

Historical cost data

ISIN: DE000HC19U12

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
26.10.2022	0.51	0.46	0	0	0.05
31.10.2022	8.35	8.35	0	0	0
07.11.2022	34.17	34.17	0	0	0
16.11.2022	1.61	1.61	0	0	0
22.11.2022	6.84	6.84	0	0	0
20.12.2022	3.34	3.28	0	0	0.06
13.01.2023	0.9	1.7	-0.9	0	0.1
25.01.2023	0.8	1.8	-1.1	0	0.1
28.02.2023	0.7	0.9	-0.3	0	0.1
09.03.2023	0.8	1.3	-0.6	0	0.1
21.03.2023	0.9	1.5	-0.7	0	0.2
27.06.2023	0.7	4.2	-3.7	0	0.2
30.06.2023	0.7	3.4	-3	0	0.2
01.11.2022	2.46	2.46	0	0	0
02.11.2022	2.62	2.62	0	0	0
03.11.2022	2.22	2.22	0	0	0
04.11.2022	2.75	2.75	0	0	0
08.11.2022	2.15	2.15	0	0	0
09.11.2022	0.83	0.83	0	0	0
10.11.2022	0.94	0.94	0	0	0
11.11.2022	1.19	1.19	0	0	0
14.11.2022	5.89	5.89	0	0	0
15.11.2022	1.72	1.72	0	0	0
17.11.2022	1.34	1.34	0	0	0
18.11.2022	2.48	2.48	0	0	0
21.11.2022	-4.28	-4.28	0	0	0
23.11.2022	1.92	1.92	0	0	0
24.11.2022	2.66	2.66	0	0	0
25.11.2022	2.17	2.17	0	0	0
28.11.2022	-1.77	-1.77	0	0	0
29.11.2022	4.34	4.34	0	0	0

30.11.2022	1.93	1.93	0	0	0
01.12.2022	1.58	1.58	0	0	0
02.12.2022	2.43	2.43	0	0	0
05.12.2022	4.4	4.4	0	0	0
06.12.2022	3.23	3.23	0	0	0
07.12.2022	2.89	2.89	0	0	0
08.12.2022	5.08	5.08	0	0	0
09.12.2022	3.43	3.43	0	0	0
13.12.2022	3.18	3.12	0	0	0.06
14.12.2022	3.25	3.18	0	0	0.07
15.12.2022	3.39	3.32	0	0	0.07
16.12.2022	4.12	4.05	0	0	0.07
21.12.2022	3.27	3.2	0	0	0.07
22.12.2022	3.29	3.22	0	0	0.06
23.12.2022	0.6	2.9	-2.4	0	0.1
28.12.2022	0.6	3.3	-2.8	0	0.1
29.12.2022	0.6	3.2	-2.7	0	0.1
30.12.2022	0.9	3	-2.2	0	0.1
03.01.2023	0.9	3.6	-2.7	0	0.1
04.01.2023	0.8	3	-2.2	0	0.1
05.01.2023	0.9	2.8	-1.9	0	0.1
06.01.2023	0.9	2.9	-2	0	0.1
10.01.2023	0.9	3	-2.2	0	0.1
11.01.2023	0.9	2.1	-1.2	0	0.1
12.01.2023	0.9	2.1	-1.2	0	0.1
18.01.2023	0.9	2	-1.2	0	0.1
19.01.2023	0.9	0.4	0.4	0	0.1
20.01.2023	0.9	1.9	-1	0	0.1
24.01.2023	0.8	1.7	-1	0	0.1
26.01.2023	0.8	1.4	-0.7	0	0.1
27.01.2023	0.7	1.7	-1.1	0	0.1
31.01.2023	0.7	2	-1.4	0	0.1
01.02.2023	0.7	1.6	-1	0	0.1
02.02.2023	0.7	1.7	-1	0	0.1
03.02.2023	1.9	3	-1.2	0	0.1
07.02.2023	0.7	1	-0.3	0	0.1
08.02.2023	0.7	1.1	-0.5	0	0.1
09.02.2023	0.7	0.9	-0.3	0	0.1
10.02.2023	0.7	0.9	-0.3	0	0.1

