

# Historical cost data

**ISIN: DE000HC1RA12**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
10.11.2022	6.78	6.56	0	0	0.22
15.11.2022	1.7	1.64	0	0	0.06
02.12.2022	1.36	1.29	0	0	0.07
07.12.2022	1.27	1.19	0	0	0.08
01.03.2023	0.6	0.8	-0.3	0	0
09.05.2023	0.6	1.1	-0.6	0	0
14.07.2023	0.6	1.1	-0.6	0	0
16.11.2022	1.96	1.89	0	0	0.07
17.11.2022	2.3	2.22	0	0	0.08
18.11.2022	2.62	2.54	0	0	0.08
22.11.2022	2.13	2.06	0	0	0.07
23.11.2022	2.54	2.47	0	0	0.07
24.11.2022	2.32	2.25	0	0	0.07
25.11.2022	1.58	1.51	0	0	0.07
29.11.2022	2.53	2.45	0	0	0.08
30.11.2022	1.78	1.71	0	0	0.07
01.12.2022	2.31	2.24	0	0	0.07
06.12.2022	2.18	2.11	0	0	0.07
08.12.2022	3.86	3.77	0	0	0.09
09.12.2022	3.85	3.74	0	0	0.11
13.12.2022	3.12	3.01	0	0	0.11
14.12.2022	2.57	2.48	0	0	0.09
15.12.2022	2.78	2.69	0	0	0.09
16.12.2022	2.81	2.72	0	0	0.09
20.12.2022	3.27	3.18	0	0	0.1
21.12.2022	2.9	2.81	0	0	0.09
22.12.2022	2.99	2.9	0	0	0.09
23.12.2022	2.96	2.84	0	0	0.12
28.12.2022	1.8	4.5	-2.8	0	0.1
29.12.2022	1.8	3.5	-1.9	0	0.1
30.12.2022	1.7	3.7	-2.1	0	0.1

03.01.2023	1.8	3.5	-1.8	0	0.1
04.01.2023	1.4	1.7	-0.5	0	0.1
05.01.2023	1.1	2.2	-1.2	0	0.1
06.01.2023	1	1.8	-0.8	0	0.1
10.01.2023	0.7	1.1	-0.4	0	0
11.01.2023	0.8	1.6	-0.8	0	0.1
12.01.2023	0.8	1.3	-0.5	0	0.1
13.01.2023	0.8	1.2	-0.4	0	0.1
18.01.2023	0.8	5.3	-4.5	0	0.1
19.01.2023	0.9	0.4	0.4	0	0.1
20.01.2023	0.9	1.3	-0.5	0	0.1
23.01.2023	1.1	6.8	-5.8	0	0
24.01.2023	0.7	1.4	-0.7	0	0
25.01.2023	0.7	1.4	-0.8	0	0
26.01.2023	0.7	0.9	-0.2	0	0
27.01.2023	0.7	1.1	-0.4	0	0
31.01.2023	0.7	1.2	-0.5	0	0
01.02.2023	0.7	1.3	-0.6	0	0.1
02.02.2023	0.7	0.7	-0.1	0	0.1
03.02.2023	0.6	1.1	-0.5	0	0
07.02.2023	0.6	0.7	-0.2	0	0
08.02.2023	0.6	0.9	-0.3	0	0
09.02.2023	0.6	1.1	-0.5	0	0
10.02.2023	0.6	1.1	-0.5	0	0
14.02.2023	0.6	0.9	-0.4	0	0
15.02.2023	0.6	1	-0.4	0	0
16.02.2023	0.6	0.8	-0.2	0	0
17.02.2023	0.6	0.9	-0.3	0	0
21.02.2023	0.6	0.8	-0.2	0	0
22.02.2023	0.6	0.8	-0.3	0	0
23.02.2023	0.6	1.1	-0.5	0	0
24.02.2023	1.1	1.2	-0.2	0	0
28.02.2023	0.5	1	-0.5	0	0
02.03.2023	0.5	0.7	-0.2	0	0
03.03.2023	0.6	0.9	-0.4	0	0
07.03.2023	0.5	0.9	-0.4	0	0
08.03.2023	0.6	0.8	-0.3	0	0
09.03.2023	0.6	1.2	-0.7	0	0
10.03.2023	0.6	1.4	-0.8	0	0

