

# Historical cost data

**ISIN: DE000HC0ZB38**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
18.10.2022	2.53	2.48	0	0	0.05
20.10.2022	2.76	2.72	0	0	0.04
08.06.2023	1	2.1	-1.1	0	0
21.10.2022	1.93	1.89	0	0	0.04
25.10.2022	1.8	1.76	0	0	0.04
26.10.2022	2.26	2.21	0	0	0.05
27.10.2022	4.13	4.08	0	0	0.05
28.10.2022	1.61	1.57	0	0	0.04
01.11.2022	2.33	2.28	0	0	0.05
02.11.2022	2.95	2.89	0	0	0.06
03.11.2022	2.72	2.66	0	0	0.06
04.11.2022	2.96	2.89	0	0	0.07
08.11.2022	1.73	1.69	0	0	0.04
09.11.2022	2.07	2.03	0	0	0.04
10.11.2022	1.23	1.18	0	0	0.05
11.11.2022	2.91	2.86	0	0	0.05
15.11.2022	1.74	1.7	0	0	0.04
16.11.2022	1.9	1.86	0	0	0.04
17.11.2022	1.9	1.85	0	0	0.05
18.11.2022	2.54	2.49	0	0	0.05
22.11.2022	2.46	2.41	0	0	0.05
23.11.2022	1.38	1.34	0	0	0.04
24.11.2022	1.66	1.62	0	0	0.04
25.11.2022	1.45	1.41	0	0	0.04
29.11.2022	2.92	2.88	0	0	0.04
30.11.2022	1.32	1.29	0	0	0.03
01.12.2022	1.68	1.64	0	0	0.04
02.12.2022	1.71	1.67	0	0	0.04
06.12.2022	1.34	1.3	0	0	0.04
07.12.2022	2.12	2.08	0	0	0.04
08.12.2022	2.73	2.69	0	0	0.04

09.12.2022	2.05	2	0	0	0.05
13.12.2022	1.93	1.88	0	0	0.04
14.12.2022	1.64	1.6	0	0	0.04
15.12.2022	1.53	1.49	0	0	0.04
16.12.2022	1.85	1.8	0	0	0.05
20.12.2022	2.44	2.4	0	0	0.05
21.12.2022	1.41	1.36	0	0	0.05
22.12.2022	2.51	2.47	0	0	0.04
23.12.2022	1.33	1.29	0	0	0.04
28.12.2022	1.1	1.7	-0.6	0	0
29.12.2022	1.1	2	-1	0	0
30.12.2022	1.1	2	-1	0	0
03.01.2023	0.9	1.5	-0.6	0	0
04.01.2023	0.8	1.3	-0.5	0	0
05.01.2023	0.7	0.7	0	0	0
06.01.2023	0.7	1.5	-0.8	0	0
10.01.2023	0.7	0.9	-0.2	0	0
11.01.2023	0.7	1	-0.3	0	0
12.01.2023	0.7	1	-0.3	0	0
13.01.2023	0.8	1.4	-0.7	0	0
18.01.2023	0.8	1.3	-0.6	0	0
19.01.2023	0.8	0.4	0.4	0	0
20.01.2023	0.8	1	-0.3	0	0
24.01.2023	0.7	1.3	-0.6	0	0
25.01.2023	0.7	0.7	0	0	0
26.01.2023	0.7	1.1	-0.5	0	0
27.01.2023	0.7	1.1	-0.4	0	0
31.01.2023	0.7	1	-0.3	0	0
01.02.2023	0.7	0.9	-0.2	0	0
02.02.2023	0.7	0.8	-0.1	0	0
03.02.2023	0.6	0.9	-0.3	0	0
07.02.2023	0.7	1	-0.3	0	0
08.02.2023	0.7	1	-0.3	0	0
09.02.2023	0.7	0.7	0	0	0
10.02.2023	0.7	0.9	-0.2	0	0
14.02.2023	0.8	1.2	-0.4	0	0
15.02.2023	0.8	1.2	-0.5	0	0
16.02.2023	0.7	0.9	-0.2	0	0
17.02.2023	0.7	1.2	-0.5	0	0

