

# Historical cost data

**ISIN: DE000HC0ZNA8**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
18.10.2022	10.44	10.28	0	0	0.16
20.10.2022	11.28	11.12	0	0	0.16
16.12.2022	1.77	1.71	0	0	0.06
18.01.2023	0.5	1	-0.5	0	0
21.02.2023	0.5	0.8	-0.4	0	0
20.06.2023	0.4	0.8	-0.4	0	0
21.10.2022	3.53	3.42	0	0	0.11
25.10.2022	2.19	2.09	0	0	0.1
26.10.2022	4.55	4.44	0	0	0.11
27.10.2022	6.05	5.94	0	0	0.11
28.10.2022	1.67	1.58	0	0	0.09
01.11.2022	3.23	3.14	0	0	0.09
02.11.2022	1.21	1.11	0	0	0.1
03.11.2022	3.9	3.78	0	0	0.12
04.11.2022	6.5	6.29	0	0	0.21
08.11.2022	2.24	2.17	0	0	0.07
09.11.2022	2.11	2.04	0	0	0.07
10.11.2022	-0.26	-0.33	0	0	0.07
11.11.2022	1.47	1.42	0	0	0.05
15.11.2022	1.57	1.53	0	0	0.04
16.11.2022	1.12	1.07	0	0	0.05
17.11.2022	2.01	1.95	0	0	0.06
18.11.2022	2.19	2.12	0	0	0.07
22.11.2022	1.73	1.66	0	0	0.07
23.11.2022	1.51	1.45	0	0	0.06
24.11.2022	2.24	2.17	0	0	0.07
25.11.2022	1.73	1.67	0	0	0.06
29.11.2022	1.33	1.27	0	0	0.06
30.11.2022	1.48	1.42	0	0	0.06
01.12.2022	1.5	1.44	0	0	0.06
02.12.2022	1.56	1.5	0	0	0.06

06.12.2022	2.32	2.25	0	0	0.07
07.12.2022	2.89	2.82	0	0	0.07
08.12.2022	2.17	2.09	0	0	0.08
09.12.2022	2.77	2.7	0	0	0.07
13.12.2022	1.66	1.59	0	0	0.07
14.12.2022	2.21	2.15	0	0	0.06
15.12.2022	2.11	2.05	0	0	0.06
20.12.2022	2.21	2.14	0	0	0.08
21.12.2022	2.52	2.45	0	0	0.08
22.12.2022	2.57	2.5	0	0	0.07
23.12.2022	2.13	2.05	0	0	0.08
28.12.2022	1	1.9	-1	0	0.1
29.12.2022	1.1	1.9	-0.9	0	0.1
30.12.2022	1	1.7	-0.8	0	0.1
03.01.2023	0.9	1.3	-0.5	0	0.1
04.01.2023	0.8	1.6	-0.8	0	0.1
05.01.2023	0.7	1.6	-0.9	0	0
06.01.2023	0.7	1.6	-1	0	0
10.01.2023	0.6	1.4	-0.9	0	0
11.01.2023	0.6	1.1	-0.5	0	0
12.01.2023	0.6	1.1	-0.6	0	0
13.01.2023	0.5	1	-0.5	0	0
19.01.2023	0.6	0.3	0.3	0	0
20.01.2023	0.7	1.4	-0.8	0	0
24.01.2023	0.6	1.7	-1.1	0	0
25.01.2023	0.6	1.4	-0.8	0	0
26.01.2023	0.6	1.3	-0.7	0	0
27.01.2023	0.6	1.5	-0.9	0	0
31.01.2023	0.6	1.1	-0.5	0	0
01.02.2023	0.6	1	-0.5	0	0
02.02.2023	0.6	1.3	-0.7	0	0
03.02.2023	0.5	0.8	-0.3	0	0
07.02.2023	0.5	1.2	-0.7	0	0
08.02.2023	0.5	0.8	-0.3	0	0
09.02.2023	0.4	1	-0.6	0	0
10.02.2023	0.4	0.8	-0.4	0	0
14.02.2023	0.5	1.1	-0.7	0	0
15.02.2023	0.5	0.8	-0.3	0	0
16.02.2023	0.5	0.9	-0.5	0	0

