

# Historical cost data

**ISIN: DE000HC0ZD28**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
18.10.2022	5.64	5.56	0	0	0.08
20.10.2022	7.58	7.5	0	0	0.08
25.10.2022	3.35	3.29	0	0	0.06
21.12.2022	2.55	2.5	0	0	0.04
13.06.2023	1.2	1.9	-0.8	0	0.1
21.10.2022	4.9	4.83	0	0	0.07
26.10.2022	4.2	4.15	0	0	0.05
27.10.2022	4.06	4	0	0	0.06
28.10.2022	2.65	2.6	0	0	0.05
01.11.2022	4.6	4.55	0	0	0.05
02.11.2022	3.34	3.29	0	0	0.05
03.11.2022	4.52	4.46	0	0	0.06
04.11.2022	3.9	3.84	0	0	0.06
08.11.2022	3.22	3.16	0	0	0.06
09.11.2022	3.49	3.44	0	0	0.05
10.11.2022	2.64	2.59	0	0	0.05
11.11.2022	2.56	2.52	0	0	0.04
15.11.2022	2.65	2.61	0	0	0.04
16.11.2022	1.76	1.72	0	0	0.04
17.11.2022	3.36	3.32	0	0	0.04
18.11.2022	3.27	3.22	0	0	0.05
22.11.2022	2.34	2.3	0	0	0.04
23.11.2022	2.89	2.85	0	0	0.04
24.11.2022	1.59	1.55	0	0	0.04
25.11.2022	1.84	1.8	0	0	0.04
29.11.2022	2.23	2.19	0	0	0.04
30.11.2022	1.79	1.75	0	0	0.04
01.12.2022	2.55	2.51	0	0	0.04
02.12.2022	1.95	1.91	0	0	0.04
06.12.2022	2.21	2.17	0	0	0.04
07.12.2022	1.89	1.85	0	0	0.04

08.12.2022	3.05	3.01	0	0	0.04
09.12.2022	1.84	1.8	0	0	0.04
13.12.2022	1.85	1.81	0	0	0.04
14.12.2022	2.22	2.18	0	0	0.04
15.12.2022	2.86	2.82	0	0	0.04
16.12.2022	2.57	2.53	0	0	0.04
20.12.2022	3.12	3.08	0	0	0.05
22.12.2022	2.38	2.34	0	0	0.04
23.12.2022	2.55	2.51	0	0	0.04
28.12.2022	1.3	2.9	-1.7	0	0
29.12.2022	1.3	2.6	-1.3	0	0
30.12.2022	1.3	2	-0.8	0	0
03.01.2023	1.3	2.7	-1.4	0	0
04.01.2023	1.2	1.9	-0.7	0	0
05.01.2023	1.1	2	-0.9	0	0
06.01.2023	1.2	1.9	-0.8	0	0
10.01.2023	1.1	1.7	-0.7	0	0
11.01.2023	1.1	2.3	-1.3	0	0
12.01.2023	1	1.7	-0.7	0	0
13.01.2023	1	1.5	-0.6	0	0
18.01.2023	1	2.8	-1.9	0	0
19.01.2023	1	0.5	0.5	0	0
20.01.2023	1	1.6	-0.6	0	0
24.01.2023	1	1.8	-0.9	0	0
25.01.2023	1	1.3	-0.4	0	0
26.01.2023	1	2.1	-1.1	0	0
27.01.2023	0.9	1.3	-0.4	0	0
31.01.2023	1	1.9	-0.9	0	0
01.02.2023	1	1.4	-0.4	0	0
02.02.2023	1	1.6	-0.6	0	0
03.02.2023	1.1	2.6	-1.6	0	0
07.02.2023	1.1	2	-0.9	0	0
08.02.2023	1.2	1.7	-0.6	0	0
09.02.2023	1.1	1.7	-0.6	0	0
10.02.2023	1.2	2.2	-1.1	0	0
14.02.2023	1.2	1.7	-0.6	0	0
15.02.2023	1.2	2	-0.9	0	0
16.02.2023	1.2	1.4	-0.2	0	0
17.02.2023	1.2	1.7	-0.5	0	0