21.02.2023	0.7	0.8	-0.1	0	0
22.02.2023	0.7	1.3	-0.6	0	0
23.02.2023	0.8	0.8	-0.1	0	0
24.02.2023	0.8	1.1	-0.4	0	0
28.02.2023	0.8	0.9	-0.2	0	0
01.03.2023	0.7	1.1	-0.4	0	0
02.03.2023	0.8	0.9	-0.2	0	0
03.03.2023	0.9	1.1	-0.2	0	0
07.03.2023	0.9	1.5	-0.6	0	0
08.03.2023	0.9	1.7	-0.9	0	0
09.03.2023	0.9	1	-0.2	0	0
10.03.2023	0.9	1.4	-0.5	0	0
14.03.2023	1.2	0.6	0.5	0	0.1
15.03.2023	1.2	2.2	-1.1	0	0.1
16.03.2023	1.4	3.3	-2	0	0.1
17.03.2023	1.2	2	-0.9	0	0.1
21.03.2023	1.1	1.8	-0.7	0	0.1
22.03.2023	1.1	1.3	-0.3	0	0
23.03.2023	1	1.6	-0.7	0	0
24.03.2023	1	1.8	-0.8	0	0
28.03.2023	1.1	1.7	-0.6	0	0.1
29.03.2023	1.1	1.8	-0.8	0	0.1
30.03.2023	1.1	1.9	-0.9	0	0
31.03.2023	1	1.7	-0.7	0	0
04.04.2023	1	1.8	-0.8	0	0.1
05.04.2023	1	1.9	-0.9	0	0.1
06.04.2023	1.2	2.5	-1.3	0	0.1
12.04.2023	1.2	2.2	-1.1	0	0.1
13.04.2023	1.2	1.7	-0.5	0	0.1
14.04.2023	1.3	2.2	-1	0	0.1
18.04.2023	1.1	1.6	-0.6	0	0.1
19.04.2023	1	2.1	-1.1	0	0.1
20.04.2023	1	1.8	-0.8	0	0.1
21.04.2023	1.1	1.6	-0.5	0	0.1
25.04.2023	1.1	2.5	-1.4	0	0.1
26.04.2023	1.2	1.7	-0.5	0	0.1
27.04.2023	1.2	2.3	-1.2	0	0.1
28.04.2023	1.2	2	-0.9	0	0.1
03.05.2023	1.1	2.2	-1.2	0	0.1

04.05.2023	1	1.6	-0.6	0	0.1
05.05.2023	1	1.8	-0.8	0	0.1
09.05.2023	0.9	1.4	-0.6	0	0
10.05.2023	0.9	1.6	-0.7	0	0
11.05.2023	0.9	2.2	-1.3	0	0
12.05.2023	0.9	1.9	-1.1	0	0
16.05.2023	0.9	1.4	-0.5	0	0
17.05.2023	1	1.7	-0.8	0	0
18.05.2023	0.9	1.3	-0.5	0	0
19.05.2023	0.9	1.3	-0.5	0	0
23.05.2023	0.9	2.1	-1.2	0	0
24.05.2023	0.9	1.8	-1	0	0
25.05.2023	1	1.8	-0.8	0	0
26.05.2023	1	1.5	-0.5	0	0.1
30.05.2023	1	1.8	-0.9	0	0.1
31.05.2023	1.1	1.8	-0.8	0	0.1
01.06.2023	1.3	2.8	-1.5	0	0.1
02.06.2023	1.3	2	-0.8	0	0.1
06.06.2023	1	1.6	-0.6	0	0.1
07.06.2023	1	2	-1	0	0.1
14.11.2023	0.6	1.5	-1	0	0
15.11.2023	0.6	1.6	-1.1	0	0
29.11.2023	0.6	2	-1.5	0	0
15.12.2023	0.5	1.6	-1.1	0	0
22.12.2023	0.4	1.1	-0.6	0	0
07.02.2024	0.6	1.7	-1.1	0	0
09.06.2023	0.9	1.8	-0.9	0	0
20.06.2023	0.9	1.6	-0.8	0	0
21.06.2023	0.6	1.3	-0.7	0	0
22.06.2023	0.6	1.4	-0.9	0	0
23.06.2023	0.5	1.1	-0.6	0	0
27.06.2023	0.5	1.1	-0.6	0	0
28.06.2023	0.5	0.9	-0.4	0	0
29.06.2023	0.5	0.9	-0.4	0	0
30.06.2023	0.6	1	-0.5	0	0
04.07.2023	0.5	1	-0.5	0	0
05.07.2023	0.6	1.2	-0.6	0	0
06.07.2023	0.6	1.3	-0.8	0	0
07.07.2023	0.6	1.3	-0.8	0	0

