

# Historical cost data

**ISIN: DE000HC0ZUX5**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
18.10.2022	74.56	72.49	0	0	2.07
20.10.2022	19.57	19.28	0	0	0.29
19.01.2023	1.7	0.8	0.8	0	0.1
18.05.2023	0.8	2.4	-1.6	0	0.1
19.05.2023	0.8	2.5	-1.8	0	0.1
21.06.2023	0.7	2.3	-1.6	0	0.1
21.10.2022	28.53	28.17	0	0	0.36
25.10.2022	13.4	13.19	0	0	0.21
26.10.2022	15.44	15.23	0	0	0.21
27.10.2022	21.01	20.69	0	0	0.32
28.10.2022	22.64	22.21	0	0	0.43
01.11.2022	26.37	25.96	0	0	0.41
02.11.2022	18.99	18.67	0	0	0.32
03.11.2022	23.22	22.81	0	0	0.41
04.11.2022	32.34	31.74	0	0	0.6
08.11.2022	12.89	12.68	0	0	0.21
09.11.2022	9.36	9.21	0	0	0.15
10.11.2022	9.06	8.93	0	0	0.13
11.11.2022	7.29	7.18	0	0	0.11
15.11.2022	5.88	5.78	0	0	0.1
16.11.2022	6.79	6.68	0	0	0.11
17.11.2022	6.63	6.5	0	0	0.13
18.11.2022	6.73	6.6	0	0	0.13
22.11.2022	6.8	6.69	0	0	0.11
23.11.2022	4.95	4.85	0	0	0.1
24.11.2022	6.01	5.91	0	0	0.1
25.11.2022	5.82	5.72	0	0	0.1
29.11.2022	5.1	5	0	0	0.1
30.11.2022	6.03	5.93	0	0	0.1
01.12.2022	6.13	6.02	0	0	0.11
02.12.2022	4.66	4.56	0	0	0.1

06.12.2022	6.71	6.58	0	0	0.13
07.12.2022	7.42	7.29	0	0	0.13
08.12.2022	6.75	6.62	0	0	0.13
09.12.2022	8.64	8.48	0	0	0.16
13.12.2022	9.2	9.04	0	0	0.16
14.12.2022	7.12	6.98	0	0	0.14
15.12.2022	6.22	6.09	0	0	0.13
16.12.2022	8.35	8.19	0	0	0.17
20.12.2022	12.16	11.95	0	0	0.22
21.12.2022	11.98	11.72	0	0	0.26
22.12.2022	8.84	8.66	0	0	0.18
23.12.2022	9.33	9.13	0	0	0.2
28.12.2022	2.4	7.9	-5.6	0	0.2
29.12.2022	3	10.2	-7.4	0	0.2
30.12.2022	2.5	9.1	-6.8	0	0.2
03.01.2023	2.7	9.8	-7.2	0	0.2
04.01.2023	2.2	6.6	-4.6	0	0.2
05.01.2023	1.8	5.6	-3.9	0	0.1
06.01.2023	1.9	6.3	-4.6	0	0.1
10.01.2023	1.8	6.2	-4.6	0	0.1
11.01.2023	1.9	6.6	-4.8	0	0.1
12.01.2023	2.1	6.9	-5	0	0.2
13.01.2023	1.7	5.7	-4.2	0	0.1
18.01.2023	1.6	4	-2.5	0	0.1
20.01.2023	1.8	5.9	-4.2	0	0.1
24.01.2023	1.7	5.7	-4.2	0	0.1
25.01.2023	1.3	4	-2.8	0	0.1
26.01.2023	1.4	3.9	-2.6	0	0.1
27.01.2023	1.3	3.6	-2.4	0	0.1
31.01.2023	1.2	3.7	-2.6	0	0.1
01.02.2023	1.2	4	-2.8	0	0.1
02.02.2023	1	3.4	-2.5	0	0.1
03.02.2023	0.7	2.3	-1.7	0	0.1
07.02.2023	0.7	2	-1.4	0	0.1
08.02.2023	0.6	1.8	-1.2	0	0.1
09.02.2023	0.6	1.8	-1.3	0	0.1
10.02.2023	0.6	1.9	-1.3	0	0
14.02.2023	0.6	1.8	-1.2	0	0.1
15.02.2023	0.6	1.6	-1.1	0	0

