

# Historical cost data

**ISIN: DE000HC0ZRL6**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
18.10.2022	10.2	10.04	0	0	0.16
20.10.2022	13.39	13.26	0	0	0.13
02.11.2022	6.87	6.73	0	0	0.14
25.11.2022	1.01	0.98	0	0	0.03
20.06.2023	0.7	1.3	-0.6	0	0
21.10.2022	4.53	4.43	0	0	0.1
25.10.2022	0.07	-0.03	0	0	0.1
26.10.2022	5.03	4.95	0	0	0.08
27.10.2022	4.58	4.5	0	0	0.08
28.10.2022	5.24	5.13	0	0	0.11
01.11.2022	4.92	4.78	0	0	0.14
03.11.2022	5.19	5.05	0	0	0.14
04.11.2022	8.72	8.55	0	0	0.17
08.11.2022	4.18	4.1	0	0	0.08
09.11.2022	2.72	2.66	0	0	0.06
10.11.2022	0.73	0.67	0	0	0.06
11.11.2022	3.17	3.12	0	0	0.05
15.11.2022	1.22	1.18	0	0	0.04
16.11.2022	1.36	1.33	0	0	0.03
17.11.2022	1.02	0.99	0	0	0.03
18.11.2022	1.7	1.66	0	0	0.04
22.11.2022	1.08	1.04	0	0	0.04
23.11.2022	0.99	0.95	0	0	0.04
24.11.2022	1.68	1.64	0	0	0.04
29.11.2022	-0.14	-0.18	0	0	0.04
30.11.2022	1.23	1.19	0	0	0.04
01.12.2022	1.3	1.26	0	0	0.04
02.12.2022	1.84	1.81	0	0	0.03
06.12.2022	1.45	1.41	0	0	0.04
07.12.2022	1.58	1.54	0	0	0.04
08.12.2022	1.42	1.38	0	0	0.04

09.12.2022	0.97	0.93	0	0	0.04
13.12.2022	1.22	1.05	0	0	0.17
14.12.2022	1.04	0.94	0	0	0.11
15.12.2022	1.11	0.87	0	0	0.24
16.12.2022	1.48	1.44	0	0	0.04
20.12.2022	2.16	2.11	0	0	0.05
21.12.2022	1.55	1.5	0	0	0.05
22.12.2022	1.72	1.67	0	0	0.05
23.12.2022	1.84	1.79	0	0	0.06
28.12.2022	1.8	2.2	-0.4	0	0.1
29.12.2022	2	2.1	-0.3	0	0.1
30.12.2022	1.7	2.7	-1.1	0	0.1
03.01.2023	1.7	2.8	-1.2	0	0.1
04.01.2023	1.6	2.7	-1.1	0	0.1
05.01.2023	1.4	2	-0.6	0	0.1
06.01.2023	1.5	2.1	-0.7	0	0.1
10.01.2023	1.2	1.1	0	0	0
11.01.2023	1.3	1.8	-0.6	0	0
12.01.2023	1.3	1.8	-0.5	0	0
13.01.2023	1.2	1.7	-0.5	0	0
18.01.2023	1.1	4.6	-3.5	0	0
19.01.2023	1.2	0.6	0.6	0	0
20.01.2023	1.2	1.8	-0.6	0	0
24.01.2023	1.1	2.2	-1.1	0	0
25.01.2023	1.2	1.9	-0.8	0	0
26.01.2023	1.1	1.5	-0.4	0	0
27.01.2023	1	1.4	-0.5	0	0
31.01.2023	1	1	0	0	0
01.02.2023	1	1.7	-0.7	0	0
02.02.2023	1	1.2	-0.3	0	0
03.02.2023	0.8	0.9	-0.1	0	0
07.02.2023	0.8	0.9	-0.1	0	0
08.02.2023	0.8	0.8	0	0	0
09.02.2023	0.8	1.5	-0.8	0	0
10.02.2023	0.8	1.3	-0.6	0	0
14.02.2023	0.8	1.2	-0.5	0	0
15.02.2023	0.8	1.3	-0.6	0	0
16.02.2023	0.8	0.7	0.1	0	0
17.02.2023	0.8	0.9	-0.1	0	0

