

Historical cost data

ISIN: DE000HB9HHH5

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
23.08.2022	0.66	0.53	0	0	0.13
26.08.2022	2.66	2.53	0	0	0.13
14.11.2022	4.26	4.26	0	0	0
09.02.2023	0.8	2.8	-2.1	0	0.1
17.03.2023	0.6	2.7	-2.2	0	0.1
29.08.2022	-0.29	-0.29	0	0	0
30.08.2022	4	4	0	0	0
31.08.2022	0.66	0.66	0	0	0
01.09.2022	3.49	3.49	0	0	0
02.09.2022	3.57	3.57	0	0	0
05.09.2022	-0.57	-0.57	0	0	0
06.09.2022	2.78	2.78	0	0	0
07.09.2022	0.26	0.26	0	0	0
08.09.2022	2.72	2.72	0	0	0
09.09.2022	2.26	2.26	0	0	0
12.09.2022	8.02	8.02	0	0	0
13.09.2022	2.76	2.76	0	0	0
14.09.2022	2.73	2.73	0	0	0
15.09.2022	2.98	2.98	0	0	0
16.09.2022	1.85	1.85	0	0	0
19.09.2022	-4.5	-4.5	0	0	0
20.09.2022	2.86	2.86	0	0	0
21.09.2022	3.27	3.27	0	0	0
22.09.2022	2.92	2.92	0	0	0
23.09.2022	5.72	5.72	0	0	0
26.09.2022	9.8	9.8	0	0	0
27.09.2022	1.53	1.53	0	0	0
28.09.2022	2.8	2.8	0	0	0
29.09.2022	2.82	2.82	0	0	0
30.09.2022	2.71	2.71	0	0	0
03.10.2022	-1.56	-1.56	0	0	0

04.10.2022	3.46	3.46	0	0	0
05.10.2022	3.02	3.02	0	0	0
06.10.2022	3.26	3.26	0	0	0
07.10.2022	3.15	3.15	0	0	0
10.10.2022	-4	-4	0	0	0
11.10.2022	-0.51	-0.51	0	0	0
12.10.2022	2.19	2.19	0	0	0
13.10.2022	3.27	3.27	0	0	0
14.10.2022	3.41	3.41	0	0	0
17.10.2022	3.05	3.05	0	0	0
18.10.2022	4.58	4.58	0	0	0
19.10.2022	2.93	2.93	0	0	0
20.10.2022	5.61	5.61	0	0	0
21.10.2022	2.94	2.94	0	0	0
24.10.2022	4.05	4.05	0	0	0
25.10.2022	2.45	2.45	0	0	0
26.10.2022	3.3	3.3	0	0	0
27.10.2022	2.82	2.82	0	0	0
28.10.2022	3.12	3.12	0	0	0
31.10.2022	20.59	20.59	0	0	0
01.11.2022	2.89	2.89	0	0	0
02.11.2022	3.63	3.63	0	0	0
03.11.2022	3.06	3.06	0	0	0
04.11.2022	3.34	3.34	0	0	0
07.11.2022	8.21	8.21	0	0	0
08.11.2022	2.57	2.57	0	0	0
09.11.2022	3	3	0	0	0
10.11.2022	2.38	2.38	0	0	0
11.11.2022	3.46	3.46	0	0	0
15.11.2022	2.58	2.58	0	0	0
16.11.2022	3.48	3.48	0	0	0
17.11.2022	2.75	2.75	0	0	0
18.11.2022	3.01	3.01	0	0	0
21.11.2022	-2.83	-2.83	0	0	0
22.11.2022	2.79	2.79	0	0	0
23.11.2022	2.82	2.82	0	0	0
24.11.2022	2.86	2.86	0	0	0
25.11.2022	2.68	2.68	0	0	0
28.11.2022	11.42	11.42	0	0	0

