

# Historical cost data

**ISIN: DE000HC4KMZ1**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
24.02.2023	-33.3	33.3	-66.7	0	0
28.02.2023	8.3	16.6	-8.7	0	0.3
17.03.2023	1.5	5.8	-4.4	0	0.1
22.03.2023	0.9	3.1	-2.3	0	0.1
31.05.2023	0.6	2.1	-1.6	0	0.1
07.06.2023	0.5	1.9	-1.4	0	0.1
27.06.2023	0.6	2.3	-1.7	0	0.1
12.07.2023	0.6	2.2	-1.6	0	0.1
13.07.2023	0.6	2.1	-1.6	0	0.1
25.07.2023	0.6	1.8	-1.3	0	0.1
09.08.2023	0.4	1.2	-0.9	0	0
18.08.2023	0.4	1.1	-0.8	0	0
01.09.2023	0.3	0.9	-0.6	0	0
05.09.2023	0.3	1.1	-0.8	0	0
19.09.2023	0.3	1	-0.7	0	0
17.10.2023	0.3	1.1	-0.8	0	0
08.11.2023	0.3	1	-0.7	0	0
10.11.2023	0.3	1	-0.7	0	0
01.03.2023	7.7	18	-10.7	0	0.3
02.03.2023	7.1	16	-9.2	0	0.3
03.03.2023	3.6	14.2	-10.9	0	0.3
07.03.2023	1.7	6.2	-4.6	0	0.2
08.03.2023	1.5	4.9	-3.6	0	0.1
09.03.2023	1.4	5.3	-4.1	0	0.1
10.03.2023	1.3	4.4	-3.2	0	0.1
14.03.2023	1.7	6.8	-5.2	0	0.2
15.03.2023	1.4	5.3	-4	0	0.1
16.03.2023	1.8	5.9	-4.3	0	0.2
21.03.2023	1.3	4.5	-3.3	0	0.1
23.03.2023	0.9	2.9	-2.1	0	0.1
24.03.2023	0.9	3.6	-2.8	0	0.1

28.03.2023	0.9	3.6	-2.8	0	0.1
29.03.2023	0.9	3.7	-2.8	0	0.1
30.03.2023	0.8	3.1	-2.4	0	0.1
31.03.2023	0.7	2.9	-2.2	0	0.1
04.04.2023	0.7	2.3	-1.7	0	0.1
05.04.2023	0.7	2.3	-1.7	0	0.1
06.04.2023	0.6	2.3	-1.7	0	0.1
12.04.2023	0.6	2.2	-1.6	0	0.1
13.04.2023	0.6	2.2	-1.6	0	0.1
14.04.2023	0.6	2.2	-1.6	0	0.1
18.04.2023	0.6	1.9	-1.3	0	0.1
19.04.2023	0.6	2.2	-1.7	0	0.1
20.04.2023	0.6	2.5	-2	0	0.1
21.04.2023	0.6	2.7	-2.1	0	0.1
25.04.2023	0.6	2	-1.5	0	0.1
26.04.2023	0.6	2.2	-1.6	0	0.1
27.04.2023	0.6	1.9	-1.3	0	0.1
28.04.2023	0.6	2.4	-1.8	0	0.1
03.05.2023	0.7	2.7	-2.1	0	0.1
04.05.2023	0.7	3	-2.4	0	0.1
05.05.2023	0.7	3.6	-2.9	0	0.1
09.05.2023	0.6	2	-1.4	0	0.1
10.05.2023	1.2	3.5	-2.3	0	0.1
11.05.2023	0.7	2.5	-1.9	0	0.1
12.05.2023	0.6	1.9	-1.3	0	0.1
16.05.2023	0.7	2	-1.4	0	0.1
17.05.2023	0.7	2.4	-1.8	0	0.1
18.05.2023	0.7	2.2	-1.6	0	0.1
19.05.2023	0.7	2.3	-1.7	0	0.1
23.05.2023	0.6	2.3	-1.8	0	0.1
24.05.2023	0.6	2.1	-1.5	0	0.1
25.05.2023	0.7	2.6	-2	0	0.1
26.05.2023	0.7	3	-2.4	0	0.1
30.05.2023	0.6	1.8	-1.3	0	0.1
01.06.2023	0.6	2.1	-1.6	0	0.1
02.06.2023	0.6	2.3	-1.8	0	0.1
06.06.2023	0.5	2.3	-1.8	0	0.1
08.06.2023	0.5	1.9	-1.4	0	0.1
09.06.2023	0.5	1.7	-1.2	0	0.1

