

# Historical cost data

**ISIN: DE000HB7D489**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
09.06.2022	1.94	1.91	0	0	0.03
14.06.2022	2.6	2.56	0	0	0.04
19.08.2022	1.23	1.21	0	0	0.02
13.10.2022	4.94	4.86	0	0	0.08
19.10.2022	3.55	3.5	0	0	0.05
31.01.2023	0.9	1.5	-0.6	0	0
15.06.2022	0.44	0.4	0	0	0.04
16.06.2022	2.23	2.2	0	0	0.03
17.06.2022	4.02	3.98	0	0	0.04
21.06.2022	1.91	1.87	0	0	0.04
22.06.2022	2.11	2.08	0	0	0.03
23.06.2022	1.87	1.84	0	0	0.03
24.06.2022	2.9	2.87	0	0	0.03
28.06.2022	2.11	2.08	0	0	0.03
29.06.2022	1.49	1.46	0	0	0.03
30.06.2022	2.78	2.75	0	0	0.03
01.07.2022	0.48	0.45	0	0	0.03
05.07.2022	2.02	1.99	0	0	0.03
06.07.2022	4.38	4.35	0	0	0.03
07.07.2022	2.16	2.13	0	0	0.03
08.07.2022	1.95	1.92	0	0	0.03
12.07.2022	2.36	2.33	0	0	0.03
13.07.2022	2.14	2.11	0	0	0.03
14.07.2022	2.91	2.88	0	0	0.03
15.07.2022	0.2	0.17	0	0	0.03
19.07.2022	2.22	2.19	0	0	0.03
20.07.2022	1.84	1.81	0	0	0.03
21.07.2022	2.19	2.17	0	0	0.02
22.07.2022	1.43	1.41	0	0	0.02
26.07.2022	2.07	2.04	0	0	0.03
27.07.2022	1.92	1.89	0	0	0.03

28.07.2022	2.35	2.32	0	0	0.03
29.07.2022	1.13	1.1	0	0	0.03
02.08.2022	1.13	1.1	0	0	0.03
03.08.2022	1.79	1.76	0	0	0.03
04.08.2022	1.44	1.42	0	0	0.02
05.08.2022	1.27	1.25	0	0	0.02
09.08.2022	1.34	1.32	0	0	0.02
10.08.2022	1.28	1.26	0	0	0.02
11.08.2022	1.42	1.4	0	0	0.02
12.08.2022	1.53	1.51	0	0	0.02
16.08.2022	1.73	1.71	0	0	0.02
17.08.2022	1.49	1.47	0	0	0.02
18.08.2022	1.28	1.26	0	0	0.02
23.08.2022	1.92	1.89	0	0	0.03
24.08.2022	1.53	1.5	0	0	0.03
25.08.2022	1.97	1.94	0	0	0.03
26.08.2022	1.91	1.88	0	0	0.03
30.08.2022	1.54	1.51	0	0	0.03
31.08.2022	-0.64	-0.67	0	0	0.03
01.09.2022	2.48	2.45	0	0	0.03
02.09.2022	3.37	3.33	0	0	0.04
06.09.2022	2.13	2.09	0	0	0.04
07.09.2022	-1.93	-1.97	0	0	0.04
08.09.2022	2.45	2.41	0	0	0.04
09.09.2022	2.39	2.35	0	0	0.04
13.09.2022	1.37	1.34	0	0	0.03
14.09.2022	2.27	2.23	0	0	0.04
15.09.2022	0.33	0.29	0	0	0.04
16.09.2022	2.79	2.75	0	0	0.04
20.09.2022	2.33	2.28	0	0	0.05
21.09.2022	3.09	3.03	0	0	0.06
22.09.2022	4.62	4.55	0	0	0.07
23.09.2022	7.96	7.88	0	0	0.08
27.09.2022	7.2	7.07	0	0	0.13
28.09.2022	2.24	2.13	0	0	0.11
29.09.2022	4.79	4.68	0	0	0.11
30.09.2022	-1.81	-1.93	0	0	0.12
04.10.2022	5.74	5.65	0	0	0.09
05.10.2022	2.81	2.74	0	0	0.07