29.11.2022	2.63	2.63	0	0	0
30.11.2022	2.79	2.79	0	0	0
01.12.2022	2.89	2.89	0	0	0
02.12.2022	3.12	3.12	0	0	0
05.12.2022	-8.56	-8.56	0	0	0
06.12.2022	2.97	2.97	0	0	0
07.12.2022	3.22	3.22	0	0	0
08.12.2022	1.94	1.94	0	0	0
09.12.2022	2.7	2.7	0	0	0
13.12.2022	2.71	2.62	0	0	0.08
14.12.2022	2.75	2.69	0	0	0.06
15.12.2022	2.94	2.87	0	0	0.07
16.12.2022	3.1	3.02	0	0	0.08
20.12.2022	2.9	2.83	0	0	0.07
21.12.2022	2.92	2.85	0	0	0.07
22.12.2022	2.95	2.88	0	0	0.07
23.12.2022	0.9	2.8	-2	0	0.1
28.12.2022	0.7	2.9	-2.3	0	0.1
29.12.2022	0.7	2.9	-2.3	0	0.1
30.12.2022	0.7	2.6	-2	0	0.1
03.01.2023	0.7	2.7	-2.1	0	0.1
04.01.2023	0.7	2.6	-2	0	0.1
05.01.2023	0.7	2.7	-2	0	0.1
06.01.2023	0.7	2.5	-1.9	0	0.1
10.01.2023	0.7	2.6	-2	0	0.1
11.01.2023	0.7	2.7	-2	0	0.1
12.01.2023	0.7	2.5	-1.8	0	0.1
13.01.2023	0.7	2.9	-2.3	0	0.1
18.01.2023	0.8	2.6	-1.9	0	0.1
19.01.2023	0.7	0.3	0.3	0	0.1
20.01.2023	0.7	2.8	-2.1	0	0.1
24.01.2023	0.7	2.7	-2.1	0	0.1
25.01.2023	0.7	2.8	-2.2	0	0.1
26.01.2023	0.7	2.5	-1.9	0	0.1
27.01.2023	0.7	2.9	-2.3	0	0.1
31.01.2023	0.7	2.7	-2.1	0	0.1
01.02.2023	0.7	2.8	-2.2	0	0.1
02.02.2023	0.7	2.9	-2.2	0	0.1
03.02.2023	0.6	2.8	-2.2	0	0.1

07.02.2023	0.7	2.9	-2.3	0	0.1
08.02.2023	0.8	2.9	-2.2	0	0.1
10.02.2023	0.7	2.9	-2.3	0	0.1
14.02.2023	0.7	2.6	-2	0	0.1
15.02.2023	0.7	2.8	-2.2	0	0.1
16.02.2023	0.7	2.8	-2.2	0	0.1
17.02.2023	0.7	2.8	-2.1	0	0.1
21.02.2023	0.7	2.4	-1.8	0	0.1
22.02.2023	0.7	2.5	-1.9	0	0.1
23.02.2023	0.8	2.3	-1.6	0	0.1
24.02.2023	0.7	3.2	-2.6	0	0.1
28.02.2023	0.8	2.8	-2.1	0	0.1
01.03.2023	0.7	2.5	-1.9	0	0.1
02.03.2023	0.7	3.2	-2.6	0	0.1
03.03.2023	0.7	2.7	-2.1	0	0.1
07.03.2023	0.7	2.7	-2.1	0	0.1
08.03.2023	0.8	2.6	-2	0	0.1
09.03.2023	0.8	2.8	-2.1	0	0.1
10.03.2023	0.6	2.7	-2.2	0	0.1
14.03.2023	0.8	2	-1.2	0	0.1
15.03.2023	0.6	2.8	-2.2	0	0.1
16.03.2023	0.9	3	-2.2	0	0.1
12.09.2023	0.5	2.5	-2.2	0	0.2
31.10.2023	0.7	2.8	-2.3	0	0.2
08.11.2023	0.6	2.9	-2.4	0	0.2
21.03.2023	0.9	2.6	-1.9	0	0.2
22.03.2023	0.8	2.8	-2.1	0	0.2
23.03.2023	0.9	2.7	-2	0	0.2
24.03.2023	0.6	2.7	-2.2	0	0.2
28.03.2023	0.7	2.7	-2.2	0	0.2
29.03.2023	0.7	3	-2.4	0	0.2
30.03.2023	0.9	2.8	-2	0	0.2
31.03.2023	0.9	2.9	-2.2	0	0.2
04.04.2023	0.8	2.6	-1.9	0	0.2
05.04.2023	0.8	3	-2.3	0	0.2
06.04.2023	0.8	2.7	-2.1	0	0.2
11.04.2023	1.7	2	-0.5	0	0.2
12.04.2023	0.8	2.7	-2.1	0	0.2
13.04.2023	0.6	2.7	-2.3	0	0.2