17.02.2023	0.5	0.7	-0.3	0	0
22.02.2023	0.5	1	-0.5	0	0
23.02.2023	0.5	1.1	-0.6	0	0
24.02.2023	0.5	1	-0.6	0	0
28.02.2023	0.5	1.1	-0.6	0	0
01.03.2023	0.5	1	-0.5	0	0
02.03.2023	0.5	1.1	-0.7	0	0
03.03.2023	0.5	1.2	-0.7	0	0
07.03.2023	0.4	0.8	-0.4	0	0
08.03.2023	0.4	0.9	-0.5	0	0
09.03.2023	0.4	0.7	-0.4	0	0
10.03.2023	0.4	0.8	-0.4	0	0
14.03.2023	0.4	0.3	0.1	0	0
15.03.2023	0.5	0.8	-0.4	0	0
16.03.2023	0.5	1.3	-0.8	0	0
17.03.2023	0.5	1.2	-0.7	0	0
21.03.2023	0.6	1.6	-1.1	0	0
22.03.2023	0.6	1.4	-0.9	0	0
23.03.2023	0.5	1.3	-0.8	0	0
24.03.2023	0.6	1.2	-0.7	0	0
28.03.2023	0.6	1	-0.4	0	0
29.03.2023	0.6	0.8	-0.3	0	0
30.03.2023	0.6	1.2	-0.7	0	0
31.03.2023	0.5	0.8	-0.3	0	0
04.04.2023	0.5	0.9	-0.4	0	0
05.04.2023	0.5	1	-0.6	0	0
06.04.2023	0.6	1.3	-0.7	0	0.1
12.04.2023	0.6	0.8	-0.2	0	0
13.04.2023	0.6	1	-0.5	0	0
14.04.2023	0.6	1.4	-0.9	0	0
18.04.2023	0.5	0.8	-0.3	0	0
19.04.2023	0.5	1	-0.5	0	0
20.04.2023	0.5	1.1	-0.6	0	0
21.04.2023	0.6	1.1	-0.6	0	0
25.04.2023	0.6	1.6	-1	0	0
26.04.2023	0.6	1.3	-0.7	0	0.1
27.04.2023	0.7	1.2	-0.6	0	0.1
28.04.2023	0.7	1.3	-0.7	0	0.1
03.05.2023	0.7	1.3	-0.7	0	0.1

04.05.2023	0.6	1.3	-0.7	0	0.1
05.05.2023	0.7	2.2	-1.5	0	0.1
09.05.2023	0.6	1.2	-0.6	0	0.1
10.05.2023	0.6	1.4	-0.8	0	0.1
11.05.2023	0.6	1.4	-0.9	0	0
12.05.2023	0.6	1.3	-0.8	0	0
16.05.2023	0.6	1.1	-0.6	0	0
17.05.2023	0.5	0.8	-0.3	0	0
18.05.2023	0.5	1.2	-0.7	0	0
19.05.2023	0.5	1	-0.6	0	0
23.05.2023	0.5	1	-0.5	0	0
24.05.2023	0.5	1.1	-0.6	0	0
25.05.2023	0.6	1.2	-0.7	0	0
26.05.2023	0.6	1.4	-0.9	0	0
30.05.2023	0.6	1.1	-0.6	0	0
31.05.2023	0.6	1.3	-0.8	0	0
01.06.2023	0.7	1.3	-0.7	0	0.1
02.06.2023	0.7	1.2	-0.6	0	0.1
06.06.2023	0.5	1.2	-0.7	0	0
07.06.2023	0.5	0.8	-0.3	0	0
08.06.2023	0.5	1	-0.6	0	0
09.06.2023	0.5	0.9	-0.5	0	0
13.06.2023	0.5	0.9	-0.4	0	0
14.09.2023	0.6	0.9	-0.4	0	0.1
19.12.2023	0.4	1	-0.6	0	0
06.02.2024	0.4	0.7	-0.3	0	0
21.06.2023	0.5	1.1	-0.7	0	0
22.06.2023	0.5	1	-0.5	0	0
23.06.2023	0.5	0.8	-0.3	0	0
27.06.2023	0.5	1	-0.5	0	0
28.06.2023	0.5	1.2	-0.7	0	0
29.06.2023	0.5	1.1	-0.7	0	0
30.06.2023	0.5	1.3	-0.8	0	0
04.07.2023	0.5	1.3	-0.8	0	0
05.07.2023	0.6	1.3	-0.8	0	0
06.07.2023	0.5	1.1	-0.6	0	0
07.07.2023	0.5	0.9	-0.4	0	0
11.07.2023	0.5	1	-0.5	0	0
12.07.2023	0.5	1.1	-0.6	0	0

