

# Historical cost data

**ISIN: DE000HC0HZK9**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
04.10.2022	0.74	0.7	0	0	0.04
06.10.2022	0.37	0.33	0	0	0.04
23.05.2023	0.4	1.5	-1.1	0	0
26.05.2023	0.4	1.2	-0.8	0	0
07.10.2022	0.03	-0.01	0	0	0.04
11.10.2022	2.35	2.31	0	0	0.04
12.10.2022	2.27	2.22	0	0	0.05
13.10.2022	4.93	4.88	0	0	0.05
14.10.2022	-1.06	-1.12	0	0	0.06
18.10.2022	0.2	0.16	0	0	0.04
19.10.2022	1.61	1.57	0	0	0.04
20.10.2022	3.69	3.65	0	0	0.04
21.10.2022	-0.08	-0.12	0	0	0.04
25.10.2022	0.39	0.36	0	0	0.03
26.10.2022	1.74	1.71	0	0	0.03
27.10.2022	0.68	0.65	0	0	0.03
28.10.2022	1.75	1.72	0	0	0.03
01.11.2022	1.44	1.41	0	0	0.03
02.11.2022	1.11	1.08	0	0	0.03
03.11.2022	1.22	1.18	0	0	0.04
04.11.2022	1.05	1.01	0	0	0.04
08.11.2022	0.73	0.7	0	0	0.03
09.11.2022	0.69	0.66	0	0	0.03
10.11.2022	1.14	1.11	0	0	0.03
11.11.2022	-0.17	-0.19	0	0	0.02
15.11.2022	0.63	0.61	0	0	0.02
16.11.2022	0.79	0.77	0	0	0.02
17.11.2022	0.7	0.68	0	0	0.02
18.11.2022	0.67	0.65	0	0	0.02
22.11.2022	0.45	0.43	0	0	0.02
23.11.2022	0.31	0.29	0	0	0.02

24.11.2022	0.47	0.45	0	0	0.02
25.11.2022	0.48	0.46	0	0	0.02
29.11.2022	-0.64	-0.66	0	0	0.02
30.11.2022	0.45	0.43	0	0	0.02
01.12.2022	0.48	0.46	0	0	0.02
02.12.2022	0.45	0.43	0	0	0.02
06.12.2022	0.54	0.52	0	0	0.02
07.12.2022	0.43	0.41	0	0	0.02
08.12.2022	0.57	0.55	0	0	0.02
09.12.2022	0.58	0.56	0	0	0.02
13.12.2022	0.61	0.59	0	0	0.02
14.12.2022	0.45	0.42	0	0	0.02
15.12.2022	0.47	0.45	0	0	0.02
16.12.2022	0.51	0.49	0	0	0.02
20.12.2022	0.66	0.64	0	0	0.02
21.12.2022	1.13	1.1	0	0	0.03
22.12.2022	0.73	0.71	0	0	0.02
23.12.2022	0.76	0.73	0	0	0.03
28.12.2022	0.5	0.6	-0.2	0	0
29.12.2022	0.9	1.1	-0.2	0	0
30.12.2022	0.4	0.8	-0.4	0	0
03.01.2023	0.5	0.9	-0.5	0	0
04.01.2023	0.8	0.9	-0.1	0	0
05.01.2023	0.8	0.6	0.2	0	0
06.01.2023	0.8	1	-0.2	0	0
10.01.2023	0.4	0.6	-0.3	0	0
11.01.2023	0.7	0.6	0	0	0
12.01.2023	0.3	0.4	-0.1	0	0
13.01.2023	0.6	0.7	-0.1	0	0
18.01.2023	0.6	0.7	-0.1	0	0
19.01.2023	0.4	0.2	0.2	0	0
20.01.2023	0.4	0.5	-0.2	0	0
24.01.2023	0.3	0.6	-0.3	0	0
25.01.2023	0.6	0.7	-0.1	0	0
26.01.2023	0.3	0.5	-0.1	0	0
27.01.2023	0.6	0.6	0	0	0
31.01.2023	0.3	0.9	-0.6	0	0
01.02.2023	0.7	0.5	0.2	0	0
02.02.2023	0.3	0.3	0	0	0

