



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

**Prices and yields of listed Federal securities as of 02.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 02.12.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.016</b>	-0.65	<b>100.016</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.340</b>	-0.73	<b>103.314</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.168</b>	-0.61	<b>100.168</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>99.955</b>	1.86	<b>116.073</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.224</b>	-0.61	<b>100.224</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.315</b>	-0.60	<b>100.315</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.112</b>	-0.61	<b>103.366</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.165</b>	-0.61	<b>102.724</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.488</b>	-0.63	<b>100.488</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.740</b>	-0.60	<b>100.773</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.633</b>	-0.62	<b>100.633</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.520</b>	-0.72	<b>105.808</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.794</b>	-0.62	<b>100.794</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.835</b>	-0.62	<b>100.835</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.940</b>	-0.61	<b>100.940</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.172</b>	-0.62	<b>107.531</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.063</b>	-0.62	<b>105.622</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.088</b>	-0.61	<b>101.088</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.150</b>	-0.62	<b>101.150</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.241</b>	-0.61	<b>101.241</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.610</b>	-0.66	<b>107.440</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.510</b>	-0.64	<b>101.510</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.200</b>	-0.62	<b>106.932</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>105.950</b>	-0.64	<b>106.323</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.810</b>	-0.63	<b>101.810</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>106.870</b>	-0.62	<b>108.070</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.100</b>	-0.62	<b>102.100</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.430</b>	-1.18	<b>113.424</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.370</b>	-0.61	<b>108.202</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.750</b>	-0.60	<b>110.357</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.340</b>	-0.60	<b>102.340</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.320</b>	-0.58	<b>134.039</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>109.880</b>	-0.57	<b>111.280</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.470</b>	-0.56	<b>102.470</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.300</b>	-0.56	<b>110.132</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.380</b>	-0.55	<b>107.683</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.630</b>	-0.53	<b>102.630</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.400</b>	-0.52	<b>105.800</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>108.710</b>	-0.50	<b>109.013</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.210</b>	-0.48	<b>106.610</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.210</b>	-1.28	<b>115.444</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.150</b>	-0.46	<b>103.150</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.070</b>	-0.44	<b>105.270</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>153.430</b>	-0.42	<b>156.147</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.220</b>	-0.42	<b>107.372</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>149.590</b>	-0.40	<b>154.737</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>108.200</b>	-0.48	<b>108.600</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>144.710</b>	-0.37	<b>146.696</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.370</b>	-0.36	<b>105.446</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.370</b>	-0.32	<b>105.594</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	<b>102.810</b>	-0.29	<b>102.810</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>167.170</b>	-0.30	<b>172.889</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.380</b>	-1.24	<b>126.794</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>164.932</b>	-0.26	<b>169.965</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>172.220</b>	-0.15	<b>174.206</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>169.730</b>	-0.06	<b>173.390</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>183.450</b>	-0.01	<b>185.227</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>197.510</b>	0.01	<b>199.496</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>171.370</b>	0.07	<b>172.729</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>157.640</b>	0.12	<b>158.685</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>136.830</b>	-1.10	<b>145.711</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>161.115</b>	0.16	<b>161.873</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>129.460</b>	0.19	<b>129.839</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>93.430</b>	0.22	<b>93.430</b>

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

## Prices and yields of listed Federal securities as of 03.12.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 03.12.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	100.014	-0.64	100.014
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	100.331	-0.75	103.314
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	100.173	-0.64	100.173
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	99.955	1.87	116.083
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	100.232	-0.63	100.232
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	100.326	-0.63	100.326
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	102.117	-0.63	103.379
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	102.179	-0.64	102.745
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	100.504	-0.65	100.504
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	100.767	-0.63	100.801
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	100.655	-0.64	100.655
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	103.542	-0.75	105.837
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	100.832	-0.65	100.832
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	100.867	-0.64	100.867
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	100.975	-0.64	100.975
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	106.201	-0.64	107.568
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	105.100	-0.64	105.666
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	101.127	-0.63	101.127
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	101.194	-0.64	101.194
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	101.270	-0.62	101.270
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	105.650	-0.68	107.486
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	101.550	-0.65	101.550
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	106.260	-0.65	106.996
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	106.000	-0.66	106.377
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	101.860	-0.65	101.860
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	106.940	-0.64	108.144
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	102.170	-0.64	102.170
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	104.520	-1.21	113.527
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	107.440	-0.63	108.276
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	109.830	-0.62	110.442
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	102.430	-0.62	102.430
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	128.410	-0.60	134.146
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	109.980	-0.59	111.385
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	102.570	-0.58	102.570
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	109.410	-0.58	110.246
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	107.500	-0.57	107.806
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	102.740	-0.55	102.740
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	105.475	-0.54	105.876
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	108.780	-0.52	109.086
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	106.280	-0.50	105.681
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	109.350	-1.30	115.598
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	103.210	-0.47	103.210
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	105.120	-0.45	105.321
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	153.420	-0.42	156.155
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	107.250	-0.42	107.403
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	149.580	-0.40	154.743
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	107.470	-0.39	107.871
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	144.700	-0.37	146.699
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	105.370	-0.36	105.447
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	105.315	-0.32	105.540
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	19.00	102.765	-0.28	102.765
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	167.140	-0.30	172.876
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	119.430	-1.25	126.853
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	164.870	-0.26	169.918
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	172.050	-0.14	174.049
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	169.500	-0.05	173.171
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	183.090	0.00	184.878
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	197.080	0.02	199.079
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	170.860	0.08	172.227
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	157.120	0.14	158.172
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	136.560	-1.09	145.431
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	160.520	0.18	161.285
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	128.940	0.21	129.323
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	93.000	0.24	93.000

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**Prices and yields of listed Federal securities as of 04.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 04.12.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.012</b>	-0.63	<b>100.012</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 1	22.00	<b>100.318</b>	-0.73	<b>103.310</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.180</b>	-0.67	<b>100.180</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>99.970</b>	1.82	<b>116.111</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.234</b>	-0.64	<b>100.234</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.334</b>	-0.64	<b>100.334</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 7	22.00	<b>102.113</b>	-0.64	<b>103.383</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 9	16.00	<b>102.180</b>	-0.65	<b>102.752</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.512</b>	-0.67	<b>100.512</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.771</b>	-0.64	<b>100.806</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.669</b>	-0.66	<b>100.669</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 1	19.00	<b>103.545</b>	-0.76	<b>105.846</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.846</b>	-0.66	<b>100.846</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.881</b>	-0.65	<b>100.881</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.995</b>	-0.65	<b>100.995</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 7	19.00	<b>106.217</b>	-0.66	<b>107.593</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 9	16.00	<b>105.125</b>	-0.66	<b>105.697</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.156</b>	-0.65	<b>101.156</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.225</b>	-0.66	<b>101.225</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.306</b>	-0.64	<b>101.306</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 1	20.00	<b>105.680</b>	-0.70	<b>107.521</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.590</b>	-0.67	<b>101.590</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 7	24.00	<b>106.270</b>	-0.65	<b>107.011</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 9	18.00	<b>106.040</b>	-0.67	<b>106.421</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.920</b>	-0.67	<b>101.920</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>107.000</b>	-0.66	<b>108.208</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.240</b>	-0.66	<b>102.240</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.550</b>	-1.22	<b>113.565</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.510</b>	-0.65	<b>108.350</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.910</b>	-0.64	<b>110.527</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.530</b>	-0.65	<b>102.530</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 1	10.25	<b>128.510</b>	-0.63	<b>134.263</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>110.090</b>	-0.62	<b>111.500</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.680</b>	-0.61	<b>102.680</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.530</b>	-0.61	<b>110.370</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.640</b>	-0.60	<b>107.949</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.880</b>	-0.58	<b>102.880</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.730</b>	-0.58	<b>106.133</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>109.070</b>	-0.56	<b>109.379</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.600</b>	-0.54	<b>107.003</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.490</b>	-1.32	<b>115.751</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.560</b>	-0.52	<b>103.560</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.500</b>	-0.50	<b>105.701</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 7	11.25	<b>153.920</b>	-0.47	<b>156.673</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.650</b>	-0.47	<b>107.804</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 1	14.50	<b>150.100</b>	-0.45	<b>155.278</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>107.910</b>	-0.45	<b>108.313</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 7	11.25	<b>145.240</b>	-0.42	<b>147.252</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.850</b>	-0.41	<b>105.927</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.830</b>	-0.37	<b>106.055</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	22.00	<b>103.300</b>	-0.33	<b>103.300</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 1	9.25	<b>167.860</b>	-0.35	<b>173.613</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.670</b>	-1.27	<b>127.115</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 1	17.00	<b>165.640</b>	-0.31	<b>170.703</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 7	20.00	<b>173.040</b>	-0.19	<b>175.052</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 1	23.00	<b>170.580</b>	-0.10	<b>174.262</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 7	14.00	<b>184.430</b>	-0.04	<b>186.230</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 7	16.00	<b>198.550</b>	-0.03	<b>200.562</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 7	15.00	<b>172.300</b>	0.03	<b>173.676</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 7	27.50	<b>158.690</b>	0.09	<b>159.749</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>137.160</b>	-1.11	<b>146.075</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>162.280</b>	0.13	<b>163.052</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>130.570</b>	0.16	<b>130.956</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>94.440</b>	0.19	<b>94.440</b>