14.04.2023	0.6	2.8	-2.4	0	0.2
18.04.2023	0.7	2.9	-2.3	0	0.2
19.04.2023	0.7	2.8	-2.2	0	0.2
20.04.2023	0.7	2.6	-2.1	0	0.2
21.04.2023	0.6	3	-2.6	0	0.2
25.04.2023	0.7	2.7	-2.2	0	0.2
26.04.2023	0.8	2.9	-2.3	0	0.2
27.04.2023	0.8	2.8	-2.2	0	0.2
28.04.2023	0.7	2.9	-2.4	0	0.2
03.05.2023	0.8	2.7	-2	0	0.2
04.05.2023	0.6	2.8	-2.4	0	0.2
05.05.2023	0.6	2.6	-2.1	0	0.2
09.05.2023	0.6	2.7	-2.2	0	0.2
10.05.2023	0.8	3.6	-3	0	0.1
11.05.2023	0.7	2.8	-2.3	0	0.2
12.05.2023	0.6	2.7	-2.2	0	0.2
16.05.2023	0.6	2.7	-2.3	0	0.2
17.05.2023	0.7	2.9	-2.3	0	0.2
18.05.2023	0.8	2.9	-2.3	0	0.2
19.05.2023	0.7	2.9	-2.3	0	0.2
23.05.2023	0.7	2.7	-2.1	0	0.2
24.05.2023	0.7	2.9	-2.4	0	0.2
25.05.2023	0.8	2.9	-2.3	0	0.2
26.05.2023	0.7	2.8	-2.3	0	0.2
30.05.2023	0.8	2.9	-2.3	0	0.2
31.05.2023	0.7	3	-2.5	0	0.2
01.06.2023	0.8	2.9	-2.4	0	0.2
02.06.2023	0.7	2.7	-2.2	0	0.2
06.06.2023	0.7	2.9	-2.3	0	0.2
07.06.2023	0.7	2.9	-2.4	0	0.2
08.06.2023	0.7	2.7	-2.1	0	0.2
09.06.2023	0.7	2.7	-2.2	0	0.2
13.06.2023	0.8	2.9	-2.2	0	0.2
20.06.2023	0.8	2.8	-2.2	0	0.2
21.06.2023	0.6	2.7	-2.3	0	0.2
22.06.2023	0.8	3	-2.3	0	0.2
23.06.2023	0.6	2.7	-2.2	0	0.2
27.06.2023	0.7	2.8	-2.4	0	0.2
28.06.2023	0.7	2.7	-2.2	0	0.2

29.06.2023	0.6	2.8	-2.4	0	0.2
30.06.2023	0.7	2.8	-2.3	0	0.2
04.07.2023	0.8	2.9	-2.3	0	0.2
05.07.2023	0.8	2.8	-2.2	0	0.2
06.07.2023	0.6	2.7	-2.2	0	0.2
07.07.2023	0.7	2.8	-2.3	0	0.2
11.07.2023	0.7	2.8	-2.3	0	0.2
12.07.2023	0.7	3	-2.5	0	0.2
13.07.2023	0.8	2.9	-2.3	0	0.2
14.07.2023	0.6	2.7	-2.3	0	0.2
18.07.2023	0.8	2.7	-2.1	0	0.2
19.07.2023	0.7	3	-2.4	0	0.2
20.07.2023	0.7	2.9	-2.4	0	0.2
21.07.2023	0.6	2.8	-2.4	0	0.2
25.07.2023	0.6	2.8	-2.3	0	0.2
26.07.2023	0.5	2.8	-2.5	0	0.2
27.07.2023	0.5	2.8	-2.6	0	0.2
28.07.2023	0.6	2.3	-1.9	0	0.2
01.08.2023	0.6	2.5	-2.1	0	0.2
02.08.2023	0.4	2.5	-2.2	0	0.2
03.08.2023	0.5	2.3	-2	0	0.2
04.08.2023	0.6	2.5	-2	0	0.2
08.08.2023	0.6	2.4	-1.9	0	0.2
09.08.2023	0.5	2.4	-2.1	0	0.2
10.08.2023	0.6	2.4	-2	0	0.2
11.08.2023	0.6	2.3	-1.8	0	0.2
15.08.2023	0.5	2.3	-1.9	0	0.2
16.08.2023	0.6	2.4	-1.9	0	0.2
17.08.2023	0.5	2.2	-1.9	0	0.2
18.08.2023	0.6	2.2	-1.9	0	0.2
22.08.2023	0.6	2.3	-1.9	0	0.2
23.08.2023	0.6	2.5	-2.1	0	0.2
24.08.2023	0.6	2.4	-2	0	0.2
25.08.2023	0.6	2.4	-2	0	0.2
29.08.2023	0.5	2.4	-2	0	0.2
30.08.2023	0.5	2.2	-1.9	0	0.2
31.08.2023	0.6	2.3	-1.9	0	0.2
01.09.2023	0.5	2.2	-1.8	0	0.2
05.09.2023	0.6	2.5	-2.1	0	0.2

