | -0.71 | -0.52 | 101.770 |
| DE000 113540 8 | 3.000 Bund 10 | 04.07.2020 | 2 / 8 | 22.0 | 110.030 | -0.71 | -0.52 | 111.016 |
| DE000 113541 6 | 2.250 Bund 10 | 04.09.2020 | 2 / 10 | 16.0 | 108.460 | -0.69 | -0.50 | 108.818 |
| DE000 114172 9 | 0.250 BO S 172 | 16.10.2020 | 2 / 11 | 19.0 | 102.740 | -0.66 | -0.49 | 102.751 |
| DE000 113542 4 | 2.500 Bund 10 | 04.01.2021 | 3 / 2 | 19.0 | 110.100 | -0.64 | -0.47 | 112.162 |
| DE000 114173 7 | 0.000 BO S 173 | 09.04.2021 | 3 / 5 | 21.0 | 102.070 | -0.59 | -0.44 | 102.070 |
| DE000 113544 0 | 3.250 Bund 11 | 04.07.2021 | 3 / 8 | 19.0 | 114.240 | -0.58 | -0.42 | 115.308 |
| DE000 113545 7 | 2.250 Bund 11 | 04.09.2021 | 3 / 10 | 16.0 | 110.910 | -0.55 | -0.40 | 111.268 |
| DE000 114174 5 | 0.000 BO S 174 | 08.10.2021 | 3 / 11 | 19.0 | 102.090 | -0.52 | -0.39 | 102.090 |
| DE000 113546 5 | 2.000 Bund 11 | 04.01.2022 | 4 / 2 | 20.0 | 110.560 | -0.50 | -0.36 | 112.209 |
| DE000 114175 2 | 0.000 BO S 175 | 08.04.2022 | 4 / 5 | 18.0 | 101.990 | -0.44 | -0.33 | 101.990 |
| DE000 113547 3 | 1.750 Bund 12 | 04.07.2022 | 4 / 8 | 24.0 | 110.280 | -0.42 | -0.31 | 110.855 |
| DE000 113549 9 | 1.500 Bund 12 | 04.09.2022 | 4 / 10 | 18.0 | 109.270 | -0.39 | -0.29 | 109.508 |
| DE000 114176 0 | 0.000 BO S 176 | 07.10.2022 | 4 / 11 | 14.0 | 101.750 | -0.35 | -0.26 | 101.750 |
| DE000 110230 9 | 1.500 Bund 13 | 15.02.2023 | 5 / 3 | 18.0 | 109.660 | -0.31 | -0.22 | 110.724 |
| DE000 103054 2 | 0.100 Bund 12 index. | 15.04.2023 | 5 / 5 | 16.0 | 108.370 | -1.37 | 0.00 | 113.844 |
| DE000 110231 7 | 1.500 Bund 13 II | 15.05.2023 | 5 / 6 | 18.0 | 109.880 | -0.27 | -0.20 | 110.579 |
| DE000 110232 5 | 2.000 Bund 13 | 15.08.2023 | 5 / 9 | 18.0 | 112.980 | -0.23 | -0.16 | 113.407 |
| DE000 113492 2 | 6.250 Bund 94 | 04.01.2024 | 6 / 2 | 10.3 | 139.870 | -0.17 | -0.12 | 145.024 |
| DE000 110233 3 | 1.750 Bund 14 | 15.02.2024 | 6 / 3 | 18.0 | 112.070 | -0.16 | -0.11 | 113.312 |
| DE000 110235 8 | 1.500 Bund 14 | 15.05.2024 | 6 / 6 | 18.0 | 110.660 | -0.12 | -0.09 | 111.359 |
| DE000 110236 6 | 1.000 Bund 14 | 15.08.2024 | 6 / 9 | 18.0 | 107.400 | -0.09 | -0.06 | 107.614 |
| DE000 110237 4 | 0.500 Bund 15 | 15.02.2025 | 7 / 3 | 23.0 | 103.740 | -0.01 | -0.01 | 104.095 |
