

# Historical cost data

**ISIN: DE000HC4Z4F3**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
13.03.2023	2.3	1.2	1.1	0	0
15.03.2023	0.7	3.5	-3	0	0.1
01.11.2023	0.9	4.2	-3.6	0	0.2
16.03.2023	0.8	7.4	-6.8	0	0.1
17.03.2023	0.7	3.6	-3	0	0.1
21.03.2023	0.8	3.6	-3	0	0.2
22.03.2023	0.8	3.9	-3.3	0	0.2
23.03.2023	0.8	3.4	-2.8	0	0.2
24.03.2023	0.8	3.7	-3.1	0	0.2
28.03.2023	0.8	3.7	-3.2	0	0.2
29.03.2023	0.8	3.6	-3	0	0.2
30.03.2023	0.8	3.8	-3.2	0	0.2
31.03.2023	0.8	3.1	-2.5	0	0.2
04.04.2023	0.8	3.1	-2.5	0	0.2
05.04.2023	0.9	2.9	-2.3	0	0.2
06.04.2023	0.8	3.2	-2.7	0	0.3
12.04.2023	0.8	2.8	-2.3	0	0.2
13.04.2023	0.8	2.9	-2.4	0	0.2
14.04.2023	0.8	3	-2.5	0	0.3
18.04.2023	0.8	2.7	-2.2	0	0.2
19.04.2023	0.8	2.7	-2.2	0	0.2
20.04.2023	0.7	2.4	-1.9	0	0.2
21.04.2023	0.8	2.5	-2	0	0.2
25.04.2023	0.7	2.9	-2.4	0	0.2
26.04.2023	0.7	2.7	-2.2	0	0.2
27.04.2023	0.8	2.8	-2.3	0	0.2
28.04.2023	0.8	3.5	-2.9	0	0.3
03.05.2023	0.8	4.3	-3.8	0	0.3
04.05.2023	0.8	3.5	-3	0	0.2
05.05.2023	0.8	3.4	-2.9	0	0.3
09.05.2023	0.8	3.4	-2.8	0	0.3

10.05.2023	0.7	3.3	-2.9	0	0.3
11.05.2023	0.7	3.4	-3	0	0.2
12.05.2023	0.7	3.2	-2.7	0	0.3
16.05.2023	0.7	3.1	-2.6	0	0.2
17.05.2023	0.7	3.1	-2.7	0	0.3
18.05.2023	0.8	3.3	-2.8	0	0.2
19.05.2023	0.8	3.2	-2.6	0	0.2
23.05.2023	0.8	3.1	-2.6	0	0.3
24.05.2023	0.8	3.2	-2.7	0	0.2
25.05.2023	0.8	3.6	-3.1	0	0.3
26.05.2023	0.7	3.6	-3.1	0	0.3
30.05.2023	0.8	3.4	-2.9	0	0.3
31.05.2023	0.7	3.8	-3.4	0	0.3
01.06.2023	0.8	4.4	-3.9	0	0.3
02.06.2023	0.7	3.8	-3.3	0	0.2
06.06.2023	0.7	3.5	-3.1	0	0.3
07.06.2023	0.7	3.6	-3.1	0	0.2
08.06.2023	0.7	3.7	-3.2	0	0.3
09.06.2023	0.8	3.4	-2.8	0	0.2
13.06.2023	0.8	3.8	-3.2	0	0.2
15.06.2023	0.6	3.6	-3.2	0	0.2
20.06.2023	0.7	4	-3.6	0	0.3
21.06.2023	0.8	4.1	-3.5	0	0.3
22.06.2023	0.6	3.7	-3.3	0	0.3
23.06.2023	0.7	3.8	-3.4	0	0.2
27.06.2023	0.6	3.7	-3.3	0	0.2
28.06.2023	0.8	3.6	-3	0	0.2
29.06.2023	0.7	3.7	-3.2	0	0.2
30.06.2023	0.7	3.7	-3.2	0	0.3
04.07.2023	0.7	3.7	-3.3	0	0.2
05.07.2023	0.7	3.7	-3.3	0	0.3
06.07.2023	0.8	3.7	-3.2	0	0.3
07.07.2023	0.7	3.2	-2.8	0	0.3
11.07.2023	0.7	3.9	-3.5	0	0.3
12.07.2023	0.6	3.6	-3.2	0	0.2
13.07.2023	0.7	3.5	-3	0	0.2
14.07.2023	0.7	3.7	-3.2	0	0.3
18.07.2023	0.7	3.8	-3.4	0	0.3
19.07.2023	0.7	3.9	-3.4	0	0.2