14.02.2023	0.7	1.1	-0.5	0	0.1
15.02.2023	0.7	0.9	-0.3	0	0.1
16.02.2023	0.7	1	-0.4	0	0.1
17.02.2023	0.7	1.3	-0.7	0	0.1
21.02.2023	0.7	1.3	-0.7	0	0.1
22.02.2023	0.7	0.9	-0.3	0	0.1
23.02.2023	0.7	1.4	-0.8	0	0.1
24.02.2023	0.7	1	-0.4	0	0.1
01.03.2023	0.7	1.1	-0.5	0	0.1
02.03.2023	0.7	1.2	-0.6	0	0.1
03.03.2023	0.7	0.8	-0.2	0	0.1
07.03.2023	0.7	0.9	-0.3	0	0.1
08.03.2023	0.8	1.2	-0.4	0	0.1
10.03.2023	0.8	1.1	-0.3	0	0.1
14.03.2023	0.8	1.3	-0.6	0	0.1
15.03.2023	0.8	1.2	-0.5	0	0.1
16.03.2023	0.8	4.6	-3.9	0	0.1
17.03.2023	0.8	1.1	-0.4	0	0.1
22.03.2023	0.9	1.7	-1	0	0.2
23.03.2023	0.9	1.7	-1	0	0.2
24.03.2023	0.9	1.2	-0.5	0	0.2
28.03.2023	0.9	1.8	-1.1	0	0.2
29.03.2023	0.9	1.4	-0.6	0	0.2
30.03.2023	0.9	1.6	-0.9	0	0.2
31.03.2023	0.9	1.2	-0.5	0	0.2
04.04.2023	0.9	1.3	-0.6	0	0.2
05.04.2023	0.9	1.2	-0.5	0	0.2
06.04.2023	0.9	1.1	-0.4	0	0.2
12.04.2023	0.8	3.7	-3	0	0.1
13.04.2023	0.8	1.5	-0.8	0	0.2
14.04.2023	0.8	1.2	-0.6	0	0.2
18.04.2023	0.8	1	-0.4	0	0.2
19.04.2023	0.8	1.3	-0.6	0	0.2
20.04.2023	0.9	3.4	-2.8	0	0.2
21.04.2023	0.8	1.9	-1.2	0	0.2
25.04.2023	0.8	2.5	-1.9	0	0.2
26.04.2023	0.6	2.5	-2	0	0.2
27.04.2023	0.7	2.8	-2.3	0	0.2
28.04.2023	0.6	2.4	-2	0	0.2

03.05.2023	0.7	2.9	-2.4	0	0.2
04.05.2023	0.6	3.8	-3.3	0	0.2
05.05.2023	0.6	2.7	-2.3	0	0.2
09.05.2023	0.6	2.5	-2.1	0	0.2
10.05.2023	0.6	2.6	-2.1	0	0.2
11.05.2023	0.6	2.1	-1.7	0	0.2
12.05.2023	0.7	2.4	-1.9	0	0.2
16.05.2023	0.7	2.5	-2.1	0	0.2
17.05.2023	0.6	2.7	-2.2	0	0.2
18.05.2023	0.6	2.5	-2.1	0	0.2
19.05.2023	0.6	3	-2.6	0	0.2
23.05.2023	0.6	2.6	-2.2	0	0.2
24.05.2023	0.7	2.3	-1.8	0	0.2
25.05.2023	0.7	2.9	-2.4	0	0.2
26.05.2023	0.7	3	-2.5	0	0.2
30.05.2023	0.6	3.2	-2.7	0	0.2
31.05.2023	0.6	3.2	-2.8	0	0.2
01.06.2023	0.6	3.2	-2.8	0	0.2
02.06.2023	0.7	3.3	-2.8	0	0.2
06.06.2023	0.6	3.4	-3	0	0.2
07.06.2023	0.7	3.7	-3.1	0	0.2
08.06.2023	0.7	3.3	-2.8	0	0.2
09.06.2023	0.7	3.3	-2.8	0	0.2
13.06.2023	0.7	3.5	-3	0	0.2
20.06.2023	0.7	3	-2.5	0	0.2
21.06.2023	0.7	2.9	-2.5	0	0.2
22.06.2023	0.7	2.9	-2.3	0	0.2
23.06.2023	0.7	3.9	-3.4	0	0.2
28.06.2023	0.6	3.3	-2.8	0	0.2
29.06.2023	0.6	3.2	-2.8	0	0.2
26.07.2023	0.7	3.4	-2.9	0	0.2
16.08.2023	1.9	0.8	0.8	0	0.3
23.08.2023	0.8	2.4	-1.8	0	0.2
24.08.2023	0.7	2.5	-2	0	0.2
31.08.2023	0.8	2.6	-2	0	0.2
26.09.2023	0.8	1.7	-1.1	0	0.2
29.09.2023	0.7	2.5	-1.9	0	0.2
31.10.2023	1.3	3.3	-2.2	0	0.2
10.11.2023	1.2	3.3	-2.3	0	0.2