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

## Prices and yields of listed Federal securities as of 05.12.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 05.12.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.007</b>	-0.64	<b>100.007</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 0	22.00	<b>100.288</b>	-0.77	<b>103.306</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.178</b>	-0.68	<b>100.178</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>99.950</b>	1.88	<b>116.120</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.230</b>	-0.65	<b>100.230</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.327</b>	-0.64	<b>100.327</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 6	22.00	<b>102.082</b>	-0.64	<b>103.377</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 8	16.00	<b>102.149</b>	-0.65	<b>102.739</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.503</b>	-0.66	<b>100.503</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.758</b>	-0.63	<b>100.795</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.654</b>	-0.65	<b>100.654</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 0	19.00	<b>103.507</b>	-0.75	<b>105.829</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.823</b>	-0.65	<b>100.823</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.854</b>	-0.64	<b>100.854</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.974</b>	-0.64	<b>100.974</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 6	19.00	<b>106.157</b>	-0.64	<b>107.560</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 8	16.00	<b>105.065</b>	-0.64	<b>105.655</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.125</b>	-0.64	<b>101.125</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.189</b>	-0.64	<b>101.189</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.263</b>	-0.62	<b>101.263</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 0	20.00	<b>105.610</b>	-0.68	<b>107.468</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.530</b>	-0.65	<b>101.530</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 6	24.00	<b>106.190</b>	-0.63	<b>106.945</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 8	18.00	<b>105.960</b>	-0.65	<b>106.353</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.840</b>	-0.64	<b>101.840</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>106.910</b>	-0.64	<b>108.131</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.160</b>	-0.64	<b>102.160</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.460</b>	-1.20	<b>113.483</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.410</b>	-0.63	<b>108.262</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.800</b>	-0.62	<b>110.434</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.420</b>	-0.62	<b>102.420</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 0	10.25	<b>128.320</b>	-0.60	<b>134.125</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>109.960</b>	-0.59	<b>111.384</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 4	21.00	<b>102.560</b>	-0.58	<b>102.560</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.400</b>	-0.59	<b>110.252</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.500</b>	-0.58	<b>107.817</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.740</b>	-0.55	<b>102.740</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.550</b>	-0.55	<b>105.957</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>108.860</b>	-0.53	<b>109.177</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.380</b>	-0.51	<b>106.787</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.300</b>	-1.30	<b>115.566</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.320</b>	-0.49	<b>103.320</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.250</b>	-0.47	<b>105.453</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 6	11.25	<b>153.540</b>	-0.44	<b>156.346</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.390</b>	-0.44	<b>107.548</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 0	14.50	<b>149.720</b>	-0.42	<b>154.944</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>107.630</b>	-0.41	<b>108.037</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 6	11.25	<b>144.870</b>	-0.39	<b>146.921</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.590</b>	-0.38	<b>105.669</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.550</b>	-0.34	<b>105.777</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	22.00	<b>103.010</b>	-0.31	<b>103.010</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 0	9.25	<b>167.400</b>	-0.32	<b>173.205</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.270</b>	-1.23	<b>126.711</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 0	17.00	<b>165.120</b>	-0.28	<b>170.228</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 6	20.00	<b>172.380</b>	-0.16	<b>174.431</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 0	23.00	<b>169.900</b>	-0.07	<b>173.615</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 6	14.00	<b>183.650</b>	-0.02	<b>185.485</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 6	16.00	<b>197.740</b>	0.00	<b>199.791</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 6	15.00	<b>171.560</b>	0.06	<b>172.963</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 6	27.50	<b>158.000</b>	0.11	<b>159.079</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>136.270</b>	-1.08	<b>145.148</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>161.530</b>	0.15	<b>162.322</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>129.850</b>	0.18	<b>130.246</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>93.760</b>	0.21	<b>93.760</b>

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3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

**Prices and yields of listed Federal securities as of 06.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 06.12.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.006</b>	-0.55	<b>100.006</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 0	22.00	<b>100.279</b>	-0.65	<b>103.297</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.177</b>	-0.68	<b>100.177</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>99.930</b>	1.94	<b>116.097</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.231</b>	-0.65	<b>100.231</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.326</b>	-0.64	<b>100.326</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 6	22.00	<b>102.073</b>	-0.63	<b>103.368</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 8	16.00	<b>102.147</b>	-0.64	<b>102.737</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.503</b>	-0.66	<b>100.503</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.764</b>	-0.64	<b>100.801</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.654</b>	-0.65	<b>100.654</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 0	19.00	<b>103.502</b>	-0.74	<b>105.824</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.831</b>	-0.66	<b>100.831</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.858</b>	-0.64	<b>100.858</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.977</b>	-0.64	<b>100.977</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 6	19.00	<b>106.149</b>	-0.64	<b>107.552</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 8	16.00	<b>105.062</b>	-0.64	<b>105.652</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.129</b>	-0.64	<b>101.129</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 10	19.00	<b>101.191</b>	-0.64	<b>101.191</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.277</b>	-0.63	<b>101.277</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 0	20.00	<b>105.605</b>	-0.68	<b>107.463</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 4	18.00	<b>101.540</b>	-0.65	<b>101.540</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 6	24.00	<b>106.195</b>	-0.63	<b>106.950</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 8	18.00	<b>105.955</b>	-0.65	<b>106.348</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 10	17.00	<b>101.855</b>	-0.65	<b>101.855</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>106.915</b>	-0.64	<b>108.136</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.165</b>	-0.64	<b>102.165</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.450</b>	-1.19	<b>113.472</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.415</b>	-0.63	<b>108.267</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.815</b>	-0.63	<b>110.449</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.425</b>	-0.62	<b>102.425</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 0	10.25	<b>128.320</b>	-0.60	<b>134.125</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>109.970</b>	-0.59	<b>111.394</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 3	21.00	<b>102.570</b>	-0.59	<b>102.570</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.405</b>	-0.59	<b>110.257</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.505</b>	-0.58	<b>107.822</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.745</b>	-0.56	<b>102.745</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.565</b>	-0.55	<b>105.972</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>108.865</b>	-0.53	<b>109.182</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.400</b>	-0.52	<b>106.807</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.270</b>	-1.29	<b>115.534</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.330</b>	-0.49	<b>103.330</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.260</b>	-0.47	<b>105.463</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 6	11.25	<b>153.550</b>	-0.44	<b>156.356</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.410</b>	-0.45	<b>107.568</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 0	14.50	<b>149.710</b>	-0.42	<b>154.934</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>107.640</b>	-0.42	<b>108.047</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 6	11.25	<b>144.850</b>	-0.39	<b>146.901</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.600</b>	-0.38	<b>105.679</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.530</b>	-0.34	<b>105.757</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	22.00	<b>102.990</b>	-0.30	<b>102.990</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 0	9.25	<b>167.370</b>	-0.32	<b>173.175</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.260</b>	-1.23	<b>126.700</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 0	17.00	<b>165.050</b>	-0.28	<b>170.158</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 6	20.00	<b>172.310</b>	-0.15	<b>174.361</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 0	23.00	<b>169.810</b>	-0.07	<b>173.525</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 6	14.00	<b>183.570</b>	-0.01	<b>185.405</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 6	16.00	<b>197.630</b>	0.00	<b>199.681</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 6	15.00	<b>171.510</b>	0.06	<b>172.913</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 6	27.50	<b>157.950</b>	0.11	<b>159.029</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>136.400</b>	-1.09	<b>145.286</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>161.490</b>	0.15	<b>162.282</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>129.850</b>	0.18	<b>130.246</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>93.740</b>	0.21	<b>93.740</b>