21.02.2023	1.2	1.4	-0.2	0	0
22.02.2023	1.2	2	-0.8	0	0
23.02.2023	1.4	2.6	-1.3	0	0
24.02.2023	1.3	1.1	0.1	0	0
28.02.2023	1.3	1.4	-0.1	0	0
01.03.2023	1.2	2.3	-1.1	0	0
02.03.2023	1.2	2.1	-0.9	0	0
03.03.2023	1.3	2.4	-1.2	0	0
07.03.2023	1.2	1.8	-0.6	0	0
08.03.2023	1.3	2.4	-1.2	0	0
09.03.2023	1.3	1.5	-0.3	0	0
10.03.2023	1.3	2.6	-1.3	0	0
14.03.2023	1.7	1.6	0	0	0.1
15.03.2023	1.6	2.5	-1	0	0.1
16.03.2023	1.9	3.7	-1.9	0	0.1
17.03.2023	3.7	3.8	-0.2	0	0.1
21.03.2023	2.2	3.5	-1.4	0	0.1
22.03.2023	1.7	2.9	-1.2	0	0.1
23.03.2023	1.8	2.7	-1	0	0.1
24.03.2023	1.8	2.1	-0.4	0	0.1
28.03.2023	2.1	4.6	-2.6	0	0.1
29.03.2023	2.1	3.6	-1.6	0	0.1
30.03.2023	2	2.4	-0.5	0	0.1
31.03.2023	1.8	1.6	0.2	0	0.1
04.04.2023	1.8	3.9	-2.1	0	0.1
05.04.2023	1.8	4	-2.2	0	0.1
06.04.2023	1.8	3	-1.3	0	0.1
12.04.2023	1.5	3.4	-2	0	0.1
13.04.2023	1.5	2.9	-1.4	0	0.1
14.04.2023	1.4	2.3	-0.9	0	0.1
18.04.2023	1.4	2.7	-1.4	0	0.1
19.04.2023	1.4	2.7	-1.4	0	0.1
20.04.2023	1.3	2	-0.7	0	0.1
21.04.2023	1.4	2.3	-1	0	0.1
25.04.2023	1.3	1.7	-0.5	0	0.1
26.04.2023	1.4	2.6	-1.3	0	0.1
27.04.2023	1.4	2.5	-1.1	0	0.1
28.04.2023	1.5	3.3	-1.9	0	0.1
03.05.2023	1.5	2.8	-1.3	0	0.1

04.05.2023	1.6	2.7	-1.1	0	0.1
05.05.2023	1.7	1.6	0	0	0.1
09.05.2023	1.4	2.9	-1.5	0	0.1
10.05.2023	1.5	2.8	-1.4	0	0.1
11.05.2023	1.5	2.6	-1.2	0	0.1
12.05.2023	1.5	2.9	-1.5	0	0.1
16.05.2023	1.4	2.2	-0.9	0	0.1
17.05.2023	1.4	2.7	-1.4	0	0.1
18.05.2023	1.4	3.1	-1.8	0	0.1
19.05.2023	1.3	1.8	-0.5	0	0.1
23.05.2023	1.3	1.9	-0.7	0	0.1
24.05.2023	1.2	2.4	-1.2	0	0.1
25.05.2023	1.5	3.2	-1.8	0	0.1
26.05.2023	1.4	2.6	-1.2	0	0.1
30.05.2023	1.3	3.1	-1.9	0	0.1
31.05.2023	1.3	3.4	-2.2	0	0.1
01.06.2023	1.4	3.7	-2.3	0	0.1
02.06.2023	1.3	2.6	-1.3	0	0.1
06.06.2023	1.3	2.3	-1.1	0	0.1
07.06.2023	1.2	2.4	-1.2	0	0.1
08.06.2023	1.2	2.2	-1	0	0.1
09.06.2023	1.2	2.4	-1.3	0	0.1
17.08.2023	1	2.4	-1.4	0	0
05.12.2023	1.1	3	-1.9	0	0
02.02.2024	0.8	1.4	-0.7	0	0
20.06.2023	1.4	3.4	-2.1	0	0.1
21.06.2023	1.5	2.4	-0.9	0	0.1
22.06.2023	1.5	3.8	-2.4	0	0.1
23.06.2023	1.5	2.8	-1.3	0	0.1
27.06.2023	1.7	3.8	-2.1	0	0.1
28.06.2023	1.7	3.2	-1.5	0	0.1
29.06.2023	1.6	2.4	-0.9	0	0.1
30.06.2023	1.5	2.9	-1.5	0	0.1
04.07.2023	1.5	3.1	-1.7	0	0.1
05.07.2023	1.5	2.4	-0.9	0	0.1
06.07.2023	1.6	3.4	-1.9	0	0.1
07.07.2023	1.8	3.6	-1.9	0	0.1
11.07.2023	1.7	3.4	-1.8	0	0.1
12.07.2023	1.6	3.9	-2.3	0	0.1