21.02.2023	0.9	0.9	-0.1	0	0
22.02.2023	0.9	1.7	-0.8	0	0
23.02.2023	0.9	1.6	-0.7	0	0
24.02.2023	0.9	0.8	0	0	0
28.02.2023	0.9	1.1	-0.2	0	0
01.03.2023	1	1.5	-0.6	0	0
02.03.2023	0.9	1.5	-0.6	0	0
03.03.2023	1	1.4	-0.5	0	0
07.03.2023	0.9	1.2	-0.4	0	0
08.03.2023	0.9	0.8	0.1	0	0
09.03.2023	0.8	0.9	-0.1	0	0
10.03.2023	0.8	1	-0.3	0	0
14.03.2023	0.9	1	-0.1	0	0
15.03.2023	0.9	1.2	-0.4	0	0
16.03.2023	1	1.8	-0.9	0	0
17.03.2023	0.9	1	-0.1	0	0
21.03.2023	0.9	1.3	-0.4	0	0
22.03.2023	0.9	0.9	0	0	0
23.03.2023	0.8	1.4	-0.6	0	0
24.03.2023	0.8	0.9	-0.2	0	0
28.03.2023	0.9	1.3	-0.4	0	0
29.03.2023	1	1	-0.1	0	0
30.03.2023	0.8	1.1	-0.3	0	0
31.03.2023	0.7	0.7	-0.1	0	0
04.04.2023	0.7	1	-0.3	0	0
05.04.2023	0.8	1.3	-0.6	0	0
06.04.2023	0.8	0.9	-0.1	0	0
12.04.2023	0.8	1.5	-0.7	0	0
13.04.2023	0.8	0.9	-0.1	0	0
14.04.2023	0.8	1.1	-0.4	0	0
18.04.2023	0.8	0.5	0.2	0	0
19.04.2023	0.8	1.1	-0.4	0	0
20.04.2023	0.8	1	-0.2	0	0
21.04.2023	0.9	1.5	-0.6	0	0
25.04.2023	0.9	0.9	0	0	0
26.04.2023	0.9	1.1	-0.2	0	0
27.04.2023	1	1.6	-0.7	0	0
28.04.2023	1.1	1.1	0	0	0
03.05.2023	1	1.8	-0.9	0	0

04.05.2023	1	1.7	-0.7	0	0
05.05.2023	1.1	0.6	0.4	0	0
09.05.2023	1	1.4	-0.4	0	0
10.05.2023	1	1.9	-0.9	0	0
11.05.2023	1	0.9	0.1	0	0
12.05.2023	1	1.7	-0.7	0	0
16.05.2023	1	1.5	-0.6	0	0
17.05.2023	0.9	1.5	-0.6	0	0
18.05.2023	0.9	1	-0.1	0	0
19.05.2023	0.8	0.7	0.1	0	0
23.05.2023	0.8	1.3	-0.6	0	0
24.05.2023	0.8	1.4	-0.6	0	0
25.05.2023	1	0.5	0.4	0	0
26.05.2023	1	1.3	-0.3	0	0
30.05.2023	0.9	1	-0.2	0	0
31.05.2023	0.9	1.3	-0.4	0	0
01.06.2023	0.9	0.8	0	0	0
02.06.2023	0.9	1.1	-0.3	0	0
06.06.2023	0.9	0.8	0	0	0
07.06.2023	0.8	1.5	-0.7	0	0
08.06.2023	0.8	1.4	-0.7	0	0
09.06.2023	0.8	0.8	-0.1	0	0
16.08.2023	1.1	2	-0.9	0	0.1
20.10.2023	1.6	2.2	-0.6	0	0.1
08.11.2023	1.8	2.8	-1.1	0	0.1
15.11.2023	1.6	2.3	-0.8	0	0.1
08.02.2024	1.4	1.2	0.1	0	0.1
21.06.2023	0.7	1.1	-0.3	0	0
22.06.2023	0.8	1	-0.3	0	0
23.06.2023	0.8	0.9	-0.2	0	0
27.06.2023	0.8	0.9	-0.1	0	0
28.06.2023	0.9	1.2	-0.4	0	0
29.06.2023	0.8	1.3	-0.5	0	0
30.06.2023	0.8	1	-0.2	0	0
04.07.2023	0.7	1.1	-0.3	0	0
05.07.2023	0.7	1.1	-0.4	0	0
06.07.2023	0.8	1.1	-0.4	0	0
07.07.2023	0.9	1.3	-0.4	0	0
11.07.2023	0.8	0.8	0	0	0

