

Historical cost data

ISIN: DE000HB7RRA2

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
21.06.2022	1.94	1.52	0	0	0.42
23.06.2022	1.85	1.47	0	0	0.38
07.02.2023	1	2.2	-1.7	0	0.5
24.06.2022	2.67	2.38	0	0	0.29
28.06.2022	1.81	1.47	0	0	0.34
29.06.2022	1.73	1.45	0	0	0.28
30.06.2022	0.2	-0.02	0	0	0.22
01.07.2022	0.01	-0.2	0	0	0.21
05.07.2022	1.65	1.44	0	0	0.21
06.07.2022	1.09	0.92	0	0	0.17
07.07.2022	2.62	2.47	0	0	0.15
08.07.2022	1.54	1.38	0	0	0.16
12.07.2022	0.72	0.57	0	0	0.15
13.07.2022	0.94	0.79	0	0	0.15
14.07.2022	0.61	0.46	0	0	0.15
15.07.2022	1.62	1.48	0	0	0.14
19.07.2022	0.86	0.69	0	0	0.17
20.07.2022	0.41	0.24	0	0	0.17
21.07.2022	0.7	0.54	0	0	0.16
22.07.2022	0.75	0.6	0	0	0.15
26.07.2022	1	0.85	0	0	0.15
27.07.2022	0.57	0.45	0	0	0.12
28.07.2022	0.93	0.81	0	0	0.12
29.07.2022	-0.15	-0.27	0	0	0.12
02.08.2022	0.74	0.6	0	0	0.14
03.08.2022	-0.22	-0.36	0	0	0.14
04.08.2022	0.79	0.64	0	0	0.15
05.08.2022	0.79	0.64	0	0	0.15
09.08.2022	0.68	0.54	0	0	0.14
10.08.2022	0.85	0.71	0	0	0.14
11.08.2022	0.77	0.63	0	0	0.14

12.08.2022	0.93	0.79	0	0	0.14
16.08.2022	0.46	0.34	0	0	0.12
17.08.2022	0.71	0.58	0	0	0.13
18.08.2022	0.75	0.62	0	0	0.13
19.08.2022	0.76	0.63	0	0	0.13
23.08.2022	0.61	0.49	0	0	0.12
24.08.2022	0.52	0.4	0	0	0.12
25.08.2022	0.67	0.54	0	0	0.13
26.08.2022	0.55	0.43	0	0	0.12
30.08.2022	0.63	0.5	0	0	0.13
31.08.2022	2.46	2.31	0	0	0.15
01.09.2022	-0.95	-1.11	0	0	0.16
02.09.2022	2.23	2.06	0	0	0.17
06.09.2022	0.9	0.74	0	0	0.16
07.09.2022	0.57	0.41	0	0	0.16
08.09.2022	1.01	0.84	0	0	0.17
09.09.2022	0.35	0.2	0	0	0.15
13.09.2022	0.75	0.61	0	0	0.14
14.09.2022	0.54	0.4	0	0	0.14
15.09.2022	1.63	1.5	0	0	0.13
16.09.2022	0.99	0.86	0	0	0.13
20.09.2022	0.68	0.53	0	0	0.15
21.09.2022	0.57	0.43	0	0	0.14
22.09.2022	0.66	0.54	0	0	0.12
23.09.2022	0.07	-0.07	0	0	0.14
27.09.2022	3.02	2.89	0	0	0.13
28.09.2022	1.78	1.66	0	0	0.12
29.09.2022	0.87	0.76	0	0	0.11
30.09.2022	2.54	2.41	0	0	0.13
04.10.2022	4.56	4.4	0	0	0.16
05.10.2022	1.41	1.24	0	0	0.17
06.10.2022	0.53	0.37	0	0	0.16
07.10.2022	1.42	1.26	0	0	0.16
11.10.2022	-0.08	-0.23	0	0	0.15
12.10.2022	0.03	-0.12	0	0	0.15
13.10.2022	4.2	4.05	0	0	0.15
14.10.2022	5.4	5.23	0	0	0.17
18.10.2022	3.57	3.39	0	0	0.18
19.10.2022	2.46	2.28	0	0	0.18

