

Historical cost data

ISIN: DE000HB9WBZ9

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
07.09.2022	1.95	1.82	0	0	0.13
09.09.2022	4.27	4.15	0	0	0.12
25.11.2022	1.08	1.07	0	0	0.01
28.04.2023	0.7	0.8	-0.1	0	0
13.09.2022	3.09	3.06	0	0	0.03
14.09.2022	2.91	2.88	0	0	0.03
15.09.2022	3.82	3.79	0	0	0.03
16.09.2022	3.93	3.9	0	0	0.03
20.09.2022	3.04	3.01	0	0	0.03
21.09.2022	3.19	3.16	0	0	0.03
22.09.2022	2.45	2.42	0	0	0.03
23.09.2022	2.35	2.32	0	0	0.03
27.09.2022	3.06	3.03	0	0	0.03
28.09.2022	3.62	3.59	0	0	0.03
29.09.2022	3.42	3.39	0	0	0.03
30.09.2022	3.35	3.31	0	0	0.04
04.10.2022	3.88	3.84	0	0	0.04
05.10.2022	2.01	1.98	0	0	0.03
06.10.2022	1.47	1.44	0	0	0.03
07.10.2022	1.69	1.66	0	0	0.03
11.10.2022	2.83	2.8	0	0	0.03
12.10.2022	2.25	2.22	0	0	0.03
13.10.2022	3.13	3.1	0	0	0.03
14.10.2022	2.96	2.94	0	0	0.02
18.10.2022	2.21	2.19	0	0	0.02
19.10.2022	2.39	2.37	0	0	0.02
20.10.2022	2.23	2.21	0	0	0.02
21.10.2022	2.63	2.61	0	0	0.02
25.10.2022	1.49	1.47	0	0	0.02
26.10.2022	2.07	2.05	0	0	0.02
27.10.2022	1.95	1.93	0	0	0.02

28.10.2022	1.37	1.35	0	0	0.02
01.11.2022	2.04	2.02	0	0	0.02
02.11.2022	1.99	1.97	0	0	0.02
03.11.2022	1.54	1.52	0	0	0.02
04.11.2022	1.38	1.36	0	0	0.02
08.11.2022	1.67	1.65	0	0	0.02
09.11.2022	1.68	1.66	0	0	0.02
10.11.2022	0.83	0.81	0	0	0.02
11.11.2022	1.46	1.44	0	0	0.02
15.11.2022	1.04	1.03	0	0	0.01
16.11.2022	0.74	0.73	0	0	0.01
17.11.2022	1.03	1.02	0	0	0.01
18.11.2022	1.18	1.17	0	0	0.01
22.11.2022	0.98	0.97	0	0	0.01
23.11.2022	1.21	1.2	0	0	0.01
24.11.2022	1.09	1.08	0	0	0.01
29.11.2022	0.92	0.91	0	0	0.01
30.11.2022	1.15	1.14	0	0	0.01
01.12.2022	0.83	0.82	0	0	0.01
02.12.2022	1.19	1.18	0	0	0.01
06.12.2022	1.44	1.43	0	0	0.01
07.12.2022	1.33	1.32	0	0	0.01
08.12.2022	1.12	1.11	0	0	0.01
09.12.2022	0.87	0.86	0	0	0.01
13.12.2022	0.92	0.91	0	0	0.01
14.12.2022	0.91	0.9	0	0	0.01
15.12.2022	0.75	0.73	0	0	0.01
16.12.2022	0.76	0.75	0	0	0.01
20.12.2022	1.19	1.18	0	0	0.01
21.12.2022	1.25	1.23	0	0	0.01
22.12.2022	0.77	0.76	0	0	0.01
23.12.2022	1.2	1.18	0	0	0.02
28.12.2022	0.6	1.1	-0.5	0	0
29.12.2022	0.7	1.4	-0.8	0	0
30.12.2022	0.6	1.1	-0.5	0	0
03.01.2023	0.6	1.4	-0.8	0	0
04.01.2023	0.6	1.1	-0.5	0	0
05.01.2023	0.6	0.9	-0.3	0	0
06.01.2023	0.6	1.1	-0.6	0	0