| DE000 110238 2 | 1.000 Bund 15 | 15.08.2025 | 7 / 9 | 23.0 | 107.390 | 0.05 | 0.04 | 107.604 |
| DE000 110239 0 | 0.500 Bund 16 | 15.02.2026 | 8 / 3 | 26.0 | 103.030 | 0.13 | 0.10 | 103.385 |
| DE000 103056 7 | 0.100 Bund 15 index. | 15.04.2026 | 8 / 5 | 12.0 | 110.700 | -1.10 | -0.80 | 113.185 |
| DE000 110240 8 | 0.000 Bund 16 | 15.08.2026 | 8 / 9 | 25.0 | 98.100 | 0.22 | 0.16 | 98.100 |
| DE000 110241 6 | 0.250 Bund 17 | 15.02.2027 | 9 / 3 | 26.0 | 99.530 | 0.30 | 0.22 | 99.730 |
| DE000 113504 4 | 6.500 Bund 97 | 04.07.2027 | 9 / 8 | 11.3 | 159.220 | 0.28 | 0.20 | 161.357 |
| DE000 110242 4 | 0.500 Bund 17 | 15.08.2027 | 9 / 9 | 20.0 | 101.160 | 0.38 | 0.28 | 101.311 |
| DE000 113506 9 | 5.625 Bund 98 | 04.01.2028 | 10 / 2 | 14.5 | 152.730 | 0.34 | 0.24 | 157.369 |
| DE000 113508 5 | 4.750 Bund 98 II | 04.07.2028 | 10 / 8 | 11.3 | 145.120 | 0.42 | 0.30 | 146.682 |
| DE000 113514 3 | 6.250 Bund 00 | 04.01.2030 | 12 / 2 | 9.3 | 167.180 | 0.54 | 0.37 | 172.334 |
| DE000 103055 9 | 0.500 Bund 14 index. | 15.04.2030 | 12 / 5 | 9.0 | 115.600 | -0.69 | - | 118.730 |
| DE000 113517 6 | 5.500 Bund 00 | 04.01.2031 | 13 / 2 | 17.0 | 161.560 | 0.62 | 0.43 | 166.096 |
| DE000 113522 6 | 4.750 Bund 03 | 04.07.2034 | 16 / 8 | 20.0 | 161.190 | 0.81 | 0.57 | 162.752 |
| DE000 113527 5 | 4.000 Bund 05 | 04.01.2037 | 19 / 2 | 23.0 | 153.710 | 0.93 | 0.65 | 157.009 |
| DE000 113532 5 | 4.250 Bund 07 | 04.07.2039 | 21 / 8 | 14.0 | 163.000 | 1.00 | 0.70 | 164.397 |
| DE000 113536 6 | 4.750 Bund 08 | 04.07.2040 | 22 / 8 | 16.0 | 175.200 | 1.02 | 0.71 | 176.762 |
| DE000 113543 2 | 3.250 Bund 10 | 04.07.2042 | 24 / 8 | 15.0 | 146.100 | 1.10 | 0.78 | 147.168 |
| DE000 113548 1 | 2.500 Bund 12 | 04.07.2044 | 26 / 8 | 22.0 | 130.230 | 1.17 | 0.84 | 131.052 |
| DE000 103057 5 | 0.100 Bund 15 index. II | 15.04.2046 | 28 / 5 | 6.5 | 114.300 | -0.38 | - | 117.742 |
| DE000 110234 1 | 2.500 Bund 14 | 15.08.2046 | 28 / 9 | 23.0 | 131.170 | 1.21 | - | 131.704 |
| DE000 110243 2 | 1.250 Bund 17 | 15.08.2048 | 30 / 9 | 3.0 | 99.540 | 1.27 | 0.93 | 99.807 |

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) Net yield after deduction of withholding tax and solidarity surcharge (26.375% in total); deductions for church tax are not included.

5) 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.