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

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

3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

## Prices and yields of listed Federal securities as of 09.12.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 09.12.19	Yield	"Dirty price"
DE000 110470 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.005</b>	-0.91	<b>100.005</b>
DE000 113539 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 0	22.00	<b>100.268</b>	-0.80	<b>103.304</b>
DE000 110471 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.177</b>	-0.70	<b>100.177</b>
DE000 103052 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>99.940</b>	1.92	<b>116.128</b>
DE000 114171 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.231</b>	-0.66	<b>100.231</b>
DE000 110472 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.328</b>	-0.65	<b>100.328</b>
DE000 113540 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 6	22.00	<b>102.067</b>	-0.65	<b>103.378</b>
DE000 113541 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 8	16.00	<b>102.142</b>	-0.66	<b>102.744</b>
DE000 110473 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.504</b>	-0.67	<b>100.504</b>
DE000 114172 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.765</b>	-0.65	<b>100.803</b>
DE000 110474 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.657</b>	-0.65	<b>100.657</b>
DE000 113542 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 0	19.00	<b>103.500</b>	-0.76	<b>105.836</b>
DE000 110475 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.835</b>	-0.66	<b>100.835</b>
DE000 114173 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 4	21.00	<b>100.867</b>	-0.65	<b>100.867</b>
DE000 110476 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.986</b>	-0.65	<b>100.986</b>
DE000 113544 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 6	19.00	<b>106.145</b>	-0.65	<b>107.566</b>
DE000 113545 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 8	16.00	<b>105.055</b>	-0.64	<b>105.657</b>
DE000 110477 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.141</b>	-0.65	<b>101.141</b>
DE000 114174 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 9	19.00	<b>101.198</b>	-0.65	<b>101.198</b>
DE000 110478 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	5.00	<b>101.284</b>	-0.64	<b>101.284</b>
DE000 113546 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 0	20.00	<b>105.602</b>	-0.68	<b>107.470</b>
DE000 114175 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 3	18.00	<b>101.540</b>	-0.66	<b>101.540</b>
DE000 113547 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 6	24.00	<b>106.200</b>	-0.64	<b>106.965</b>
DE000 113549 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 8	18.00	<b>105.960</b>	-0.65	<b>106.362</b>
DE000 114176 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 9	17.00	<b>101.870</b>	-0.65	<b>101.870</b>
DE000 110230 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>106.920</b>	-0.65	<b>108.149</b>
DE000 114177 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.170</b>	-0.64	<b>102.170</b>
DE000 103054 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.470</b>	-1.20	<b>113.504</b>
DE000 110231 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.420</b>	-0.63	<b>108.281</b>
DE000 110232 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.820</b>	-0.63	<b>110.465</b>
DE000 114178 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.440</b>	-0.63	<b>102.440</b>
DE000 113492 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 0	10.25	<b>128.320</b>	-0.61	<b>134.159</b>
DE000 110233 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>109.990</b>	-0.60	<b>111.424</b>
DE000 114179 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 3	21.00	<b>102.590</b>	-0.59	<b>102.590</b>
DE000 110235 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.430</b>	-0.60	<b>110.291</b>
DE000 110236 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.520</b>	-0.58	<b>107.842</b>
DE000 114180 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.770</b>	-0.56	<b>102.770</b>
DE000 110237 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.590</b>	-0.56	<b>106.000</b>
DE000 110238 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>108.890</b>	-0.54	<b>109.212</b>
DE000 110239 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.420</b>	-0.52	<b>106.830</b>
DE000 103056 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.350</b>	-1.30	<b>115.629</b>
DE000 110240 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.370</b>	-0.50	<b>103.370</b>
DE000 110241 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.280</b>	-0.47	<b>105.485</b>
DE000 113504 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 6	11.25	<b>153.550</b>	-0.45	<b>156.392</b>
DE000 110242 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.430</b>	-0.45	<b>107.591</b>
DE000 113506 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 0	14.50	<b>149.710</b>	-0.42	<b>154.965</b>
DE000 110244 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>107.660</b>	-0.42	<b>108.070</b>
DE000 113508 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 6	11.25	<b>144.880</b>	-0.39	<b>146.957</b>
DE000 110245 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.620</b>	-0.39	<b>105.701</b>
DE000 110246 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.570</b>	-0.35	<b>105.799</b>
DE000 110247 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	22.00	<b>103.010</b>	-0.31	<b>103.010</b>
DE000 113514 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 0	9.25	<b>167.410</b>	-0.33	<b>173.249</b>
DE000 103055 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.390</b>	-1.24	<b>126.853</b>
DE000 113517 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 0	17.00	<b>165.070</b>	-0.28	<b>170.208</b>
DE000 113522 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 6	20.00	<b>172.290</b>	-0.15	<b>174.367</b>
DE000 113527 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 0	23.00	<b>169.740</b>	-0.06	<b>173.477</b>
DE000 113532 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 6	14.00	<b>183.460</b>	-0.01	<b>185.318</b>
DE000 113536 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 6	16.00	<b>197.510</b>	0.01	<b>199.587</b>
DE000 113543 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 6	15.00	<b>171.370</b>	0.06	<b>172.791</b>
DE000 113548 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 6	27.50	<b>157.830</b>	0.11	<b>158.923</b>
DE000 103057 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>136.580</b>	-1.09	<b>145.491</b>
DE000 110234 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>161.370</b>	0.15	<b>162.176</b>
DE000 110243 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>129.740</b>	0.18	<b>130.143</b>
DE000 110248 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>93.650</b>	0.21	<b>93.650</b>