16.02.2023	0.6	1.5	-1	0	0
17.02.2023	0.6	1.9	-1.4	0	0
21.02.2023	0.6	1.6	-1.1	0	0
22.02.2023	0.6	1.6	-1.1	0	0
23.02.2023	0.6	1.8	-1.3	0	0
24.02.2023	0.5	1.5	-1	0	0
28.02.2023	0.6	1.7	-1.2	0	0
01.03.2023	0.6	1.6	-1.1	0	0
02.03.2023	0.5	1.4	-0.9	0	0
03.03.2023	0.5	1.6	-1.1	0	0
07.03.2023	0.5	1.4	-1	0	0
08.03.2023	0.5	1.3	-0.8	0	0
09.03.2023	0.5	1.5	-1	0	0
10.03.2023	0.6	1.4	-0.9	0	0
14.03.2023	0.7	1.5	-0.8	0	0.1
15.03.2023	0.6	1.7	-1.2	0	0.1
16.03.2023	0.7	2.7	-2	0	0.1
17.03.2023	0.7	2.2	-1.6	0	0.1
21.03.2023	0.7	2.3	-1.7	0	0.1
22.03.2023	0.7	1.9	-1.3	0	0.1
23.03.2023	0.7	1.8	-1.2	0	0.1
24.03.2023	0.7	2.3	-1.7	0	0.1
28.03.2023	0.8	2.7	-2	0	0.1
29.03.2023	0.8	2.3	-1.5	0	0.1
30.03.2023	0.7	1.6	-0.9	0	0.1
31.03.2023	0.7	2.2	-1.6	0	0.1
04.04.2023	0.7	2.1	-1.5	0	0.1
05.04.2023	0.7	2	-1.4	0	0.1
06.04.2023	0.8	2.7	-1.9	0	0.1
12.04.2023	0.8	2.3	-1.6	0	0.1
13.04.2023	0.7	1.9	-1.3	0	0.1
14.04.2023	0.7	1.8	-1.2	0	0.1
18.04.2023	0.6	1.7	-1.2	0	0.1
19.04.2023	0.5	1.6	-1.1	0	0.1
20.04.2023	0.5	1.6	-1.1	0	0.1
21.04.2023	0.6	1.5	-0.9	0	0.1
25.04.2023	0.6	1.9	-1.4	0	0.1
26.04.2023	0.6	1.9	-1.4	0	0.1
27.04.2023	0.6	1.8	-1.3	0	0.1

28.04.2023	0.7	2.2	-1.6	0	0.1
03.05.2023	0.7	1.9	-1.3	0	0.1
04.05.2023	0.7	1.8	-1.2	0	0.1
05.05.2023	1	2.7	-1.8	0	0.1
09.05.2023	0.8	2.1	-1.3	0	0.1
10.05.2023	0.9	2.2	-1.5	0	0.1
11.05.2023	0.9	2.4	-1.6	0	0.1
12.05.2023	0.8	2.8	-2	0	0.1
16.05.2023	0.9	2.2	-1.4	0	0.1
17.05.2023	0.9	3	-2.2	0	0.1
23.05.2023	0.7	1.9	-1.3	0	0.1
24.05.2023	0.8	2.5	-1.8	0	0.1
25.05.2023	0.9	2.1	-1.3	0	0.1
26.05.2023	0.9	2.8	-2	0	0.1
30.05.2023	0.8	2.8	-2	0	0.1
31.05.2023	0.8	2.4	-1.6	0	0.1
01.06.2023	0.9	2.8	-2	0	0.1
02.06.2023	0.8	2.5	-1.8	0	0.1
06.06.2023	0.9	2.7	-1.9	0	0.1
07.06.2023	0.7	2.4	-1.7	0	0.1
08.06.2023	0.7	2.4	-1.7	0	0.1
09.06.2023	0.7	2.4	-1.8	0	0.1
20.06.2023	0.7	1.5	-0.9	0	0.1
28.06.2023	0.7	2	-1.3	0	0.1
14.07.2023	0.6	1.9	-1.3	0	0.1
21.07.2023	0.6	1.7	-1.2	0	0.1
19.09.2023	0.7	2.4	-1.7	0	0.1
11.10.2023	0.7	1.9	-1.3	0	0.1
22.12.2023	0.4	1.1	-0.8	0	0
14.02.2024	0.3	0.6	-0.3	0	0
22.06.2023	0.7	2.2	-1.6	0	0.1
23.06.2023	0.8	2.3	-1.6	0	0.1
27.06.2023	0.8	2.4	-1.7	0	0.1
29.06.2023	0.7	1.7	-1.1	0	0.1
30.06.2023	0.7	2	-1.4	0	0.1
04.07.2023	0.7	2.2	-1.6	0	0.1
05.07.2023	0.7	2.1	-1.5	0	0.1
06.07.2023	0.7	1.7	-1.1	0	0.1
07.07.2023	0.7	1.8	-1.2	0	0.1