20.10.2022	2.23	2.03	0	0	0.2
21.10.2022	3.92	3.71	0	0	0.21
25.10.2022	4.57	4.34	0	0	0.23
26.10.2022	2.81	2.56	0	0	0.25
27.10.2022	1.93	1.68	0	0	0.25
28.10.2022	0.6	0.37	0	0	0.23
01.11.2022	10.34	10.08	0	0	0.26
02.11.2022	0.87	0.61	0	0	0.26
03.11.2022	1.09	0.84	0	0	0.25
04.11.2022	1.42	1.15	0	0	0.27
08.11.2022	1.44	1.16	0	0	0.28
09.11.2022	1.11	0.82	0	0	0.29
10.11.2022	-0.51	-0.77	0	0	0.26
11.11.2022	2.65	2.4	0	0	0.25
15.11.2022	1.03	0.82	0	0	0.21
16.11.2022	1.13	0.9	0	0	0.23
17.11.2022	1.12	0.89	0	0	0.23
18.11.2022	1.89	1.63	0	0	0.26
22.11.2022	1.06	0.82	0	0	0.24
23.11.2022	0.97	0.74	0	0	0.23
24.11.2022	0.86	0.64	0	0	0.22
25.11.2022	1.13	0.88	0	0	0.25
29.11.2022	1.32	1.07	0	0	0.25
30.11.2022	1.33	1.06	0	0	0.27
01.12.2022	10.56	10.29	0	0	0.27
02.12.2022	1.4	1.11	0	0	0.29
06.12.2022	1.16	0.85	0	0	0.31
07.12.2022	-0.48	-0.78	0	0	0.3
08.12.2022	1.85	1.55	0	0	0.3
09.12.2022	1.17	0.86	0	0	0.31
13.12.2022	1.71	1.41	0	0	0.3
14.12.2022	1.48	1.19	0	0	0.3
15.12.2022	1.01	0.72	0	0	0.28
16.12.2022	1.56	1.24	0	0	0.33
20.12.2022	1.6	1.28	0	0	0.32
21.12.2022	1.54	1.24	0	0	0.3
22.12.2022	1.29	1	0	0	0.29
23.12.2022	2	1.68	0	0	0.32
28.12.2022	0.6	1.4	-1.1	0	0.3

29.12.2022	0.6	0.9	-0.6	0	0.3
30.12.2022	0.6	0.9	-0.6	0	0.3
03.01.2023	0.9	1.4	-0.8	0	0.3
04.01.2023	0.7	1.8	-1.5	0	0.4
05.01.2023	0.6	1.3	-1.1	0	0.3
06.01.2023	0.6	1.3	-1	0	0.3
10.01.2023	0.6	0.9	-0.7	0	0.3
11.01.2023	0.7	1.1	-0.8	0	0.4
12.01.2023	1.1	1.7	-1.1	0	0.6
13.01.2023	1.3	2.9	-2.3	0	0.6
19.01.2023	0.7	0.2	0.2	0	0.4
20.01.2023	0.7	1.5	-1.2	0	0.4
24.01.2023	1.3	2.6	-2	0	0.6
25.01.2023	1.4	2.9	-2.2	0	0.7
26.01.2023	1.4	4.3	-3.6	0	0.7
27.01.2023	1.2	1.4	-0.9	0	0.6
31.01.2023	1.4	2.8	-2.1	0	0.7
01.02.2023	1.4	30	-29.2	0	0.5
02.02.2023	1.1	2.7	-2.2	0	0.6
03.02.2023	0.9	1.8	-1.4	0	0.5
28.09.2023	1.1	2	-1.5	0	0.6
08.02.2023	0.7	1.6	-1.3	0	0.4
09.02.2023	0.7	1.2	-0.9	0	0.4
10.02.2023	0.8	1.2	-0.9	0	0.4
14.02.2023	0.7	1.5	-1.1	0	0.4
15.02.2023	0.8	1.3	-0.9	0	0.4
16.02.2023	0.8	1.5	-1.2	0	0.4
17.02.2023	0.8	1.5	-1.2	0	0.4
21.02.2023	0.7	1.5	-1.2	0	0.4
22.02.2023	0.8	1.3	-0.9	0	0.4
23.02.2023	0.8	1.8	-1.5	0	0.4
24.02.2023	0.8	1.5	-1.1	0	0.4
28.02.2023	1	1.2	-0.8	0	0.5
01.03.2023	1.1	5	-4.5	0	0.6
02.03.2023	1.8	2.5	-1.7	0	1
03.03.2023	1.4	2	-1.4	0	0.8
07.03.2023	1.2	1.6	-1.1	0	0.7
08.03.2023	1.2	2.7	-2.1	0	0.7
09.03.2023	1	1.8	-1.4	0	0.6