06.10.2022	5.96	5.87	0	0	0.09
07.10.2022	3.3	3.22	0	0	0.08
11.10.2022	3.77	3.69	0	0	0.08
12.10.2022	8	7.92	0	0	0.08
14.10.2022	3.76	3.68	0	0	0.08
18.10.2022	3.44	3.38	0	0	0.06
20.10.2022	4.29	4.24	0	0	0.05
21.10.2022	3.88	3.83	0	0	0.05
25.10.2022	2.46	2.41	0	0	0.05
26.10.2022	2.42	2.37	0	0	0.05
27.10.2022	1.01	0.97	0	0	0.04
28.10.2022	0.58	0.54	0	0	0.04
01.11.2022	1.7	1.66	0	0	0.04
02.11.2022	2.12	2.07	0	0	0.05
03.11.2022	2.35	2.3	0	0	0.05
04.11.2022	2.29	2.23	0	0	0.06
08.11.2022	2.36	2.31	0	0	0.05
09.11.2022	2.29	2.24	0	0	0.05
10.11.2022	1.47	1.42	0	0	0.05
11.11.2022	0.63	0.59	0	0	0.04
15.11.2022	1.8	1.77	0	0	0.03
16.11.2022	1.24	1.2	0	0	0.04
17.11.2022	1.76	1.72	0	0	0.04
18.11.2022	1.7	1.66	0	0	0.04
22.11.2022	2.09	2.05	0	0	0.04
23.11.2022	1.37	1.33	0	0	0.04
24.11.2022	1.92	1.88	0	0	0.04
25.11.2022	1.9	1.86	0	0	0.04
29.11.2022	3.13	3.09	0	0	0.04
30.11.2022	2.3	2.26	0	0	0.04
01.12.2022	1.53	1.49	0	0	0.04
02.12.2022	1.29	1.25	0	0	0.04
06.12.2022	1.83	1.79	0	0	0.04
07.12.2022	1.9	1.86	0	0	0.04
08.12.2022	2.16	2.12	0	0	0.04
09.12.2022	1.47	1.43	0	0	0.04
13.12.2022	1.56	1.52	0	0	0.04
14.12.2022	1.31	1.28	0	0	0.04
15.12.2022	1.96	1.92	0	0	0.04

16.12.2022	2.28	2.23	0	0	0.05
20.12.2022	2.61	2.55	0	0	0.06
21.12.2022	2.53	2.46	0	0	0.06
22.12.2022	1.93	1.87	0	0	0.06
23.12.2022	3.07	3.01	0	0	0.06
28.12.2022	1.5	2.2	-0.8	0	0.1
29.12.2022	1.5	2.8	-1.4	0	0.1
30.12.2022	1.4	2.9	-1.6	0	0.1
03.01.2023	1.3	2.5	-1.2	0	0.1
04.01.2023	1.2	2.3	-1.1	0	0.1
05.01.2023	1.2	2.6	-1.5	0	0.1
06.01.2023	1.2	1.8	-0.7	0	0.1
10.01.2023	1.1	2	-1	0	0
11.01.2023	1.1	2	-1	0	0
12.01.2023	1.1	1.8	-0.7	0	0
13.01.2023	1.1	1.9	-0.9	0	0
18.01.2023	0.9	8.1	-7.2	0	0
19.01.2023	0.9	0.4	0.4	0	0
20.01.2023	0.9	1.3	-0.4	0	0
24.01.2023	0.9	1.9	-1	0	0
25.01.2023	0.9	1.8	-1	0	0
26.01.2023	0.9	1.8	-0.9	0	0
27.01.2023	0.9	1.5	-0.6	0	0
01.02.2023	0.9	1.5	-0.6	0	0
01.03.2023	0.9	1.4	-0.6	0	0
24.03.2023	0.7	1.1	-0.4	0	0
04.05.2023	0.7	0.9	-0.3	0	0
11.05.2023	0.7	1.4	-0.7	0	0
12.09.2023	0.8	1.6	-0.8	0	0
29.09.2023	1	1.6	-0.6	0	0.1
02.02.2023	0.9	1	-0.2	0	0
03.02.2023	0.7	1.4	-0.7	0	0
07.02.2023	0.8	1.5	-0.8	0	0
08.02.2023	0.8	1.7	-0.9	0	0
09.02.2023	0.8	1.2	-0.5	0	0
10.02.2023	0.8	1.1	-0.4	0	0
14.02.2023	0.8	1.3	-0.6	0	0
15.02.2023	0.8	1.8	-1	0	0
16.02.2023	0.8	1.1	-0.3	0	0