14.03.2023	1.4	1	0.4	0	0.1
15.03.2023	0.7	1.4	-0.7	0	0.1
16.03.2023	0.8	2.3	-1.5	0	0.1
17.03.2023	0.8	1.7	-1	0	0.1
21.03.2023	1.6	1.6	0	0	0.1
22.03.2023	0.7	1.4	-0.7	0	0.1
23.03.2023	0.7	1	-0.4	0	0.1
24.03.2023	0.7	1	-0.3	0	0.1
28.03.2023	0.8	1.5	-0.7	0	0.1
29.03.2023	1.4	1.3	0.1	0	0.1
30.03.2023	1.4	1.5	-0.2	0	0.1
31.03.2023	0.7	1.6	-0.9	0	0.1
04.04.2023	1.4	1.9	-0.5	0	0.1
05.04.2023	0.7	1.7	-1	0	0.1
06.04.2023	0.8	1.3	-0.6	0	0.1
12.04.2023	0.8	1.6	-0.9	0	0.1
13.04.2023	0.8	1.5	-0.8	0	0.1
14.04.2023	0.8	1.5	-0.7	0	0.1
18.04.2023	0.7	1.3	-0.6	0	0.1
19.04.2023	0.6	1.7	-1.1	0	0.1
20.04.2023	0.6	1.4	-0.8	0	0.1
21.04.2023	0.7	1.4	-0.7	0	0.1
25.04.2023	0.7	1.6	-1	0	0.1
26.04.2023	0.7	1.8	-1.2	0	0.1
27.04.2023	0.7	1.7	-1	0	0.1
28.04.2023	0.7	1.5	-0.9	0	0.1
03.05.2023	0.7	1.6	-1	0	0.1
04.05.2023	0.6	1.6	-1	0	0.1
05.05.2023	1.2	1.4	-0.3	0	0.1
10.05.2023	0.6	1.6	-1.1	0	0
11.05.2023	0.6	1.4	-0.8	0	0
12.05.2023	0.5	1.4	-0.9	0	0
16.05.2023	0.5	1.2	-0.7	0	0
17.05.2023	0.5	1.1	-0.7	0	0
18.05.2023	0.5	1.3	-0.9	0	0
19.05.2023	0.5	1.2	-0.7	0	0
23.05.2023	0.5	0.9	-0.4	0	0
24.05.2023	0.5	1.1	-0.7	0	0
25.05.2023	0.6	0.9	-0.4	0	0

26.05.2023	0.5	1.3	-0.9	0	0
30.05.2023	0.5	1.3	-0.8	0	0
31.05.2023	0.5	1.4	-0.9	0	0
01.06.2023	0.6	1.7	-1.1	0	0
02.06.2023	0.6	1.3	-0.7	0	0
06.06.2023	0.6	1.7	-1.2	0	0
07.06.2023	0.5	1.1	-0.6	0	0
08.06.2023	0.6	1.6	-1.1	0	0
09.06.2023	0.6	1.4	-0.9	0	0
20.06.2023	0.5	1.2	-0.7	0	0
21.06.2023	0.6	1.4	-0.9	0	0
22.06.2023	0.6	1.2	-0.6	0	0
23.06.2023	0.6	1.8	-1.3	0	0
27.06.2023	0.5	1.6	-1.1	0	0
28.06.2023	0.5	1.2	-0.7	0	0
29.06.2023	0.5	1.2	-0.7	0	0
30.06.2023	0.5	1.1	-0.7	0	0
04.07.2023	0.5	1.2	-0.8	0	0
05.07.2023	0.6	1.3	-0.8	0	0
06.07.2023	0.6	1.4	-0.9	0	0
07.07.2023	0.7	1.7	-1	0	0.1
11.07.2023	0.6	1.2	-0.7	0	0
12.07.2023	0.6	1.2	-0.7	0	0
13.07.2023	0.5	1.3	-0.8	0	0
27.09.2023	0.9	1.9	-1.1	0	0.1
21.12.2023	0.9	2.2	-1.4	0	0.1
01.03.2024	0.7	0.7	-0.1	0	0.1
18.07.2023	0.6	1.5	-1	0	0
19.07.2023	0.6	1.5	-0.9	0	0.1
20.07.2023	0.6	1.8	-1.2	0	0.1
21.07.2023	0.7	1.7	-1.1	0	0.1
25.07.2023	0.7	1.6	-1	0	0.1
26.07.2023	0.6	1.5	-0.9	0	0.1
27.07.2023	0.7	1.7	-1.1	0	0.1
28.07.2023	0.6	1.7	-1.1	0	0
01.08.2023	0.6	1.3	-0.7	0	0.1
02.08.2023	0.6	1.1	-0.5	0	0.1
03.08.2023	0.6	1.7	-1.1	0	0.1
04.08.2023	0.7	1.6	-1	0	0.1