24.11.2023	1.2	3.5	-2.5	0	0.2
06.12.2023	1.3	3.3	-2.2	0	0.2
19.12.2023	1.2	3.6	-2.6	0	0.2
17.01.2024	1.2	3.1	-2.1	0	0.2
25.01.2024	1.2	3.1	-2.1	0	0.2
30.01.2024	1.2	3.1	-2.2	0	0.2
09.02.2024	1.1	3.7	-2.8	0	0.2
23.02.2024	1.2	3.1	-2.1	0	0.2
05.03.2024	1.1	3.3	-2.4	0	0.2
06.03.2024	1.1	3.4	-2.5	0	0.2
08.03.2024	1.8	34.6	-33.1	0	0.3
19.03.2024	2	5.8	-4	0	0.2
04.07.2023	0.6	3.4	-2.9	0	0.2
05.07.2023	0.7	3	-2.4	0	0.2
06.07.2023	0.6	3.1	-2.7	0	0.2
07.07.2023	0.6	3.3	-2.9	0	0.2
11.07.2023	0.7	3.6	-3.1	0	0.2
12.07.2023	0.6	3.4	-3	0	0.2
13.07.2023	0.6	3.4	-3	0	0.2
14.07.2023	0.6	3.3	-2.9	0	0.2
18.07.2023	0.7	3.2	-2.7	0	0.2
19.07.2023	0.7	3.2	-2.7	0	0.2
20.07.2023	0.7	3.3	-2.7	0	0.2
21.07.2023	0.7	3.4	-2.9	0	0.2
25.07.2023	0.8	3.6	-2.9	0	0.2
27.07.2023	0.8	3.4	-2.7	0	0.2
28.07.2023	0.8	2.7	-2.1	0	0.2
01.08.2023	0.7	2.8	-2.2	0	0.2
02.08.2023	0.7	2.6	-2.1	0	0.2
03.08.2023	0.7	2.6	-2.1	0	0.2
04.08.2023	0.8	3.4	-2.8	0	0.2
08.08.2023	0.8	3.1	-2.5	0	0.2
09.08.2023	0.7	3.1	-2.5	0	0.2
10.08.2023	0.7	3.2	-2.7	0	0.2
11.08.2023	0.8	2.6	-2	0	0.2
15.08.2023	0.7	2.5	-1.9	0	0.2
17.08.2023	0.8	2.1	-1.5	0	0.2
18.08.2023	0.8	2.5	-1.9	0	0.2
22.08.2023	0.8	2.5	-1.9	0	0.2