10.01.2023	0.5	0.6	-0.1	0	0
11.01.2023	0.5	1	-0.5	0	0
12.01.2023	0.5	0.8	-0.3	0	0
13.01.2023	0.5	1.1	-0.6	0	0
18.01.2023	0.5	0.7	-0.2	0	0
19.01.2023	0.5	0.3	0.3	0	0
20.01.2023	0.6	1	-0.5	0	0
24.01.2023	0.5	1	-0.5	0	0
25.01.2023	0.5	0.8	-0.3	0	0
26.01.2023	0.5	1	-0.5	0	0
27.01.2023	0.5	0.8	-0.3	0	0
31.01.2023	0.6	1.1	-0.6	0	0
01.02.2023	0.5	0.5	0	0	0
02.02.2023	0.6	1	-0.5	0	0
03.02.2023	0.6	0.7	-0.2	0	0
07.02.2023	0.5	1	-0.5	0	0
08.02.2023	0.6	0.8	-0.3	0	0
09.02.2023	0.6	0.9	-0.4	0	0
10.02.2023	0.5	1.1	-0.6	0	0
14.02.2023	0.5	0.9	-0.4	0	0
15.02.2023	0.5	0.6	-0.1	0	0
16.02.2023	0.5	0.8	-0.3	0	0
17.02.2023	0.5	0.9	-0.4	0	0
21.02.2023	0.5	0.9	-0.3	0	0
22.02.2023	0.5	0.6	0	0	0
23.02.2023	0.5	0.9	-0.4	0	0
24.02.2023	0.6	0.9	-0.3	0	0
28.02.2023	0.5	0.7	-0.2	0	0
01.03.2023	0.5	0.9	-0.3	0	0
02.03.2023	0.5	1	-0.4	0	0
03.03.2023	0.6	0.7	-0.2	0	0
07.03.2023	0.5	1.2	-0.7	0	0
08.03.2023	0.5	0.7	-0.2	0	0
09.03.2023	0.6	0.6	-0.1	0	0
10.03.2023	0.6	1.1	-0.5	0	0
14.03.2023	0.7	1.4	-0.8	0	0
15.03.2023	0.6	0.8	-0.2	0	0
16.03.2023	0.7	1	-0.3	0	0
17.03.2023	0.7	1	-0.3	0	0

21.03.2023	0.7	1	-0.4	0	0
22.03.2023	0.6	1.1	-0.5	0	0
23.03.2023	0.6	1.2	-0.6	0	0
24.03.2023	0.6	0.9	-0.3	0	0
28.03.2023	0.7	0.8	-0.2	0	0
29.03.2023	0.6	1.1	-0.4	0	0
30.03.2023	0.6	0.8	-0.2	0	0
31.03.2023	0.6	1	-0.4	0	0
04.04.2023	0.6	1	-0.4	0	0
05.04.2023	0.6	0.8	-0.2	0	0
06.04.2023	0.7	1.7	-1	0	0
12.04.2023	0.7	1.1	-0.5	0	0
13.04.2023	0.7	1	-0.4	0	0
14.04.2023	0.7	0.9	-0.2	0	0
18.04.2023	0.7	1	-0.3	0	0
19.04.2023	0.7	1	-0.3	0	0
20.04.2023	0.7	1.2	-0.5	0	0
21.04.2023	0.7	1.3	-0.6	0	0
25.04.2023	0.7	1	-0.3	0	0
26.04.2023	0.7	1.3	-0.6	0	0
27.04.2023	0.7	1.4	-0.7	0	0
05.05.2023	0.7	1.9	-1.2	0	0
10.05.2023	0.7	0.9	-0.3	0	0
01.06.2023	0.9	1.5	-0.6	0	0
21.06.2023	0.8	1.4	-0.7	0	0
09.08.2023	0.8	1.6	-0.8	0	0
15.08.2023	0.9	1.3	-0.4	0	0
17.08.2023	0.9	1.4	-0.5	0	0
25.08.2023	1	1.9	-1	0	0
29.08.2023	1	2.2	-1.2	0	0
16.11.2023	2.2	4.7	-2.6	0	0.1
07.12.2023	2.7	7	-4.4	0	0.1
10.01.2024	2.2	3.8	-1.7	0	0.1
03.05.2023	0.7	1.3	-0.6	0	0
04.05.2023	0.7	1	-0.4	0	0
09.05.2023	0.7	1.1	-0.5	0	0
11.05.2023	0.8	0.8	0	0	0
12.05.2023	0.8	1.7	-0.9	0	0
16.05.2023	0.8	1	-0.2	0	0

