

Historical cost data

ISIN: DE000HB8NE82

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
21.07.2022	7.02	6.95	0	0	0.07
26.07.2022	3.71	3.64	0	0	0.07
20.10.2022	5.26	5.16	0	0	0.1
09.03.2023	0.8	0.9	-0.2	0	0
27.07.2022	4.86	4.78	0	0	0.08
28.07.2022	5.49	5.43	0	0	0.06
29.07.2022	1.05	0.99	0	0	0.06
02.08.2022	2.14	2.09	0	0	0.05
03.08.2022	2.16	2.11	0	0	0.05
04.08.2022	2.25	2.21	0	0	0.04
05.08.2022	2.12	2.09	0	0	0.03
09.08.2022	2.66	2.62	0	0	0.04
10.08.2022	1.74	1.69	0	0	0.05
11.08.2022	2.21	2.17	0	0	0.04
12.08.2022	2.83	2.79	0	0	0.04
16.08.2022	2.11	2.07	0	0	0.04
17.08.2022	2.21	2.17	0	0	0.04
18.08.2022	3.68	3.63	0	0	0.05
19.08.2022	2.52	2.47	0	0	0.05
23.08.2022	5.37	5.3	0	0	0.07
24.08.2022	5.28	5.21	0	0	0.07
25.08.2022	3.35	3.28	0	0	0.07
26.08.2022	3.8	3.74	0	0	0.06
30.08.2022	4.77	4.68	0	0	0.09
31.08.2022	-2.1	-2.18	0	0	0.08
01.09.2022	9.29	9.2	0	0	0.09
02.09.2022	7.94	7.81	0	0	0.13
06.09.2022	5.44	5.34	0	0	0.1
07.09.2022	-0.4	-0.5	0	0	0.1
08.09.2022	5.95	5.85	0	0	0.1
09.09.2022	2.96	2.87	0	0	0.09

13.09.2022	3.7	3.64	0	0	0.06
14.09.2022	5.37	5.29	0	0	0.08
15.09.2022	-0.33	-0.43	0	0	0.1
16.09.2022	7.76	7.66	0	0	0.1
20.09.2022	6.6	6.5	0	0	0.1
21.09.2022	4.98	4.87	0	0	0.11
22.09.2022	3.34	3.26	0	0	0.08
23.09.2022	8.18	8.05	0	0	0.13
27.09.2022	18.06	17.85	0	0	0.21
28.09.2022	6.51	6.36	0	0	0.15
29.09.2022	8.45	8.24	0	0	0.21
30.09.2022	13.81	13.22	0	0	0.59
04.10.2022	11.37	11.13	0	0	0.24
05.10.2022	3.72	3.61	0	0	0.11
06.10.2022	3.63	3.54	0	0	0.09
07.10.2022	-0.44	-0.52	0	0	0.08
11.10.2022	6.62	6.49	0	0	0.13
12.10.2022	19.47	19.25	0	0	0.22
13.10.2022	9.34	9.17	0	0	0.17
14.10.2022	8.94	8.77	0	0	0.17
18.10.2022	8.36	8.24	0	0	0.12
19.10.2022	5.45	5.36	0	0	0.09
21.10.2022	4.29	4.21	0	0	0.08
25.10.2022	0.17	0.09	0	0	0.08
26.10.2022	4.77	4.7	0	0	0.07
27.10.2022	2.15	2.08	0	0	0.07
28.10.2022	4.85	4.76	0	0	0.09
01.11.2022	4.5	4.4	0	0	0.1
02.11.2022	6.11	6	0	0	0.11
03.11.2022	4.76	4.65	0	0	0.11
04.11.2022	7.44	7.31	0	0	0.13
08.11.2022	1.93	1.86	0	0	0.07
09.11.2022	2.74	2.69	0	0	0.05
10.11.2022	0.95	0.9	0	0	0.05
11.11.2022	1.9	1.86	0	0	0.04
15.11.2022	1.32	1.29	0	0	0.03
16.11.2022	3.3	3.27	0	0	0.03
17.11.2022	1.13	1.1	0	0	0.03
18.11.2022	1.75	1.72	0	0	0.03