13.07.2023	0.5	0.4	0	0	0
14.07.2023	0.5	0.6	-0.2	0	0
18.07.2023	0.5	0.9	-0.4	0	0
19.07.2023	0.5	0.9	-0.5	0	0
20.07.2023	0.4	1	-0.6	0	0
21.07.2023	0.4	0.9	-0.5	0	0
25.07.2023	0.4	1	-0.7	0	0
26.07.2023	0.4	1	-0.6	0	0
27.07.2023	0.4	0.7	-0.3	0	0
28.07.2023	0.4	0.8	-0.4	0	0
01.08.2023	0.4	0.9	-0.6	0	0
02.08.2023	0.4	0.7	-0.3	0	0
03.08.2023	0.4	0.7	-0.3	0	0
04.08.2023	0.5	0.6	-0.2	0	0
08.08.2023	0.4	0.8	-0.4	0	0
09.08.2023	0.5	0.8	-0.4	0	0
10.08.2023	0.5	1	-0.5	0	0
11.08.2023	0.5	1	-0.5	0	0
15.08.2023	0.6	1.4	-0.9	0	0
16.08.2023	0.6	1.3	-0.8	0	0
17.08.2023	0.6	1	-0.5	0	0.1
18.08.2023	0.6	1.1	-0.6	0	0.1
22.08.2023	0.5	0.9	-0.5	0	0
23.08.2023	0.5	0.8	-0.3	0	0
24.08.2023	0.5	0.7	-0.2	0	0
25.08.2023	0.5	1	-0.5	0	0
29.08.2023	0.5	1.3	-0.8	0	0
30.08.2023	0.5	1.4	-1	0	0
31.08.2023	0.5	1.1	-0.6	0	0
01.09.2023	0.5	0.9	-0.5	0	0
05.09.2023	0.5	1.1	-0.6	0	0
06.09.2023	0.5	1.2	-0.7	0	0
07.09.2023	0.5	0.8	-0.3	0	0
08.09.2023	0.6	1.3	-0.8	0	0.1
12.09.2023	0.5	1.4	-0.9	0	0
13.09.2023	0.5	0.8	-0.3	0	0
15.09.2023	0.6	1.1	-0.5	0	0.1
19.09.2023	0.6	1.2	-0.7	0	0.1
20.09.2023	0.6	1.5	-1	0	0.1

21.09.2023	0.6	0.9	-0.4	0	0
22.09.2023	0.6	0.9	-0.4	0	0.1
26.09.2023	0.7	1.1	-0.5	0	0.1
27.09.2023	0.6	1.5	-0.9	0	0.1
28.09.2023	0.6	1.2	-0.6	0	0.1
29.09.2023	0.6	1.2	-0.7	0	0.1
03.10.2023	0.6	1.2	-0.7	0	0.1
04.10.2023	0.6	1.2	-0.6	0	0.1
05.10.2023	0.6	1.3	-0.7	0	0.1
06.10.2023	0.6	1.6	-1.1	0	0.1
10.10.2023	0.6	1.2	-0.7	0	0.1
11.10.2023	0.6	1.5	-1	0	0.1
12.10.2023	0.6	1.2	-0.6	0	0.1
13.10.2023	0.7	1.2	-0.6	0	0.1
17.10.2023	0.7	1.1	-0.5	0	0.1
18.10.2023	0.7	1.5	-0.9	0	0.1
19.10.2023	0.7	1.3	-0.6	0	0.1
20.10.2023	0.8	2	-1.3	0	0.1
24.10.2023	0.9	2.1	-1.3	0	0.1
25.10.2023	0.9	1.6	-0.8	0	0.1
26.10.2023	0.9	1.8	-0.9	0	0.1
27.10.2023	0.9	1.7	-0.8	0	0.1
31.10.2023	0.9	2.1	-1.3	0	0.1
01.11.2023	0.8	1.6	-0.8	0	0.1
02.11.2023	0.8	1.3	-0.6	0	0.1
03.11.2023	0.8	1.6	-0.9	0	0.1
07.11.2023	0.8	1.8	-1.1	0	0.1
08.11.2023	0.8	1.5	-0.8	0	0.1
09.11.2023	0.7	1.6	-1	0	0.1
10.11.2023	0.7	1.2	-0.6	0	0.1
14.11.2023	0.7	1.3	-0.7	0	0.1
15.11.2023	0.6	1	-0.5	0	0.1
16.11.2023	0.5	1	-0.5	0	0
17.11.2023	0.5	1.1	-0.6	0	0
21.11.2023	0.5	1.4	-0.9	0	0
22.11.2023	0.6	1.2	-0.7	0	0.1
23.11.2023	0.5	1.2	-0.7	0	0
24.11.2023	0.5	1	-0.5	0	0
28.11.2023	0.5	1.2	-0.7	0	0