17.05.2023	0.8	1.8	-1	0	0
18.05.2023	0.8	1.8	-1	0	0
19.05.2023	0.8	1.5	-0.7	0	0
23.05.2023	0.8	1	-0.2	0	0
24.05.2023	0.8	1.1	-0.4	0	0
25.05.2023	0.9	1.5	-0.6	0	0
26.05.2023	0.9	1.6	-0.8	0	0
30.05.2023	0.9	1.2	-0.4	0	0
31.05.2023	0.9	1.7	-0.9	0	0
02.06.2023	0.9	1.3	-0.4	0	0
06.06.2023	0.8	1.2	-0.4	0	0
07.06.2023	0.8	1.7	-0.9	0	0
08.06.2023	0.8	1.4	-0.6	0	0
09.06.2023	0.8	1.5	-0.7	0	0
20.06.2023	0.7	0.9	-0.2	0	0
22.06.2023	0.8	1.3	-0.6	0	0
23.06.2023	0.8	1.5	-0.7	0	0
27.06.2023	0.7	1.1	-0.4	0	0
28.06.2023	0.8	1.6	-0.8	0	0
29.06.2023	0.8	1.2	-0.4	0	0
30.06.2023	0.8	1.1	-0.3	0	0
04.07.2023	0.8	1.6	-0.9	0	0
05.07.2023	0.9	1.3	-0.5	0	0
06.07.2023	0.8	1.3	-0.5	0	0
07.07.2023	0.9	1.5	-0.7	0	0
11.07.2023	0.8	1.1	-0.3	0	0
12.07.2023	0.9	1.5	-0.7	0	0
13.07.2023	0.8	1.5	-0.7	0	0
14.07.2023	0.9	1	-0.2	0	0
18.07.2023	0.9	1.3	-0.5	0	0
19.07.2023	0.9	1.9	-1	0	0
20.07.2023	0.9	1.5	-0.7	0	0
21.07.2023	0.8	1.2	-0.4	0	0
25.07.2023	0.9	1.8	-1	0	0
26.07.2023	0.8	1.8	-1	0	0
27.07.2023	0.9	1.3	-0.4	0	0
28.07.2023	0.9	1.6	-0.7	0	0
01.08.2023	0.8	1.2	-0.4	0	0
02.08.2023	0.8	1.5	-0.7	0	0

