

Historical cost data

ISIN: DE000HB9WK82

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
07.09.2022	0.22	0.1	0	0	0.12
12.09.2022	23.53	23.53	0	0	0
02.03.2023	0.3	1.7	-1.6	0	0.2
05.04.2023	0.5	1.3	-1.2	0	0.4
13.09.2022	5.63	5.63	0	0	0
14.09.2022	6.84	6.84	0	0	0
15.09.2022	1.26	1.26	0	0	0
16.09.2022	7.87	7.87	0	0	0
19.09.2022	-1.19	-1.19	0	0	0
20.09.2022	5.68	5.68	0	0	0
21.09.2022	5.72	5.72	0	0	0
22.09.2022	5.92	5.92	0	0	0
23.09.2022	6.81	6.81	0	0	0
26.09.2022	-0.01	-0.01	0	0	0
27.09.2022	7.48	7.48	0	0	0
28.09.2022	5.81	5.81	0	0	0
29.09.2022	12.74	12.74	0	0	0
30.09.2022	4.36	4.36	0	0	0
03.10.2022	-0.65	-0.65	0	0	0
04.10.2022	4.05	4.05	0	0	0
05.10.2022	6.99	6.99	0	0	0
06.10.2022	5.94	5.94	0	0	0
07.10.2022	0.03	0.03	0	0	0
10.10.2022	6.2	6.2	0	0	0
11.10.2022	3.92	3.92	0	0	0
12.10.2022	5.87	5.87	0	0	0
13.10.2022	4.89	4.89	0	0	0
14.10.2022	7.45	7.45	0	0	0
17.10.2022	12.26	12.26	0	0	0
18.10.2022	9.36	9.36	0	0	0
19.10.2022	5.15	5.15	0	0	0

20.10.2022	7.21	7.21	0	0	0
21.10.2022	7.27	7.27	0	0	0
24.10.2022	28.82	28.82	0	0	0
25.10.2022	4.42	4.42	0	0	0
26.10.2022	7.74	7.74	0	0	0
27.10.2022	8.18	8.18	0	0	0
28.10.2022	7.97	7.97	0	0	0
31.10.2022	10.82	10.82	0	0	0
01.11.2022	6.97	6.97	0	0	0
02.11.2022	6.78	6.78	0	0	0
03.11.2022	7.41	7.41	0	0	0
04.11.2022	4.33	4.33	0	0	0
07.11.2022	22.92	22.92	0	0	0
08.11.2022	7.28	7.28	0	0	0
09.11.2022	6.52	6.52	0	0	0
10.11.2022	4.85	4.85	0	0	0
11.11.2022	6.04	6.04	0	0	0
14.11.2022	8.33	8.33	0	0	0
15.11.2022	4.03	4.03	0	0	0
16.11.2022	4.57	4.57	0	0	0
17.11.2022	4.66	4.66	0	0	0
18.11.2022	5.89	5.89	0	0	0
21.11.2022	1.28	1.28	0	0	0
22.11.2022	4.19	4.19	0	0	0
23.11.2022	3.78	3.78	0	0	0
24.11.2022	4.02	4.02	0	0	0
25.11.2022	3.71	3.71	0	0	0
28.11.2022	-8.32	-8.32	0	0	0
29.11.2022	4.76	4.76	0	0	0
30.11.2022	4.47	4.47	0	0	0
01.12.2022	5.42	5.42	0	0	0
02.12.2022	3.5	3.5	0	0	0
05.12.2022	-2.15	-2.15	0	0	0
06.12.2022	4.32	4.32	0	0	0
07.12.2022	5.38	5.38	0	0	0
08.12.2022	4.71	4.71	0	0	0
09.12.2022	5.05	5.05	0	0	0
13.12.2022	5.37	5.17	0	0	0.2
14.12.2022	5.64	5.49	0	0	0.16