29.11.2023	0.5	1.2	-0.8	0	0
30.11.2023	0.5	1	-0.6	0	0
01.12.2023	0.5	0.8	-0.4	0	0
05.12.2023	0.5	1.2	-0.8	0	0
06.12.2023	0.5	1.4	-0.9	0	0
07.12.2023	0.4	1.2	-0.8	0	0
08.12.2023	0.4	0.8	-0.4	0	0
12.12.2023	0.4	1	-0.6	0	0
13.12.2023	0.5	0.9	-0.5	0	0
14.12.2023	0.5	1.1	-0.7	0	0
15.12.2023	0.4	0.9	-0.6	0	0
20.12.2023	0.4	0.9	-0.6	0	0
21.12.2023	0.4	0.9	-0.5	0	0
22.12.2023	0.4	1	-0.6	0	0
28.12.2023	0.4	0.6	-0.2	0	0
29.12.2023	0.4	0.6	-0.3	0	0
03.01.2024	0.4	0.7	-0.3	0	0
04.01.2024	0.4	0.4	0	0	0
05.01.2024	0.4	0.8	-0.4	0	0
09.01.2024	0.4	0.9	-0.5	0	0
10.01.2024	0.4	0.6	-0.2	0	0
11.01.2024	0.4	0.5	-0.1	0	0
12.01.2024	0.4	0.7	-0.3	0	0
16.01.2024	0.4	0.6	-0.2	0	0
17.01.2024	0.5	0.6	-0.2	0	0
18.01.2024	0.5	0.7	-0.2	0	0
19.01.2024	0.5	1	-0.6	0	0
23.01.2024	0.5	0.7	-0.3	0	0
24.01.2024	0.5	0.6	-0.1	0	0
25.01.2024	0.5	0.7	-0.3	0	0
26.01.2024	0.5	0.8	-0.4	0	0
30.01.2024	0.4	0.6	-0.2	0	0
31.01.2024	0.4	0.9	-0.6	0	0
01.02.2024	0.4	0.6	-0.2	0	0
02.02.2024	0.4	0.9	-0.5	0	0
27.03.2024	0.6	1.2	-0.6	0	0.1
12.04.2024	0.7	1.2	-0.6	0	0.1
10.05.2024	0.9	1.5	-0.7	0	0.1
07.02.2024	0.4	0.8	-0.4	0	0

08.02.2024	0.4	0.4	0	0	0
09.02.2024	0.4	0.6	-0.2	0	0
13.02.2024	0.4	0.8	-0.5	0	0
14.02.2024	0.4	0.7	-0.4	0	0
15.02.2024	0.4	0.5	-0.2	0	0
16.02.2024	0.4	0.8	-0.4	0	0
20.02.2024	0.4	0.8	-0.4	0	0
21.02.2024	0.5	0.9	-0.5	0	0
22.02.2024	0.5	0.7	-0.3	0	0
23.02.2024	0.4	0.7	-0.3	0	0
27.02.2024	0.5	0.5	-0.1	0	0
28.02.2024	0.4	0.5	-0.1	0	0
29.02.2024	0.4	0.5	-0.1	0	0
01.03.2024	0.4	0.5	-0.1	0	0
05.03.2024	0.5	0.6	-0.2	0	0
06.03.2024	0.5	0.6	-0.2	0	0
07.03.2024	0.5	0.6	-0.2	0	0
08.03.2024	0.5	0.5	-0.1	0	0
12.03.2024	0.6	1	-0.4	0	0.1
13.03.2024	0.6	1	-0.5	0	0.1
14.03.2024	0.6	1.2	-0.6	0	0.1
15.03.2024	0.6	1.4	-0.8	0	0.1
19.03.2024	0.6	1.1	-0.5	0	0.1
20.03.2024	0.6	1.1	-0.5	0	0.1
21.03.2024	0.6	0.9	-0.4	0	0.1
22.03.2024	0.6	1	-0.4	0	0.1
26.03.2024	0.7	1.4	-0.8	0	0.1
28.03.2024	0.6	1	-0.5	0	0.1
03.04.2024	0.7	1.2	-0.6	0	0.1
04.04.2024	0.7	1.2	-0.5	0	0.1
05.04.2024	0.7	0.9	-0.3	0	0.1
09.04.2024	0.7	1.3	-0.7	0	0.1
10.04.2024	0.7	1.1	-0.5	0	0.1
11.04.2024	0.6	1.3	-0.8	0	0.1
16.04.2024	0.7	0.9	-0.3	0	0.1
17.04.2024	0.7	1	-0.4	0	0.1
18.04.2024	0.9	1.3	-0.5	0	0.1
19.04.2024	0.8	1.3	-0.6	0	0.1
23.04.2024	0.8	1.1	-0.3	0	0.1



24.04.2024	0.9	1.8	-1	0	0.1
26.04.2024	0.9	0.9	-0.1	0	0.1
30.04.2024	0.8	1	-0.2	0	0.1
03.05.2024	0.8	1.2	-0.4	0	0.1
07.05.2024	0.8	1.4	-0.7	0	0.1
08.05.2024	0.7	1.1	-0.4	0	0.1
09.05.2024	0.8	1	-0.3	0	0.1

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