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

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

## Prices and yields of listed Federal securities as of 10.12.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 10.12.19	Yield	"Dirty price"
DE000 <b>110470</b> 1	<b>0.000 BSA 17 IV</b>	13.12.2019	0 / 0	13.00	<b>100.002</b>	-0.73	<b>100.002</b>
DE000 <b>113539</b> 0	<b>3.250 Bund 09</b>	04.01.2020	0 / 0	22.00	<b>100.258</b>	-0.82	<b>103.303</b>
DE000 <b>110471</b> 9	<b>0.000 BSA 18</b>	13.03.2020	0 / 3	13.00	<b>100.179</b>	-0.71	<b>100.179</b>
DE000 <b>103052</b> 6	<b>1.750 Bund 09 index.</b>	15.04.2020	0 / 4	16.00	<b>99.930</b>	1.95	<b>116.127</b>
DE000 <b>114171</b> 1	<b>0.000 BO S 171</b>	17.04.2020	0 / 4	20.00	<b>100.231</b>	-0.66	<b>100.231</b>
DE000 <b>110472</b> 7	<b>0.000 BSA 18 II</b>	12.06.2020	0 / 6	12.00	<b>100.328</b>	-0.65	<b>100.328</b>
DE000 <b>113540</b> 8	<b>3.000 Bund 10</b>	04.07.2020	0 / 6	22.00	<b>102.066</b>	-0.67	<b>103.386</b>
DE000 <b>113541</b> 6	<b>2.250 Bund 10</b>	04.09.2020	0 / 8	16.00	<b>102.136</b>	-0.66	<b>102.745</b>
DE000 <b>110473</b> 5	<b>0.000 BSA 18 III</b>	11.09.2020	0 / 9	12.00	<b>100.504</b>	-0.67	<b>100.504</b>
DE000 <b>114172</b> 9	<b>0.250 BO S 172</b>	16.10.2020	0 / 10	19.00	<b>100.757</b>	-0.64	<b>100.796</b>
DE000 <b>110474</b> 3	<b>0.000 BSA 18 IV</b>	11.12.2020	1 / 0	12.00	<b>100.659</b>	-0.66	<b>100.659</b>
DE000 <b>113542</b> 4	<b>2.500 Bund 10</b>	04.01.2021	1 / 0	19.00	<b>103.493</b>	-0.76	<b>105.835</b>
DE000 <b>110475</b> 0	<b>0.000 BSA 19</b>	12.03.2021	1 / 3	13.00	<b>100.839</b>	-0.67	<b>100.839</b>
DE000 <b>114173</b> 7	<b>0.000 BO S 173</b>	09.04.2021	1 / 3	21.00	<b>100.870</b>	-0.65	<b>100.870</b>
DE000 <b>110476</b> 8	<b>0.000 BSA 19</b>	11.06.2021	1 / 6	14.00	<b>100.990</b>	-0.66	<b>100.990</b>
DE000 <b>113544</b> 0	<b>3.250 Bund 11</b>	04.07.2021	1 / 6	19.00	<b>106.136</b>	-0.65	<b>107.566</b>
DE000 <b>113545</b> 7	<b>2.250 Bund 11</b>	04.09.2021	1 / 8	16.00	<b>105.050</b>	-0.64	<b>105.659</b>
DE000 <b>110477</b> 6	<b>0.000 BSA 19</b>	10.09.2021	1 / 9	13.00	<b>101.143</b>	-0.65	<b>101.143</b>
DE000 <b>114174</b> 5	<b>0.000 BO S 174</b>	08.10.2021	1 / 9	19.00	<b>101.197</b>	-0.65	<b>101.197</b>
DE000 <b>110478</b> 4	<b>0.000 BSA 19</b>	10.12.2021	2 / 0	9.00	<b>101.286</b>	-0.64	<b>101.286</b>
DE000 <b>113546</b> 5	<b>2.000 Bund 11</b>	04.01.2022	2 / 0	20.00	<b>105.597</b>	-0.68	<b>107.471</b>
DE000 <b>114175</b> 2	<b>0.000 BO S 175</b>	08.04.2022	2 / 3	18.00	<b>101.540</b>	-0.66	<b>101.540</b>
DE000 <b>113547</b> 3	<b>1.750 Bund 12</b>	04.07.2022	2 / 6	24.00	<b>106.190</b>	-0.64	<b>106.960</b>
DE000 <b>113549</b> 9	<b>1.500 Bund 12</b>	04.09.2022	2 / 8	18.00	<b>105.950</b>	-0.65	<b>106.356</b>
DE000 <b>114176</b> 0	<b>0.000 BO S 176</b>	07.10.2022	2 / 9	17.00	<b>101.860</b>	-0.65	<b>101.860</b>
DE000 <b>110230</b> 9	<b>1.500 Bund 13</b>	15.02.2023	3 / 2	18.00	<b>106.900</b>	-0.64	<b>108.133</b>
DE000 <b>114177</b> 8	<b>0.000 BO S 177</b>	14.04.2023	3 / 4	16.00	<b>102.140</b>	-0.63	<b>102.140</b>
DE000 <b>103054</b> 2	<b>0.100 Bund 12 index.</b>	15.04.2023	3 / 4	16.50	<b>104.450</b>	-1.20	<b>113.487</b>
DE000 <b>110231</b> 7	<b>1.500 Bund 13 II</b>	15.05.2023	3 / 5	18.00	<b>107.400</b>	-0.63	<b>108.265</b>
DE000 <b>110232</b> 5	<b>2.000 Bund 13</b>	15.08.2023	3 / 8	18.00	<b>109.790</b>	-0.62	<b>110.440</b>
DE000 <b>114178</b> 6	<b>0.000 BO S 178</b>	13.10.2023	3 / 10	16.00	<b>102.410</b>	-0.62	<b>102.410</b>
DE000 <b>113492</b> 2	<b>6.250 Bund 94</b>	04.01.2024	4 / 0	10.25	<b>128.280</b>	-0.60	<b>134.136</b>
DE000 <b>110233</b> 3	<b>1.750 Bund 14</b>	15.02.2024	4 / 2	18.00	<b>109.960</b>	-0.60	<b>111.398</b>
DE000 <b>114179</b> 4	<b>0.000 BO S 179</b>	05.04.2024	4 / 3	21.00	<b>102.570</b>	-0.59	<b>102.570</b>
DE000 <b>110235</b> 8	<b>1.500 Bund 14</b>	15.05.2024	4 / 5	18.00	<b>109.400</b>	-0.59	<b>110.265</b>
DE000 <b>110236</b> 6	<b>1.000 Bund 14</b>	15.08.2024	4 / 8	18.00	<b>107.490</b>	-0.58	<b>107.815</b>
DE000 <b>114180</b> 2	<b>0.000 BO S 180</b>	18.10.2024	4 / 10	20.00	<b>102.740</b>	-0.56	<b>102.740</b>
DE000 <b>110237</b> 4	<b>0.500 Bund 15</b>	15.02.2025	5 / 2	23.00	<b>105.550</b>	-0.55	<b>105.961</b>
DE000 <b>110238</b> 2	<b>1.000 Bund 15</b>	15.08.2025	5 / 8	23.00	<b>108.840</b>	-0.53	<b>109.165</b>
DE000 <b>110239</b> 0	<b>0.500 Bund 16</b>	15.02.2026	6 / 2	26.00	<b>106.360</b>	-0.51	<b>106.771</b>
DE000 <b>103056</b> 7	<b>0.100 Bund 15 index.</b>	15.04.2026	6 / 4	16.20	<b>109.340</b>	-1.30	<b>115.624</b>
DE000 <b>110240</b> 8	<b>0.000 Bund 16</b>	15.08.2026	6 / 8	25.00	<b>103.300</b>	-0.49	<b>103.300</b>
DE000 <b>110241</b> 6	<b>0.250 Bund 17</b>	15.02.2027	7 / 2	26.00	<b>105.200</b>	-0.46	<b>105.405</b>
DE000 <b>113504</b> 4	<b>6.500 Bund 97</b>	04.07.2027	7 / 6	11.25	<b>153.420</b>	-0.43	<b>156.279</b>
DE000 <b>110242</b> 4	<b>0.500 Bund 17</b>	15.08.2027	7 / 8	25.00	<b>107.320</b>	-0.44	<b>107.483</b>
DE000 <b>113506</b> 9	<b>5.625 Bund 98</b>	04.01.2028	8 / 0	14.50	<b>149.560</b>	-0.41	<b>154.831</b>
DE000 <b>110244</b> 0	<b>0.500 Bund 18</b>	15.02.2028	8 / 2	21.00	<b>107.540</b>	-0.40	<b>107.951</b>
DE000 <b>113508</b> 5	<b>4.750 Bund 98 II</b>	04.07.2028	8 / 6	11.25	<b>144.700</b>	-0.38	<b>146.789</b>
DE000 <b>110245</b> 7	<b>0.250 Bund 18</b>	15.08.2028	8 / 8	21.00	<b>105.480</b>	-0.37	<b>105.561</b>
DE000 <b>110246</b> 5	<b>0.250 Bund 19</b>	15.02.2029	9 / 2	22.00	<b>105.430</b>	-0.33	<b>105.659</b>
DE000 <b>110247</b> 3	<b>0.000 Bund 19</b>	15.08.2029	9 / 8	22.00	<b>102.860</b>	-0.29	<b>102.860</b>
DE000 <b>113514</b> 3	<b>6.250 Bund 00</b>	04.01.2030	10 / 0	9.25	<b>167.170</b>	-0.31	<b>173.026</b>
DE000 <b>103055</b> 9	<b>0.500 Bund 14 index.</b>	15.04.2030	10 / 4	15.05	<b>119.330</b>	-1.24	<b>126.796</b>
DE000 <b>113517</b> 6	<b>5.500 Bund 00</b>	04.01.2031	11 / 0	17.00	<b>164.820</b>	-0.27	<b>169.973</b>
DE000 <b>113522</b> 6	<b>4.750 Bund 03</b>	04.07.2034	14 / 6	20.00	<b>171.880</b>	-0.14	<b>173.969</b>
DE000 <b>113527</b> 5	<b>4.000 Bund 05</b>	04.01.2037	17 / 0	23.00	<b>169.240</b>	-0.04	<b>172.988</b>
DE000 <b>113532</b> 5	<b>4.250 Bund 07</b>	04.07.2039	19 / 6	14.00	<b>182.810</b>	0.01	<b>184.680</b>
DE000 <b>113536</b> 6	<b>4.750 Bund 08</b>	04.07.2040	20 / 6	16.00	<b>196.790</b>	0.03	<b>198.879</b>
DE000 <b>113543</b> 2	<b>3.250 Bund 10</b>	04.07.2042	22 / 6	15.00	<b>170.640</b>	0.09	<b>172.070</b>
DE000 <b>113548</b> 1	<b>2.500 Bund 12</b>	04.07.2044	24 / 6	27.50	<b>157.070</b>	0.14	<b>158.170</b>
DE000 <b>103057</b> 5	<b>0.100 Bund 15 index. II</b>	15.04.2046	26 / 4	8.85	<b>135.960</b>	-1.07	<b>144.838</b>
DE000 <b>110234</b> 1	<b>2.500 Bund 14</b>	15.08.2046	26 / 8	28.00	<b>160.510</b>	0.18	<b>161.323</b>
DE000 <b>110243</b> 2	<b>1.250 Bund 17</b>	15.08.2048	28 / 8	17.50	<b>128.920</b>	0.21	<b>129.326</b>
DE000 <b>110248</b> 1	<b>0.000 Bund 19</b>	15.08.2050	30 / 8	5.00	<b>92.940</b>	0.24	<b>92.940</b>