11.07.2023	0.7	1.8	-1.2	0	0.1
12.07.2023	0.7	2.2	-1.6	0	0.1
13.07.2023	0.7	2.3	-1.7	0	0.1
18.07.2023	0.6	2.2	-1.6	0	0.1
19.07.2023	0.6	1.5	-1	0	0.1
20.07.2023	0.7	2	-1.4	0	0.1
25.07.2023	0.7	2.2	-1.6	0	0.1
26.07.2023	0.7	1.9	-1.2	0	0.1
27.07.2023	0.7	1.8	-1.2	0	0.1
28.07.2023	0.6	2	-1.5	0	0.1
01.08.2023	0.6	1.9	-1.4	0	0.1
02.08.2023	0.6	1.5	-1	0	0.1
03.08.2023	0.6	1.5	-1	0	0.1
04.08.2023	0.6	1.9	-1.4	0	0.1
08.08.2023	0.6	1.5	-0.9	0	0.1
09.08.2023	0.6	2.1	-1.5	0	0.1
10.08.2023	0.6	1.8	-1.2	0	0.1
11.08.2023	0.6	1.9	-1.3	0	0.1
15.08.2023	0.6	2.1	-1.5	0	0.1
16.08.2023	0.7	1.8	-1.2	0	0.1
17.08.2023	0.7	2.3	-1.6	0	0.1
18.08.2023	0.8	2.2	-1.5	0	0.1
22.08.2023	0.7	2.1	-1.4	0	0.1
23.08.2023	0.7	2.4	-1.7	0	0.1
24.08.2023	0.7	2.1	-1.5	0	0.1
25.08.2023	0.7	2.4	-1.8	0	0.1
29.08.2023	0.7	1.6	-1	0	0.1
30.08.2023	0.6	2	-1.4	0	0.1
31.08.2023	0.6	1.8	-1.3	0	0.1
01.09.2023	0.7	1.7	-1.1	0	0.1
05.09.2023	0.7	2	-1.3	0	0.1
06.09.2023	0.7	2.1	-1.5	0	0.1
07.09.2023	0.7	1.9	-1.3	0	0.1
08.09.2023	0.7	1.8	-1.1	0	0.1
12.09.2023	0.6	1.6	-1.1	0	0.1
13.09.2023	0.7	1.9	-1.3	0	0.1
14.09.2023	0.6	1.8	-1.2	0	0.1
15.09.2023	0.7	1.9	-1.3	0	0.1
20.09.2023	0.7	2	-1.4	0	0.1