22.11.2022	1.17	1.14	0	0	0.03
23.11.2022	1.09	1.06	0	0	0.03
24.11.2022	1.74	1.71	0	0	0.03
25.11.2022	1.11	1.08	0	0	0.03
29.11.2022	-0.16	-0.2	0	0	0.04
30.11.2022	1.33	1.29	0	0	0.04
01.12.2022	1.38	1.35	0	0	0.03
02.12.2022	0.95	0.92	0	0	0.03
06.12.2022	1.51	1.48	0	0	0.03
07.12.2022	1.64	1.6	0	0	0.04
08.12.2022	0.4	0.36	0	0	0.04
09.12.2022	1.06	1.03	0	0	0.03
13.12.2022	1.18	1.14	0	0	0.04
14.12.2022	1.05	1.02	0	0	0.03
15.12.2022	1.04	0.97	0	0	0.08
16.12.2022	1.54	1.51	0	0	0.04
20.12.2022	2.17	2.12	0	0	0.05
21.12.2022	1.61	1.56	0	0	0.05
22.12.2022	1.76	1.72	0	0	0.04
23.12.2022	1.87	1.82	0	0	0.05
28.12.2022	1.7	2.2	-0.6	0	0.1
29.12.2022	1.8	2.1	-0.4	0	0.1
30.12.2022	1.6	1.2	0.3	0	0
03.01.2023	1.6	2.8	-1.2	0	0.1
04.01.2023	1.5	2.6	-1.2	0	0.1
05.01.2023	1.3	2	-0.7	0	0
06.01.2023	1.4	2.1	-0.8	0	0
10.01.2023	1.1	1.2	-0.1	0	0
11.01.2023	1.2	1.8	-0.7	0	0
12.01.2023	1.2	1.8	-0.6	0	0
13.01.2023	1.1	1.7	-0.6	0	0
18.01.2023	1	1.5	-0.5	0	0
19.01.2023	1.1	0.5	0.5	0	0
20.01.2023	1.1	1.8	-0.7	0	0
24.01.2023	1.1	1.1	-0.1	0	0
25.01.2023	1.1	0.9	0.2	0	0
26.01.2023	1.1	1.6	-0.5	0	0
27.01.2023	0.9	1.4	-0.5	0	0
31.01.2023	1	1	-0.1	0	0

01.02.2023	1	0.7	0.2	0	0
02.02.2023	0.9	1.2	-0.3	0	0
03.02.2023	0.8	0.9	-0.2	0	0
07.02.2023	0.8	0.9	-0.2	0	0
08.02.2023	0.8	0.8	-0.1	0	0
09.02.2023	0.8	1.5	-0.8	0	0
10.02.2023	0.7	0.7	0.1	0	0
14.02.2023	0.8	1.3	-0.5	0	0
15.02.2023	0.8	1.3	-0.6	0	0
16.02.2023	0.8	0.7	0	0	0
17.02.2023	0.8	0.9	-0.2	0	0
21.02.2023	0.8	1	-0.2	0	0
22.02.2023	0.8	0.9	-0.1	0	0
23.02.2023	0.9	0.8	0.1	0	0
24.02.2023	0.8	0.8	0	0	0
28.02.2023	0.9	1.1	-0.2	0	0
01.03.2023	0.9	1.5	-0.6	0	0
02.03.2023	0.9	1.5	-0.7	0	0
03.03.2023	0.9	1.4	-0.5	0	0
07.03.2023	0.8	1.2	-0.4	0	0
08.03.2023	0.9	1.6	-0.8	0	0
03.05.2023	0.9	0.8	0.1	0	0
26.10.2023	1.9	3.1	-1.3	0	0.1
02.11.2023	2.4	3.5	-1.3	0	0.1
10.03.2023	0.8	1	-0.3	0	0
14.03.2023	0.9	1.8	-1	0	0
15.03.2023	0.8	1.2	-0.4	0	0
16.03.2023	0.9	1.8	-0.9	0	0
17.03.2023	0.9	1	-0.2	0	0
21.03.2023	0.9	1.3	-0.5	0	0
22.03.2023	0.8	0.9	-0.1	0	0
23.03.2023	0.8	1.4	-0.6	0	0
24.03.2023	0.8	0.9	-0.2	0	0
28.03.2023	0.8	1.2	-0.4	0	0
29.03.2023	0.9	1	-0.1	0	0
30.03.2023	0.8	1.1	-0.3	0	0
31.03.2023	0.7	0.7	-0.1	0	0
04.04.2023	0.7	1	-0.3	0	0
05.04.2023	0.7	1.3	-0.6	0	0