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



**Prices and yields of listed Federal securities as of 11.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 11.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.247	-0.82	103.301
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 3	13.00	100.180	-0.72	100.180
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 4	16.00	99.930	1.95	116.138
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 4	20.00	100.233	-0.68	100.233
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 6	12.00	100.332	-0.67	100.332
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	102.062	-0.68	103.390
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.137	-0.67	102.752
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 9	12.00	100.510	-0.68	100.510
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 10	19.00	100.761	-0.65	100.801
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	1 / 0	12.00	100.666	-0.67	100.666
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.494	-0.77	105.843
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 3	13.00	100.861	-0.69	100.861
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.885	-0.66	100.885
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 6	14.00	101.007	-0.67	101.007
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	106.141	-0.66	107.580
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	105.057	-0.65	105.672
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.160	-0.66	101.160
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.221	-0.66	101.221
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.308	-0.65	101.308
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.617	-0.70	107.496
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.570	-0.67	101.570
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.230	-0.66	107.005
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.990	-0.67	106.400
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.900	-0.67	101.900
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 2	18.00	106.950	-0.66	108.187
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 4	16.00	102.200	-0.65	102.200
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 4	16.50	104.500	-1.21	113.546
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 5	18.00	107.460	-0.65	108.329
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 8	18.00	109.850	-0.64	110.506
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 10	16.00	102.470	-0.63	102.470
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	128.370	-0.63	134.243
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 2	18.00	110.040	-0.62	111.483
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.650	-0.60	102.650
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 5	18.00	109.490	-0.61	110.359
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 8	18.00	107.600	-0.60	107.928
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 10	20.00	102.860	-0.58	102.860
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 2	23.00	105.680	-0.58	106.092
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 8	23.00	108.990	-0.56	109.318
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 2	26.00	106.520	-0.54	106.932
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 4	16.20	109.500	-1.33	115.798
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 8	25.00	103.470	-0.51	103.470
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 2	26.00	105.380	-0.48	105.586
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	153.680	-0.46	156.557
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 8	25.00	107.530	-0.46	107.694
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	149.850	-0.44	155.136
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 2	21.00	107.790	-0.43	108.202
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	144.990	-0.41	147.092
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 8	21.00	105.750	-0.40	105.832
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 2	22.00	105.720	-0.36	105.950
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 8	22.00	103.170	-0.32	103.170
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	167.580	-0.34	173.453
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 4	15.05	119.700	-1.27	127.195
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	165.260	-0.30	170.428
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	172.530	-0.17	174.632
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	170.000	-0.08	173.759
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	183.730	-0.02	185.611
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	197.790	0.00	199.892
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	171.690	0.05	173.129
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	158.160	0.10	159.267
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 4	8.85	137.320	-1.11	146.291
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 8	28.00	161.700	0.14	162.520
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 8	17.50	130.080	0.17	130.490
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 8	5.00	93.950	0.20	93.950

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**Prices and yields of listed Federal securities as of 12.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 12.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.214	-0.83	103.295
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 3	13.00	100.172	-0.71	100.172
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 4	16.00	99.910	2.01	116.147
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 4	20.00	100.227	-0.67	100.227
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 6	12.00	100.327	-0.67	100.327
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	102.032	-0.68	103.384
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.112	-0.67	102.745
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.506	-0.68	100.506
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 10	19.00	100.757	-0.65	100.799
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.668	-0.67	100.668
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.472	-0.77	105.842
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 3	13.00	100.868	-0.70	100.868
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.881	-0.67	100.881
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	101.005	-0.67	101.005
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	106.114	-0.66	107.579
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	105.035	-0.65	105.668
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.163	-0.66	101.163
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.218	-0.67	101.218
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.306	-0.65	101.306
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.595	-0.70	107.491
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.560	-0.67	101.560
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.200	-0.65	106.989
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.970	-0.67	106.392
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.900	-0.67	101.900
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 2	18.00	106.940	-0.66	108.189
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 4	16.00	102.200	-0.65	102.200
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 4	16.50	104.500	-1.22	113.562
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 5	18.00	107.450	-0.65	108.331
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 8	18.00	109.850	-0.65	110.522
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 10	16.00	102.490	-0.64	102.490
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	128.320	-0.63	134.245
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 2	18.00	110.020	-0.62	111.478
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.660	-0.61	102.660
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 5	18.00	109.490	-0.61	110.371
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 8	18.00	107.600	-0.60	107.936
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 10	20.00	102.880	-0.59	102.880
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 2	23.00	105.690	-0.58	106.106
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 8	23.00	109.000	-0.56	109.336
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 2	26.00	106.530	-0.54	106.946
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 4	16.20	109.540	-1.33	115.857
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 8	25.00	103.490	-0.51	103.490
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 2	26.00	105.390	-0.49	105.598
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	153.640	-0.46	156.570
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 8	25.00	107.550	-0.47	107.718
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	149.830	-0.44	155.162
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 2	21.00	107.820	-0.44	108.236
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	144.990	-0.41	147.131
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 8	21.00	105.790	-0.41	105.874
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 2	22.00	105.760	-0.37	105.992
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 8	22.00	103.220	-0.33	103.220
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	167.610	-0.35	173.535
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 4	15.05	119.880	-1.29	127.406
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	165.290	-0.30	170.504
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	172.580	-0.17	174.721
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	170.080	-0.08	173.872
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	183.840	-0.03	185.756
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	197.930	-0.01	200.071
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	171.840	0.05	173.305
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	158.330	0.09	159.457
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 4	8.85	137.960	-1.13	146.993
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 8	28.00	161.900	0.13	162.740
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 8	17.50	130.260	0.17	130.680
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 8	5.00	94.100	0.20	94.100

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

## Prices and yields of listed Federal securities as of 13.12.19

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 13.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.202	-0.61	103.283
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 3	13.00	100.164	-0.68	100.164
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 4	16.00	99.885	2.09	116.118
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 4	20.00	100.221	-0.66	100.221
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.323	-0.66	100.323
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	102.017	-0.65	103.369
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.100	-0.65	102.733
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.492	-0.66	100.492
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 10	19.00	100.749	-0.64	100.791
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.652	-0.66	100.652
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.446	-0.75	105.816
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.852	-0.68	100.852
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.858	-0.65	100.858
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	100.979	-0.65	100.979
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	106.068	-0.63	107.533
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.993	-0.63	105.626
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.124	-0.64	101.124
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.176	-0.64	101.176
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.251	-0.62	101.251
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.529	-0.67	107.425
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.490	-0.64	101.490
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.089	-0.61	106.878
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.860	-0.63	106.282
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.770	-0.62	101.770
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 2	18.00	106.780	-0.61	108.029
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 4	16.00	102.040	-0.60	102.040
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 4	16.50	104.430	-1.20	113.486
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 5	18.00	107.270	-0.60	108.151
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 8	18.00	109.640	-0.59	110.312
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 10	16.00	102.270	-0.59	102.270
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	128.010	-0.56	133.935
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 2	18.00	109.740	-0.55	111.198
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.380	-0.55	102.380
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 5	18.00	109.180	-0.55	110.061
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 8	18.00	107.260	-0.53	107.596
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 10	20.00	102.520	-0.51	102.520
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 2	23.00	105.290	-0.51	105.706
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 8	23.00	108.550	-0.49	108.886
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 2	26.00	106.050	-0.46	106.466
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 4	16.20	109.250	-1.29	115.550
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 8	25.00	102.980	-0.44	102.980
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 2	26.00	104.810	-0.41	105.018
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	152.830	-0.38	155.760
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 8	25.00	106.890	-0.38	107.058
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	148.960	-0.36	154.292
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 2	21.00	107.120	-0.36	107.536
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	144.060	-0.32	146.201
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 8	21.00	105.050	-0.32	105.134
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 2	22.00	104.960	-0.28	105.192
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 8	22.00	102.380	-0.24	102.380
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	166.430	-0.26	172.355
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 4	15.05	119.200	-1.23	126.685
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	164.030	-0.22	169.244
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	170.930	-0.09	173.071
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	168.170	0.00	171.962
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	181.540	0.06	183.456
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	195.380	0.07	197.521
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	169.330	0.13	170.795
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	155.730	0.18	156.857
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 4	8.85	135.950	-1.07	144.853
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 8	28.00	159.050	0.22	159.890
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 8	17.50	127.590	0.25	128.010
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 8	5.00	91.730	0.28	91.730

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3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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