20.07.2023	0.7	3.6	-3.1	0	0.2
21.07.2023	0.8	3.6	-3.1	0	0.2
25.07.2023	0.7	3.7	-3.3	0	0.3
26.07.2023	0.7	3.7	-3.3	0	0.3
27.07.2023	0.7	3.7	-3.3	0	0.3
28.07.2023	0.8	3.1	-2.6	0	0.2
01.08.2023	0.7	3.1	-2.7	0	0.3
02.08.2023	0.7	2.9	-2.4	0	0.3
03.08.2023	0.7	3.2	-2.7	0	0.3
04.08.2023	0.8	3	-2.5	0	0.3
08.08.2023	0.6	3.2	-2.9	0	0.3
09.08.2023	0.7	3.3	-2.9	0	0.3
10.08.2023	0.8	3.3	-2.7	0	0.3
11.08.2023	0.7	3.3	-2.9	0	0.3
15.08.2023	0.7	3.4	-3	0	0.3
16.08.2023	0.6	3.3	-3	0	0.3
17.08.2023	0.7	3.4	-3	0	0.3
18.08.2023	0.7	3.2	-2.8	0	0.3
22.08.2023	0.7	3.3	-2.8	0	0.3
23.08.2023	0.7	3.3	-2.9	0	0.3
24.08.2023	0.6	3.4	-3.1	0	0.3
25.08.2023	0.8	3.6	-3.1	0	0.3
29.08.2023	0.6	3.4	-3	0	0.3
30.08.2023	0.7	3.3	-2.8	0	0.3
31.08.2023	0.7	3.3	-2.9	0	0.3
01.09.2023	0.6	3.1	-2.7	0	0.2
05.09.2023	0.7	3.3	-2.8	0	0.3
06.09.2023	0.7	3.5	-3	0	0.3
07.09.2023	0.7	3.5	-3	0	0.3
08.09.2023	0.6	3.5	-3.1	0	0.3
12.09.2023	0.6	3.4	-3	0	0.3
13.09.2023	0.7	3.6	-3.2	0	0.3
14.09.2023	0.7	3.5	-3.1	0	0.3
15.09.2023	0.8	3.6	-3	0	0.2
19.09.2023	0.8	3.5	-3	0	0.3
20.09.2023	0.6	3.3	-3	0	0.3
21.09.2023	0.8	3.7	-3.1	0	0.3
22.09.2023	0.6	4	-3.8	0	0.3
26.09.2023	0.6	3.3	-2.9	0	0.3

27.09.2023	0.9	3.9	-3.2	0	0.3
28.09.2023	0.9	4	-3.3	0	0.3
29.09.2023	0.6	3.7	-3.3	0	0.3
03.10.2023	1	3.7	-3	0	0.3
04.10.2023	0.6	3.7	-3.3	0	0.3
05.10.2023	0.7	3.7	-3.3	0	0.3
06.10.2023	0.7	3.9	-3.5	0	0.3
10.10.2023	0.7	3.6	-3.2	0	0.3
11.10.2023	0.6	4.1	-3.7	0	0.2
12.10.2023	0.9	3.5	-2.9	0	0.3
13.10.2023	1	3.8	-3.1	0	0.3
17.10.2023	0.6	3.5	-3.1	0	0.3
18.10.2023	0.6	3.6	-3.2	0	0.3
19.10.2023	1	4.1	-3.3	0	0.3
20.10.2023	0.7	3.6	-3.2	0	0.3
24.10.2023	0.8	3.9	-3.4	0	0.3
25.10.2023	0.7	3.6	-3.1	0	0.3
26.10.2023	0.8	3.5	-3	0	0.3
27.10.2023	1.1	3.7	-2.8	0	0.3
31.10.2023	1.1	4	-3.2	0	0.3
16.01.2024	0.6	4	-3.6	0	0.3
23.02.2024	0.6	3.9	-3.6	0	0.3
08.05.2024	0.4	3.7	-3.5	0	0.3
02.11.2023	1.1	3.6	-2.9	0	0.3
03.11.2023	1.2	3.5	-2.6	0	0.2
07.11.2023	1	3.9	-3.2	0	0.3
08.11.2023	0.9	3.8	-3.2	0	0.3
09.11.2023	0.9	3.7	-3.1	0	0.3
10.11.2023	1.1	3.7	-2.8	0	0.3
14.11.2023	0.9	3.7	-3.1	0	0.3
15.11.2023	1.1	3.8	-3	0	0.3
16.11.2023	1.1	3.8	-3	0	0.3
17.11.2023	0.9	3.8	-3.2	0	0.3
21.11.2023	0.9	3.7	-3	0	0.3
22.11.2023	0.9	4.1	-3.5	0	0.3
23.11.2023	1	4	-3.3	0	0.3
24.11.2023	0.9	3.7	-3.1	0	0.3
28.11.2023	0.7	4.1	-3.8	0	0.3
29.11.2023	0.7	3.9	-3.4	0	0.3