03.08.2023	0.9	1.5	-0.6	0	0
04.08.2023	0.8	1.3	-0.6	0	0
08.08.2023	0.8	1.1	-0.4	0	0
10.08.2023	0.8	1.2	-0.4	0	0
11.08.2023	0.8	1.2	-0.4	0	0
16.08.2023	0.9	1.6	-0.7	0	0
18.08.2023	1	1.3	-0.4	0	0
22.08.2023	1	1.7	-0.7	0	0
23.08.2023	1	1.7	-0.7	0	0
24.08.2023	1	2.1	-1.1	0	0
30.08.2023	0.9	1.1	-0.2	0	0
31.08.2023	0.9	1.1	-0.2	0	0
01.09.2023	0.9	1.4	-0.6	0	0
05.09.2023	0.9	1.3	-0.4	0	0
06.09.2023	1	2	-1.1	0	0
07.09.2023	0.9	1.7	-0.8	0	0
08.09.2023	1	2	-1	0	0
12.09.2023	1	1.8	-0.8	0	0
13.09.2023	1	1.8	-0.9	0	0
14.09.2023	1.1	2	-0.9	0	0
15.09.2023	1.1	1.6	-0.5	0	0
19.09.2023	1	2.1	-1.1	0	0
20.09.2023	1.1	2.2	-1.1	0	0
21.09.2023	1	1.9	-0.9	0	0
22.09.2023	1.1	1.5	-0.4	0	0
26.09.2023	1.1	2.1	-1	0	0
27.09.2023	1.2	1.5	-0.4	0	0
28.09.2023	1.1	2	-0.9	0	0
29.09.2023	1.1	2.2	-1.1	0	0
03.10.2023	1.2	1.6	-0.4	0	0
04.10.2023	1.3	1.7	-0.5	0	0
05.10.2023	1.3	3	-1.7	0	0
06.10.2023	1.4	2.1	-0.8	0	0
10.10.2023	1.3	2.6	-1.3	0	0
11.10.2023	1.3	2.8	-1.5	0	0
12.10.2023	1.3	1.6	-0.3	0	0
13.10.2023	1.3	2.5	-1.3	0	0
17.10.2023	1.5	2.5	-1.1	0	0
18.10.2023	1.4	3.1	-1.7	0	0

19.10.2023	1.5	2.5	-1	0	0
20.10.2023	1.4	2.1	-0.7	0	0
24.10.2023	3.8	5.9	-2.2	0	0.1
25.10.2023	3.9	5.9	-2.1	0	0.1
26.10.2023	3.9	6	-2.2	0	0.1
27.10.2023	3.5	5.2	-1.8	0	0.1
31.10.2023	3.6	8	-4.5	0	0.1
01.11.2023	3.5	6.1	-2.7	0	0.1
02.11.2023	3.9	8.1	-4.4	0	0.1
03.11.2023	3.2	5.2	-2.1	0	0.1
07.11.2023	2.7	5	-2.4	0	0.1
08.11.2023	2.6	4.9	-2.3	0	0.1
09.11.2023	2.5	4.3	-1.9	0	0.1
10.11.2023	2.3	3.2	-1	0	0.1
14.11.2023	2.6	4.9	-2.4	0	0.1
15.11.2023	2.3	4.1	-1.8	0	0.1
17.11.2023	2.5	4.4	-2	0	0.1
21.11.2023	2.4	5.9	-3.6	0	0.1
22.11.2023	2.6	5.9	-3.4	0	0.1
23.11.2023	2.7	5.8	-3.2	0	0.1
24.11.2023	2.6	7	-4.5	0	0.1
28.11.2023	2.9	6.2	-3.4	0	0.1
29.11.2023	3	6.5	-3.6	0	0.1
30.11.2023	2.7	5	-2.4	0	0.1
01.12.2023	2.8	6.1	-3.5	0	0.1
05.12.2023	2.9	7.8	-5	0	0.1
06.12.2023	2.8	7.1	-4.4	0	0.1
08.12.2023	2.8	5.4	-2.7	0	0.1
12.12.2023	2.5	6.5	-4.1	0	0.1
13.12.2023	2.6	6.7	-4.2	0	0.1
14.12.2023	2.8	6.5	-3.7	0	0.1
15.12.2023	2.6	5.1	-2.6	0	0.1
19.12.2023	2.6	5.8	-3.4	0	0.1
20.12.2023	2.3	5.3	-3.1	0	0.1
21.12.2023	2.2	3.6	-1.5	0	0.1
22.12.2023	2.3	5	-2.8	0	0.1
28.12.2023	2.3	4.6	-2.4	0	0.1
29.12.2023	2.2	4.6	-2.4	0	0.1
03.01.2024	2.1	5.6	-3.5	0	0.1