03.02.2023	0.3	0.3	0	0	0
07.02.2023	0.5	0.5	0	0	0
08.02.2023	0.5	0.6	-0.1	0	0
09.02.2023	0.5	0.5	0	0	0
10.02.2023	0.3	0.4	-0.2	0	0
14.02.2023	0.6	0.8	-0.1	0	0
15.02.2023	0.3	0.5	-0.2	0	0
16.02.2023	0.7	0.8	-0.2	0	0
17.02.2023	0.7	0.7	0	0	0
21.02.2023	0.4	1.2	-0.8	0	0
22.02.2023	0.7	0.9	-0.2	0	0
23.02.2023	0.7	1.3	-0.6	0	0
24.02.2023	0.4	0.9	-0.6	0	0
28.02.2023	0.9	1.3	-0.4	0	0
01.03.2023	0.5	1.1	-0.7	0	0
02.03.2023	0.4	1.1	-0.7	0	0
03.03.2023	0.5	1.2	-0.7	0	0
07.03.2023	0.8	1.2	-0.4	0	0
08.03.2023	0.5	0.9	-0.5	0	0
09.03.2023	0.4	0.9	-0.5	0	0
10.03.2023	0.9	1.4	-0.5	0	0
14.03.2023	0.5	1.2	-0.7	0	0
15.03.2023	0.5	1.2	-0.7	0	0
16.03.2023	0.5	1.5	-1.1	0	0
17.03.2023	0.5	0.8	-0.4	0	0
21.03.2023	0.5	1	-0.5	0	0
22.03.2023	0.5	1.2	-0.8	0	0
23.03.2023	0.5	1.1	-0.7	0	0
24.03.2023	0.5	0.9	-0.4	0	0
28.03.2023	0.5	1.1	-0.6	0	0
29.03.2023	0.6	1	-0.5	0	0
30.03.2023	0.6	1.3	-0.7	0	0
31.03.2023	1	1.2	-0.2	0	0
04.04.2023	1	2	-1.1	0	0
05.04.2023	1	1.8	-0.9	0	0
06.04.2023	1	2	-1	0	0
12.04.2023	0.5	1.4	-0.9	0	0
13.04.2023	0.5	1.4	-1	0	0
14.04.2023	0.5	1.4	-1	0	0

18.04.2023	0.4	1.3	-0.9	0	0
19.04.2023	0.4	1.5	-1.1	0	0
20.04.2023	0.5	1.4	-0.9	0	0
21.04.2023	0.5	1.5	-1	0	0
25.04.2023	0.9	1.9	-1	0	0
26.04.2023	0.5	1.6	-1.1	0	0
27.04.2023	1	2.1	-1.2	0	0
28.04.2023	0.6	1.6	-1	0	0
03.05.2023	0.7	2.3	-1.7	0	0.1
04.05.2023	0.7	2.1	-1.5	0	0.1
05.05.2023	0.7	0.9	-0.3	0	0.1
09.05.2023	0.6	1.9	-1.3	0	0
10.05.2023	0.6	1.9	-1.4	0	0
11.05.2023	0.7	1.8	-1.2	0	0.1
12.05.2023	0.7	2.3	-1.6	0	0.1
16.05.2023	0.6	2.1	-1.5	0	0
17.05.2023	0.6	2.1	-1.5	0	0
18.05.2023	0.6	2.2	-1.6	0	0
19.05.2023	0.5	1.5	-1	0	0
24.05.2023	0.4	1.6	-1.2	0	0
25.05.2023	0.5	1	-0.6	0	0
02.11.2023	0.3	1.1	-0.8	0	0
14.11.2023	0.3	1	-0.8	0	0
21.11.2023	0.3	0.9	-0.7	0	0
09.01.2024	0.2	0.5	-0.3	0	0
18.01.2024	0.3	0.6	-0.3	0	0
24.01.2024	0.2	0.5	-0.3	0	0
30.05.2023	0.6	1.3	-0.7	0	0
31.05.2023	0.6	1.1	-0.5	0	0
01.06.2023	0.6	1.1	-0.5	0	0
02.06.2023	0.3	1.2	-0.9	0	0
06.06.2023	0.3	1	-0.7	0	0
07.06.2023	0.3	1.5	-1.2	0	0
08.06.2023	0.3	1.3	-0.9	0	0
09.06.2023	0.6	1.4	-0.8	0	0
13.06.2023	0.4	1.4	-1.1	0	0
20.06.2023	0.3	1.1	-0.8	0	0
21.06.2023	0.4	1	-0.7	0	0
22.06.2023	0.4	1.4	-1	0	0