25.08.2023	0.7	2.6	-2	0	0.2
29.08.2023	0.7	2.4	-1.9	0	0.2
30.08.2023	0.8	2.2	-1.6	0	0.2
01.09.2023	0.7	2.3	-1.8	0	0.2
05.09.2023	0.8	2	-1.4	0	0.2
06.09.2023	0.7	2.1	-1.5	0	0.2
07.09.2023	0.7	2.1	-1.6	0	0.2
08.09.2023	0.8	1.8	-1.2	0	0.2
12.09.2023	0.8	1.7	-1.1	0	0.2
13.09.2023	0.8	1.8	-1.2	0	0.2
14.09.2023	0.7	1.8	-1.2	0	0.2
15.09.2023	0.8	2	-1.4	0	0.2
19.09.2023	0.7	1.9	-1.3	0	0.2
20.09.2023	0.8	1.8	-1.2	0	0.2
21.09.2023	0.8	1.8	-1.2	0	0.2
22.09.2023	0.8	1.9	-1.3	0	0.2
27.09.2023	0.8	2	-1.4	0	0.2
28.09.2023	0.8	2.4	-1.8	0	0.2
03.10.2023	0.7	2.6	-2	0	0.2
04.10.2023	0.7	2.4	-1.9	0	0.2
05.10.2023	0.7	2.3	-1.8	0	0.2
06.10.2023	0.8	2.7	-2.1	0	0.2
10.10.2023	0.7	2.9	-2.4	0	0.2
11.10.2023	0.7	3.2	-2.6	0	0.2
12.10.2023	0.7	2.8	-2.3	0	0.2
13.10.2023	0.7	2.7	-2.2	0	0.2
17.10.2023	0.8	2.9	-2.3	0	0.2
18.10.2023	0.7	3.5	-3	0	0.2
19.10.2023	0.7	3.1	-2.6	0	0.2
20.10.2023	0.7	2.8	-2.4	0	0.2
24.10.2023	0.7	3.1	-2.6	0	0.2
25.10.2023	0.7	3.3	-2.8	0	0.2
26.10.2023	0.6	3.5	-3	0	0.2
27.10.2023	1.2	3.1	-2	0	0.2
01.11.2023	1.4	3.3	-2.1	0	0.2
02.11.2023	1.2	3.1	-2.1	0	0.2
03.11.2023	1.3	3.5	-2.4	0	0.2
07.11.2023	1.1	3.6	-2.7	0	0.2
08.11.2023	1.3	3.3	-2.1	0	0.2

09.11.2023	1.3	3.4	-2.3	0	0.2
14.11.2023	1.1	3.4	-2.5	0	0.2
15.11.2023	1.2	3.3	-2.2	0	0.2
16.11.2023	1.2	3.5	-2.4	0	0.2
17.11.2023	1.3	3.3	-2.3	0	0.2
21.11.2023	1.3	3.6	-2.5	0	0.2
22.11.2023	1.3	3.8	-2.7	0	0.2
23.11.2023	1.2	3.4	-2.3	0	0.2
28.11.2023	1.2	3.7	-2.7	0	0.2
29.11.2023	1.2	3.3	-2.3	0	0.2
30.11.2023	1.2	3.3	-2.3	0	0.2
01.12.2023	1.2	3.7	-2.7	0	0.2
05.12.2023	1.2	3.3	-2.3	0	0.2
07.12.2023	1.3	3.4	-2.3	0	0.2
08.12.2023	1.3	3.3	-2.2	0	0.2
12.12.2023	1.3	3.4	-2.3	0	0.2
13.12.2023	1.2	3.5	-2.5	0	0.2
14.12.2023	1.2	3.6	-2.6	0	0.2
15.12.2023	1.2	3.6	-2.6	0	0.2
20.12.2023	1.2	3.2	-2.2	0	0.2
21.12.2023	1.2	3.2	-2.2	0	0.2
22.12.2023	1.3	3.1	-2.1	0	0.2
28.12.2023	1.2	3	-1.9	0	0.2
29.12.2023	1.2	3.1	-2.1	0	0.2
02.01.2024	1.2	11.5	-10.4	0	0.1
03.01.2024	1.2	3	-2	0	0.2
04.01.2024	1.2	3.3	-2.3	0	0.2
05.01.2024	1.2	3.3	-2.2	0	0.2
09.01.2024	1.2	3.2	-2.2	0	0.2
10.01.2024	1.2	3.2	-2.3	0	0.2
11.01.2024	1.3	3.2	-2.2	0	0.2
12.01.2024	1.3	3.3	-2.2	0	0.2
16.01.2024	1.2	3.4	-2.4	0	0.2
18.01.2024	1.2	3.3	-2.3	0	0.2
19.01.2024	1.2	3.2	-2.2	0	0.2
23.01.2024	1.2	3.3	-2.4	0	0.2
24.01.2024	1.2	3	-2	0	0.2
26.01.2024	1.2	3.2	-2.2	0	0.2
31.01.2024	1.1	3.7	-2.8	0	0.2