08.08.2023	0.6	1.6	-1.1	0	0.1
09.08.2023	0.7	1.9	-1.2	0	0.1
10.08.2023	0.6	1.6	-1	0	0.1
11.08.2023	0.6	1.5	-1	0	0
15.08.2023	0.6	1.3	-0.8	0	0.1
16.08.2023	0.6	1.5	-1	0	0.1
17.08.2023	0.6	1.4	-0.9	0	0.1
18.08.2023	0.6	1.9	-1.3	0	0.1
22.08.2023	0.7	1.9	-1.3	0	0.1
23.08.2023	0.7	1.5	-0.8	0	0.1
24.08.2023	0.7	1.6	-1	0	0.1
25.08.2023	0.7	1.9	-1.2	0	0.1
29.08.2023	0.7	1.6	-1	0	0.1
30.08.2023	0.7	1.4	-0.8	0	0.1
31.08.2023	0.7	1.8	-1.2	0	0.1
01.09.2023	0.6	1.7	-1.1	0	0.1
05.09.2023	0.6	1.9	-1.3	0	0.1
06.09.2023	0.7	1.6	-0.9	0	0.1
07.09.2023	0.7	2	-1.3	0	0.1
08.09.2023	0.8	2	-1.3	0	0.1
12.09.2023	0.8	1.8	-1.1	0	0.1
13.09.2023	0.8	2.2	-1.5	0	0.1
14.09.2023	0.9	2.4	-1.6	0	0.1
15.09.2023	0.9	1.7	-0.9	0	0.1
19.09.2023	0.9	2.4	-1.6	0	0.1
20.09.2023	0.9	2.1	-1.3	0	0.1
21.09.2023	0.8	2.1	-1.3	0	0.1
22.09.2023	0.9	1.9	-1	0	0.1
26.09.2023	0.9	2.2	-1.4	0	0.1
28.09.2023	0.9	2	-1.2	0	0.1
29.09.2023	0.9	1.9	-1.2	0	0.1
03.10.2023	0.9	2.2	-1.5	0	0.1
04.10.2023	0.9	1.8	-1	0	0.1
05.10.2023	1	2.4	-1.5	0	0.1
06.10.2023	1.3	3	-1.8	0	0.1
10.10.2023	1.3	3.3	-2.1	0	0.1
11.10.2023	1.1	2	-1	0	0.1
12.10.2023	1.1	2.2	-1.2	0	0.1
13.10.2023	1.2	3.2	-2.1	0	0.1

17.10.2023	1.2	3.2	-2.1	0	0.1
18.10.2023	1.4	3.4	-2.1	0	0.1
19.10.2023	1.3	3	-1.8	0	0.1
20.10.2023	1.3	2.6	-1.4	0	0.1
24.10.2023	1.4	3.1	-1.8	0	0.1
25.10.2023	1.4	2.4	-1.1	0	0.1
26.10.2023	1.5	4	-2.5	0	0.1
27.10.2023	1.6	2.6	-1.2	0	0.1
31.10.2023	1.4	3.4	-2.1	0	0.1
01.11.2023	2.1	4.3	-2.5	0	0.2
02.11.2023	2	4.1	-2.3	0	0.2
03.11.2023	1.7	4.2	-2.6	0	0.2
07.11.2023	1.6	3.7	-2.2	0	0.1
08.11.2023	1.6	2.9	-1.5	0	0.1
09.11.2023	1.4	3.5	-2.2	0	0.1
10.11.2023	1.3	2.5	-1.3	0	0.1
14.11.2023	1.5	3.6	-2.3	0	0.1
15.11.2023	1.2	2.9	-1.8	0	0.1
16.11.2023	1.2	2.9	-1.8	0	0.1
17.11.2023	1.3	2.9	-1.8	0	0.1
21.11.2023	1.3	3	-1.8	0	0.1
22.11.2023	1.4	3.8	-2.6	0	0.1
23.11.2023	1.3	3	-1.8	0	0.1
24.11.2023	1.3	3.5	-2.4	0	0.1
28.11.2023	1.2	2.8	-1.6	0	0.1
29.11.2023	1.2	3.4	-2.3	0	0.1
30.11.2023	1	2.9	-2	0	0.1
01.12.2023	1.1	2.7	-1.7	0	0.1
05.12.2023	1.1	2.6	-1.6	0	0.1
06.12.2023	1.1	3.3	-2.3	0	0.1
07.12.2023	1	2.6	-1.7	0	0.1
08.12.2023	1.1	2.5	-1.5	0	0.1
12.12.2023	1.2	3.3	-2.2	0	0.1
13.12.2023	1.3	3.7	-2.5	0	0.1
14.12.2023	1.4	3.8	-2.4	0	0.1
15.12.2023	1.2	3.2	-2.1	0	0.1
19.12.2023	1	3	-2.1	0	0.1
20.12.2023	1	3	-2.1	0	0.1
22.12.2023	0.9	2.5	-1.6	0	0.1