10.03.2023	1	1.9	-1.5	0	0.5
14.03.2023	0.6	2.7	-2.4	0	0.4
15.03.2023	0.7	1.2	-0.9	0	0.4
16.03.2023	0.6	5.2	-4.9	0	0.3
17.03.2023	0.9	0.8	-0.4	0	0.5
21.03.2023	1.2	3.2	-2.6	0	0.7
22.03.2023	1.3	2.5	-1.9	0	0.7
23.03.2023	1.5	2.5	-1.9	0	0.8
24.03.2023	1.4	2.9	-2.2	0	0.8
28.03.2023	1	1.8	-1.4	0	0.5
29.03.2023	1.6	2.9	-2.2	0	0.9
30.03.2023	1.5	3	-2.3	0	0.8
31.03.2023	1.5	1.7	-1	0	0.8
04.04.2023	1.3	2.3	-1.7	0	0.7
05.04.2023	1.5	2.8	-2.1	0	0.8
06.04.2023	1	1.6	-1.2	0	0.5
12.04.2023	1	1.6	-1.1	0	0.5
13.04.2023	0.9	1.4	-1	0	0.5
14.04.2023	0.8	1.5	-1.2	0	0.4
18.04.2023	0.8	1.4	-1	0	0.4
19.04.2023	0.9	1.9	-1.5	0	0.5
20.04.2023	0.9	1.6	-1.2	0	0.5
21.04.2023	0.8	1.5	-1.1	0	0.4
25.04.2023	0.8	2	-1.6	0	0.4
26.04.2023	0.8	1.3	-1	0	0.4
27.04.2023	0.9	1.4	-1	0	0.5
28.04.2023	1.1	2.9	-2.4	0	0.6
03.05.2023	0.9	1	-0.6	0	0.5
04.05.2023	0.9	1.8	-1.4	0	0.5
05.05.2023	0.7	0.4	-0.1	0	0.4
09.05.2023	0.9	1.2	-0.8	0	0.5
10.05.2023	0.8	1.2	-0.8	0	0.4
11.05.2023	0.7	1	-0.7	0	0.4
12.05.2023	0.8	1	-0.7	0	0.4
16.05.2023	0.7	1.2	-0.9	0	0.4
17.05.2023	0.7	0.7	-0.4	0	0.4
18.05.2023	0.7	0.3	0	0	0.4
19.05.2023	0.8	1.1	-0.8	0	0.4
23.05.2023	0.7	0.8	-0.5	0	0.4

24.05.2023	0.7	0.9	-0.6	0	0.4
25.05.2023	0.7	1.2	-0.9	0	0.4
26.05.2023	0.7	0.9	-0.6	0	0.4
30.05.2023	0.6	1.1	-0.8	0	0.4
31.05.2023	0.7	0.7	-0.4	0	0.4
01.06.2023	0.8	0.2	0.2	0	0.4
02.06.2023	0.8	1.5	-1.1	0	0.5
06.06.2023	0.7	0.9	-0.6	0	0.4
07.06.2023	0.7	1.3	-1	0	0.4
08.06.2023	0.8	1.2	-0.9	0	0.4
09.06.2023	0.7	1	-0.7	0	0.4
20.06.2023	1	1.4	-0.9	0	0.6
21.06.2023	1.1	0.8	-0.3	0	0.6
22.06.2023	1.1	1.7	-1.2	0	0.6
23.06.2023	1.3	2.1	-1.5	0	0.7
27.06.2023	1	1.1	-0.7	0	0.5
28.06.2023	1.2	1.6	-1.1	0	0.7
29.06.2023	1.1	1.5	-1	0	0.6
30.06.2023	1	1.6	-1.1	0	0.6
04.07.2023	1.1	1.7	-1.3	0	0.6
05.07.2023	1	1.5	-1.1	0	0.6
06.07.2023	1	1.5	-1.1	0	0.6
07.07.2023	0.9	1.8	-1.4	0	0.5
11.07.2023	1	1.3	-0.9	0	0.5
12.07.2023	0.8	1.2	-0.8	0	0.4
13.07.2023	0.7	1.1	-0.8	0	0.4
14.07.2023	0.6	0.5	-0.3	0	0.4
18.07.2023	0.7	0.9	-0.6	0	0.4
19.07.2023	0.7	0.8	-0.5	0	0.4
20.07.2023	0.6	0.9	-0.7	0	0.4
21.07.2023	0.7	0.8	-0.5	0	0.4
25.07.2023	0.6	0.6	-0.3	0	0.3
26.07.2023	0.6	0.7	-0.5	0	0.3
27.07.2023	0.5	0.6	-0.4	0	0.3
28.07.2023	0.5	0.8	-0.6	0	0.3
01.08.2023	0.7	15.9	-15.6	0	0.3
02.08.2023	0.7	0.5	-0.2	0	0.4
03.08.2023	0.6	0.9	-0.6	0	0.4
04.08.2023	0.6	0.8	-0.5	0	0.3