13.07.2023	1.5	2.6	-1.1	0	0.1
14.07.2023	1.5	2.4	-1	0	0.1
18.07.2023	1.5	3.7	-2.2	0	0.1
19.07.2023	1.4	2.8	-1.4	0	0.1
20.07.2023	1.4	2.7	-1.4	0	0.1
21.07.2023	1.3	2.6	-1.3	0	0.1
25.07.2023	1.3	2.6	-1.3	0	0.1
26.07.2023	1.3	2.3	-1.1	0	0.1
27.07.2023	1.1	2.3	-1.3	0	0
28.07.2023	1	1.9	-1	0	0
01.08.2023	1	1.9	-0.9	0	0
02.08.2023	1	1.4	-0.5	0	0
03.08.2023	1.1	1.9	-0.9	0	0
04.08.2023	1.1	2.1	-1.1	0	0
08.08.2023	1	2.3	-1.3	0	0
09.08.2023	1	2.7	-1.7	0	0
10.08.2023	1	2	-1	0	0
11.08.2023	1	1.9	-1	0	0
15.08.2023	1	2.1	-1.2	0	0
16.08.2023	1	2.4	-1.4	0	0
18.08.2023	1	2.1	-1.1	0	0
22.08.2023	1	1.7	-0.7	0	0
23.08.2023	1	1.7	-0.7	0	0
24.08.2023	1	2.3	-1.4	0	0
25.08.2023	1	1.8	-0.8	0	0
29.08.2023	1	2.3	-1.4	0	0
30.08.2023	1	2	-1	0	0
31.08.2023	1	1.3	-0.3	0	0
01.09.2023	1	1.9	-0.9	0	0
05.09.2023	1	2.2	-1.3	0	0
06.09.2023	1	1.9	-1	0	0
07.09.2023	1	2.3	-1.3	0	0
08.09.2023	1	1.6	-0.6	0	0
12.09.2023	1	2.3	-1.3	0	0
13.09.2023	1	1.8	-0.8	0	0
14.09.2023	0.9	1.8	-0.9	0	0
15.09.2023	1	1.8	-0.9	0	0
19.09.2023	1	2.2	-1.3	0	0
20.09.2023	1	1.7	-0.8	0	0

21.09.2023	0.9	2	-1.2	0	0
22.09.2023	1	2	-1.1	0	0
26.09.2023	1	1.5	-0.5	0	0
27.09.2023	1	1.5	-0.5	0	0
28.09.2023	1.1	1.8	-0.8	0	0
29.09.2023	1	2	-1	0	0
03.10.2023	1.1	1.6	-0.6	0	0
04.10.2023	1.1	1.5	-0.5	0	0
05.10.2023	1.1	2.1	-1	0	0
06.10.2023	1.1	1.6	-0.6	0	0
10.10.2023	1.1	2.3	-1.2	0	0
11.10.2023	1.1	2.1	-1	0	0
12.10.2023	1.1	2.1	-1.1	0	0
13.10.2023	1.1	2.3	-1.3	0	0
17.10.2023	1.2	2.5	-1.4	0	0.1
18.10.2023	1.2	2.3	-1.2	0	0
19.10.2023	1.2	2.1	-0.9	0	0.1
20.10.2023	1.3	1.5	-0.2	0	0.1
24.10.2023	1.5	1.7	-0.3	0	0.1
25.10.2023	1.5	2.4	-0.9	0	0.1
26.10.2023	1.9	3.7	-1.9	0	0.1
27.10.2023	1.9	3.1	-1.3	0	0.1
31.10.2023	1.9	3.5	-1.6	0	0.1
01.11.2023	1.8	3.3	-1.6	0	0.1
02.11.2023	1.7	3.9	-2.2	0	0.1
03.11.2023	1.6	3.1	-1.6	0	0.1
07.11.2023	1.7	2.6	-1	0	0.1
08.11.2023	1.7	3.3	-1.7	0	0.1
09.11.2023	1.6	2.4	-0.8	0	0.1
10.11.2023	1.6	3.8	-2.3	0	0.1
14.11.2023	1.5	2.6	-1.1	0	0.1
15.11.2023	1.4	2.9	-1.6	0	0.1
16.11.2023	1.4	1.9	-0.6	0	0.1
17.11.2023	1.4	2.5	-1.2	0	0.1
21.11.2023	1.3	3.4	-2.2	0	0.1
22.11.2023	1.3	3.5	-2.3	0	0.1
23.11.2023	1.3	3.7	-2.4	0	0.1
24.11.2023	1.3	2.7	-1.5	0	0.1
28.11.2023	1.3	3.3	-2	0	0.1