**Prices and yields of listed Federal securities as of 16.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 16.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.191	-0.82	103.290
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 2	13.00	100.161	-0.68	100.161
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 3	16.00	99.900	2.05	116.156
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 4	20.00	100.219	-0.66	100.219
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.321	-0.66	100.321
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	102.010	-0.67	103.379
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.095	-0.67	102.740
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.495	-0.67	100.495
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 10	19.00	100.750	-0.65	100.793
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.654	-0.66	100.654
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.439	-0.76	105.823
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.860	-0.69	100.860
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.865	-0.66	100.865
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	100.982	-0.66	100.982
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	106.065	-0.64	107.548
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.996	-0.64	105.641
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.126	-0.65	101.126
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.185	-0.65	101.185
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.258	-0.63	101.258
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.544	-0.68	107.451
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.500	-0.64	101.500
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.130	-0.63	106.928
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.880	-0.64	106.310
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.820	-0.64	101.820
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 1	18.00	106.830	-0.63	108.088
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 3	16.00	102.100	-0.62	102.100
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 3	16.50	104.410	-1.19	113.475
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 4	18.00	107.330	-0.62	108.219
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 7	18.00	109.700	-0.61	110.383
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 9	16.00	102.360	-0.61	102.360
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	128.110	-0.59	134.069
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 1	18.00	109.850	-0.58	111.317
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.500	-0.57	102.500
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 4	18.00	109.300	-0.58	110.189
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 7	18.00	107.400	-0.56	107.742
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 10	20.00	102.680	-0.55	102.680
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 1	23.00	105.480	-0.54	105.899
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 7	23.00	108.780	-0.52	109.122
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 1	26.00	106.320	-0.51	106.739
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 3	16.20	109.400	-1.32	115.719
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 7	25.00	103.290	-0.48	103.290
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 1	26.00	105.170	-0.46	105.380
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	153.310	-0.44	156.276
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 7	25.00	107.300	-0.44	107.471
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	149.510	-0.41	154.873
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 1	21.00	107.570	-0.41	107.989
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	144.650	-0.38	146.817
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 7	21.00	105.570	-0.38	105.655
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 1	22.00	105.540	-0.34	105.774
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 7	22.00	102.990	-0.30	102.990
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	167.250	-0.32	173.209
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 3	15.05	119.770	-1.28	127.303
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	164.940	-0.28	170.184
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	172.280	-0.16	174.447
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	169.760	-0.07	173.574
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	183.550	-0.02	185.489
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	197.590	0.00	199.757
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	171.540	0.06	173.023
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	158.020	0.10	159.161
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 3	8.85	138.300	-1.14	147.368
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 7	28.00	161.520	0.15	162.374
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 7	17.50	129.900	0.18	130.327
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 7	5.00	93.770	0.21	93.770

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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 17.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 17.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.181	-0.85	103.289
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 2	13.00	100.161	-0.69	100.161
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 3	16.00	99.910	2.02	116.178
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 4	20.00	100.222	-0.68	100.222
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.328	-0.68	100.328
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	102.005	-0.68	103.382
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.093	-0.68	102.745
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.499	-0.68	100.499
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 9	19.00	100.755	-0.66	100.799
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.664	-0.67	100.664
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.433	-0.76	105.823
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.862	-0.70	100.862
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.868	-0.66	100.868
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	100.989	-0.66	100.989
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	106.057	-0.65	107.549
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.989	-0.64	105.641
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.131	-0.65	101.131
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.180	-0.65	101.180
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.269	-0.64	101.269
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.547	-0.69	107.459
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.510	-0.65	101.510
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.140	-0.64	106.943
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.890	-0.65	106.324
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.830	-0.65	101.830
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 1	18.00	106.840	-0.64	108.102
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 3	16.00	102.110	-0.63	102.110
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 3	16.50	104.420	-1.20	113.490
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 4	18.00	107.340	-0.63	108.233
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 7	18.00	109.710	-0.62	110.399
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 9	16.00	102.370	-0.61	102.370
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	128.090	-0.59	134.066
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 1	18.00	109.840	-0.58	111.312
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.490	-0.57	102.490
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 4	18.00	109.280	-0.57	110.173
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 7	18.00	107.410	-0.57	107.754
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 10	20.00	102.660	-0.54	102.660
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 1	23.00	105.450	-0.54	105.871
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 7	23.00	108.730	-0.52	109.074
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 1	26.00	106.250	-0.50	106.671
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 3	16.20	109.310	-1.30	115.629
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 7	25.00	103.200	-0.47	103.200
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 1	26.00	105.080	-0.45	105.290
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	153.160	-0.42	156.144
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 7	25.00	107.190	-0.42	107.362
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	149.340	-0.40	154.718
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 1	21.00	107.440	-0.40	107.861
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	144.450	-0.36	146.630
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 7	21.00	105.420	-0.37	105.506
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 1	22.00	105.370	-0.33	105.604
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 7	22.00	102.810	-0.29	102.810
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	167.000	-0.31	172.976
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 3	15.05	119.550	-1.26	127.077
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	164.660	-0.26	169.919
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	171.860	-0.14	174.040
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	169.270	-0.05	173.095
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	182.930	0.00	184.881
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	196.910	0.02	199.090
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	170.850	0.08	172.342
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	157.280	0.13	158.428
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 3	8.85	137.400	-1.11	146.417
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 7	28.00	160.740	0.17	161.601
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 7	17.50	129.210	0.20	129.640
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 7	5.00	93.180	0.23	93.180

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

**Prices and yields of listed Federal securities as of 18.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 18.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.170	-0.86	103.286
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 2	13.00	100.161	-0.70	100.161
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 3	16.00	99.915	2.01	116.195
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 3	20.00	100.227	-0.70	100.227
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.328	-0.68	100.328
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	102.011	-0.71	103.396
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.095	-0.69	102.753
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.507	-0.69	100.507
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 9	19.00	100.763	-0.67	100.807
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.670	-0.68	100.670
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.436	-0.77	105.833
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.876	-0.71	100.876
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.884	-0.67	100.884
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	101.007	-0.68	101.007
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	106.054	-0.65	107.555
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.998	-0.65	105.656
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.139	-0.65	101.139
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.189	-0.65	101.189
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.288	-0.65	101.288
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.554	-0.69	107.472
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.530	-0.66	101.530
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.160	-0.65	106.968
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.900	-0.65	106.339
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.850	-0.65	101.850
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 1	18.00	106.860	-0.64	108.126
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 3	16.00	102.140	-0.64	102.140
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 3	16.50	104.475	-1.21	113.556
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 4	18.00	107.360	-0.63	108.258
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 7	18.00	109.730	-0.62	110.424
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 9	16.00	102.400	-0.62	102.400
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	128.120	-0.60	134.113
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 1	18.00	109.880	-0.59	111.357
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.530	-0.58	102.530
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 4	18.00	109.330	-0.59	110.228
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 7	18.00	107.450	-0.58	107.797
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 10	20.00	102.710	-0.55	102.710
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 1	23.00	105.500	-0.55	105.922
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 7	23.00	108.790	-0.53	109.137
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 1	26.00	106.280	-0.50	106.702
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 3	16.20	109.450	-1.32	115.782
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 7	25.00	103.240	-0.48	103.240
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 1	26.00	105.110	-0.45	105.321
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	153.170	-0.43	156.171
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 7	25.00	107.220	-0.43	107.393
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	149.330	-0.40	154.724
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 1	21.00	107.450	-0.40	107.872
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	144.470	-0.37	146.663
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 7	21.00	105.430	-0.37	105.517
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 1	22.00	105.390	-0.33	105.625
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 7	22.00	102.840	-0.29	102.840
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	167.010	-0.31	173.003
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 3	15.05	119.770	-1.28	127.318
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	164.700	-0.27	169.974
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	171.950	-0.14	174.143
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	169.400	-0.05	173.236
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	183.100	0.00	185.062
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	197.150	0.01	199.343
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	171.100	0.07	172.601
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	157.560	0.12	158.714
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 3	8.85	138.320	-1.14	147.403
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 7	28.00	161.050	0.16	161.917
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 7	17.50	129.500	0.19	129.934
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 7	5.00	93.450	0.22	93.450

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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 19.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 19.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.141	-1.01	103.284
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 2	13.00	100.155	-0.70	100.155
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 3	16.00	99.900	2.06	116.209
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 3	20.00	100.227	-0.71	100.227
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.339	-0.72	100.339
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	101.995	-0.74	103.405
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.068	-0.69	102.744
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.500	-0.69	100.500
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 9	19.00	100.754	-0.67	100.800
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.668	-0.69	100.668
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.399	-0.76	105.817
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.856	-0.70	100.856
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.864	-0.66	100.864
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	100.979	-0.66	100.979
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	106.000	-0.64	107.527
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.949	-0.64	105.625
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.114	-0.64	101.114
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.152	-0.64	101.152
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.254	-0.63	101.254
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.478	-0.67	107.412
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.480	-0.64	101.480
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.080	-0.63	106.902
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.820	-0.63	106.271
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.790	-0.63	101.790
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 1	18.00	106.750	-0.62	108.028
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 3	16.00	102.040	-0.61	102.040
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 3	16.50	104.400	-1.19	113.490
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 4	18.00	107.230	-0.60	108.140
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 7	18.00	109.590	-0.59	110.300
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 9	16.00	102.260	-0.59	102.260
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	127.900	-0.57	133.945
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 1	18.00	109.700	-0.56	111.191
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.380	-0.55	102.380
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 4	18.00	109.140	-0.55	110.050
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 7	18.00	107.240	-0.54	107.595
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 9	20.00	102.510	-0.51	102.510
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 1	23.00	105.270	-0.51	105.696
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 7	23.00	108.500	-0.48	108.855
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 1	26.00	105.940	-0.45	106.366
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 3	16.20	109.150	-1.28	115.481
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 7	25.00	102.860	-0.42	102.860
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 1	26.00	104.680	-0.39	104.893
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	152.530	-0.37	155.585
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 7	25.00	106.740	-0.37	106.918
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	148.640	-0.34	154.080
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 1	21.00	106.920	-0.34	107.346
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	143.740	-0.30	145.972
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 7	21.00	104.840	-0.30	104.929
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 1	22.00	104.750	-0.26	104.987
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 7	22.00	102.170	-0.22	102.170
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	166.040	-0.24	172.085
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 3	15.05	119.150	-1.23	126.681
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	163.640	-0.20	168.959
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	170.530	-0.08	172.762
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	167.710	0.02	171.578
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	181.040	0.07	183.037
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	194.820	0.09	197.052
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	168.780	0.14	170.307
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	155.140	0.20	156.315
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 3	8.85	136.200	-1.08	145.164
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 7	28.00	158.430	0.24	159.318
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 7	17.50	127.060	0.27	127.504
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 7	5.00	91.250	0.30	91.250