23.06.2023	0.4	1.6	-1.2	0	0
27.06.2023	0.4	1.5	-1.1	0	0
28.06.2023	0.5	1.4	-1	0	0
29.06.2023	0.4	1.7	-1.3	0	0
30.06.2023	0.5	1.8	-1.4	0	0
04.07.2023	0.4	1.5	-1.1	0	0
05.07.2023	0.4	1.3	-0.9	0	0
06.07.2023	0.4	1.3	-1	0	0
07.07.2023	0.5	1.5	-1	0	0
11.07.2023	0.5	1.4	-1	0	0
12.07.2023	0.5	1.8	-1.3	0	0
13.07.2023	0.4	1.4	-1	0	0
14.07.2023	0.4	1.2	-0.9	0	0
18.07.2023	0.4	1.2	-0.9	0	0
19.07.2023	0.4	1.1	-0.7	0	0
20.07.2023	0.4	1.1	-0.7	0	0
21.07.2023	0.4	1.2	-0.8	0	0
25.07.2023	0.4	0.9	-0.6	0	0
26.07.2023	0.7	1.4	-0.8	0	0
27.07.2023	0.3	1.4	-1.1	0	0
28.07.2023	0.6	1.3	-0.7	0	0
01.08.2023	0.3	1.1	-0.8	0	0
02.08.2023	0.6	1	-0.4	0	0
03.08.2023	0.3	0.8	-0.6	0	0
04.08.2023	0.6	1.3	-0.8	0	0
08.08.2023	0.3	0.9	-0.6	0	0
09.08.2023	0.3	1	-0.7	0	0
10.08.2023	0.3	1.1	-0.8	0	0
11.08.2023	0.3	1.3	-1	0	0
15.08.2023	0.6	1.2	-0.6	0	0
16.08.2023	0.3	1.2	-0.9	0	0
17.08.2023	0.3	1.2	-0.9	0	0
18.08.2023	0.6	1.5	-0.9	0	0
22.08.2023	0.3	1	-0.7	0	0
23.08.2023	0.4	1.3	-1	0	0
24.08.2023	0.4	1.3	-1	0	0
25.08.2023	0.4	1.4	-1	0	0
29.08.2023	0.4	1	-0.7	0	0
30.08.2023	0.4	1.4	-1	0	0

31.08.2023	0.4	1.8	-1.4	0	0
01.09.2023	0.4	1.1	-0.7	0	0
05.09.2023	0.4	1.2	-0.9	0	0
06.09.2023	0.4	1.4	-1.1	0	0
07.09.2023	0.4	1.5	-1.1	0	0
08.09.2023	0.4	1.4	-1	0	0
12.09.2023	0.4	0.8	-0.5	0	0
13.09.2023	0.4	1.1	-0.7	0	0
14.09.2023	0.4	1.3	-0.9	0	0
15.09.2023	0.7	1.2	-0.5	0	0
19.09.2023	0.4	1.6	-1.2	0	0
20.09.2023	0.4	1.6	-1.3	0	0
21.09.2023	0.4	1.1	-0.7	0	0
22.09.2023	0.4	1.5	-1.1	0	0
26.09.2023	0.4	1.5	-1.1	0	0
27.09.2023	0.4	1.1	-0.8	0	0
28.09.2023	0.3	1.2	-0.9	0	0
29.09.2023	0.3	1.1	-0.8	0	0
03.10.2023	0.3	1.3	-1	0	0
04.10.2023	0.3	1.2	-0.9	0	0
05.10.2023	0.6	1.4	-0.7	0	0
06.10.2023	0.6	1.2	-0.6	0	0
10.10.2023	0.6	1.6	-1	0	0
11.10.2023	0.3	0.9	-0.6	0	0
12.10.2023	0.3	1.1	-0.8	0	0
13.10.2023	0.3	0.8	-0.6	0	0
17.10.2023	0.3	0.9	-0.6	0	0
18.10.2023	0.3	1.1	-0.9	0	0
19.10.2023	0.3	1.2	-1	0	0
20.10.2023	0.6	1.2	-0.7	0	0
24.10.2023	0.3	0.8	-0.5	0	0
25.10.2023	0.3	1	-0.7	0	0
26.10.2023	0.3	1.2	-0.9	0	0
27.10.2023	0.3	1	-0.7	0	0
31.10.2023	0.3	0.9	-0.6	0	0
01.11.2023	0.3	0.9	-0.6	0	0
03.11.2023	0.3	1	-0.7	0	0
07.11.2023	0.3	1.1	-0.8	0	0
08.11.2023	0.3	0.7	-0.5	0	0