06.04.2023	0.8	0.9	-0.1	0	0
12.04.2023	0.8	0.7	0.1	0	0
13.04.2023	0.8	0.9	-0.1	0	0
14.04.2023	0.7	1.1	-0.4	0	0
18.04.2023	0.8	0.5	0.2	0	0
19.04.2023	0.7	1.1	-0.4	0	0
20.04.2023	0.8	1	-0.3	0	0
21.04.2023	0.8	1.4	-0.6	0	0
25.04.2023	0.9	0.9	0	0	0
26.04.2023	0.9	1	-0.2	0	0
27.04.2023	0.9	1.5	-0.6	0	0
28.04.2023	1.1	1.1	0	0	0
04.05.2023	0.9	1.6	-0.7	0	0
05.05.2023	1	2.5	-1.5	0	0
09.05.2023	1	1.3	-0.4	0	0
10.05.2023	1	1.8	-0.8	0	0
11.05.2023	0.9	0.8	0.1	0	0
12.05.2023	1	1.6	-0.7	0	0
16.05.2023	0.9	1.4	-0.5	0	0
17.05.2023	0.9	1.4	-0.5	0	0
18.05.2023	0.9	0.9	-0.1	0	0
19.05.2023	0.8	0.7	0.1	0	0
23.05.2023	0.8	0.5	0.2	0	0
24.05.2023	0.8	1.3	-0.6	0	0
25.05.2023	0.9	0.4	0.4	0	0
26.05.2023	1	1.2	-0.3	0	0
30.05.2023	0.8	0.9	-0.1	0	0
31.05.2023	0.8	1.2	-0.4	0	0
01.06.2023	0.9	0.8	0	0	0
02.06.2023	0.8	1.1	-0.3	0	0
06.06.2023	0.8	0.8	0	0	0
07.06.2023	0.8	1.4	-0.7	0	0
08.06.2023	0.8	0.6	0.1	0	0
09.06.2023	0.7	0.8	-0.1	0	0
20.06.2023	0.7	1.2	-0.6	0	0
21.06.2023	0.7	1	-0.3	0	0
22.06.2023	0.7	0.9	-0.2	0	0
23.06.2023	0.7	0.9	-0.2	0	0
27.06.2023	0.8	0.8	-0.1	0	0

28.06.2023	0.8	1.1	-0.3	0	0
29.06.2023	0.8	1.2	-0.5	0	0
30.06.2023	0.8	0.9	-0.1	0	0
04.07.2023	0.7	1	-0.3	0	0
05.07.2023	0.7	1	-0.4	0	0
06.07.2023	0.7	1	-0.3	0	0
07.07.2023	0.8	1.1	-0.3	0	0
11.07.2023	0.8	1.4	-0.7	0	0
12.07.2023	0.7	1.1	-0.4	0	0
13.07.2023	0.7	0.7	0	0	0
14.07.2023	0.7	0.7	-0.1	0	0
18.07.2023	0.7	1.2	-0.5	0	0
19.07.2023	0.7	0.8	-0.1	0	0
20.07.2023	0.7	1	-0.3	0	0
21.07.2023	0.8	1.1	-0.4	0	0
25.07.2023	0.7	1.4	-0.7	0	0
26.07.2023	0.7	1	-0.3	0	0
27.07.2023	0.7	1	-0.3	0	0
28.07.2023	0.7	0.9	-0.3	0	0
01.08.2023	0.6	0.9	-0.3	0	0
02.08.2023	0.6	0.8	-0.2	0	0
03.08.2023	0.7	1.1	-0.4	0	0
04.08.2023	0.9	1.5	-0.6	0	0
08.08.2023	0.9	1.3	-0.5	0	0
09.08.2023	1	1.2	-0.3	0	0
10.08.2023	0.9	1.1	-0.2	0	0
11.08.2023	0.9	0.9	-0.1	0	0
15.08.2023	1	1	0	0	0
16.08.2023	1	1.7	-0.7	0	0
17.08.2023	1	1.7	-0.7	0	0
18.08.2023	1.1	1.1	-0.1	0	0
22.08.2023	1.1	1.5	-0.4	0	0
23.08.2023	1	1.3	-0.3	0	0
24.08.2023	1	1.5	-0.5	0	0
25.08.2023	1.1	1.2	-0.2	0	0.1
29.08.2023	1.1	1.2	-0.1	0	0
30.08.2023	1	1.4	-0.4	0	0
31.08.2023	1	2.1	-1.1	0	0
01.09.2023	1	1.1	-0.2	0	0