12.07.2023	0.8	1.2	-0.5	0	0
13.07.2023	0.7	0.7	0	0	0
14.07.2023	0.7	0.8	-0.1	0	0
18.07.2023	0.7	1.3	-0.6	0	0
19.07.2023	0.7	0.9	-0.2	0	0
20.07.2023	0.7	1.1	-0.4	0	0
21.07.2023	0.8	1.2	-0.5	0	0
25.07.2023	0.8	1.5	-0.8	0	0
26.07.2023	0.8	1.1	-0.4	0	0
27.07.2023	0.8	1.1	-0.3	0	0
28.07.2023	0.7	1	-0.4	0	0
01.08.2023	0.6	1	-0.4	0	0
02.08.2023	0.6	0.9	-0.3	0	0
03.08.2023	0.7	1.2	-0.5	0	0
04.08.2023	1	1.7	-0.8	0	0
08.08.2023	0.9	1.5	-0.6	0	0
09.08.2023	1	1.4	-0.4	0	0
10.08.2023	1	1.2	-0.3	0	0
11.08.2023	0.9	1.1	-0.2	0	0
15.08.2023	1	1.2	-0.2	0	0
17.08.2023	1.1	1.9	-0.9	0	0
18.08.2023	1.2	1.4	-0.2	0	0.1
22.08.2023	1.2	1.8	-0.6	0	0.1
23.08.2023	1.1	1.5	-0.5	0	0.1
24.08.2023	1.1	1.7	-0.7	0	0.1
25.08.2023	1.2	1.5	-0.3	0	0.1
29.08.2023	1.2	1.4	-0.3	0	0.1
30.08.2023	1.1	1.6	-0.6	0	0
31.08.2023	1.1	1.3	-0.3	0	0.1
01.09.2023	1.1	1.4	-0.3	0	0
05.09.2023	1.1	1.9	-0.9	0	0
06.09.2023	1.1	1.8	-0.7	0	0.1
07.09.2023	1.1	1.5	-0.4	0	0.1
08.09.2023	1.2	1.8	-0.6	0	0.1
12.09.2023	1.2	1.5	-0.3	0	0.1
13.09.2023	1.2	2	-0.9	0	0.1
14.09.2023	1.2	1.3	-0.2	0	0.1
15.09.2023	1.1	2.1	-1	0	0.1
19.09.2023	1.4	2	-0.7	0	0.1

20.09.2023	1.4	1.5	-0.2	0	0.1
21.09.2023	1.3	1.8	-0.5	0	0.1
22.09.2023	1.3	1.2	0.1	0	0.1
26.09.2023	1.5	2.5	-1.1	0	0.1
27.09.2023	1.5	1.6	-0.2	0	0.1
28.09.2023	1.5	2.9	-1.5	0	0.1
29.09.2023	1.4	1.8	-0.5	0	0.1
03.10.2023	1.4	1.9	-0.6	0	0.1
04.10.2023	1.4	2.5	-1.1	0	0.1
05.10.2023	1.2	2.1	-1	0	0.1
06.10.2023	1.2	1.6	-0.4	0	0.1
10.10.2023	1.3	2.1	-0.9	0	0.1
11.10.2023	1.1	1.4	-0.3	0	0.1
12.10.2023	1.2	1.1	0	0	0.1
13.10.2023	1.1	1.3	-0.2	0	0.1
17.10.2023	1.3	2.1	-0.9	0	0.1
18.10.2023	1.3	1.4	-0.1	0	0.1
19.10.2023	1.4	2.3	-0.9	0	0.1
24.10.2023	2	3.7	-1.8	0	0.1
25.10.2023	1.9	1.7	0.1	0	0.1
26.10.2023	2.1	3.9	-1.9	0	0.1
27.10.2023	1.8	1.8	-0.1	0	0.1
31.10.2023	2.9	5.9	-3.1	0	0.1
01.11.2023	2.9	3.1	-0.4	0	0.1
02.11.2023	2.8	4.7	-2	0	0.1
03.11.2023	2.2	3.4	-1.2	0	0.1
07.11.2023	2	3.1	-1.2	0	0.1
09.11.2023	1.9	3.4	-1.6	0	0.1
10.11.2023	1.8	2.4	-0.6	0	0.1
14.11.2023	1.9	1.9	-0.2	0	0.1
16.11.2023	1.1	2.2	-1.2	0	0.1
17.11.2023	1	1.4	-0.4	0	0
21.11.2023	1.1	2.1	-1.1	0	0.1
22.11.2023	1.1	2.6	-1.6	0	0.1
23.11.2023	1.1	1.9	-0.9	0	0.1
24.11.2023	1.1	2.4	-1.4	0	0.1
28.11.2023	1.1	2.4	-1.3	0	0.1
29.11.2023	1	1.6	-0.7	0	0
30.11.2023	0.9	1.6	-0.7	0	0