21.09.2023	0.7	2	-1.4	0	0.1
22.09.2023	0.7	1.9	-1.3	0	0.1
26.09.2023	0.8	2.4	-1.7	0	0.1
27.09.2023	0.8	2.2	-1.5	0	0.1
28.09.2023	0.7	2	-1.3	0	0.1
29.09.2023	0.7	2	-1.4	0	0.1
03.10.2023	0.8	2.4	-1.7	0	0.1
04.10.2023	0.8	2.5	-1.8	0	0.1
05.10.2023	0.8	2.1	-1.4	0	0.1
06.10.2023	0.8	2.5	-1.8	0	0.1
10.10.2023	0.7	2.2	-1.6	0	0.1
12.10.2023	0.7	1.7	-1.1	0	0.1
13.10.2023	1.5	2.6	-1.1	0	0.1
17.10.2023	0.6	1.5	-1	0	0.1
18.10.2023	0.6	1.5	-1	0	0.1
19.10.2023	0.6	1.5	-0.9	0	0.1
20.10.2023	0.6	1.4	-0.8	0	0.1
24.10.2023	0.7	1.9	-1.3	0	0.1
25.10.2023	0.7	1.7	-1.1	0	0.1
26.10.2023	0.7	1.7	-1.1	0	0.1
27.10.2023	0.7	2	-1.3	0	0.1
31.10.2023	0.7	1.8	-1.1	0	0.1
01.11.2023	0.7	2.3	-1.6	0	0.1
02.11.2023	0.7	2.2	-1.5	0	0.1
03.11.2023	0.7	2.2	-1.6	0	0.1
07.11.2023	0.7	2	-1.4	0	0.1
08.11.2023	0.7	1.7	-1.1	0	0.1
09.11.2023	0.7	1.9	-1.2	0	0.1
10.11.2023	0.7	1.4	-0.7	0	0.1
14.11.2023	0.8	2.6	-1.8	0	0.1
15.11.2023	0.7	2.1	-1.4	0	0.1
16.11.2023	0.8	1.7	-1	0	0.1
17.11.2023	0.7	1.8	-1.2	0	0.1
21.11.2023	0.6	1.6	-1.1	0	0.1
22.11.2023	0.6	1.8	-1.3	0	0.1
23.11.2023	0.6	2.1	-1.5	0	0.1
24.11.2023	0.6	1.7	-1.1	0	0.1
28.11.2023	0.6	2.1	-1.5	0	0.1
29.11.2023	0.6	2	-1.5	0	0.1

30.11.2023	0.5	1.9	-1.4	0	0.1
01.12.2023	0.5	1.5	-1	0	0.1
05.12.2023	0.5	1.6	-1.1	0	0.1
06.12.2023	0.5	1.8	-1.3	0	0.1
07.12.2023	0.5	1.8	-1.4	0	0.1
08.12.2023	0.5	1.4	-0.9	0	0.1
12.12.2023	0.5	1.2	-0.8	0	0
13.12.2023	0.4	1	-0.6	0	0
14.12.2023	0.5	1.1	-0.7	0	0
15.12.2023	0.4	1.2	-0.8	0	0
19.12.2023	0.4	0.9	-0.5	0	0
20.12.2023	0.4	1	-0.6	0	0
21.12.2023	0.4	0.9	-0.6	0	0
28.12.2023	0.4	1.2	-0.8	0	0
29.12.2023	0.4	1	-0.7	0	0
03.01.2024	0.4	0.7	-0.3	0	0
04.01.2024	0.4	0.7	-0.3	0	0
05.01.2024	0.4	0.9	-0.5	0	0
09.01.2024	0.4	0.9	-0.5	0	0
10.01.2024	0.4	0.7	-0.3	0	0
11.01.2024	0.4	0.7	-0.3	0	0
12.01.2024	0.4	0.8	-0.4	0	0
16.01.2024	0.4	0.8	-0.5	0	0
17.01.2024	0.4	1	-0.6	0	0
18.01.2024	0.4	0.7	-0.3	0	0
19.01.2024	0.4	0.6	-0.3	0	0
23.01.2024	0.4	0.8	-0.4	0	0
24.01.2024	0.4	0.6	-0.3	0	0
25.01.2024	0.4	0.6	-0.3	0	0
26.01.2024	0.3	0.7	-0.4	0	0
30.01.2024	0.3	0.6	-0.3	0	0
31.01.2024	0.3	0.7	-0.4	0	0
01.02.2024	0.3	0.8	-0.5	0	0
02.02.2024	0.3	0.6	-0.3	0	0
06.02.2024	0.3	0.8	-0.5	0	0
07.02.2024	0.3	0.7	-0.4	0	0
08.02.2024	0.3	0.8	-0.5	0	0
09.02.2024	0.3	0.7	-0.4	0	0
13.02.2024	0.3	0.5	-0.2	0	0