06.09.2023	0.6	2.5	-2.1	0	0.2
07.09.2023	0.5	2.4	-2.1	0	0.2
08.09.2023	0.6	2.6	-2.1	0	0.2
13.09.2023	0.5	2.3	-2	0	0.2
14.09.2023	0.6	2.5	-2.1	0	0.2
15.09.2023	0.6	2.7	-2.3	0	0.2
19.09.2023	0.5	2.5	-2.1	0	0.2
20.09.2023	0.5	2.3	-1.9	0	0.2
21.09.2023	0.6	2.2	-1.8	0	0.2
22.09.2023	0.5	2.3	-2	0	0.2
26.09.2023	0.5	2.2	-1.9	0	0.2
27.09.2023	0.5	2.4	-2.1	0	0.2
28.09.2023	0.6	2.1	-1.6	0	0.2
29.09.2023	0.6	2.4	-2	0	0.2
03.10.2023	0.7	2.3	-1.8	0	0.2
04.10.2023	0.5	2.5	-2.2	0	0.2
05.10.2023	0.6	2.5	-2.1	0	0.2
06.10.2023	0.5	2.5	-2.2	0	0.2
10.10.2023	0.6	2.4	-2.1	0	0.2
11.10.2023	0.6	2.5	-2.1	0	0.2
12.10.2023	1.1	3.1	-2.3	0	0.3
13.10.2023	0.6	2.7	-2.3	0	0.2
17.10.2023	0.6	2.3	-1.9	0	0.2
18.10.2023	0.6	2.9	-2.5	0	0.2
19.10.2023	0.7	3	-2.6	0	0.2
20.10.2023	0.6	2.8	-2.3	0	0.2
24.10.2023	0.6	2.7	-2.3	0	0.2
25.10.2023	0.6	2.8	-2.4	0	0.2
26.10.2023	0.6	2.7	-2.2	0	0.2
27.10.2023	0.7	2.7	-2.2	0	0.2
01.11.2023	0.7	3	-2.5	0	0.2
02.11.2023	0.7	2.8	-2.3	0	0.2
03.11.2023	0.6	2.9	-2.5	0	0.2
07.11.2023	0.6	2.5	-2.1	0	0.2
27.02.2024	0.7	2.7	-2.2	0	0.2
12.03.2024	0.8	3.3	-2.7	0	0.2
10.05.2024	0.6	3.5	-3.1	0	0.2
09.05.2024	0.6	3.3	-3	0	0.2
09.11.2023	0.6	2.6	-2.2	0	0.2

10.11.2023	0.6	2.6	-2.1	0	0.2
14.11.2023	0.6	2.9	-2.5	0	0.2
15.11.2023	0.5	2.6	-2.3	0	0.2
16.11.2023	0.5	2.9	-2.6	0	0.2
17.11.2023	0.5	2.9	-2.5	0	0.2
21.11.2023	0.5	2.9	-2.6	0	0.2
22.11.2023	0.5	2.9	-2.6	0	0.2
23.11.2023	0.5	2.6	-2.3	0	0.2
24.11.2023	0.5	2.7	-2.4	0	0.2
28.11.2023	0.5	2.7	-2.5	0	0.2
29.11.2023	0.4	2.6	-2.3	0	0.2
30.11.2023	0.4	2.8	-2.5	0	0.2
01.12.2023	0.6	2.8	-2.3	0	0.2
05.12.2023	0.6	2.7	-2.2	0	0.2
06.12.2023	0.5	2.8	-2.5	0	0.2
07.12.2023	0.4	2.7	-2.5	0	0.2
08.12.2023	0.4	2.7	-2.4	0	0.2
12.12.2023	0.5	2.7	-2.4	0	0.2
13.12.2023	0.5	2.9	-2.6	0	0.2
14.12.2023	0.5	2.6	-2.3	0	0.2
15.12.2023	0.5	2.6	-2.3	0	0.2
19.12.2023	0.5	3	-2.7	0	0.2
20.12.2023	0.5	2.8	-2.5	0	0.2
21.12.2023	0.5	2.8	-2.6	0	0.2
22.12.2023	0.5	2.7	-2.4	0	0.2
28.12.2023	0.5	2.7	-2.5	0	0.2
29.12.2023	0.5	2.5	-2.3	0	0.2
02.01.2024	0.4	14.4	-14.2	0	0.1
03.01.2024	0.4	2.5	-2.3	0	0.2
04.01.2024	0.5	2.6	-2.3	0	0.2
05.01.2024	0.4	2.8	-2.5	0	0.2
09.01.2024	0.5	2.7	-2.4	0	0.2
10.01.2024	0.5	2.6	-2.3	0	0.2
11.01.2024	0.5	2.7	-2.4	0	0.2
12.01.2024	0.5	2.9	-2.6	0	0.2
16.01.2024	0.6	2.7	-2.3	0	0.2
17.01.2024	0.6	2.8	-2.4	0	0.2
18.01.2024	0.6	3	-2.5	0	0.2
19.01.2024	0.6	2.7	-2.3	0	0.2