11.07.2023	0.6	1.2	-0.7	0	0
12.07.2023	0.5	1	-0.5	0	0
13.07.2023	0.5	0.8	-0.3	0	0
14.07.2023	0.5	1.1	-0.6	0	0
18.07.2023	0.5	1	-0.5	0	0
19.07.2023	0.5	1.1	-0.6	0	0
20.07.2023	0.5	1.2	-0.7	0	0
21.07.2023	0.5	1.6	-1.1	0	0
25.07.2023	0.5	1.4	-0.9	0	0
26.07.2023	0.5	1.3	-0.8	0	0
27.07.2023	0.5	1.4	-1	0	0
28.07.2023	0.5	1.4	-0.9	0	0
01.08.2023	0.5	1.5	-1	0	0
02.08.2023	0.5	1.2	-0.7	0	0
03.08.2023	0.6	1.5	-0.9	0	0
04.08.2023	0.6	1.4	-0.9	0	0
08.08.2023	0.6	1.4	-0.9	0	0
09.08.2023	0.6	1.6	-1	0	0
10.08.2023	0.6	1.5	-1	0	0
11.08.2023	0.6	1.7	-1.2	0	0
15.08.2023	0.5	1.4	-0.9	0	0
16.08.2023	0.5	1.8	-1.3	0	0
17.08.2023	0.5	1.6	-1.1	0	0
18.08.2023	1	1.6	-0.6	0	0
22.08.2023	1.1	2	-0.9	0	0
23.08.2023	1.1	1.7	-0.7	0	0
24.08.2023	1.1	1.8	-0.8	0	0
25.08.2023	1	1.8	-0.8	0	0
29.08.2023	1.5	2.1	-0.6	0	0
30.08.2023	1.5	2.2	-0.7	0	0
31.08.2023	1	1.7	-0.7	0	0
01.09.2023	1	1.7	-0.7	0	0
05.09.2023	1	1.8	-0.8	0	0
06.09.2023	1.1	1.8	-0.8	0	0
07.09.2023	1.1	1.8	-0.8	0	0
08.09.2023	1.1	1.9	-0.9	0	0
12.09.2023	0.8	1.3	-0.5	0	0
13.09.2023	0.8	1.5	-0.7	0	0
14.09.2023	0.8	1.4	-0.6	0	0

15.09.2023	1.3	1.7	-0.5	0	0
19.09.2023	0.9	1.4	-0.5	0	0
20.09.2023	1.3	1.9	-0.6	0	0
21.09.2023	1.3	1.7	-0.4	0	0
22.09.2023	1.4	1.8	-0.4	0	0
26.09.2023	0.9	1.7	-0.8	0	0
27.09.2023	0.9	1.7	-0.8	0	0
28.09.2023	0.5	1.3	-0.8	0	0
29.09.2023	0.9	1.4	-0.6	0	0
03.10.2023	0.9	1.6	-0.7	0	0
04.10.2023	0.5	1.5	-1	0	0
05.10.2023	0.5	1.5	-1	0	0
06.10.2023	0.5	1.4	-1	0	0
10.10.2023	0.5	1.4	-0.9	0	0
11.10.2023	0.5	1.4	-0.9	0	0
12.10.2023	1	1.7	-0.8	0	0
13.10.2023	0.5	1.6	-1.1	0	0
17.10.2023	1.1	1.8	-0.7	0	0
18.10.2023	0.6	1.9	-1.3	0	0
19.10.2023	0.6	1.6	-1.1	0	0
20.10.2023	0.6	1.4	-0.9	0	0
24.10.2023	0.5	1.8	-1.3	0	0
25.10.2023	0.5	1.5	-1	0	0
26.10.2023	0.5	1.6	-1.1	0	0
27.10.2023	1	1.7	-0.7	0	0
31.10.2023	1.1	1.8	-0.7	0	0
01.11.2023	1.1	1.8	-0.7	0	0
02.11.2023	0.6	1.6	-1.1	0	0
03.11.2023	0.6	1.7	-1.1	0	0
07.11.2023	0.6	1.8	-1.3	0	0
08.11.2023	0.6	1.6	-1.1	0	0
09.11.2023	0.6	1.8	-1.2	0	0
10.11.2023	0.6	1.8	-1.3	0	0
16.11.2023	0.5	1.7	-1.1	0	0
17.11.2023	0.5	1.5	-1	0	0
21.11.2023	0.6	1.8	-1.3	0	0
22.11.2023	0.6	2.1	-1.6	0	0
23.11.2023	0.6	2.1	-1.5	0	0
24.11.2023	0.6	2.2	-1.6	0	0