15.12.2022	4.86	4.67	0	0	0.19
16.12.2022	11.85	11.51	0	0	0.33
20.12.2022	7.01	6.83	0	0	0.17
21.12.2022	7.14	6.95	0	0	0.19
22.12.2022	6.31	6.16	0	0	0.15
23.12.2022	0.5	4.4	-4.2	0	0.2
28.12.2022	0.4	6.6	-6.3	0	0.2
29.12.2022	0.4	7	-6.7	0	0.2
30.12.2022	0.4	7.3	-7	0	0.1
03.01.2023	0.6	6.6	-6.1	0	0.2
04.01.2023	0.4	6.6	-6.4	0	0.2
05.01.2023	0.3	6.7	-6.5	0	0.1
06.01.2023	0.4	6.1	-5.9	0	0.2
10.01.2023	0.3	4.3	-4.2	0	0.2
11.01.2023	0.3	4.7	-4.6	0	0.2
12.01.2023	0.3	4.3	-4.2	0	0.2
13.01.2023	0.3	3.4	-3.3	0	0.2
18.01.2023	0.3	3.6	-3.5	0	0.2
19.01.2023	0.3	0	0	0	0.2
20.01.2023	0.3	5	-5	0	0.2
24.01.2023	0.3	3.6	-3.5	0	0.2
25.01.2023	0.2	3.7	-3.7	0	0.2
26.01.2023	0.3	3.5	-3.4	0	0.2
27.01.2023	0.2	3.3	-3.2	0	0.2
31.01.2023	0.3	3.4	-3.3	0	0.2
01.02.2023	0.3	3.6	-3.5	0	0.2
02.02.2023	0.3	3.1	-3	0	0.2
03.02.2023	0.2	2.5	-2.4	0	0.2
07.02.2023	0.3	2.4	-2.4	0	0.2
08.02.2023	0.3	2.5	-2.4	0	0.2
09.02.2023	0.2	2.1	-2.1	0	0.2
10.02.2023	0.2	1.1	-1.1	0	0.2
14.02.2023	0.3	1.3	-1.2	0	0.2
15.02.2023	0.2	1.5	-1.5	0	0.2
16.02.2023	0.3	1.8	-1.7	0	0.2
17.02.2023	0.2	1.4	-1.3	0	0.2
21.02.2023	0.3	0.9	-0.8	0	0.2
22.02.2023	0.3	1.6	-1.5	0	0.2
23.02.2023	0.3	1.1	-1.1	0	0.2

24.02.2023	0.3	0.9	-0.8	0	0.2
28.02.2023	0.3	1.2	-1.1	0	0.2
01.03.2023	0.3	1.6	-1.5	0	0.2
03.03.2023	0.3	1.7	-1.7	0	0.2
07.03.2023	0.2	1.6	-1.6	0	0.2
08.03.2023	0.3	1.4	-1.4	0	0.2
09.03.2023	0.3	1.3	-1.2	0	0.2
10.03.2023	0.3	1.5	-1.4	0	0.2
14.03.2023	0.5	2.9	-2.8	0	0.4
15.03.2023	0.2	2.4	-2.3	0	0.2
16.03.2023	0.7	1.7	-1.5	0	0.4
17.03.2023	0.4	2.2	-2	0	0.2
21.03.2023	0.5	2.5	-2.4	0	0.4
22.03.2023	0.5	2.8	-2.6	0	0.4
23.03.2023	0.5	2.2	-2.1	0	0.4
24.03.2023	0.5	2.1	-2	0	0.4
28.03.2023	0.5	1.9	-1.8	0	0.4
29.03.2023	0.6	1.8	-1.7	0	0.4
30.03.2023	0.5	2.3	-2.1	0	0.4
31.03.2023	0.5	1.2	-1.1	0	0.4
04.04.2023	0.6	1.1	-1	0	0.5
27.10.2023	1.3	2	-1.3	0	0.6
24.11.2023	1.3	2	-1.3	0	0.5
06.04.2023	0.6	1	-0.9	0	0.5
11.04.2023	0.6	11.3	-11.1	0	0.4
12.04.2023	0.5	0.8	-0.7	0	0.5
13.04.2023	0.5	0.4	-0.3	0	0.5
14.04.2023	0.5	0	0	0	0.5
18.04.2023	0.5	0	0	0	0.5
19.04.2023	0.5	0	0	0	0.5
20.04.2023	0.5	0.2	-0.2	0	0.5
21.04.2023	0.6	0	0	0	0.5
25.04.2023	0.5	0	0	0	0.5
26.04.2023	0.5	0	0	0	0.5
27.04.2023	0.6	0	0	0	0.5
28.04.2023	0.6	0	0	0	0.5
03.05.2023	0.6	0	0	0	0.5
04.05.2023	0.5	0.4	-0.3	0	0.5
05.05.2023	0.7	1.9	-1.8	0	0.5