01.02.2024	1.1	3.3	-2.3	0	0.2
02.02.2024	1.2	3.3	-2.3	0	0.2
06.02.2024	1.2	3.6	-2.6	0	0.2
07.02.2024	1	3.5	-2.7	0	0.2
08.02.2024	1.1	3.6	-2.8	0	0.2
13.02.2024	1.2	3.5	-2.5	0	0.2
14.02.2024	1.1	3.3	-2.4	0	0.2
15.02.2024	1.1	3.2	-2.2	0	0.2
16.02.2024	1.1	3.6	-2.6	0	0.2
20.02.2024	1.1	3.4	-2.5	0	0.2
21.02.2024	1.1	3.5	-2.6	0	0.2
22.02.2024	1.2	3.3	-2.4	0	0.2
27.02.2024	1.2	3.5	-2.5	0	0.2
28.02.2024	1.2	3.3	-2.3	0	0.2
29.02.2024	1.2	3.4	-2.4	0	0.2
01.03.2024	1.1	3.7	-2.8	0	0.2
07.03.2024	1.2	3.4	-2.4	0	0.2
12.03.2024	2.4	5.4	-3.2	0	0.2
13.03.2024	2.3	6.1	-3.9	0	0.2
14.03.2024	2.3	6.2	-4.1	0	0.2
15.03.2024	2	6.2	-4.4	0	0.2
10.04.2024	1.6	4.5	-3.1	0	0.2
11.04.2024	1.6	5.1	-3.6	0	0.2
18.04.2024	2	5.7	-3.8	0	0.2
23.04.2024	2.1	6.1	-4.2	0	0.2
07.05.2024	2	6.2	-4.4	0	0.2
16.05.2024	1.5	5.4	-4.1	0	0.2
17.05.2024	1.4	5.2	-3.9	0	0.2
22.05.2024	1.4	5.3	-4	0	0.2
06.06.2024	1.7	5.6	-4.1	0	0.2
07.06.2024	1.7	6.3	-4.8	0	0.2
12.06.2024	1.2	5.8	-4.8	0	0.2
25.06.2024	1.1	5.5	-4.5	0	0.2
27.06.2024	1.3	7	-5.9	0	0.2
02.07.2024	1.3	6.6	-5.5	0	0.2
05.07.2024	1.1	6.1	-5.2	0	0.2
11.07.2024	1.1	6.2	-5.3	0	0.2
19.07.2024	1	4.6	-3.8	0	0.2
24.07.2024	1.5	5.9	-4.6	0	0.2