08.08.2023	0.7	1.1	-0.8	0	0.4
09.08.2023	0.6	1	-0.7	0	0.4
10.08.2023	0.7	0.8	-0.5	0	0.4
11.08.2023	0.7	0.7	-0.4	0	0.4
15.08.2023	0.7	0.8	-0.5	0	0.4
16.08.2023	0.7	0.6	-0.3	0	0.4
17.08.2023	0.7	1.3	-1	0	0.4
18.08.2023	0.6	0.9	-0.6	0	0.4
22.08.2023	0.7	0.6	-0.3	0	0.4
23.08.2023	0.6	0.7	-0.5	0	0.4
24.08.2023	0.6	0.9	-0.7	0	0.3
25.08.2023	0.6	1	-0.7	0	0.4
29.08.2023	0.6	1	-0.8	0	0.4
30.08.2023	0.6	0.7	-0.4	0	0.4
31.08.2023	0.7	0.9	-0.6	0	0.4
01.09.2023	0.7	0.1	0.1	0	0.4
05.09.2023	0.6	0.5	-0.2	0	0.4
06.09.2023	0.6	0.6	-0.4	0	0.3
07.09.2023	0.7	0.7	-0.4	0	0.4
08.09.2023	0.7	0.6	-0.3	0	0.4
12.09.2023	0.7	0.8	-0.5	0	0.4
13.09.2023	0.7	1	-0.7	0	0.4
14.09.2023	0.7	0.9	-0.6	0	0.4
15.09.2023	0.6	0.7	-0.4	0	0.4
19.09.2023	0.8	1.1	-0.8	0	0.4
20.09.2023	0.8	1.2	-0.9	0	0.5
21.09.2023	0.8	1.1	-0.7	0	0.4
22.09.2023	0.9	1.4	-1.1	0	0.5
26.09.2023	1	0.9	-0.5	0	0.6
27.09.2023	1.1	1.5	-1	0	0.6
01.12.2023	1	25.4	-24.8	0	0.5
15.03.2024	9.7	21.8	-16.6	0	4.6
29.09.2023	1.2	1.3	-0.8	0	0.7
03.10.2023	1.1	1.5	-1.1	0	0.6
04.10.2023	1.1	2.1	-1.6	0	0.6
05.10.2023	1.1	1.6	-1.1	0	0.6
06.10.2023	1	1.2	-0.8	0	0.6
10.10.2023	0.8	0.6	-0.2	0	0.5
11.10.2023	0.9	0.9	-0.6	0	0.5