13.06.2023	0.5	1.8	-1.4	0	0.1
15.06.2023	0.5	1.6	-1.1	0	0.1
20.06.2023	0.6	2.2	-1.7	0	0.1
21.06.2023	0.5	1.9	-1.4	0	0.1
22.06.2023	0.5	2	-1.5	0	0.1
23.06.2023	0.5	2.3	-1.8	0	0.1
28.06.2023	0.6	2.4	-1.8	0	0.1
29.06.2023	0.6	2.7	-2.1	0	0.1
30.06.2023	0.6	2.4	-1.8	0	0.1
04.07.2023	0.6	2.1	-1.6	0	0.1
05.07.2023	0.6	1.9	-1.4	0	0.1
06.07.2023	0.6	1.7	-1.2	0	0.1
07.07.2023	0.6	2.1	-1.5	0	0.1
11.07.2023	0.6	2.2	-1.6	0	0.1
14.07.2023	0.6	1.9	-1.4	0	0.1
18.07.2023	0.6	1.7	-1.2	0	0.1
19.07.2023	0.6	2.1	-1.5	0	0.1
20.07.2023	0.6	2.2	-1.7	0	0.1
21.07.2023	0.5	2.2	-1.7	0	0.1
26.07.2023	0.5	2	-1.5	0	0.1
27.07.2023	0.4	1.5	-1.1	0	0
28.07.2023	0.4	1.1	-0.8	0	0
01.08.2023	0.4	1.4	-1	0	0
02.08.2023	0.4	1.4	-1	0	0
03.08.2023	0.4	1.1	-0.8	0	0
04.08.2023	0.4	1.4	-1	0	0
08.08.2023	0.4	1.3	-1	0	0
10.08.2023	0.4	1.2	-0.9	0	0
11.08.2023	0.4	1.2	-0.9	0	0
15.08.2023	0.4	1.2	-0.9	0	0
16.08.2023	0.4	1.2	-0.9	0	0
17.08.2023	0.3	1.1	-0.8	0	0
22.08.2023	0.3	1.1	-0.8	0	0
23.08.2023	0.3	1.1	-0.8	0	0
24.08.2023	0.3	1	-0.7	0	0
25.08.2023	0.3	1.2	-0.9	0	0
29.08.2023	0.3	1.2	-0.9	0	0
30.08.2023	0.3	1	-0.7	0	0
31.08.2023	0.3	0.9	-0.6	0	0

06.09.2023	0.3	0.8	-0.6	0	0
07.09.2023	0.3	1	-0.7	0	0
08.09.2023	0.3	1.1	-0.9	0	0
12.09.2023	0.3	0.9	-0.6	0	0
13.09.2023	0.3	1.1	-0.9	0	0
14.09.2023	0.3	1.1	-0.8	0	0
15.09.2023	0.3	1.1	-0.8	0	0
20.09.2023	0.3	1	-0.7	0	0
21.09.2023	0.3	0.9	-0.6	0	0
22.09.2023	0.3	1.1	-0.8	0	0
26.09.2023	0.3	1.4	-1.1	0	0
27.09.2023	0.3	1.1	-0.8	0	0
28.09.2023	0.3	1	-0.7	0	0
29.09.2023	0.3	1	-0.7	0	0
03.10.2023	0.4	1.4	-1.1	0	0
04.10.2023	0.4	1.3	-1	0	0
05.10.2023	0.4	1.2	-0.9	0	0
06.10.2023	0.4	1.1	-0.7	0	0
10.10.2023	0.4	0.9	-0.6	0	0
11.10.2023	0.3	1	-0.7	0	0
12.10.2023	0.3	1.2	-0.9	0	0
13.10.2023	0.3	1.1	-0.8	0	0
18.10.2023	0.3	1.2	-0.9	0	0
19.10.2023	0.4	1	-0.6	0	0
20.10.2023	0.4	1.3	-1	0	0
24.10.2023	0.4	1	-0.7	0	0
25.10.2023	0.3	1	-0.7	0	0
26.10.2023	0.4	1.2	-0.9	0	0
27.10.2023	0.3	1.1	-0.8	0	0
31.10.2023	0.6	1.2	-0.6	0	0
01.11.2023	0.3	1.1	-0.8	0	0
02.11.2023	0.3	1.1	-0.8	0	0
03.11.2023	0.3	1.1	-0.8	0	0
07.11.2023	0.4	1.3	-1	0	0
09.11.2023	0.3	1.2	-0.9	0	0
16.11.2023	0.3	0.7	-0.5	0	0
24.11.2023	0.3	1.3	-1	0	0
06.12.2023	0.3	1.3	-1	0	0
19.12.2023	0.3	1	-0.7	0	0