29.11.2023	1.3	2.8	-1.5	0	0.1
30.11.2023	1.1	2.9	-1.9	0	0
01.12.2023	1.1	3.1	-2	0	0
06.12.2023	1.1	2.9	-1.9	0	0
07.12.2023	1.1	2.9	-1.9	0	0
08.12.2023	1.1	2.4	-1.3	0	0
12.12.2023	1.1	1.5	-0.5	0	0
13.12.2023	1.1	3.2	-2.1	0	0
14.12.2023	1.1	2.4	-1.4	0	0
15.12.2023	1	2.5	-1.5	0	0
19.12.2023	0.9	1.5	-0.7	0	0
20.12.2023	0.9	1.9	-1.1	0	0
21.12.2023	0.8	1.7	-0.9	0	0
22.12.2023	0.8	0.8	0	0	0
28.12.2023	0.8	1.2	-0.4	0	0
29.12.2023	0.8	0.9	-0.1	0	0
03.01.2024	0.8	0.6	0.2	0	0
04.01.2024	0.9	0.7	0.2	0	0
05.01.2024	0.8	0.8	0	0	0
09.01.2024	0.8	0.4	0.3	0	0
10.01.2024	0.8	0.9	-0.2	0	0
11.01.2024	0.7	1.2	-0.5	0	0
12.01.2024	0.8	1.2	-0.4	0	0
16.01.2024	0.8	1	-0.3	0	0
17.01.2024	0.8	0.7	0	0	0
18.01.2024	0.8	1.4	-0.6	0	0
19.01.2024	0.7	1.3	-0.6	0	0
23.01.2024	0.7	1.2	-0.5	0	0
24.01.2024	0.7	0.9	-0.3	0	0
25.01.2024	0.7	0.9	-0.3	0	0
26.01.2024	0.7	1.4	-0.7	0	0
30.01.2024	0.7	0.6	0.1	0	0
31.01.2024	0.7	1	-0.3	0	0
01.02.2024	0.7	1	-0.4	0	0
01.03.2024	0.7	0.5	0.2	0	0
12.03.2024	0.7	0.6	0.1	0	0
23.04.2024	0.6	0.7	-0.2	0	0
06.02.2024	0.8	1.5	-0.7	0	0
07.02.2024	0.8	1.2	-0.5	0	0

08.02.2024	0.8	0.7	0.1	0	0
09.02.2024	0.8	0.6	0.2	0	0
13.02.2024	0.8	1.1	-0.4	0	0
14.02.2024	0.8	0.7	0	0	0
15.02.2024	0.8	0.8	0	0	0
16.02.2024	0.8	1	-0.3	0	0
20.02.2024	0.7	1	-0.3	0	0
21.02.2024	0.7	0.9	-0.2	0	0
22.02.2024	0.7	1	-0.4	0	0
23.02.2024	0.7	1	-0.4	0	0
27.02.2024	0.7	0.7	0	0	0
28.02.2024	0.7	1	-0.3	0	0
29.02.2024	0.7	0.9	-0.2	0	0
05.03.2024	0.7	0.7	-0.1	0	0
06.03.2024	0.7	0.8	-0.1	0	0
07.03.2024	0.7	0.3	0.3	0	0
08.03.2024	0.6	0.9	-0.3	0	0
13.03.2024	0.6	0.4	0.2	0	0
14.03.2024	0.6	0.3	0.3	0	0
15.03.2024	0.7	0.4	0.3	0	0
19.03.2024	0.6	0.4	0.2	0	0
20.03.2024	0.6	0.5	0.1	0	0
21.03.2024	0.6	0.7	-0.1	0	0
22.03.2024	0.6	0.5	0	0	0
26.03.2024	0.6	0.3	0.2	0	0
27.03.2024	0.6	0.5	0.1	0	0
28.03.2024	0.6	0.8	-0.2	0	0
03.04.2024	0.6	0.3	0.3	0	0
04.04.2024	0.6	0.8	-0.2	0	0
05.04.2024	0.6	0.8	-0.2	0	0
09.04.2024	0.6	0.3	0.3	0	0
10.04.2024	0.6	0.6	0	0	0
11.04.2024	0.6	0.6	-0.1	0	0
12.04.2024	0.6	0.8	-0.2	0	0
16.04.2024	0.6	0.4	0.1	0	0
17.04.2024	0.6	0.4	0.2	0	0
18.04.2024	0.6	0.5	0.1	0	0
19.04.2024	0.6	0.8	-0.3	0	0



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