05.09.2023	1	1.6	-0.7	0	0
06.09.2023	1.1	1.5	-0.5	0	0
07.09.2023	1	1.2	-0.2	0	0
08.09.2023	1.1	1.5	-0.4	0	0.1
12.09.2023	1.1	1.2	-0.1	0	0.1
13.09.2023	1.1	1.7	-0.7	0	0
14.09.2023	1.1	2.1	-1	0	0.1
15.09.2023	1.1	1.8	-0.8	0	0
19.09.2023	1.3	1.7	-0.5	0	0.1
20.09.2023	1.3	2.4	-1.2	0	0.1
21.09.2023	1.2	1.5	-0.3	0	0.1
22.09.2023	1.2	2.1	-0.9	0	0.1
26.09.2023	1.3	2.1	-0.8	0	0.1
27.09.2023	1.4	1.2	0.1	0	0.1
28.09.2023	1.4	2.5	-1.2	0	0.1
29.09.2023	1.3	1.4	-0.2	0	0.1
03.10.2023	1.3	1.6	-0.3	0	0.1
04.10.2023	1.3	2.1	-0.8	0	0.1
05.10.2023	1.1	1.8	-0.7	0	0.1
06.10.2023	1.2	1.3	-0.2	0	0.1
10.10.2023	1.2	1.8	-0.6	0	0.1
11.10.2023	1.1	2.1	-1.1	0	0
12.10.2023	1.1	1.9	-0.8	0	0.1
13.10.2023	1	2	-1	0	0
17.10.2023	1.2	1.8	-0.6	0	0.1
18.10.2023	1.2	2.2	-1	0	0.1
19.10.2023	1.3	1.8	-0.6	0	0.1
20.10.2023	1.5	1.7	-0.3	0	0.1
24.10.2023	1.8	3	-1.3	0	0.1
25.10.2023	1.7	2.8	-1.2	0	0.1
27.10.2023	1.6	2.8	-1.3	0	0.1
31.10.2023	2.5	4.5	-2.1	0	0.1
01.11.2023	2.4	2.2	0.1	0	0.1
24.11.2023	1	2	-1.1	0	0
01.12.2023	0.9	1.8	-1	0	0
15.12.2023	0.7	1.2	-0.5	0	0
16.02.2024	1.1	0.8	0.2	0	0.1
15.05.2024	0.8	0.7	0.1	0	0
14.05.2024	0.8	0.4	0.4	0	0

03.11.2023	2	2.6	-0.7	0	0.1
07.11.2023	1.8	2.4	-0.7	0	0.1
08.11.2023	1.6	2.2	-0.6	0	0.1
09.11.2023	1.7	2.7	-1.1	0	0.1
10.11.2023	1.6	1.8	-0.2	0	0.1
14.11.2023	1.7	2.9	-1.3	0	0.1
15.11.2023	1.4	1.8	-0.5	0	0.1
16.11.2023	1	1.9	-0.9	0	0
17.11.2023	1	1.1	-0.1	0	0
21.11.2023	1	1.7	-0.8	0	0
22.11.2023	1	2.2	-1.2	0	0
23.11.2023	1	2.5	-1.5	0	0
28.11.2023	1	2	-1	0	0
29.11.2023	1	2.2	-1.3	0	0
30.11.2023	0.8	2.1	-1.3	0	0
05.12.2023	0.8	1.6	-0.8	0	0
06.12.2023	0.8	1.5	-0.7	0	0
07.12.2023	0.8	1.7	-0.9	0	0
08.12.2023	0.8	1.8	-1.1	0	0
12.12.2023	0.8	1.7	-1	0	0
13.12.2023	0.8	1.8	-1	0	0
14.12.2023	0.8	1.6	-0.9	0	0
19.12.2023	0.7	1.8	-1.1	0	0
20.12.2023	0.7	1.1	-0.4	0	0
21.12.2023	0.7	1.3	-0.5	0	0
22.12.2023	0.7	1.3	-0.6	0	0
28.12.2023	0.7	1.2	-0.5	0	0
29.12.2023	0.7	1.6	-0.9	0	0
03.01.2024	0.8	1.6	-0.9	0	0
04.01.2024	0.9	1.7	-0.8	0	0
05.01.2024	0.9	1.3	-0.4	0	0
09.01.2024	0.9	2	-1.2	0	0
10.01.2024	0.9	1.3	-0.5	0	0
11.01.2024	0.9	1.9	-1	0	0
12.01.2024	1	1.6	-0.7	0	0
16.01.2024	1	2.1	-1.1	0	0
17.01.2024	1.1	1.4	-0.4	0	0
18.01.2024	1.2	0.6	0.6	0	0.1
19.01.2024	1	1.2	-0.3	0	0