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**Prices and yields of listed Federal securities as of 20.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 20.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.128	-0.62	103.271
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 2	13.00	100.155	-0.70	100.155
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 3	16.00	99.890	2.10	116.197
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 3	20.00	100.229	-0.72	100.229
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.339	-0.72	100.339
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	101.989	-0.73	103.399
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.062	-0.68	102.738
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.508	-0.70	100.508
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 9	19.00	100.758	-0.68	100.804
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.668	-0.69	100.668
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.398	-0.76	105.816
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.857	-0.70	100.857
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.867	-0.66	100.867
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	100.981	-0.66	100.981
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	105.995	-0.64	107.522
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.947	-0.64	105.623
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.112	-0.64	101.112
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.157	-0.64	101.157
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.261	-0.64	101.261
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.475	-0.67	107.409
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.490	-0.64	101.490
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.090	-0.63	106.912
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.830	-0.63	106.281
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.800	-0.64	101.800
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 1	18.00	106.760	-0.62	108.038
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 3	16.00	102.050	-0.61	102.050
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 3	16.50	104.410	-1.20	113.501
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 4	18.00	107.220	-0.60	108.130
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 7	18.00	109.580	-0.59	110.290
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 9	16.00	102.250	-0.58	102.250
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	127.890	-0.57	133.935
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 1	18.00	109.680	-0.55	111.171
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.360	-0.54	102.360
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 4	18.00	109.120	-0.55	110.030
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 7	18.00	107.220	-0.53	107.575
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 9	20.00	102.490	-0.51	102.490
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 1	23.00	105.240	-0.50	105.666
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 7	23.00	108.470	-0.48	108.825
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 1	26.00	105.940	-0.45	106.366
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 3	16.20	109.140	-1.28	115.471
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 7	25.00	102.850	-0.42	102.850
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 1	26.00	104.700	-0.40	104.913
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	152.540	-0.37	155.595
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 7	25.00	106.740	-0.37	106.918
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	148.670	-0.34	154.110
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 1	21.00	106.940	-0.34	107.366
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	143.770	-0.31	146.002
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 7	21.00	104.880	-0.31	104.969
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 1	22.00	104.800	-0.27	105.037
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 7	22.00	102.220	-0.23	102.220
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	166.100	-0.25	172.145
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 3	15.05	119.140	-1.23	126.670
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	163.700	-0.20	169.019
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	170.640	-0.08	172.872
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	167.820	0.01	171.688
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	181.180	0.07	183.177
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	194.970	0.08	197.202
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	168.920	0.14	170.447
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	155.260	0.19	156.435
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 3	8.85	136.250	-1.08	145.218
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 7	28.00	158.570	0.23	159.458
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 7	17.50	127.230	0.26	127.674
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 7	5.00	91.450	0.29	91.450

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3) Bundesbank reference price on the Frankfurt Stock Exchange

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

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



**Prices and yields of listed Federal securities as of 23.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 23.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.097	-1.14	103.276
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 2	13.00	100.146	-0.69	100.146
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 3	16.00	99.850	2.24	116.193
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 3	20.00	100.219	-0.71	100.219
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.339	-0.74	100.339
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	101.956	-0.74	103.399
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.039	-0.69	102.740
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.508	-0.71	100.508
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 9	19.00	100.758	-0.69	100.807
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.668	-0.69	100.668
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.375	-0.78	105.820
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.852	-0.70	100.852
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.865	-0.67	100.865
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	100.977	-0.67	100.977
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	105.971	-0.65	107.534
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.939	-0.65	105.640
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.126	-0.65	101.126
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.168	-0.65	101.168
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.277	-0.65	101.277
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.460	-0.67	107.416
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.510	-0.65	101.510
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.100	-0.64	106.942
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.840	-0.65	106.307
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.810	-0.64	101.810
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 1	18.00	106.780	-0.63	108.075
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 3	16.00	102.100	-0.63	102.100
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 3	16.50	104.450	-1.21	113.565
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 4	18.00	107.280	-0.62	108.206
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 7	18.00	109.630	-0.61	110.362
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 9	16.00	102.340	-0.61	102.340
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	127.920	-0.59	134.033
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 1	18.00	109.750	-0.57	111.260
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.450	-0.56	102.450
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 4	18.00	109.210	-0.57	110.136
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 7	18.00	107.330	-0.56	107.696
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 9	20.00	102.610	-0.53	102.610
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 1	23.00	105.370	-0.53	105.802
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 7	23.00	108.600	-0.50	108.966
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 1	26.00	106.090	-0.48	106.522
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 3	16.20	109.270	-1.30	115.629
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 7	25.00	103.040	-0.45	103.040
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 1	26.00	104.900	-0.42	105.116
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	152.770	-0.40	155.896
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 7	25.00	106.990	-0.40	107.173
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	148.930	-0.37	154.432
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 1	21.00	107.200	-0.37	107.632
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	144.070	-0.34	146.354
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 7	21.00	105.180	-0.34	105.272
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 1	22.00	105.120	-0.30	105.360
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 7	22.00	102.550	-0.26	102.550
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	166.520	-0.28	172.633
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 3	15.05	119.480	-1.26	127.058
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	164.160	-0.24	169.539
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	171.280	-0.12	173.564
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	168.530	-0.02	172.442
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	182.030	0.03	184.074
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	195.910	0.05	198.194
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	169.890	0.11	171.453
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	156.250	0.16	157.452
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 3	8.85	137.350	-1.11	146.415
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 7	28.00	159.700	0.20	160.615
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 7	17.50	128.270	0.23	128.728
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 7	5.00	92.370	0.26	92.370

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

**Prices and yields of listed Federal securities as of 27.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 27.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.053	-0.60	103.258
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 2	13.00	100.137	-0.68	100.137
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 3	16.00	99.840	2.29	116.213
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 3	20.00	100.209	-0.70	100.209
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.325	-0.72	100.325
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	101.915	-0.72	103.382
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	102.013	-0.69	102.732
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.501	-0.71	100.501
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 9	19.00	100.741	-0.68	100.792
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.654	-0.69	100.654
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.340	-0.77	105.806
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.834	-0.69	100.834
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.847	-0.66	100.847
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	100.957	-0.66	100.957
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	105.920	-0.64	107.509
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.896	-0.64	105.615
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.105	-0.65	101.105
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.142	-0.64	101.142
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.255	-0.64	101.255
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.413	-0.66	107.386
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.490	-0.65	101.490
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	106.070	-0.64	106.926
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.810	-0.64	106.290
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.770	-0.63	101.770
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 1	18.00	106.730	-0.62	108.037
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 3	16.00	102.070	-0.62	102.070
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 3	16.50	104.390	-1.20	113.515
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 4	18.00	107.230	-0.61	108.169
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 7	18.00	109.570	-0.60	110.319
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 9	16.00	102.290	-0.60	102.290
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	127.810	-0.58	133.974
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 1	18.00	109.700	-0.57	111.225
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.430	-0.56	102.430
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 4	18.00	109.160	-0.56	110.099
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 7	18.00	107.290	-0.55	107.664
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 9	20.00	102.590	-0.53	102.590
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 1	23.00	105.330	-0.52	105.766
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 7	23.00	108.550	-0.49	108.924
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 1	26.00	106.050	-0.47	106.486
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 3	16.20	109.220	-1.30	115.591
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 7	25.00	103.000	-0.45	103.000
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 1	26.00	104.850	-0.42	105.068
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	152.630	-0.39	155.809
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 7	25.00	106.950	-0.40	107.137
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	148.790	-0.36	154.338
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 1	21.00	107.150	-0.36	107.586
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	143.930	-0.33	146.253
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 7	21.00	105.110	-0.33	105.204
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 1	22.00	105.050	-0.29	105.292
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 7	22.00	102.480	-0.25	102.480
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	166.330	-0.27	172.494
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 3	15.05	119.400	-1.25	126.994
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	163.970	-0.23	169.395
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	170.980	-0.10	173.303
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	168.190	-0.01	172.135
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	181.550	0.05	183.629
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	195.370	0.07	197.693
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	169.310	0.13	170.899
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	155.640	0.18	156.863
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 3	8.85	136.690	-1.10	145.732
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 7	28.00	159.040	0.22	159.976
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 7	17.50	127.690	0.25	128.158
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 7	5.00	91.850	0.28	91.850