01.12.2023	0.9	1.3	-0.4	0	0
05.12.2023	0.9	1.9	-1	0	0
06.12.2023	0.9	1.8	-0.9	0	0
07.12.2023	0.8	2	-1.2	0	0
08.12.2023	0.8	1.3	-0.5	0	0
12.12.2023	0.8	2	-1.2	0	0
13.12.2023	0.8	1.3	-0.5	0	0
14.12.2023	0.8	1.9	-1.1	0	0
15.12.2023	0.7	1.4	-0.7	0	0
19.12.2023	0.8	1.3	-0.6	0	0
20.12.2023	0.7	1.3	-0.6	0	0
21.12.2023	0.8	1.5	-0.8	0	0
22.12.2023	0.8	1.6	-0.8	0	0
28.12.2023	0.8	1.4	-0.7	0	0
29.12.2023	0.8	1.2	-0.5	0	0
03.01.2024	0.8	1.2	-0.4	0	0
04.01.2024	0.9	2	-1.1	0	0
05.01.2024	1	1.7	-0.8	0	0
09.01.2024	0.9	1.5	-0.7	0	0
10.01.2024	1	1.7	-0.8	0	0
11.01.2024	1	2.3	-1.4	0	0
12.01.2024	1	2	-1	0	0
16.01.2024	1.1	1.5	-0.5	0	0.1
17.01.2024	1.1	1.8	-0.8	0	0.1
18.01.2024	1.3	1	0.2	0	0.1
19.01.2024	1.1	0.6	0.4	0	0.1
23.01.2024	1	0.8	0.2	0	0
24.01.2024	1	1.3	-0.3	0	0
25.01.2024	1	0.6	0.3	0	0
26.01.2024	1	1.2	-0.3	0	0
30.01.2024	1.1	0.8	0.3	0	0.1
31.01.2024	1.1	1.1	-0.1	0	0.1
01.02.2024	1.1	1.6	-0.5	0	0.1
02.02.2024	1.1	1.5	-0.4	0	0.1
06.02.2024	1	0.5	0.5	0	0.1
07.02.2024	1.1	1.8	-0.7	0	0.1
19.03.2024	1.3	2.2	-0.9	0	0.1
04.04.2024	1.4	1.8	-0.4	0	0.1
16.04.2024	1.3	1.9	-0.6	0	0.1

10.05.2024	0.9	0.4	0.4	0	0
09.02.2024	1.2	1.9	-0.8	0	0.1
13.02.2024	1.1	0.9	0.1	0	0.1
14.02.2024	1.3	2.1	-0.9	0	0.1
15.02.2024	1.2	1.6	-0.4	0	0.1
16.02.2024	1.1	1.3	-0.2	0	0.1
20.02.2024	1.2	1.4	-0.3	0	0.1
21.02.2024	1.3	1.9	-0.6	0	0.1
22.02.2024	1.2	1.6	-0.5	0	0.1
23.02.2024	1.1	1.6	-0.5	0	0.1
27.02.2024	1.1	1.9	-0.8	0	0.1
28.02.2024	1	1	0	0	0
29.02.2024	1.2	1.2	-0.1	0	0.1
01.03.2024	1.2	0.8	0.3	0	0.1
05.03.2024	1.1	1.6	-0.6	0	0.1
06.03.2024	1.2	0.9	0.3	0	0.1
07.03.2024	1.1	0.7	0.3	0	0.1
08.03.2024	1	0.6	0.4	0	0
12.03.2024	1.1	1.6	-0.5	0	0.1
13.03.2024	1	0.5	0.4	0	0
14.03.2024	1	1	-0.1	0	0
15.03.2024	1.1	0.8	0.3	0	0.1
20.03.2024	1.5	2.2	-0.8	0	0.1
21.03.2024	1.6	1.7	-0.2	0	0.1
22.03.2024	1.4	0.9	0.4	0	0.1
26.03.2024	1.6	2.4	-0.9	0	0.1
27.03.2024	1.5	1.9	-0.5	0	0.1
28.03.2024	1.5	1.6	-0.2	0	0.1
03.04.2024	1.6	1.9	-0.4	0	0.1
05.04.2024	1.4	1.6	-0.2	0	0.1
09.04.2024	1.3	1.1	0.1	0	0.1
10.04.2024	1.2	1.5	-0.4	0	0.1
11.04.2024	1.1	1	0	0	0.1
12.04.2024	1.3	1	0.2	0	0.1
17.04.2024	1.4	0.9	0.5	0	0.1
18.04.2024	1.5	1.2	0.2	0	0.1
19.04.2024	1.6	1.9	-0.3	0	0.1
23.04.2024	1.9	2.1	-0.2	0	0.1
24.04.2024	2	2.1	-0.2	0	0.1



26.04.2024	1.3	1	0.2	0	0.1
30.04.2024	1.3	1.9	-0.7	0	0.1
03.05.2024	1.5	2	-0.6	0	0.1
07.05.2024	1.4	1.8	-0.5	0	0.1
08.05.2024	0.9	0.9	0	0	0
09.05.2024	0.9	0.5	0.4	0	0

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