23.01.2024	1	1.3	-0.4	0	0
24.01.2024	0.9	0.9	0	0	0
25.01.2024	0.9	1.2	-0.3	0	0
26.01.2024	1	0.9	0.1	0	0
30.01.2024	1.1	1.4	-0.4	0	0.1
31.01.2024	1	0.7	0.2	0	0
01.02.2024	1	1.1	-0.1	0	0
02.02.2024	1.1	1.1	0	0	0.1
06.02.2024	1	1	-0.1	0	0
07.02.2024	1.1	1.3	-0.3	0	0.1
08.02.2024	1.3	1.8	-0.6	0	0.1
09.02.2024	1.1	1.4	-0.4	0	0.1
13.02.2024	1	0.5	0.4	0	0
14.02.2024	1.2	1.5	-0.4	0	0.1
15.02.2024	1.1	1.1	0	0	0.1
20.02.2024	1.1	2	-0.9	0	0.1
21.02.2024	1.2	1.3	-0.2	0	0.1
22.02.2024	1.2	1.1	0	0	0.1
23.02.2024	1.1	1.1	-0.1	0	0.1
27.02.2024	1.1	1.4	-0.4	0	0.1
28.02.2024	0.9	0.6	0.3	0	0
29.02.2024	1.1	0.7	0.3	0	0.1
01.03.2024	1.1	0.5	0.5	0	0.1
05.03.2024	1	1.1	-0.2	0	0
06.03.2024	1.1	1.4	-0.4	0	0.1
07.03.2024	1	1.3	-0.3	0	0
08.03.2024	0.9	1.1	-0.2	0	0
12.03.2024	1	1.1	-0.1	0	0
13.03.2024	0.9	1	-0.1	0	0
14.03.2024	0.9	0.6	0.3	0	0
15.03.2024	1	1.3	-0.3	0	0
19.03.2024	1.2	1.6	-0.4	0	0.1
20.03.2024	1.4	1.5	-0.3	0	0.1
21.03.2024	1.4	1	0.4	0	0.1
22.03.2024	1.3	1.6	-0.3	0	0.1
26.03.2024	1.5	1.6	-0.2	0	0.1
27.03.2024	1.3	1.2	0.1	0	0.1
28.03.2024	1.3	0.9	0.4	0	0.1
03.04.2024	1.5	1.1	0.3	0	0.1

04.04.2024	1.3	1.1	0.2	0	0.1
05.04.2024	1.3	0.9	0.3	0	0.1
09.04.2024	1.2	1.7	-0.5	0	0.1
10.04.2024	1.1	1	0.1	0	0.1
11.04.2024	1	0.5	0.5	0	0.1
12.04.2024	1.2	1.6	-0.5	0	0.1
16.04.2024	1.2	1.2	-0.1	0	0.1
17.04.2024	1.3	1.5	-0.2	0	0.1
18.04.2024	1.3	1.7	-0.5	0	0.1
19.04.2024	1.5	1.1	0.3	0	0.1
23.04.2024	1.7	1.1	0.5	0	0.1
24.04.2024	1.7	1.1	0.5	0	0.1
26.04.2024	1.2	0.6	0.6	0	0.1
30.04.2024	1.2	1.2	-0.1	0	0.1
03.05.2024	1.4	1.2	0.1	0	0.1
07.05.2024	1.3	1.1	0.1	0	0.1
08.05.2024	0.9	0.5	0.3	0	0
09.05.2024	0.9	0.9	-0.1	0	0
10.05.2024	0.8	0.7	0.1	0	0

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