28.11.2023	0.5	1.7	-1.2	0	0
30.11.2023	0.5	1.7	-1.2	0	0
01.12.2023	0.5	2.1	-1.5	0	0
05.12.2023	0.5	1.8	-1.3	0	0
06.12.2023	0.5	1.9	-1.5	0	0
07.12.2023	0.5	1.6	-1.1	0	0
08.12.2023	0.5	1.3	-0.9	0	0
12.12.2023	0.5	1.8	-1.3	0	0
13.12.2023	0.5	1.8	-1.3	0	0
14.12.2023	0.5	1.6	-1.2	0	0
19.12.2023	0.5	1.8	-1.3	0	0
20.12.2023	0.4	1.6	-1.1	0	0
21.12.2023	0.4	1.3	-0.9	0	0
28.12.2023	0.4	1.5	-1.1	0	0
29.12.2023	0.4	1.1	-0.6	0	0
03.01.2024	0.5	1.1	-0.7	0	0
04.01.2024	0.5	1	-0.6	0	0
05.01.2024	0.5	1.1	-0.7	0	0
09.01.2024	0.5	1.3	-0.8	0	0
10.01.2024	0.5	1.1	-0.7	0	0
11.01.2024	0.5	1.3	-0.8	0	0
12.01.2024	0.5	1.3	-0.8	0	0
16.01.2024	0.5	1.5	-1	0	0
17.01.2024	0.6	1.5	-1	0	0
18.01.2024	0.6	1.6	-1.1	0	0
19.01.2024	0.6	1.2	-0.7	0	0
23.01.2024	0.6	1.4	-0.9	0	0
24.01.2024	0.6	1.6	-1	0	0
25.01.2024	0.6	1.6	-1	0	0
26.01.2024	0.6	1.8	-1.2	0	0
30.01.2024	0.5	1.5	-1	0	0
31.01.2024	0.5	1.3	-0.8	0	0
01.02.2024	0.5	1.5	-0.9	0	0
02.02.2024	0.6	1.5	-1	0	0
06.02.2024	0.6	1.8	-1.2	0	0
11.07.2024	0.4	0.8	-0.3	0	0
26.07.2024	0.4	0.5	-0.1	0	0
01.08.2024	0.4	0.4	0	0	0
22.08.2024	0.5	0.9	-0.5	0	0

28.08.2024	0.5	0.8	-0.4	0	0
04.09.2024	0.4	0.9	-0.5	0	0
08.02.2024	0.6	1.8	-1.2	0	0
09.02.2024	0.6	1.8	-1.3	0	0
13.02.2024	0.5	1.2	-0.7	0	0
14.02.2024	0.6	1.8	-1.2	0	0
15.02.2024	0.6	1.3	-0.8	0	0
16.02.2024	0.6	1.2	-0.7	0	0
20.02.2024	0.6	1.7	-1.2	0	0
21.02.2024	0.6	1.5	-1	0	0
22.02.2024	0.6	1.2	-0.6	0	0
23.02.2024	0.6	1.2	-0.6	0	0
27.02.2024	0.5	0.8	-0.3	0	0
28.02.2024	0.5	0.8	-0.3	0	0
29.02.2024	0.5	0.7	-0.2	0	0
01.03.2024	0.5	0.8	-0.3	0	0
05.03.2024	0.5	0.9	-0.4	0	0
06.03.2024	0.6	1	-0.5	0	0
07.03.2024	0.6	0.8	-0.2	0	0
08.03.2024	0.6	1.2	-0.7	0	0
12.03.2024	0.6	0.9	-0.3	0	0
13.03.2024	0.6	0.7	-0.2	0	0
14.03.2024	0.6	1.3	-0.8	0	0
15.03.2024	0.6	1	-0.5	0	0
19.03.2024	0.6	1.2	-0.6	0	0
20.03.2024	0.6	1.1	-0.5	0	0
21.03.2024	0.5	1.2	-0.7	0	0
22.03.2024	0.5	1	-0.5	0	0
26.03.2024	0.5	0.9	-0.5	0	0
27.03.2024	0.5	0.7	-0.2	0	0
28.03.2024	0.5	1.2	-0.7	0	0
03.04.2024	0.5	0.8	-0.3	0	0
04.04.2024	0.5	0.9	-0.5	0	0
05.04.2024	0.5	0.7	-0.2	0	0
09.04.2024	0.5	0.5	0	0	0
10.04.2024	0.5	0.8	-0.3	0	0
11.04.2024	0.5	0.9	-0.5	0	0
12.04.2024	0.5	1	-0.5	0	0
16.04.2024	0.5	0.6	-0.1	0	0