12.10.2023	0.9	1.4	-1	0	0.5
13.10.2023	0.8	0.8	-0.5	0	0.5
17.10.2023	0.7	0.6	-0.3	0	0.4
18.10.2023	0.7	1.2	-0.9	0	0.4
19.10.2023	0.6	0.8	-0.6	0	0.4
20.10.2023	0.6	0.6	-0.3	0	0.4
24.10.2023	0.7	0.8	-0.5	0	0.4
25.10.2023	0.6	1	-0.7	0	0.4
26.10.2023	0.6	0.7	-0.5	0	0.4
27.10.2023	0.6	0.9	-0.7	0	0.4
31.10.2023	0.9	1	-0.6	0	0.5
01.11.2023	1.1	0.2	0.2	0	0.6
02.11.2023	1	1.3	-0.9	0	0.6
03.11.2023	1.1	1.8	-1.3	0	0.7
07.11.2023	1.3	2.7	-2.1	0	0.8
08.11.2023	1.2	1.3	-0.9	0	0.7
09.11.2023	1.2	1.4	-0.9	0	0.7
10.11.2023	1.3	1.6	-1	0	0.8
14.11.2023	1.4	1.3	-0.7	0	0.8
15.11.2023	1.7	2.8	-2.1	0	0.9
16.11.2023	1.3	1.8	-1.3	0	0.8
17.11.2023	1.5	1.5	-0.8	0	0.9
21.11.2023	1.8	3	-2.2	0	1
22.11.2023	1.6	2.6	-2	0	0.9
23.11.2023	1.4	2.8	-2.2	0	0.8
24.11.2023	1.5	3.4	-2.7	0	0.8
28.11.2023	1.5	2	-1.4	0	0.8
29.11.2023	1.6	2.2	-1.5	0	0.9
30.11.2023	1.3	2.5	-2	0	0.7
05.12.2023	0.7	1	-0.7	0	0.4
06.12.2023	0.7	0.8	-0.5	0	0.4
07.12.2023	0.7	1	-0.8	0	0.4
08.12.2023	0.7	1.1	-0.8	0	0.4
12.12.2023	0.7	0.5	-0.2	0	0.4
13.12.2023	0.7	0.9	-0.6	0	0.4
14.12.2023	0.7	1.2	-0.9	0	0.4
15.12.2023	0.9	1.8	-1.4	0	0.6
19.12.2023	0.8	0.8	-0.5	0	0.5
20.12.2023	0.7	1.1	-0.8	0	0.4

21.12.2023	0.8	1.3	-1	0	0.4
22.12.2023	0.7	1.1	-0.8	0	0.4
28.12.2023	0.7	0.7	-0.4	0	0.4
29.12.2023	0.5	0.6	-0.4	0	0.3
03.01.2024	0.5	1.3	-1.1	0	0.3
04.01.2024	0.5	0.8	-0.6	0	0.3
05.01.2024	0.5	0.6	-0.4	0	0.3
09.01.2024	0.5	0.5	-0.3	0	0.3
10.01.2024	0.5	0.6	-0.4	0	0.3
11.01.2024	0.6	0.7	-0.4	0	0.3
12.01.2024	0.6	1.2	-0.9	0	0.4
16.01.2024	0.6	1.3	-1	0	0.4
17.01.2024	0.6	0.8	-0.6	0	0.4
18.01.2024	0.8	0.8	-0.5	0	0.4
19.01.2024	0.8	1.4	-1.1	0	0.5
23.01.2024	0.9	1.5	-1.1	0	0.5
24.01.2024	0.8	1.5	-1.2	0	0.5
25.01.2024	0.8	1.1	-0.8	0	0.4
26.01.2024	0.7	1.2	-0.9	0	0.4
30.01.2024	0.6	1	-0.8	0	0.4
31.01.2024	0.7	1	-0.7	0	0.4
01.02.2024	0.7	8.7	-8.4	0	0.4
02.02.2024	0.6	1	-0.7	0	0.4
06.02.2024	0.7	0.9	-0.6	0	0.4
07.02.2024	0.7	1	-0.8	0	0.4
08.02.2024	0.7	1.2	-0.9	0	0.4
09.02.2024	0.8	1.3	-0.9	0	0.5
13.02.2024	0.9	1.5	-1.1	0	0.5
14.02.2024	1.3	2.1	-1.6	0	0.7
15.02.2024	1.3	2	-1.5	0	0.7
16.02.2024	1.1	1.7	-1.3	0	0.6
20.02.2024	1.3	2.7	-2.1	0	0.8
21.02.2024	1.5	2.3	-1.7	0	0.9
22.02.2024	1.5	3.1	-2.4	0	0.9
23.02.2024	1.7	3	-2.3	0	1
27.02.2024	2.1	2.8	-1.9	0	1.2
28.02.2024	1.8	3.1	-2.3	0	1
29.02.2024	1.8	3.5	-2.7	0	1
01.03.2024	1.8	5.1	-4.3	0	1

05.03.2024	5	7	-4.8	0	2.7
06.03.2024	3.9	7.1	-5.3	0	2.1
07.03.2024	6.1	8.8	-6	0	3.3
08.03.2024	5.2	10.4	-8	0	2.7
12.03.2024	4.6	8.3	-6.2	0	2.5
13.03.2024	4.1	6.8	-5	0	2.2
14.03.2024	6.6	13	-9.8	0	3.4

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