

# Historical cost data

**ISIN: DE000HC4R618**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
02.03.2023	12.1	11.8	0	0	0.3
07.03.2023	6.9	9.4	-3.1	0	0.5
20.07.2023	2.6	6.5	-4.4	0	0.4
28.07.2023	1.7	4.1	-2.7	0	0.3
31.08.2023	1.3	3.8	-2.8	0	0.2
08.09.2023	1.3	2.7	-1.6	0	0.2
31.10.2023	1.3	3.7	-2.7	0	0.2
08.03.2023	6.2	7.8	-2.1	0	0.5
09.03.2023	3.6	7.1	-4.1	0	0.5
10.03.2023	5.9	8.4	-2.9	0	0.5
14.03.2023	6.7	10.2	-4	0	0.5
15.03.2023	5.3	8.5	-3.6	0	0.4
16.03.2023	3	6.7	-4.2	0	0.4
17.03.2023	2.1	4.3	-2.5	0	0.3
21.03.2023	2.1	5.5	-3.7	0	0.3
22.03.2023	1.8	4	-2.4	0	0.3
23.03.2023	1.4	4.3	-3.1	0	0.2
24.03.2023	1.4	3.8	-2.6	0	0.2
28.03.2023	1.2	3.6	-2.6	0	0.2
29.03.2023	1.3	3.5	-2.4	0	0.2
30.03.2023	1.2	2.9	-1.9	0	0.2
31.03.2023	1.3	1.8	-0.7	0	0.2
04.04.2023	1	2.8	-2	0	0.2
05.04.2023	1	2.9	-2.1	0	0.2
06.04.2023	1.5	2.7	-1.3	0	0.1
12.04.2023	1	2.5	-1.7	0	0.2
13.04.2023	1	2.8	-1.9	0	0.2
14.04.2023	0.9	2	-1.2	0	0.2
18.04.2023	0.9	1.8	-1	0	0.2
19.04.2023	0.9	2.3	-1.5	0	0.1
20.04.2023	0.8	1.8	-1.2	0	0.1

21.04.2023	0.8	1.6	-1	0	0.1
25.04.2023	0.7	2.2	-1.7	0	0.1
26.04.2023	0.7	1.8	-1.2	0	0.1
27.04.2023	0.7	1.6	-1	0	0.1
28.04.2023	0.7	1.4	-0.8	0	0.1
03.05.2023	0.7	1.7	-1.1	0	0.1
04.05.2023	0.7	1.2	-0.7	0	0.1
05.05.2023	0.7	1.1	-0.5	0	0.1
09.05.2023	0.7	1.6	-1	0	0.1
10.05.2023	0.7	2.1	-1.5	0	0.1
11.05.2023	0.8	1.7	-1.1	0	0.1
12.05.2023	0.7	2	-1.4	0	0.1
16.05.2023	0.7	1.8	-1.2	0	0.1
17.05.2023	0.7	1.7	-1.1	0	0.1
18.05.2023	0.7	1.8	-1.2	0	0.1
19.05.2023	0.7	1.3	-0.7	0	0.1
23.05.2023	0.7	1.8	-1.3	0	0.1
24.05.2023	0.7	1.8	-1.2	0	0.1
25.05.2023	0.9	2	-1.2	0	0.2
26.05.2023	0.9	2	-1.3	0	0.1
30.05.2023	0.8	1.5	-0.8	0	0.1
31.05.2023	1	2.3	-1.5	0	0.2
01.06.2023	1.2	2.6	-1.6	0	0.2
02.06.2023	1.2	2.8	-1.8	0	0.2
06.06.2023	1.2	3.6	-2.6	0	0.2
07.06.2023	1.2	2.8	-1.8	0	0.2
08.06.2023	1.4	3.4	-2.2	0	0.2
09.06.2023	1.4	3.7	-2.6	0	0.2
13.06.2023	1.3	3.9	-2.8	0	0.2
15.06.2023	1.2	3.5	-2.5	0	0.2
20.06.2023	1.1	3.2	-2.3	0	0.2
21.06.2023	1	2.8	-1.9	0	0.2
22.06.2023	1	2.5	-1.7	0	0.2
23.06.2023	1.2	2.6	-1.7	0	0.2
27.06.2023	1.2	2.6	-1.6	0	0.2
28.06.2023	1.3	3.5	-2.5	0	0.2
29.06.2023	1.2	2.7	-1.6	0	0.2
30.06.2023	1.2	3.2	-2.2	0	0.2
04.07.2023	1.1	2.9	-1.9	0	0.2