17.04.2024	0.5	0.9	-0.4	0	0
18.04.2024	0.5	0.9	-0.4	0	0
19.04.2024	0.5	0.8	-0.3	0	0
23.04.2024	0.6	1.3	-0.7	0	0
24.04.2024	0.6	1.1	-0.5	0	0
26.04.2024	0.6	1	-0.4	0	0
30.04.2024	0.6	0.8	-0.2	0	0
03.05.2024	0.6	1.1	-0.5	0	0
07.05.2024	0.6	0.8	-0.2	0	0
08.05.2024	0.6	0.7	-0.2	0	0
09.05.2024	0.6	0.7	-0.1	0	0
10.05.2024	0.6	0.6	0	0	0
14.05.2024	0.6	1	-0.5	0	0
15.05.2024	0.6	0.8	-0.3	0	0
16.05.2024	0.6	0.7	-0.1	0	0
17.05.2024	0.6	0.7	-0.1	0	0
21.05.2024	0.6	0.4	0.1	0	0
22.05.2024	0.6	0.7	-0.2	0	0
23.05.2024	0.6	0.7	-0.1	0	0
24.05.2024	0.6	1.2	-0.6	0	0
28.05.2024	0.6	1	-0.5	0	0
29.05.2024	0.5	1.2	-0.7	0	0
30.05.2024	0.6	1.2	-0.6	0	0
31.05.2024	0.6	1	-0.4	0	0
04.06.2024	0.6	1.1	-0.6	0	0
05.06.2024	0.6	1.1	-0.5	0	0
06.06.2024	0.6	1.2	-0.6	0	0
07.06.2024	0.6	1.2	-0.6	0	0
11.06.2024	0.6	0.8	-0.2	0	0
12.06.2024	0.5	1	-0.5	0	0
13.06.2024	0.5	0.7	-0.3	0	0
14.06.2024	0.5	1	-0.5	0	0
18.06.2024	0.5	0.9	-0.4	0	0
19.06.2024	0.5	0.9	-0.4	0	0
20.06.2024	0.6	1.2	-0.7	0	0
21.06.2024	0.5	0.7	-0.2	0	0
25.06.2024	0.5	0.9	-0.5	0	0
26.06.2024	0.4	0.6	-0.2	0	0
27.06.2024	0.4	0.9	-0.5	0	0

28.06.2024	0.4	0.8	-0.4	0	0
02.07.2024	0.4	0.4	0.1	0	0
03.07.2024	0.4	0.9	-0.5	0	0
04.07.2024	0.4	0.5	-0.1	0	0
05.07.2024	0.4	0.7	-0.2	0	0
09.07.2024	0.4	0.9	-0.5	0	0
10.07.2024	0.4	0.7	-0.3	0	0
12.07.2024	0.4	0.8	-0.4	0	0
16.07.2024	0.4	0.6	-0.1	0	0
17.07.2024	0.4	0.6	-0.2	0	0
18.07.2024	0.4	0.5	-0.1	0	0
19.07.2024	0.4	0.8	-0.4	0	0
23.07.2024	0.4	0.4	0	0	0
24.07.2024	0.4	0.4	0	0	0
25.07.2024	0.4	0.4	0	0	0
30.07.2024	0.5	0.7	-0.3	0	0
31.07.2024	0.4	0.6	-0.2	0	0
02.08.2024	0.4	0.6	-0.2	0	0
06.08.2024	0.5	0.5	0	0	0
07.08.2024	0.5	0.8	-0.3	0	0
09.08.2024	0.5	0.4	0.1	0	0
13.08.2024	0.5	0.5	0	0	0
14.08.2024	0.5	0.8	-0.3	0	0
15.08.2024	0.5	0.6	-0.2	0	0
16.08.2024	0.5	0.6	-0.2	0	0
20.08.2024	0.4	0.9	-0.5	0	0
21.08.2024	0.5	0.7	-0.3	0	0
23.08.2024	0.5	0.8	-0.3	0	0
27.08.2024	0.5	0.5	-0.1	0	0
29.08.2024	0.4	0.7	-0.3	0	0
30.08.2024	0.4	0.6	-0.2	0	0
03.09.2024	0.4	0.7	-0.3	0	0

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