21.02.2024	0.3	0.6	-0.4	0	0
23.02.2024	0.3	0.5	-0.2	0	0
27.02.2024	0.3	0.4	-0.1	0	0
21.03.2024	0.3	0.5	-0.3	0	0
23.04.2024	0.3	0.5	-0.2	0	0
15.05.2024	0.2	0.5	-0.3	0	0
28.05.2024	0.2	0.5	-0.3	0	0
06.06.2024	0.3	0.4	-0.1	0	0
19.06.2024	0.3	0.5	-0.3	0	0
03.07.2024	0.3	0.4	-0.1	0	0
10.07.2024	0.3	0.6	-0.3	0	0
11.07.2024	0.3	0.5	-0.3	0	0
09.07.2024	0.3	0.4	-0.2	0	0
15.02.2024	0.3	0.6	-0.3	0	0
16.02.2024	0.3	0.5	-0.2	0	0
20.02.2024	0.3	0.6	-0.3	0	0
22.02.2024	0.3	0.6	-0.3	0	0
28.02.2024	0.3	0.4	-0.1	0	0
29.02.2024	0.3	0.4	-0.1	0	0
01.03.2024	0.3	0.3	-0.1	0	0
05.03.2024	0.3	0.5	-0.2	0	0
06.03.2024	0.3	0.5	-0.2	0	0
07.03.2024	0.3	0.4	-0.2	0	0
08.03.2024	0.3	0.5	-0.2	0	0
12.03.2024	0.3	0.4	-0.1	0	0
13.03.2024	0.3	0.6	-0.4	0	0
14.03.2024	0.3	0.5	-0.2	0	0
15.03.2024	0.3	0.5	-0.3	0	0
19.03.2024	0.3	0.4	-0.2	0	0
20.03.2024	0.3	0.3	-0.1	0	0
22.03.2024	0.3	0.4	-0.2	0	0
26.03.2024	0.3	0.4	-0.1	0	0
27.03.2024	0.3	0.4	-0.1	0	0
28.03.2024	0.3	0.4	-0.2	0	0
03.04.2024	0.3	0.4	-0.2	0	0
04.04.2024	0.3	0.3	0	0	0
05.04.2024	0.3	0.5	-0.3	0	0
09.04.2024	0.3	0.3	-0.1	0	0
10.04.2024	0.3	0.5	-0.2	0	0



11.04.2024	0.3	0.3	0	0	0
12.04.2024	0.3	0.2	0	0	0
16.04.2024	0.3	0.5	-0.3	0	0
17.04.2024	0.3	0.3	-0.1	0	0
18.04.2024	0.3	0.3	-0.1	0	0
19.04.2024	0.3	0.2	0	0	0
24.04.2024	0.2	0.4	-0.2	0	0
26.04.2024	0.3	0.3	-0.1	0	0
30.04.2024	0.2	0.5	-0.3	0	0
03.05.2024	0.3	0.4	-0.2	0	0
07.05.2024	0.2	0.4	-0.2	0	0
08.05.2024	0.2	0.3	-0.1	0	0
09.05.2024	0.2	0.4	-0.2	0	0
10.05.2024	0.2	0.4	-0.2	0	0
14.05.2024	0.2	0.4	-0.2	0	0
16.05.2024	0.2	0.4	-0.2	0	0
17.05.2024	0.2	0.3	-0.1	0	0
21.05.2024	0.2	0.2	0	0	0
22.05.2024	0.2	0.4	-0.2	0	0
23.05.2024	0.3	0.3	-0.1	0	0
24.05.2024	0.2	0.3	-0.1	0	0
29.05.2024	0.2	0.3	-0.1	0	0
30.05.2024	0.2	0.4	-0.2	0	0
31.05.2024	0.3	0.3	-0.1	0	0
04.06.2024	0.2	0.4	-0.2	0	0
05.06.2024	0.3	0.6	-0.3	0	0
07.06.2024	0.3	0.5	-0.3	0	0
11.06.2024	0.3	0.4	-0.2	0	0
12.06.2024	0.3	0.4	-0.2	0	0
13.06.2024	0.3	0.3	-0.1	0	0
14.06.2024	0.3	0.4	-0.1	0	0
18.06.2024	0.3	0.4	-0.2	0	0
20.06.2024	0.3	0.6	-0.3	0	0
21.06.2024	0.3	0.4	-0.2	0	0
25.06.2024	0.3	0.4	-0.2	0	0
26.06.2024	0.3	0.4	-0.1	0	0
27.06.2024	0.3	0.3	-0.1	0	0
28.06.2024	0.3	0.3	-0.1	0	0
02.07.2024	0.3	0.4	-0.2	0	0

04.07.2024	0.3	0.4	-0.2	0	0
05.07.2024	0.3	0.4	-0.2	0	0

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