30.11.2023	0.7	4	-3.6	0	0.3
01.12.2023	0.7	3.8	-3.4	0	0.3
05.12.2023	0.6	3.9	-3.5	0	0.3
06.12.2023	0.6	3.8	-3.4	0	0.3
07.12.2023	0.9	4.5	-3.8	0	0.3
08.12.2023	0.8	3.7	-3.1	0	0.3
12.12.2023	0.8	3.8	-3.2	0	0.3
13.12.2023	0.8	3.8	-3.2	0	0.3
14.12.2023	0.7	3.5	-3.1	0	0.2
15.12.2023	0.9	3.7	-3.1	0	0.3
19.12.2023	0.9	3.7	-3.1	0	0.3
20.12.2023	0.8	3.5	-3	0	0.3
21.12.2023	0.8	3.7	-3.2	0	0.3
22.12.2023	0.8	3.7	-3.1	0	0.3
28.12.2023	0.8	3.7	-3.1	0	0.3
29.12.2023	0.8	3.6	-3.1	0	0.3
03.01.2024	0.8	3.5	-3	0	0.3
04.01.2024	0.8	3.4	-2.9	0	0.3
05.01.2024	0.7	3.6	-3.1	0	0.3
09.01.2024	0.8	3.9	-3.4	0	0.3
10.01.2024	0.9	4.1	-3.4	0	0.3
11.01.2024	0.9	4.2	-3.6	0	0.3
12.01.2024	0.6	3.9	-3.5	0	0.3
17.01.2024	0.7	3.8	-3.4	0	0.3
18.01.2024	0.8	3.9	-3.4	0	0.3
19.01.2024	0.7	4	-3.5	0	0.3
23.01.2024	0.8	4.1	-3.6	0	0.3
24.01.2024	0.7	3.9	-3.4	0	0.3
25.01.2024	0.7	3.7	-3.2	0	0.3
26.01.2024	0.6	4.2	-3.8	0	0.3
30.01.2024	0.6	4.1	-3.7	0	0.3
31.01.2024	0.7	3.7	-3.3	0	0.3
01.02.2024	0.7	3.9	-3.5	0	0.3
02.02.2024	0.7	3.9	-3.4	0	0.3
06.02.2024	0.7	3.9	-3.5	0	0.3
07.02.2024	0.6	3.8	-3.4	0	0.3
08.02.2024	0.7	4.1	-3.7	0	0.3
09.02.2024	0.7	3.6	-3.2	0	0.3
13.02.2024	0.6	3.7	-3.3	0	0.3

14.02.2024	0.7	3.7	-3.3	0	0.3
15.02.2024	0.6	3.5	-3.2	0	0.3
16.02.2024	0.6	3.7	-3.4	0	0.3
20.02.2024	0.7	3.8	-3.4	0	0.3
21.02.2024	0.6	3.9	-3.5	0	0.3
22.02.2024	0.6	4	-3.6	0	0.3
27.02.2024	0.6	3.7	-3.4	0	0.3
28.02.2024	0.6	3.9	-3.6	0	0.3
29.02.2024	0.6	3.8	-3.4	0	0.3
01.03.2024	0.6	3.4	-3.1	0	0.3
05.03.2024	0.6	3.5	-3.2	0	0.3
06.03.2024	0.6	3.7	-3.4	0	0.3
07.03.2024	0.5	3.8	-3.5	0	0.3
08.03.2024	0.5	3.3	-3.1	0	0.3
12.03.2024	0.5	3.6	-3.3	0	0.3
13.03.2024	0.5	3.4	-3.2	0	0.3
14.03.2024	0.5	3.7	-3.5	0	0.3
15.03.2024	0.5	3.7	-3.5	0	0.3
19.03.2024	0.5	3.7	-3.4	0	0.3
20.03.2024	0.5	3.7	-3.5	0	0.2
21.03.2024	0.4	3.8	-3.6	0	0.3
22.03.2024	0.4	3.2	-3.1	0	0.3
26.03.2024	0.4	3.2	-3.1	0	0.3
27.03.2024	0.4	3.3	-3.2	0	0.3
28.03.2024	0.4	3.2	-3.1	0	0.3
03.04.2024	0.4	3.2	-3	0	0.3
04.04.2024	0.4	3	-2.9	0	0.3
05.04.2024	0.4	3.3	-3.1	0	0.3
09.04.2024	0.4	3.4	-3.2	0	0.3
10.04.2024	0.4	3.2	-3	0	0.3
11.04.2024	0.4	3.6	-3.5	0	0.3
12.04.2024	0.5	3	-2.8	0	0.3
16.04.2024	0.5	3	-2.8	0	0.3
17.04.2024	0.5	2.5	-2.3	0	0.3
18.04.2024	0.5	2.9	-2.7	0	0.3
19.04.2024	0.5	2.8	-2.6	0	0.3
23.04.2024	0.5	3.5	-3.3	0	0.3
24.04.2024	0.5	3.6	-3.3	0	0.3
26.04.2024	0.5	3.4	-3.2	0	0.3

30.04.2024	0.5	3.7	-3.5	0	0.3
03.05.2024	0.5	3.7	-3.4	0	0.3
07.05.2024	0.5	3.6	-3.4	0	0.3

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