28.12.2023	1	2.4	-1.5	0	0.1
29.12.2023	1	1.9	-1.1	0	0.1
03.01.2024	1	1.6	-0.7	0	0.1
04.01.2024	1.1	2.1	-1.1	0	0.1
05.01.2024	1.1	2.1	-1.1	0	0.1
09.01.2024	1	2.3	-1.4	0	0.1
10.01.2024	1	1.7	-0.8	0	0.1
11.01.2024	1	1.9	-1	0	0.1
12.01.2024	0.9	1.6	-0.7	0	0.1
16.01.2024	1	2	-1.1	0	0.1
17.01.2024	1.1	2.1	-1.2	0	0.1
18.01.2024	1.2	2.3	-1.2	0	0.1
19.01.2024	1.1	1.8	-0.8	0	0.1
23.01.2024	1.3	2.5	-1.4	0	0.1
24.01.2024	1.3	2.7	-1.5	0	0.1
25.01.2024	1.1	1.8	-0.8	0	0.1
26.01.2024	1.2	2.3	-1.2	0	0.1
30.01.2024	1.1	2.1	-1.1	0	0.1
31.01.2024	1.1	2	-1	0	0.1
01.02.2024	1.1	2.3	-1.3	0	0.1
02.02.2024	1.1	2.2	-1.2	0	0.1
06.02.2024	1.1	1.4	-0.4	0	0.1
07.02.2024	1	1.8	-0.9	0	0.1
08.02.2024	1.1	2.7	-1.6	0	0.1
09.02.2024	1.2	2	-1	0	0.1
13.02.2024	1.2	2.3	-1.2	0	0.1
14.02.2024	1.4	2.8	-1.5	0	0.1
15.02.2024	1.3	2.5	-1.3	0	0.1
16.02.2024	1.2	2.8	-1.7	0	0.1
20.02.2024	1	1.8	-0.8	0	0.1
21.02.2024	1.1	2.1	-1.1	0	0.1
22.02.2024	1.1	2	-1.1	0	0.1
23.02.2024	0.7	0.9	-0.3	0	0.1
27.02.2024	0.8	1.2	-0.4	0	0.1
28.02.2024	0.8	0.6	0	0	0.1
29.02.2024	0.7	1.2	-0.5	0	0.1
03.04.2024	0.5	0.7	-0.3	0	0
26.04.2024	0.5	1	-0.5	0	0.1
17.05.2024	0.4	0.4	-0.1	0	0

05.03.2024	0.6	0.7	-0.2	0	0.1
06.03.2024	0.6	0.7	-0.2	0	0.1
07.03.2024	0.6	1.1	-0.5	0	0.1
08.03.2024	0.6	0.5	0	0	0.1
12.03.2024	0.6	0.6	-0.1	0	0.1
13.03.2024	0.5	0.7	-0.2	0	0
14.03.2024	0.6	0.9	-0.4	0	0.1
15.03.2024	0.6	0.8	-0.3	0	0.1
19.03.2024	0.5	0.6	-0.1	0	0.1
20.03.2024	0.5	0.6	-0.1	0	0.1
21.03.2024	0.6	0.8	-0.3	0	0.1
22.03.2024	0.5	0.8	-0.3	0	0.1
26.03.2024	0.5	0.5	0	0	0
27.03.2024	0.5	0.8	-0.3	0	0
28.03.2024	0.5	0.4	0	0	0
04.04.2024	0.5	0.5	-0.1	0	0
05.04.2024	0.5	0.6	-0.1	0	0
09.04.2024	0.5	0.6	-0.1	0	0
10.04.2024	0.5	0.4	0.1	0	0.1
11.04.2024	0.5	0.7	-0.2	0	0.1
12.04.2024	0.5	0.7	-0.2	0	0.1
16.04.2024	0.5	0.7	-0.2	0	0
17.04.2024	0.5	0.7	-0.3	0	0
18.04.2024	0.5	0.6	-0.1	0	0.1
19.04.2024	0.5	0.6	-0.1	0	0
23.04.2024	0.5	0.3	0.1	0	0
24.04.2024	0.5	0.8	-0.3	0	0
30.04.2024	0.5	0.4	0	0	0
03.05.2024	0.5	0.8	-0.3	0	0
07.05.2024	0.5	0.3	0.1	0	0
08.05.2024	0.5	0.6	-0.1	0	0
09.05.2024	0.4	0.3	0	0	0
10.05.2024	0.4	0.2	0.2	0	0
14.05.2024	0.4	0.3	0	0	0
15.05.2024	0.4	0.4	0	0	0
16.05.2024	0.4	0.6	-0.2	0	0



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