05.07.2023	1.2	3.2	-2.2	0	0.2
06.07.2023	1.1	2.5	-1.5	0	0.2
07.07.2023	1.4	2.7	-1.5	0	0.3
11.07.2023	2	4.3	-2.7	0	0.3
12.07.2023	2.1	4.9	-3.2	0	0.4
13.07.2023	2	5.9	-4.2	0	0.3
14.07.2023	1.8	4.3	-2.7	0	0.3
18.07.2023	2	5.2	-3.5	0	0.3
19.07.2023	2.2	5.4	-3.5	0	0.4
21.07.2023	2.9	5.6	-3.2	0	0.5
25.07.2023	2.6	6.9	-4.7	0	0.4
26.07.2023	1.7	3.6	-2.1	0	0.3
27.07.2023	1.8	4	-2.5	0	0.3
01.08.2023	1.6	4.4	-3	0	0.3
02.08.2023	1.8	3.9	-2.4	0	0.3
03.08.2023	2.3	5.2	-3.3	0	0.4
04.08.2023	1.3	3.8	-2.7	0	0.2
08.08.2023	1.6	3.8	-2.5	0	0.3
09.08.2023	1.4	3	-1.9	0	0.2
10.08.2023	1.5	4.1	-2.9	0	0.3
11.08.2023	1.2	2.6	-1.6	0	0.2
15.08.2023	1.2	3	-2	0	0.2
16.08.2023	1.2	3.3	-2.3	0	0.2
17.08.2023	1.3	4.2	-3.1	0	0.2
18.08.2023	1.4	3.7	-2.5	0	0.3
22.08.2023	1.5	3.9	-2.6	0	0.3
23.08.2023	1.6	3.7	-2.4	0	0.3
24.08.2023	1.3	3.9	-2.8	0	0.2
25.08.2023	1.4	3.3	-2.1	0	0.3
29.08.2023	1.3	3.4	-2.3	0	0.2
30.08.2023	1.3	3.1	-2.1	0	0.2
01.09.2023	1.3	3.5	-2.5	0	0.2
05.09.2023	1.2	3.4	-2.4	0	0.2
06.09.2023	1.2	3.1	-2.1	0	0.2
07.09.2023	1.4	3.7	-2.6	0	0.2
12.09.2023	1.1	3.3	-2.3	0	0.2
13.09.2023	1.1	3.4	-2.5	0	0.2
14.09.2023	1.2	3	-2	0	0.2
15.09.2023	1.3	3.3	-2.3	0	0.2

19.09.2023	1.2	3.1	-2.1	0	0.2
20.09.2023	1.1	2.6	-1.7	0	0.2
21.09.2023	0.8	2.2	-1.5	0	0.2
22.09.2023	0.8	1.6	-0.9	0	0.2
26.09.2023	1	2.7	-1.9	0	0.2
27.09.2023	1	2.9	-2.1	0	0.2
28.09.2023	1.3	3.9	-2.8	0	0.2
29.09.2023	1.3	3.2	-2.1	0	0.2
03.10.2023	1.3	3.5	-2.4	0	0.2
04.10.2023	1.4	2.9	-1.8	0	0.3
05.10.2023	1.5	3.5	-2.3	0	0.3
06.10.2023	1.3	2.9	-1.8	0	0.3
10.10.2023	1.4	3.4	-2.3	0	0.3
11.10.2023	1.2	3.4	-2.4	0	0.2
12.10.2023	1.2	2.9	-2	0	0.2
13.10.2023	1.3	4	-2.9	0	0.2
17.10.2023	1.4	3.6	-2.5	0	0.3
18.10.2023	1.3	3.8	-2.7	0	0.3
19.10.2023	1.3	3.9	-2.9	0	0.2
20.10.2023	1.4	4.5	-3.3	0	0.3
24.10.2023	1.3	3.7	-2.6	0	0.2
25.10.2023	1.3	3.8	-2.8	0	0.2
26.10.2023	1.1	3	-2.1	0	0.2
27.10.2023	1.4	3.5	-2.4	0	0.3
07.03.2024	0.8	1.3	-0.7	0	0.2
24.04.2024	0.6	1	-0.6	0	0.1
01.11.2023	1.1	2.6	-1.7	0	0.2
02.11.2023	1	2.1	-1.2	0	0.2
03.11.2023	1	3.2	-2.4	0	0.2
07.11.2023	1.3	3.4	-2.4	0	0.2
08.11.2023	1.3	3.2	-2.1	0	0.2
09.11.2023	1.2	3.6	-2.7	0	0.2
10.11.2023	1.2	3	-2	0	0.2
14.11.2023	1.3	3.6	-2.6	0	0.2
15.11.2023	1	3.1	-2.3	0	0.2
16.11.2023	1.1	2.8	-1.8	0	0.2
17.11.2023	1.1	2.8	-1.9	0	0.2
21.11.2023	1.2	3.6	-2.6	0	0.2
22.11.2023	1	3	-2.1	0	0.2