09.05.2023	0.5	0	0	0	0.5
10.05.2023	0.6	0	0	0	0.5
11.05.2023	0.6	0	0	0	0.5
12.05.2023	0.7	0.1	0.1	0	0.5
16.05.2023	0.6	0	0	0	0.5
17.05.2023	0.6	0.1	0.1	0	0.5
18.05.2023	0.5	0.1	-0.1	0	0.5
19.05.2023	0.5	0.1	0	0	0.4
23.05.2023	0.5	0	0	0	0.5
24.05.2023	0.6	0	0	0	0.5
25.05.2023	0.7	0	0	0	0.6
26.05.2023	0.6	0.3	-0.3	0	0.5
30.05.2023	0.6	0	0	0	0.5
31.05.2023	0.6	0	0	0	0.5
01.06.2023	0.7	0	0	0	0.6
02.06.2023	0.5	0.1	0	0	0.5
06.06.2023	0.6	0	0	0	0.5
07.06.2023	0.6	0.1	0.1	0	0.5
08.06.2023	0.6	0	0	0	0.5
09.06.2023	0.6	0	0	0	0.5
20.06.2023	0.7	0.6	-0.4	0	0.5
21.06.2023	0.7	1.6	-1.5	0	0.5
22.06.2023	0.7	2	-1.8	0	0.5
23.06.2023	0.7	1.3	-1.1	0	0.5
27.06.2023	0.7	1.4	-1.2	0	0.5
28.06.2023	0.8	1.6	-1.3	0	0.5
29.06.2023	0.6	1.4	-1.3	0	0.5
30.06.2023	0.7	1.5	-1.4	0	0.5
04.07.2023	0.8	1.6	-1.4	0	0.5
05.07.2023	0.7	1.4	-1.2	0	0.5
06.07.2023	0.7	1.3	-1.1	0	0.5
07.07.2023	1	0.4	-0.1	0	0.7
11.07.2023	0.8	0.9	-0.7	0	0.5
12.07.2023	0.8	1.2	-0.8	0	0.5
13.07.2023	0.6	1.1	-1	0	0.5
14.07.2023	0.7	1.1	-0.9	0	0.5
18.07.2023	0.6	0.9	-0.8	0	0.5
19.07.2023	0.7	0.8	-0.6	0	0.5
20.07.2023	0.7	0.8	-0.6	0	0.5

21.07.2023	0.7	0.8	-0.6	0	0.5
25.07.2023	0.7	1.1	-0.9	0	0.5
26.07.2023	0.6	0.5	-0.4	0	0.5
27.07.2023	0.6	0.5	-0.4	0	0.5
28.07.2023	0.6	1.4	-1.2	0	0.5
01.08.2023	0.6	0.7	-0.6	0	0.5
02.08.2023	0.6	1.5	-1.4	0	0.5
03.08.2023	0.8	0.4	-0.1	0	0.6
04.08.2023	0.7	0.3	-0.2	0	0.6
08.08.2023	0.6	1	-0.9	0	0.5
09.08.2023	0.9	0.2	0.1	0	0.6
10.08.2023	0.8	0.9	-0.6	0	0.5
11.08.2023	0.6	0.7	-0.6	0	0.5
15.08.2023	0.6	1	-0.9	0	0.5
16.08.2023	0.9	0.8	-0.4	0	0.6
17.08.2023	0.8	1.2	-0.9	0	0.5
18.08.2023	0.7	0.9	-0.7	0	0.5
22.08.2023	0.9	0.9	-0.5	0	0.5
23.08.2023	0.7	1.1	-0.9	0	0.5
24.08.2023	0.7	1	-0.8	0	0.5
25.08.2023	0.7	1.3	-1.1	0	0.5
29.08.2023	0.8	0.7	-0.3	0	0.5
30.08.2023	0.8	1.2	-0.9	0	0.5
31.08.2023	0.7	1.1	-0.9	0	0.5
01.09.2023	0.6	0.9	-0.8	0	0.5
05.09.2023	0.9	1.1	-0.8	0	0.5
06.09.2023	0.7	1	-0.8	0	0.5
07.09.2023	0.7	1.6	-1.4	0	0.5
08.09.2023	0.7	1.6	-1.4	0	0.5
12.09.2023	0.8	1.7	-1.3	0	0.5
13.09.2023	0.7	1.5	-1.4	0	0.5
14.09.2023	0.7	1.5	-1.3	0	0.5
15.09.2023	0.7	1.8	-1.6	0	0.5
19.09.2023	0.8	1.1	-0.9	0	0.6
20.09.2023	1	1.3	-0.9	0	0.5
21.09.2023	0.9	1.5	-1.2	0	0.5
22.09.2023	0.8	1.8	-1.6	0	0.6
26.09.2023	1.2	0.3	0.3	0	0.6
27.09.2023	0.9	2.1	-1.8	0	0.5