17.02.2023	0.8	1.4	-0.6	0	0
21.02.2023	0.8	1.7	-0.9	0	0
22.02.2023	0.9	1	-0.2	0	0
23.02.2023	0.9	1.5	-0.6	0	0
24.02.2023	0.8	1.1	-0.3	0	0
28.02.2023	0.9	1.4	-0.5	0	0
02.03.2023	0.9	1.3	-0.5	0	0
03.03.2023	0.9	1.3	-0.5	0	0
07.03.2023	0.8	1.5	-0.7	0	0
08.03.2023	0.8	1.6	-0.8	0	0
09.03.2023	0.8	1.5	-0.7	0	0
10.03.2023	0.8	1.6	-0.8	0	0
14.03.2023	0.9	0.5	0.3	0	0
15.03.2023	0.8	1.1	-0.4	0	0
16.03.2023	0.9	2.7	-1.8	0	0
17.03.2023	0.9	1.4	-0.5	0	0
21.03.2023	0.8	1	-0.3	0	0
22.03.2023	0.8	1.4	-0.6	0	0
23.03.2023	0.8	1	-0.3	0	0
28.03.2023	0.8	1.1	-0.4	0	0
29.03.2023	0.8	1.5	-0.7	0	0
30.03.2023	0.8	0.9	-0.2	0	0
31.03.2023	0.7	1	-0.3	0	0
04.04.2023	0.8	1.6	-0.9	0	0
05.04.2023	0.7	1.2	-0.5	0	0
06.04.2023	0.8	1.7	-1	0	0
12.04.2023	0.8	1.4	-0.7	0	0
13.04.2023	0.8	1.3	-0.5	0	0
14.04.2023	0.8	1.1	-0.4	0	0
18.04.2023	0.7	1.3	-0.6	0	0
19.04.2023	0.7	1	-0.3	0	0
20.04.2023	0.7	0.8	-0.2	0	0
21.04.2023	0.7	1.2	-0.5	0	0
25.04.2023	0.7	1.3	-0.6	0	0
26.04.2023	0.8	0.9	-0.2	0	0
27.04.2023	0.8	1.2	-0.5	0	0
28.04.2023	0.7	1.5	-0.7	0	0
03.05.2023	0.7	1	-0.3	0	0
05.05.2023	0.7	1.3	-0.6	0	0

09.05.2023	0.7	0.9	-0.2	0	0
10.05.2023	0.7	1	-0.3	0	0
12.05.2023	0.8	1.1	-0.4	0	0
16.05.2023	0.8	1.1	-0.4	0	0
17.05.2023	0.8	1.2	-0.4	0	0
18.05.2023	0.8	1.1	-0.4	0	0
19.05.2023	0.7	0.9	-0.3	0	0
23.05.2023	0.7	1	-0.4	0	0
24.05.2023	0.7	1	-0.3	0	0
25.05.2023	0.8	0.9	-0.2	0	0
26.05.2023	0.7	0.9	-0.2	0	0
30.05.2023	0.7	1.4	-0.7	0	0
31.05.2023	0.7	1.4	-0.8	0	0
01.06.2023	0.7	1.3	-0.6	0	0
02.06.2023	0.7	1.4	-0.7	0	0
06.06.2023	0.7	1.2	-0.6	0	0
07.06.2023	0.7	0.9	-0.2	0	0
08.06.2023	0.7	0.8	-0.2	0	0
09.06.2023	0.7	0.9	-0.2	0	0
20.06.2023	0.6	1.2	-0.7	0	0
21.06.2023	0.6	1	-0.4	0	0
22.06.2023	0.7	0.7	0	0	0
23.06.2023	0.7	1.2	-0.6	0	0
27.06.2023	0.7	1.3	-0.6	0	0
28.06.2023	0.6	0.8	-0.2	0	0
29.06.2023	0.6	1.1	-0.5	0	0
30.06.2023	0.6	1.1	-0.5	0	0
03.07.2023	0.6	1.9	-1.3	0	0
04.07.2023	0.6	0.8	-0.2	0	0
05.07.2023	0.6	0.8	-0.2	0	0
06.07.2023	0.6	0.8	-0.3	0	0
07.07.2023	0.6	0.9	-0.3	0	0
11.07.2023	0.6	0.8	-0.2	0	0
12.07.2023	0.6	1.1	-0.5	0	0
13.07.2023	0.6	1	-0.4	0	0
14.07.2023	0.6	1.1	-0.6	0	0
18.07.2023	0.6	0.8	-0.3	0	0
19.07.2023	0.6	1.1	-0.6	0	0
20.07.2023	0.6	0.8	-0.3	0	0