23.11.2023	0.9	2.3	-1.6	0	0.2
24.11.2023	0.8	2.4	-1.7	0	0.2
28.11.2023	0.8	1.9	-1.3	0	0.2
29.11.2023	0.8	1.8	-1.1	0	0.2
30.11.2023	0.8	1.6	-1	0	0.2
01.12.2023	0.8	2.4	-1.8	0	0.2
05.12.2023	0.7	2.2	-1.6	0	0.1
06.12.2023	0.7	2	-1.4	0	0.1
07.12.2023	0.7	1.8	-1.2	0	0.1
08.12.2023	0.7	1.6	-1.1	0	0.1
12.12.2023	0.6	1.5	-1	0	0.1
13.12.2023	0.6	1.5	-1.1	0	0.1
14.12.2023	0.6	1.3	-0.9	0	0.1
15.12.2023	0.6	1.6	-1.1	0	0.1
19.12.2023	0.6	1.6	-1.1	0	0.1
20.12.2023	0.6	1.5	-1	0	0.1
21.12.2023	0.6	1.3	-0.8	0	0.1
22.12.2023	0.6	1.2	-0.7	0	0.1
28.12.2023	0.6	1.2	-0.7	0	0.1
29.12.2023	0.6	1.3	-0.8	0	0.1
03.01.2024	0.6	1.1	-0.7	0	0.1
04.01.2024	0.6	1.3	-0.8	0	0.1
05.01.2024	0.6	1.4	-0.9	0	0.1
09.01.2024	0.6	1.4	-0.9	0	0.1
10.01.2024	0.5	1.2	-0.7	0	0.1
11.01.2024	0.5	0.8	-0.4	0	0.1
12.01.2024	0.5	0.9	-0.5	0	0.1
16.01.2024	0.6	1.5	-1	0	0.1
17.01.2024	0.6	1.4	-0.9	0	0.1
18.01.2024	0.6	1.3	-0.8	0	0.1
19.01.2024	0.6	1.4	-0.9	0	0.1
23.01.2024	0.6	1.4	-0.9	0	0.1
24.01.2024	0.6	1.5	-1	0	0.1
25.01.2024	0.7	1.6	-1	0	0.1
26.01.2024	0.7	1.4	-0.8	0	0.1
30.01.2024	0.6	1.2	-0.7	0	0.1
31.01.2024	0.6	1.1	-0.6	0	0.1
01.02.2024	0.6	1.4	-1	0	0.1
02.02.2024	0.6	1.3	-0.8	0	0.1

06.02.2024	0.6	1	-0.6	0	0.1
07.02.2024	0.5	1	-0.6	0	0.1
08.02.2024	0.5	1.1	-0.7	0	0.1
09.02.2024	0.5	1.2	-0.8	0	0.1
13.02.2024	0.5	1.3	-0.9	0	0.1
14.02.2024	0.6	1.1	-0.7	0	0.1
15.02.2024	0.6	1.3	-0.9	0	0.1
16.02.2024	0.6	1.4	-1	0	0.1
20.02.2024	0.6	1.5	-1	0	0.1
21.02.2024	0.5	1.2	-0.8	0	0.1
22.02.2024	0.5	0.9	-0.5	0	0.1
23.02.2024	0.5	0.8	-0.4	0	0.1
27.02.2024	0.5	0.8	-0.4	0	0.1
28.02.2024	0.5	0.9	-0.5	0	0.1
29.02.2024	0.6	1.5	-1.1	0	0.1
01.03.2024	0.7	1.3	-0.7	0	0.1
05.03.2024	0.7	1.6	-1	0	0.1
06.03.2024	0.8	1.9	-1.2	0	0.2
08.03.2024	0.7	1.4	-0.8	0	0.1
12.03.2024	0.6	1.5	-1	0	0.1
13.03.2024	0.6	1	-0.5	0	0.1
14.03.2024	0.6	1.2	-0.7	0	0.1
15.03.2024	0.7	1.2	-0.6	0	0.1
19.03.2024	0.7	1.3	-0.7	0	0.1
20.03.2024	0.7	1.4	-0.8	0	0.1
21.03.2024	0.8	1.3	-0.7	0	0.1
22.03.2024	0.8	1.4	-0.8	0	0.1
26.03.2024	0.7	1.7	-1.1	0	0.1
27.03.2024	0.7	1.2	-0.7	0	0.1
28.03.2024	0.6	1.2	-0.7	0	0.1
03.04.2024	0.8	1.2	-0.6	0	0.2
04.04.2024	0.9	1.6	-0.8	0	0.2
05.04.2024	0.9	1.6	-0.9	0	0.2
09.04.2024	1	1.8	-1.1	0	0.2
10.04.2024	1	1.7	-0.9	0	0.2
11.04.2024	1	2.3	-1.5	0	0.2
12.04.2024	0.9	1.5	-0.8	0	0.2
16.04.2024	0.8	2	-1.4	0	0.2
17.04.2024	0.7	1.4	-0.8	0	0.1

18.04.2024	0.7	1.8	-1.3	0	0.1
19.04.2024	0.7	1.3	-0.7	0	0.1
23.04.2024	0.6	1.2	-0.7	0	0.1

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