23.01.2024	0.6	3.2	-2.8	0	0.2
24.01.2024	0.7	3	-2.5	0	0.2
25.01.2024	0.6	2.7	-2.3	0	0.2
26.01.2024	0.6	2.9	-2.4	0	0.2
30.01.2024	0.6	3	-2.6	0	0.2
31.01.2024	0.6	2.8	-2.4	0	0.2
01.02.2024	0.7	2.9	-2.5	0	0.2
02.02.2024	0.7	3.2	-2.7	0	0.2
06.02.2024	0.7	3.1	-2.6	0	0.2
07.02.2024	0.7	3.1	-2.6	0	0.2
08.02.2024	0.7	3.1	-2.6	0	0.2
09.02.2024	0.7	3	-2.4	0	0.2
13.02.2024	0.7	3.3	-2.8	0	0.2
14.02.2024	0.7	3	-2.4	0	0.2
15.02.2024	0.7	3	-2.5	0	0.2
16.02.2024	0.6	3.1	-2.7	0	0.2
20.02.2024	0.6	2.8	-2.4	0	0.2
21.02.2024	0.7	2.9	-2.4	0	0.2
22.02.2024	0.6	3.1	-2.7	0	0.2
23.02.2024	0.7	3.1	-2.6	0	0.2
28.02.2024	0.7	3	-2.5	0	0.2
29.02.2024	0.7	3	-2.5	0	0.2
01.03.2024	0.7	3	-2.5	0	0.2
05.03.2024	0.8	3.7	-3	0	0.2
06.03.2024	0.7	3.7	-3.2	0	0.2
07.03.2024	0.8	3.5	-2.9	0	0.2
08.03.2024	0.7	3.5	-2.9	0	0.2
13.03.2024	0.8	3.6	-3	0	0.2
14.03.2024	0.8	3.5	-3	0	0.2
15.03.2024	0.8	3.5	-2.9	0	0.2
19.03.2024	0.8	3.4	-2.8	0	0.2
20.03.2024	0.8	3.7	-3.1	0	0.2
21.03.2024	0.9	3.5	-2.8	0	0.2
22.03.2024	0.9	3.4	-2.8	0	0.2
26.03.2024	0.9	3.6	-2.9	0	0.2
27.03.2024	0.9	4	-3.3	0	0.2
28.03.2024	0.9	3.7	-3.1	0	0.2
03.04.2024	0.9	3.5	-2.8	0	0.2
04.04.2024	0.9	3.8	-3.1	0	0.2

05.04.2024	0.8	3.6	-2.9	0	0.2
09.04.2024	0.7	3.1	-2.5	0	0.2
10.04.2024	0.8	3.4	-2.8	0	0.2
11.04.2024	0.8	3.5	-2.9	0	0.2
12.04.2024	0.8	3.4	-2.7	0	0.2
16.04.2024	0.8	4.1	-3.4	0	0.2
17.04.2024	0.7	3.3	-2.8	0	0.2
18.04.2024	0.7	2.9	-2.4	0	0.2
19.04.2024	0.7	3	-2.5	0	0.2
23.04.2024	0.6	3.6	-3.2	0	0.2
24.04.2024	0.6	3.8	-3.4	0	0.2
26.04.2024	0.6	3.8	-3.3	0	0.2
30.04.2024	0.6	3.5	-3.1	0	0.2
03.05.2024	0.6	3.4	-3	0	0.2
07.05.2024	0.6	3.6	-3.2	0	0.2
08.05.2024	0.6	3.5	-3.1	0	0.2

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