25.07.2024	1.4	6.3	-5.1	0	0.2
26.07.2024	1.4	6.7	-5.5	0	0.2
15.08.2024	1.6	7.9	-6.4	0	0.2
16.08.2024	1.5	12.2	-10.8	0	0.2
20.08.2024	1.2	5.6	-4.5	0	0.2
21.08.2024	1.4	5.9	-4.7	0	0.2
22.08.2024	1.4	6.2	-5	0	0.2
28.08.2024	1.3	5.9	-4.8	0	0.2
04.09.2024	1.5	6.5	-5.2	0	0.2
20.03.2024	2.1	5.5	-3.6	0	0.2
21.03.2024	1.9	5.5	-3.8	0	0.2
22.03.2024	2.1	6.8	-4.8	0	0.2
26.03.2024	1.9	5.8	-4	0	0.2
27.03.2024	1.8	5.3	-3.7	0	0.2
28.03.2024	1.9	6	-4.3	0	0.2
03.04.2024	2	5.8	-4	0	0.2
04.04.2024	2.2	10.3	-8.3	0	0.2
05.04.2024	1.8	5.6	-4	0	0.2
09.04.2024	1.7	5.2	-3.7	0	0.2
12.04.2024	1.8	5.7	-4.1	0	0.2
16.04.2024	2	5.8	-4	0	0.2
17.04.2024	2.1	6.1	-4.2	0	0.2
19.04.2024	1.2	5.8	-4.8	0	0.2
24.04.2024	1.9	6.3	-4.6	0	0.2
26.04.2024	2.1	6.6	-4.6	0	0.2
30.04.2024	2	6	-4.2	0	0.2
03.05.2024	1.2	5.9	-4.9	0	0.2
08.05.2024	2.1	6.8	-4.9	0	0.2
09.05.2024	1.2	6	-5	0	0.2
10.05.2024	2.1	6.4	-4.4	0	0.2
14.05.2024	1.8	5.4	-3.8	0	0.2
15.05.2024	1.7	5.8	-4.3	0	0.2
21.05.2024	1.4	5.3	-4.1	0	0.2
23.05.2024	1.5	5.6	-4.4	0	0.2
24.05.2024	1.4	5.4	-4.2	0	0.2
28.05.2024	1.9	5.1	-3.4	0	0.2
29.05.2024	1.9	5.5	-3.8	0	0.2
30.05.2024	1.5	5.5	-4.2	0	0.2
31.05.2024	2.2	8.8	-6.9	0	0.3

04.06.2024	1.9	5.5	-3.8	0	0.2
05.06.2024	1.5	5.9	-4.6	0	0.2
11.06.2024	2.1	6.7	-4.8	0	0.2
13.06.2024	1.3	6.6	-5.5	0	0.2
14.06.2024	1.3	6.4	-5.3	0	0.2
18.06.2024	1.2	6	-5	0	0.2
19.06.2024	1.2	6.4	-5.5	0	0.2
20.06.2024	1.3	6.2	-5.1	0	0.2
21.06.2024	1.2	6.6	-5.6	0	0.2
26.06.2024	1.3	6.4	-5.3	0	0.2
28.06.2024	1.3	6.8	-5.7	0	0.2
03.07.2024	1.2	6.8	-5.7	0	0.2
04.07.2024	1.1	6.1	-5.1	0	0.2
09.07.2024	1.3	6.4	-5.3	0	0.2
10.07.2024	1.3	6.3	-5.1	0	0.2
12.07.2024	1.1	5.8	-4.9	0	0.2
16.07.2024	1.1	6.4	-5.5	0	0.2
17.07.2024	1.1	6	-5.1	0	0.2
18.07.2024	1	5.3	-4.4	0	0.2
23.07.2024	1.2	7.3	-6.3	0	0.2
30.07.2024	1.3	6.4	-5.3	0	0.2
31.07.2024	1.3	6.7	-5.6	0	0.2
01.08.2024	1.4	7.5	-6.2	0	0.2
02.08.2024	1.4	6.6	-5.4	0	0.2
06.08.2024	2.1	6.8	-4.9	0	0.2
07.08.2024	1.9	5.8	-4.1	0	0.2
09.08.2024	1.8	6	-4.4	0	0.2
13.08.2024	1.6	7.2	-5.7	0	0.2
14.08.2024	1.8	7.2	-5.5	0	0.2
23.08.2024	1.4	7	-5.8	0	0.2
27.08.2024	1.3	6	-4.9	0	0.2
29.08.2024	1.2	5.7	-4.6	0	0.2
30.08.2024	1.3	6.7	-5.6	0	0.2
03.09.2024	1.3	6.7	-5.5	0	0.2

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