04.01.2024	2.9	7.6	-4.8	0	0.1
05.01.2024	2.9	5.5	-2.7	0	0.1
09.01.2024	2.3	5.6	-3.4	0	0.1
16.02.2024	3.2	4.7	-1.6	0	0.1
08.03.2024	2.3	4.6	-2.3	0	0.1
16.04.2024	1.6	2.4	-0.8	0	0.1
30.04.2024	1.4	1.6	-0.2	0	0
26.04.2024	1.9	3.1	-1.3	0	0.1
11.01.2024	2.3	4.1	-1.9	0	0.1
12.01.2024	2.5	5.5	-3	0	0.1
16.01.2024	2.6	5	-2.5	0	0.1
17.01.2024	2.7	5.2	-2.6	0	0.1
18.01.2024	2.7	2.8	-0.3	0	0.1
19.01.2024	2.5	2.8	-0.3	0	0.1
23.01.2024	2.3	3.8	-1.5	0	0.1
24.01.2024	2	2.6	-0.6	0	0.1
25.01.2024	1.7	3	-1.3	0	0.1
26.01.2024	1.9	3.3	-1.4	0	0.1
30.01.2024	2	2.6	-0.7	0	0.1
31.01.2024	2.1	3.2	-1.1	0	0.1
01.02.2024	2.2	3.8	-1.7	0	0.1
02.02.2024	2.3	3.6	-1.4	0	0.1
06.02.2024	2.9	4.4	-1.6	0	0.1
07.02.2024	2.6	4.6	-2	0	0.1
08.02.2024	2.9	5.2	-2.3	0	0.1
09.02.2024	2.6	4.6	-2.1	0	0.1
13.02.2024	3	6.2	-3.3	0	0.1
14.02.2024	3.4	6.5	-3.3	0	0.1
15.02.2024	3.3	5.4	-2.2	0	0.1
20.02.2024	3.1	6.6	-3.6	0	0.1
21.02.2024	3.3	5.1	-1.9	0	0.1
22.02.2024	3.1	5.2	-2.2	0	0.1
23.02.2024	3	5.1	-2.2	0	0.1
27.02.2024	3.2	6.3	-3.3	0	0.1
28.02.2024	3.1	6.2	-3.3	0	0.1
29.02.2024	2.8	4.4	-1.6	0	0.1
01.03.2024	2.8	3.4	-0.6	0	0.1
05.03.2024	2.6	4.9	-2.4	0	0.1
06.03.2024	2.5	4.4	-1.9	0	0.1

07.03.2024	2.3	4.5	-2.3	0	0.1
12.03.2024	2.3	3.2	-1	0	0.1
13.03.2024	2.1	2.6	-0.6	0	0.1
14.03.2024	2.2	3.2	-1.1	0	0.1
15.03.2024	2.4	4.4	-2.1	0	0.1
19.03.2024	2.8	4.1	-1.3	0	0.1
20.03.2024	3	6	-3.1	0	0.1
21.03.2024	3	6.1	-3.2	0	0.1
22.03.2024	2.9	5.4	-2.7	0	0.1
26.03.2024	2.7	5.6	-2.9	0	0.1
27.03.2024	2.4	3.7	-1.4	0	0.1
28.03.2024	2.3	4	-1.8	0	0.1
03.04.2024	2.4	2.9	-0.6	0	0.1
04.04.2024	2.3	3.3	-1.1	0	0.1
05.04.2024	2.3	3.7	-1.5	0	0.1
09.04.2024	2.1	2.6	-0.5	0	0.1
10.04.2024	2.1	4.1	-2.1	0	0.1
11.04.2024	1.7	3.2	-1.5	0	0.1
12.04.2024	1.8	3.4	-1.6	0	0.1
17.04.2024	1.7	3.2	-1.6	0	0.1
18.04.2024	1.7	2.6	-1	0	0.1
19.04.2024	1.8	2.4	-0.7	0	0.1
23.04.2024	1.8	2	-0.3	0	0.1
24.04.2024	1.9	3.2	-1.5	0	0.1

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