09.11.2023	0.3	0.9	-0.7	0	0
10.11.2023	0.3	0.6	-0.4	0	0
15.11.2023	0.3	1.1	-0.9	0	0
16.11.2023	0.3	1	-0.8	0	0
17.11.2023	0.3	0.9	-0.7	0	0
22.11.2023	0.3	0.9	-0.7	0	0
23.11.2023	0.3	1	-0.7	0	0
24.11.2023	0.3	0.9	-0.6	0	0
28.11.2023	0.3	1.3	-1	0	0
29.11.2023	0.3	1	-0.7	0	0
30.11.2023	0.2	0.9	-0.7	0	0
01.12.2023	0.3	1.2	-1	0	0
05.12.2023	0.3	1.2	-0.9	0	0
06.12.2023	0.3	0.9	-0.7	0	0
07.12.2023	0.3	1.1	-0.9	0	0
08.12.2023	0.3	1.2	-0.9	0	0
12.12.2023	0.3	1	-0.7	0	0
13.12.2023	0.3	1	-0.7	0	0
14.12.2023	0.3	0.9	-0.6	0	0
15.12.2023	0.3	1	-0.7	0	0
19.12.2023	0.3	1	-0.8	0	0
20.12.2023	0.3	0.9	-0.7	0	0
21.12.2023	0.3	0.7	-0.4	0	0
22.12.2023	0.3	0.8	-0.5	0	0
28.12.2023	0.3	0.7	-0.4	0	0
29.12.2023	0.3	0.8	-0.6	0	0
03.01.2024	0.3	0.4	-0.2	0	0
04.01.2024	0.3	1	-0.8	0	0
05.01.2024	0.3	0.8	-0.6	0	0
10.01.2024	0.2	0.5	-0.3	0	0
11.01.2024	0.3	0.4	-0.2	0	0
12.01.2024	0.3	0.8	-0.5	0	0
16.01.2024	0.3	0.7	-0.5	0	0
17.01.2024	0.3	0.6	-0.4	0	0
19.01.2024	0.3	0.4	-0.2	0	0
23.01.2024	0.2	0.8	-0.5	0	0
07.02.2024	0.3	0.7	-0.5	0	0
21.06.2024	0.4	0.4	-0.1	0	0
17.09.2024	0.6	0.7	-0.2	0	0.1