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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 30.12.19**

ISIN 1)	Issue 2) 4)	Maturity date	Residual life y/m	Issue volume € billion	Price 3) as of 30.12.19	Yield	"Dirty price"
DE000 113539 0	3.250 Bund 09	04.01.2020	0 / 0	22.00	100.030	-2.15	103.262
DE000 110471 9	0.000 BSA 18	13.03.2020	0 / 2	13.00	100.130	-0.67	100.130
DE000 103052 6	1.750 Bund 09 index.	15.04.2020	0 / 3	16.00	99.750	2.63	116.123
DE000 114171 1	0.000 BO S 171	17.04.2020	0 / 3	20.00	100.205	-0.71	100.205
DE000 110472 7	0.000 BSA 18 II	12.06.2020	0 / 5	12.00	100.317	-0.71	100.317
DE000 113540 8	3.000 Bund 10	04.07.2020	0 / 6	22.00	101.890	-0.73	103.382
DE000 113541 6	2.250 Bund 10	04.09.2020	0 / 8	16.00	101.980	-0.68	102.718
DE000 110473 5	0.000 BSA 18 III	11.09.2020	0 / 8	12.00	100.485	-0.70	100.485
DE000 114172 9	0.250 BO S 172	16.10.2020	0 / 9	19.00	100.728	-0.67	100.781
DE000 110474 3	0.000 BSA 18 IV	11.12.2020	0 / 11	12.00	100.638	-0.67	100.638
DE000 113542 4	2.500 Bund 10	04.01.2021	1 / 0	19.00	103.302	-0.76	105.788
DE000 110475 0	0.000 BSA 19	12.03.2021	1 / 2	13.00	100.820	-0.68	100.820
DE000 114173 7	0.000 BO S 173	09.04.2021	1 / 3	21.00	100.830	-0.65	100.830
DE000 110476 8	0.000 BSA 19	11.06.2021	1 / 5	14.00	100.935	-0.64	100.935
DE000 113544 0	3.250 Bund 11	04.07.2021	1 / 6	19.00	105.881	-0.63	107.497
DE000 113545 7	2.250 Bund 11	04.09.2021	1 / 8	16.00	104.853	-0.63	105.591
DE000 110477 6	0.000 BSA 19	10.09.2021	1 / 8	13.00	101.084	-0.64	101.084
DE000 114174 5	0.000 BO S 174	08.10.2021	1 / 9	19.00	101.115	-0.63	101.115
DE000 110478 4	0.000 BSA 19	10.12.2021	1 / 11	9.00	101.212	-0.62	101.212
DE000 113546 5	2.000 Bund 11	04.01.2022	2 / 0	20.00	105.373	-0.65	107.362
DE000 114175 2	0.000 BO S 175	08.04.2022	2 / 3	18.00	101.430	-0.62	101.430
DE000 113547 3	1.750 Bund 12	04.07.2022	2 / 6	24.00	105.970	-0.61	106.840
DE000 113549 9	1.500 Bund 12	04.09.2022	2 / 8	18.00	105.680	-0.60	106.172
DE000 114176 0	0.000 BO S 176	07.10.2022	2 / 9	17.00	101.660	-0.59	101.660
DE000 110230 9	1.500 Bund 13	15.02.2023	3 / 1	18.00	106.560	-0.58	107.879
DE000 114177 8	0.000 BO S 177	14.04.2023	3 / 3	16.00	101.940	-0.58	101.940
DE000 103054 2	0.100 Bund 12 index.	15.04.2023	3 / 3	16.50	104.240	-1.16	113.350
DE000 110231 7	1.500 Bund 13 II	15.05.2023	3 / 4	18.00	107.060	-0.57	108.011
DE000 110232 5	2.000 Bund 13	15.08.2023	3 / 7	18.00	109.380	-0.56	110.145
DE000 114178 6	0.000 BO S 178	13.10.2023	3 / 9	16.00	102.130	-0.56	102.130
DE000 113492 2	6.250 Bund 94	04.01.2024	4 / 0	10.25	127.590	-0.54	133.806
DE000 110233 3	1.750 Bund 14	15.02.2024	4 / 1	18.00	109.520	-0.53	111.059
DE000 114179 4	0.000 BO S 179	05.04.2024	4 / 3	21.00	102.260	-0.52	102.260
DE000 110235 8	1.500 Bund 14	15.05.2024	4 / 4	18.00	108.960	-0.52	109.911
DE000 110236 6	1.000 Bund 14	15.08.2024	4 / 7	18.00	107.080	-0.51	107.463
DE000 114180 2	0.000 BO S 180	18.10.2024	4 / 9	20.00	102.360	-0.49	102.360
DE000 110237 4	0.500 Bund 15	15.02.2025	5 / 1	23.00	105.080	-0.48	105.520
DE000 110238 2	1.000 Bund 15	15.08.2025	5 / 7	23.00	108.270	-0.45	108.653
DE000 110239 0	0.500 Bund 16	15.02.2026	6 / 1	26.00	105.760	-0.43	106.200
DE000 103056 7	0.100 Bund 15 index.	15.04.2026	6 / 3	16.20	108.890	-1.25	115.241
DE000 110240 8	0.000 Bund 16	15.08.2026	6 / 7	25.00	102.740	-0.41	102.740
DE000 110241 6	0.250 Bund 17	15.02.2027	7 / 1	26.00	104.570	-0.38	104.790
DE000 113504 4	6.500 Bund 97	04.07.2027	7 / 6	11.25	152.160	-0.35	155.392
DE000 110242 4	0.500 Bund 17	15.08.2027	7 / 7	25.00	106.640	-0.36	106.831
DE000 113506 9	5.625 Bund 98	04.01.2028	8 / 0	14.50	148.330	-0.32	153.924
DE000 110244 0	0.500 Bund 18	15.02.2028	8 / 1	21.00	106.790	-0.32	107.230
DE000 113508 5	4.750 Bund 98 II	04.07.2028	8 / 6	11.25	143.440	-0.29	145.802
DE000 110245 7	0.250 Bund 18	15.08.2028	8 / 7	21.00	104.710	-0.29	104.806
DE000 110246 5	0.250 Bund 19	15.02.2029	9 / 1	22.00	104.630	-0.25	104.874
DE000 110247 3	0.000 Bund 19	15.08.2029	9 / 7	22.00	102.050	-0.21	102.050
DE000 113514 3	6.250 Bund 00	04.01.2030	10 / 0	9.25	165.690	-0.23	171.906
DE000 103055 9	0.500 Bund 14 index.	15.04.2030	10 / 3	15.05	118.910	-1.22	126.475
DE000 113517 6	5.500 Bund 00	04.01.2031	11 / 0	17.00	163.260	-0.18	168.730
DE000 113522 6	4.750 Bund 03	04.07.2034	14 / 6	20.00	170.060	-0.06	172.422
DE000 113527 5	4.000 Bund 05	04.01.2037	17 / 0	23.00	167.070	0.04	171.048
DE000 113532 5	4.250 Bund 07	04.07.2039	19 / 6	14.00	180.230	0.10	182.343
DE000 113536 6	4.750 Bund 08	04.07.2040	20 / 6	16.00	193.910	0.11	196.272
DE000 113543 2	3.250 Bund 10	04.07.2042	22 / 6	15.00	167.850	0.17	169.466
DE000 113548 1	2.500 Bund 12	04.07.2044	24 / 6	27.50	154.110	0.23	155.353
DE000 103057 5	0.100 Bund 15 index. II	15.04.2046	26 / 3	8.85	135.140	-1.05	144.077
DE000 110234 1	2.500 Bund 14	15.08.2046	26 / 7	28.00	157.400	0.26	158.356
DE000 110243 2	1.250 Bund 17	15.08.2048	28 / 7	17.50	126.150	0.30	126.628
DE000 110248 1	0.000 Bund 19	15.08.2050	30 / 7	5.00	90.500	0.33	90.500

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