28.09.2023	0.9	1.5	-1.1	0	0.5
29.09.2023	1.2	1.8	-1.2	0	0.5
03.10.2023	1.3	0.6	0.1	0	0.6
04.10.2023	1	1.9	-1.5	0	0.6
05.10.2023	1	1.7	-1.3	0	0.6
06.10.2023	1	1.3	-0.9	0	0.5
10.10.2023	1.4	1.7	-0.9	0	0.6
11.10.2023	0.8	2.1	-1.7	0	0.5
12.10.2023	1.1	1.3	-0.7	0	0.5
13.10.2023	0.9	1.3	-1	0	0.5
17.10.2023	0.9	1.4	-1	0	0.5
18.10.2023	1	1.8	-1.4	0	0.5
19.10.2023	1.5	2	-1.1	0	0.6
20.10.2023	1.5	1.9	-0.9	0	0.6
24.10.2023	1.2	1.5	-0.8	0	0.6
25.10.2023	1.1	1.3	-0.8	0	0.5
26.10.2023	1.8	1.9	-0.7	0	0.5
31.10.2023	1.3	2	-1.2	0	0.5
01.11.2023	1.2	1.9	-1.2	0	0.5
02.11.2023	1.1	1.8	-1.2	0	0.5
03.11.2023	1	1.5	-1	0	0.5
07.11.2023	1.6	2.3	-1.3	0	0.5
08.11.2023	1.5	2.3	-1.3	0	0.5
09.11.2023	1	1.9	-1.4	0	0.5
10.11.2023	1.4	2.1	-1.3	0	0.5
14.11.2023	1.4	2.4	-1.5	0	0.5
15.11.2023	1.2	2.5	-1.8	0	0.5
16.11.2023	1.1	2.3	-1.7	0	0.5
17.11.2023	1.4	1.9	-1.1	0	0.5
21.11.2023	1.4	2.6	-1.8	0	0.5
22.11.2023	1.3	2.5	-1.7	0	0.5
23.11.2023	1.3	2.3	-1.5	0	0.5
26.04.2024	0.7	0.3	-0.2	0	0.6
28.11.2023	1.3	2.6	-1.8	0	0.5
29.11.2023	1.3	2.5	-1.8	0	0.5
30.11.2023	1.3	1.9	-1.1	0	0.5
01.12.2023	1.4	2.1	-1.3	0	0.5
05.12.2023	1.3	2.5	-1.7	0	0.5
06.12.2023	1.3	2.2	-1.4	0	0.5