20.12.2023	0.3	0.9	-0.6	0	0
21.12.2023	0.3	0.9	-0.7	0	0
29.12.2023	0.3	1.2	-0.9	0	0
09.01.2024	0.3	0.8	-0.5	0	0
18.01.2024	0.3	0.7	-0.5	0	0
19.01.2024	0.3	0.5	-0.3	0	0
01.02.2024	0.3	0.6	-0.3	0	0
02.02.2024	0.3	0.7	-0.5	0	0
07.02.2024	0.3	0.8	-0.5	0	0
14.03.2024	0.3	0.2	0	0	0
21.03.2024	0.3	0.4	-0.2	0	0
22.03.2024	0.3	0.4	-0.2	0	0
27.03.2024	0.2	0.6	-0.4	0	0
28.03.2024	0.2	0.3	-0.1	0	0
03.04.2024	0.3	0.6	-0.4	0	0
10.04.2024	0.3	0.4	-0.1	0	0
11.04.2024	0.3	0.4	-0.2	0	0
24.04.2024	0.3	0.6	-0.4	0	0
03.05.2024	0.3	0.5	-0.3	0	0
14.11.2023	0.3	1.1	-0.9	0	0
15.11.2023	0.3	0.8	-0.6	0	0
17.11.2023	0.3	1.2	-1	0	0
21.11.2023	0.3	0.8	-0.6	0	0
22.11.2023	0.3	1.1	-0.8	0	0
23.11.2023	0.3	1.1	-0.9	0	0
28.11.2023	0.3	1.4	-1.1	0	0
29.11.2023	0.3	0.4	-0.1	0	0
30.11.2023	0.3	1.2	-0.9	0	0
01.12.2023	0.3	1.4	-1.1	0	0
05.12.2023	0.3	1.4	-1.1	0	0
07.12.2023	0.3	1.1	-0.9	0	0
08.12.2023	0.3	0.9	-0.7	0	0
12.12.2023	0.3	1.3	-1	0	0
13.12.2023	0.3	0.9	-0.6	0	0
14.12.2023	0.3	0.9	-0.7	0	0
15.12.2023	0.3	0.7	-0.4	0	0
22.12.2023	0.3	1.2	-0.9	0	0
28.12.2023	0.3	0.6	-0.4	0	0
03.01.2024	0.3	0.8	-0.6	0	0

04.01.2024	0.3	0.6	-0.4	0	0
05.01.2024	0.3	0.6	-0.4	0	0
10.01.2024	0.3	0.8	-0.5	0	0
11.01.2024	0.3	0.8	-0.5	0	0
12.01.2024	0.3	0.8	-0.5	0	0
16.01.2024	0.2	0.4	-0.2	0	0
17.01.2024	0.3	0.7	-0.5	0	0
23.01.2024	0.3	0.4	-0.2	0	0
24.01.2024	0.2	0.7	-0.5	0	0
25.01.2024	0.2	0.5	-0.3	0	0
26.01.2024	0.2	0.5	-0.3	0	0
30.01.2024	0.3	0.8	-0.5	0	0
31.01.2024	0.3	0.8	-0.5	0	0
06.02.2024	0.3	0.5	-0.2	0	0
08.02.2024	0.3	1	-0.7	0	0
09.02.2024	0.3	0.6	-0.3	0	0
13.02.2024	0.3	0.6	-0.3	0	0
14.02.2024	0.3	0.8	-0.5	0	0
15.02.2024	0.3	0.5	-0.3	0	0
16.02.2024	0.3	0.5	-0.3	0	0
20.02.2024	0.3	0.7	-0.5	0	0
21.02.2024	0.3	0.7	-0.4	0	0
22.02.2024	0.3	0.8	-0.5	0	0
23.02.2024	0.3	0.1	0.1	0	0
27.02.2024	0.3	0.6	-0.4	0	0
28.02.2024	0.3	0.4	-0.2	0	0
29.02.2024	0.3	0.2	0	0	0
01.03.2024	0.2	0.4	-0.2	0	0
05.03.2024	0.3	0.6	-0.4	0	0
06.03.2024	0.3	0.7	-0.4	0	0
07.03.2024	0.3	1.2	-1	0	0
08.03.2024	0.3	0.7	-0.4	0	0
12.03.2024	0.3	0.6	-0.4	0	0
13.03.2024	0.3	0.7	-0.4	0	0
15.03.2024	0.3	0.4	-0.2	0	0
19.03.2024	0.3	0.6	-0.4	0	0
20.03.2024	0.3	0.8	-0.6	0	0
26.03.2024	0.3	0.4	-0.1	0	0
04.04.2024	0.3	0.9	-0.6	0	0

05.04.2024	0.3	0.7	-0.4	0	0
09.04.2024	0.3	0.3	-0.1	0	0
12.04.2024	0.3	0.7	-0.4	0	0
16.04.2024	0.3	0.3	-0.1	0	0
17.04.2024	0.3	0.6	-0.4	0	0
18.04.2024	0.3	0.6	-0.4	0	0
19.04.2024	0.3	0.4	-0.2	0	0
23.04.2024	0.3	0.6	-0.3	0	0
26.04.2024	0.3	0.1	0.1	0	0
30.04.2024	0.3	0.6	-0.3	0	0

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