25.01.2024	0.2	0.7	-0.5	0	0
26.01.2024	0.2	0.6	-0.4	0	0
30.01.2024	0.3	0.9	-0.6	0	0
31.01.2024	0.3	0.5	-0.3	0	0
01.02.2024	0.3	0.7	-0.4	0	0
02.02.2024	0.3	0.5	-0.3	0	0
06.02.2024	0.3	0.6	-0.3	0	0
08.02.2024	0.3	0.6	-0.4	0	0
09.02.2024	0.3	0.4	-0.1	0	0
13.02.2024	0.2	0.5	-0.3	0	0
14.02.2024	0.3	0.5	-0.3	0	0
15.02.2024	0.3	0.6	-0.4	0	0
16.02.2024	0.3	0.7	-0.5	0	0
20.02.2024	0.3	0.6	-0.4	0	0
21.02.2024	0.3	0.7	-0.4	0	0
22.02.2024	0.3	0.7	-0.5	0	0
23.02.2024	0.3	0.2	0	0	0
27.02.2024	0.3	0.5	-0.2	0	0
28.02.2024	0.3	0.2	0	0	0
29.02.2024	0.3	0.3	0	0	0
01.03.2024	0.3	0.4	-0.2	0	0
05.03.2024	0.3	0.3	0	0	0
06.03.2024	0.3	0.4	-0.2	0	0
07.03.2024	0.3	0.5	-0.2	0	0
08.03.2024	0.3	0.6	-0.3	0	0
12.03.2024	0.3	0.5	-0.2	0	0
13.03.2024	0.3	0.5	-0.2	0	0
14.03.2024	0.3	0.3	0	0	0
15.03.2024	0.3	0.6	-0.3	0	0
19.03.2024	0.3	0.6	-0.3	0	0
20.03.2024	0.3	0.6	-0.3	0	0
21.03.2024	0.3	0.5	-0.2	0	0
22.03.2024	0.3	0.6	-0.3	0	0
26.03.2024	0.3	0.7	-0.5	0	0
27.03.2024	0.3	0.5	-0.2	0	0
28.03.2024	0.3	0.5	-0.2	0	0
03.04.2024	0.3	0.6	-0.3	0	0
04.04.2024	0.3	0.6	-0.3	0	0
05.04.2024	0.3	0.5	-0.2	0	0



09.04.2024	0.3	0.6	-0.3	0	0
10.04.2024	0.3	0.2	0.1	0	0
11.04.2024	0.3	0.5	-0.2	0	0
12.04.2024	0.3	0.6	-0.3	0	0
16.04.2024	0.3	0.4	-0.1	0	0
17.04.2024	0.3	0.4	-0.1	0	0
18.04.2024	0.3	0.3	0	0	0
19.04.2024	0.3	0.5	-0.2	0	0
23.04.2024	0.4	0.5	-0.2	0	0
24.04.2024	0.4	0.7	-0.4	0	0
26.04.2024	0.4	0.6	-0.3	0	0
30.04.2024	0.4	0.6	-0.3	0	0
03.05.2024	0.5	0.8	-0.4	0	0
07.05.2024	0.4	0.8	-0.5	0	0
08.05.2024	0.4	0.7	-0.4	0	0
09.05.2024	0.4	0.8	-0.4	0	0
10.05.2024	0.4	0.6	-0.2	0	0
14.05.2024	0.4	0.6	-0.2	0	0
15.05.2024	0.4	0.8	-0.4	0	0
16.05.2024	0.4	0.6	-0.2	0	0
17.05.2024	0.4	0.6	-0.2	0	0
21.05.2024	0.4	0.8	-0.4	0	0
22.05.2024	0.4	0.6	-0.3	0	0
23.05.2024	0.4	0.5	-0.1	0	0
24.05.2024	0.4	0.3	0	0	0
28.05.2024	0.4	0.6	-0.3	0	0
29.05.2024	0.4	0.7	-0.3	0	0
30.05.2024	0.4	0.5	-0.2	0	0
31.05.2024	0.4	0.4	0	0	0
04.06.2024	0.4	0.4	0	0	0
05.06.2024	0.4	0.2	0.2	0	0
06.06.2024	0.4	0.7	-0.3	0	0
07.06.2024	0.4	1	-0.7	0	0
11.06.2024	0.4	0.6	-0.3	0	0
12.06.2024	0.4	0.6	-0.3	0	0
13.06.2024	0.4	0.3	0	0	0
14.06.2024	0.4	0.5	-0.2	0	0
18.06.2024	0.4	0.3	0	0	0
19.06.2024	0.4	0.7	-0.4	0	0