07.12.2023	1.2	2.3	-1.6	0	0.5
08.12.2023	1.3	2	-1.3	0	0.5
12.12.2023	1.3	2.4	-1.6	0	0.5
13.12.2023	1.3	2.4	-1.7	0	0.5
14.12.2023	1.3	2.3	-1.5	0	0.5
15.12.2023	1.4	1.5	-0.7	0	0.5
19.12.2023	0.7	2.3	-2.1	0	0.6
20.12.2023	0.7	2.1	-1.9	0	0.5
21.12.2023	0.7	2.3	-2.2	0	0.5
22.12.2023	0.7	1.7	-1.5	0	0.6
28.12.2023	0.7	2.1	-2	0	0.5
29.12.2023	0.7	0.8	-0.7	0	0.5
02.01.2024	0.4	4.5	-4.3	0	0.3
03.01.2024	0.7	1.1	-0.9	0	0.5
04.01.2024	0.8	0.5	-0.3	0	0.6
05.01.2024	0.7	1.5	-1.3	0	0.5
09.01.2024	0.7	1.2	-1.1	0	0.5
10.01.2024	0.7	0.8	-0.6	0	0.6
11.01.2024	0.7	1.6	-1.4	0	0.5
12.01.2024	0.8	0.9	-0.7	0	0.6
16.01.2024	0.7	1.7	-1.5	0	0.6
17.01.2024	0.7	1.3	-1.1	0	0.5
18.01.2024	0.8	1.2	-0.9	0	0.6
19.01.2024	0.7	1.6	-1.4	0	0.5
23.01.2024	0.7	1.8	-1.6	0	0.5
24.01.2024	0.7	1.5	-1.3	0	0.5
25.01.2024	0.6	1.9	-1.7	0	0.5
26.01.2024	0.7	1.4	-1.2	0	0.5
30.01.2024	0.7	1.4	-1.2	0	0.6
31.01.2024	0.7	1.7	-1.6	0	0.5
01.02.2024	0.7	2	-1.8	0	0.6
02.02.2024	0.7	1.3	-1.1	0	0.6
06.02.2024	0.7	1.5	-1.3	0	0.6
07.02.2024	0.7	2	-1.8	0	0.5
08.02.2024	0.7	1.7	-1.5	0	0.6
09.02.2024	0.7	1	-0.8	0	0.5
13.02.2024	0.7	1.5	-1.3	0	0.5
14.02.2024	0.8	0.9	-0.8	0	0.6
15.02.2024	0.7	1.5	-1.3	0	0.5

16.02.2024	0.7	1.2	-1	0	0.5
20.02.2024	0.7	1.6	-1.5	0	0.5
21.02.2024	0.7	1.7	-1.5	0	0.5
22.02.2024	0.7	1.6	-1.4	0	0.5
23.02.2024	0.6	1.5	-1.4	0	0.5
27.02.2024	0.7	1.7	-1.6	0	0.5
28.02.2024	0.6	1.9	-1.8	0	0.5
29.02.2024	0.6	1.8	-1.7	0	0.5
01.03.2024	0.6	1.4	-1.3	0	0.5
05.03.2024	0.6	1.6	-1.5	0	0.5
06.03.2024	0.6	1.9	-1.8	0	0.5
07.03.2024	0.6	1.8	-1.7	0	0.5
08.03.2024	0.7	1.5	-1.3	0	0.5
12.03.2024	0.7	1.7	-1.6	0	0.6
13.03.2024	0.6	1.6	-1.4	0	0.5
14.03.2024	0.7	1.8	-1.7	0	0.5
15.03.2024	0.6	1.1	-1	0	0.5
19.03.2024	0.6	1.3	-1.2	0	0.5
20.03.2024	0.7	1.7	-1.5	0	0.5
21.03.2024	0.7	1.2	-1.1	0	0.5
22.03.2024	0.6	0.8	-0.7	0	0.5
26.03.2024	0.7	1.7	-1.6	0	0.5
27.03.2024	0.6	1.2	-1.1	0	0.5
28.03.2024	0.6	0.6	-0.5	0	0.5
03.04.2024	0.7	1.4	-1.3	0	0.6
04.04.2024	0.6	1.3	-1.2	0	0.5
05.04.2024	0.6	0.5	-0.4	0	0.5
09.04.2024	0.6	1.5	-1.4	0	0.5
10.04.2024	0.7	1.5	-1.4	0	0.6
11.04.2024	0.6	1.7	-1.6	0	0.5
12.04.2024	0.7	1.2	-1.1	0	0.6
16.04.2024	0.6	1.9	-1.8	0	0.5
17.04.2024	0.8	0.6	-0.5	0	0.6
18.04.2024	0.6	1.8	-1.7	0	0.5
19.04.2024	0.6	1.3	-1.2	0	0.5
23.04.2024	0.6	2.2	-2	0	0.5
24.04.2024	0.6	1.5	-1.4	0	0.5

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