21.07.2023	0.6	0.9	-0.3	0	0
25.07.2023	0.6	0.9	-0.3	0	0
26.07.2023	0.6	0.8	-0.3	0	0
27.07.2023	0.6	0.7	-0.1	0	0
28.07.2023	0.5	1	-0.5	0	0
01.08.2023	0.6	0.8	-0.2	0	0
02.08.2023	0.6	1	-0.4	0	0
03.08.2023	0.7	0.9	-0.2	0	0
04.08.2023	0.7	1.1	-0.5	0	0
08.08.2023	0.6	0.9	-0.3	0	0
09.08.2023	0.7	1.2	-0.6	0	0
10.08.2023	0.7	0.8	-0.1	0	0
11.08.2023	0.6	0.9	-0.3	0	0
15.08.2023	0.6	1	-0.4	0	0
16.08.2023	0.7	0.8	-0.2	0	0
17.08.2023	0.7	0.8	-0.2	0	0
18.08.2023	0.7	1.1	-0.5	0	0
22.08.2023	0.7	1.1	-0.4	0	0
23.08.2023	0.7	1.1	-0.4	0	0
24.08.2023	0.7	1.4	-0.8	0	0
25.08.2023	0.7	1.3	-0.6	0	0
29.08.2023	0.7	1.3	-0.6	0	0
30.08.2023	0.7	1.1	-0.4	0	0
31.08.2023	0.7	0.8	-0.2	0	0
01.09.2023	0.7	1.1	-0.5	0	0
05.09.2023	0.7	1.2	-0.5	0	0
06.09.2023	0.8	1.1	-0.4	0	0
07.09.2023	0.8	1.5	-0.8	0	0
08.09.2023	0.8	1.5	-0.8	0	0
13.09.2023	0.8	0.9	-0.2	0	0
14.09.2023	0.8	1.1	-0.3	0	0
15.09.2023	0.8	1.4	-0.7	0	0
19.09.2023	0.8	1.3	-0.6	0	0
20.09.2023	0.9	1.6	-0.7	0	0.1
21.09.2023	0.9	1.7	-0.8	0	0
22.09.2023	0.9	1.4	-0.5	0	0
26.09.2023	1	1.2	-0.3	0	0.1
27.09.2023	1	2	-1	0	0.1
28.09.2023	1.1	1.7	-0.6	0	0.1

14.11.2023	1	1.2	-0.3	0	0.1
12.12.2023	0.6	1.6	-1	0	0
03.01.2024	0.6	1	-0.4	0	0
09.01.2024	0.7	1.3	-0.6	0	0
12.01.2024	0.7	1.3	-0.7	0	0
17.01.2024	0.7	1	-0.4	0	0
30.01.2024	0.6	0.4	0.2	0	0
31.01.2024	0.7	0.4	0.2	0	0
06.02.2024	0.7	0.9	-0.2	0	0
13.02.2024	0.8	0.9	-0.2	0	0
27.02.2024	0.8	0.7	0.1	0	0
07.03.2024	1.1	0.9	0.1	0	0.1
13.03.2024	1.1	1	0	0	0.1
14.03.2024	1.1	1.1	0	0	0.1
03.04.2024	1	1.1	-0.1	0	0.1
17.04.2024	1.2	1.4	-0.3	0	0.1
19.04.2024	1.2	0.9	0.2	0	0.1
24.04.2024	1.1	1.5	-0.5	0	0.1
08.05.2024	1	1	-0.1	0	0.1
09.05.2024	1	1.5	-0.5	0	0.1
16.05.2024	0.9	1	-0.2	0	0
17.05.2024	0.8	0.7	0.1	0	0
15.05.2024	0.9	1.4	-0.5	0	0.1
03.10.2023	1.1	1.4	-0.4	0	0.1
04.10.2023	1	1.9	-0.9	0	0.1
05.10.2023	1.1	1.4	-0.4	0	0.1
06.10.2023	1	1.7	-0.8	0	0.1
10.10.2023	1	1.3	-0.3	0	0.1
11.10.2023	0.9	1.2	-0.3	0	0.1
12.10.2023	1	1.3	-0.4	0	0.1
13.10.2023	1	1.6	-0.7	0	0.1
17.10.2023	1	1.8	-0.9	0	0.1
18.10.2023	1	1.3	-0.4	0	0.1
19.10.2023	1	1.4	-0.4	0	0.1
20.10.2023	1.1	1.5	-0.4	0	0.1
24.10.2023	1.1	2.4	-1.3	0	0.1
25.10.2023	1.1	1.4	-0.3	0	0.1
26.10.2023	1.2	2.2	-1	0	0.1
27.10.2023	1.3	2	-0.8	0	0.1