20.06.2024	0.4	0.6	-0.2	0	0
25.06.2024	0.4	0.6	-0.2	0	0
26.06.2024	0.4	0.9	-0.5	0	0
27.06.2024	0.4	0.7	-0.3	0	0
28.06.2024	0.4	0.5	-0.1	0	0
02.07.2024	0.4	0.5	-0.1	0	0
03.07.2024	0.4	0.9	-0.5	0	0
04.07.2024	0.4	0.6	-0.2	0	0
05.07.2024	0.4	0.2	0.2	0	0
09.07.2024	0.4	0.7	-0.3	0	0
10.07.2024	0.4	0.6	-0.2	0	0
11.07.2024	0.4	0.4	-0.1	0	0
12.07.2024	0.4	0.6	-0.2	0	0
16.07.2024	0.4	0.4	-0.1	0	0
17.07.2024	0.4	0.6	-0.3	0	0
18.07.2024	0.4	0.2	0.2	0	0
19.07.2024	0.4	0.7	-0.3	0	0
23.07.2024	0.4	0.7	-0.3	0	0
24.07.2024	0.5	0.8	-0.4	0	0
25.07.2024	0.5	0.6	-0.2	0	0
26.07.2024	0.4	0.4	0	0	0
30.07.2024	0.4	0.4	0	0	0
31.07.2024	0.4	0.4	-0.1	0	0
01.08.2024	0.4	0.4	-0.1	0	0
02.08.2024	0.7	0.5	0.2	0	0
06.08.2024	0.9	0.4	0.4	0	0
07.08.2024	0.9	0.8	0.1	0	0
09.08.2024	0.8	0.6	0.2	0	0
13.08.2024	0.8	0.7	0	0	0
14.08.2024	0.8	0.4	0.4	0	0
15.08.2024	0.8	0.8	0	0	0
16.08.2024	0.8	0.4	0.4	0	0
20.08.2024	0.8	0.8	0	0	0
21.08.2024	0.8	0.5	0.3	0	0
22.08.2024	0.8	0.7	0.1	0	0
23.08.2024	0.8	0.7	0	0	0
27.08.2024	0.8	0.5	0.3	0	0
28.08.2024	0.8	0.7	0	0	0
29.08.2024	0.8	0.6	0.2	0	0

30.08.2024	0.8	0.6	0.2	0	0
03.09.2024	0.8	0.4	0.4	0	0
04.09.2024	0.9	0.7	0.2	0	0
05.09.2024	0.5	0.9	-0.5	0	0
06.09.2024	0.5	1	-0.5	0	0
10.09.2024	0.5	0.7	-0.3	0	0
11.09.2024	0.5	0.6	-0.1	0	0
12.09.2024	0.5	0.9	-0.4	0	0
13.09.2024	0.5	0.9	-0.4	0	0
10.10.2024	0.6	1.5	-0.9	0	0.1
12.11.2024	2.9	9.1	-6.4	0	0.2
08.11.2024	2.9	8.3	-5.6	0	0.2
18.09.2024	0.6	1	-0.5	0	0.1
19.09.2024	0.5	0.5	0	0	0
20.09.2024	0.5	1	-0.5	0	0
24.09.2024	0.6	1.1	-0.6	0	0.1
25.09.2024	0.6	0.9	-0.3	0	0.1
26.09.2024	0.6	0.4	0.1	0	0.1
27.09.2024	0.6	0.3	0.2	0	0
01.10.2024	0.5	0.4	0.1	0	0
02.10.2024	0.6	1.2	-0.7	0	0
03.10.2024	0.6	1	-0.5	0	0
04.10.2024	0.6	0.8	-0.3	0	0.1
08.10.2024	0.6	0.7	-0.2	0	0.1
09.10.2024	0.6	0.6	0	0	0.1
11.10.2024	0.7	0.7	-0.1	0	0.1
15.10.2024	0.7	1.1	-0.4	0	0.1
16.10.2024	0.8	0.9	-0.1	0	0.1
17.10.2024	0.9	1.8	-1	0	0.1
18.10.2024	0.9	2	-1.1	0	0.1
22.10.2024	0.9	0.6	0.2	0	0.1
23.10.2024	0.9	1.6	-0.7	0	0.1
24.10.2024	1	1.7	-0.8	0	0.1
25.10.2024	0.9	1.6	-0.8	0	0.1
29.10.2024	1.3	2.7	-1.5	0	0.1
30.10.2024	1.6	2.9	-1.4	0	0.1
31.10.2024	2.1	4.8	-2.9	0	0.2
01.11.2024	2.9	7.9	-5.2	0	0.2
05.11.2024	3	9.1	-6.3	0	0.2

06.11.2024	3.5	10.7	-7.5	0	0.3
07.11.2024	4.5	12.9	-8.8	0	0.3

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