31.10.2023	1.2	1.9	-0.8	0	0.1
01.11.2023	1.2	1.4	-0.3	0	0.1
02.11.2023	1.2	1.9	-0.8	0	0.1
03.11.2023	1.1	1.5	-0.5	0	0.1
07.11.2023	1.2	2.3	-1.2	0	0.1
08.11.2023	1.2	2.3	-1.2	0	0.1
09.11.2023	1.1	1.4	-0.4	0	0.1
10.11.2023	1	1.3	-0.4	0	0.1
15.11.2023	0.9	1.5	-0.7	0	0.1
16.11.2023	0.9	1.2	-0.4	0	0
17.11.2023	0.9	1.2	-0.4	0	0
21.11.2023	0.8	1.5	-0.7	0	0
22.11.2023	0.8	1.9	-1.1	0	0
23.11.2023	0.8	1.6	-0.9	0	0
24.11.2023	0.8	2	-1.2	0	0
28.11.2023	0.8	1.4	-0.6	0	0
29.11.2023	0.8	2	-1.2	0	0
30.11.2023	0.7	1.8	-1.1	0	0
01.12.2023	0.7	1.8	-1.1	0	0
05.12.2023	0.7	1.5	-0.9	0	0
06.12.2023	0.7	1.7	-1.1	0	0
07.12.2023	0.6	1.1	-0.5	0	0
08.12.2023	0.6	1.4	-0.8	0	0
13.12.2023	0.6	1.1	-0.5	0	0
14.12.2023	0.6	1.3	-0.7	0	0
15.12.2023	0.6	1.1	-0.5	0	0
19.12.2023	0.6	1.1	-0.6	0	0
20.12.2023	0.6	1.1	-0.6	0	0
21.12.2023	0.6	1.2	-0.6	0	0
22.12.2023	0.6	1.4	-0.8	0	0
28.12.2023	0.6	1.4	-0.8	0	0
29.12.2023	0.7	1.4	-0.8	0	0
04.01.2024	0.7	1.3	-0.7	0	0
05.01.2024	0.7	1.1	-0.5	0	0
10.01.2024	0.7	1.2	-0.6	0	0
11.01.2024	0.7	0.9	-0.3	0	0
16.01.2024	0.7	1	-0.4	0	0
18.01.2024	0.7	0.4	0.2	0	0
19.01.2024	0.7	0.6	0.1	0	0

23.01.2024	0.7	0.7	-0.1	0	0
24.01.2024	0.7	0.7	0	0	0
25.01.2024	0.7	0.8	-0.2	0	0
26.01.2024	0.6	1	-0.3	0	0
01.02.2024	0.7	0.9	-0.3	0	0
02.02.2024	0.7	0.8	-0.1	0	0
07.02.2024	0.7	0.7	-0.1	0	0
08.02.2024	0.8	1	-0.2	0	0
09.02.2024	0.8	0.5	0.2	0	0
14.02.2024	0.8	0.5	0.3	0	0
15.02.2024	0.8	1	-0.3	0	0
16.02.2024	0.8	1.1	-0.4	0	0
20.02.2024	0.8	0.8	-0.1	0	0
21.02.2024	0.7	0.4	0.3	0	0
22.02.2024	0.7	1.1	-0.4	0	0
23.02.2024	0.7	0.5	0.2	0	0
28.02.2024	0.8	0.9	-0.2	0	0
29.02.2024	0.7	0.9	-0.2	0	0
01.03.2024	0.8	0.8	-0.1	0	0
05.03.2024	0.8	0.4	0.4	0	0
06.03.2024	0.8	0.8	0	0	0
08.03.2024	1	1.1	-0.1	0	0.1
12.03.2024	1.1	1.6	-0.5	0	0.1
15.03.2024	1.1	1.6	-0.5	0	0.1
19.03.2024	1.1	1.8	-0.8	0	0.1
20.03.2024	1.1	1.4	-0.4	0	0.1
21.03.2024	1.1	1.8	-0.7	0	0.1
22.03.2024	1.1	1.7	-0.7	0	0.1
26.03.2024	1	1.2	-0.3	0	0.1
27.03.2024	0.9	1.3	-0.4	0	0.1
28.03.2024	0.9	0.7	0.2	0	0.1
04.04.2024	1	1	0	0	0.1
05.04.2024	1	1.4	-0.5	0	0.1
09.04.2024	1	1.6	-0.6	0	0.1
10.04.2024	1.1	1.4	-0.4	0	0.1
11.04.2024	1.1	1.1	0	0	0.1
12.04.2024	1.1	0.9	0.1	0	0.1
16.04.2024	1.1	1.2	-0.2	0	0.1
18.04.2024	1.2	1.2	-0.1	0	0.1

23.04.2024	1.1	0.9	0.1	0	0.1
26.04.2024	1.2	1.2	-0.1	0	0.1
30.04.2024	1.1	1.1	0	0	0.1
03.05.2024	1	0.9	0.1	0	0.1
07.05.2024	1	1.1	-0.1	0	0.1
10.05.2024	0.9	0.7	0.2	0	0.1
14.05.2024	0.9	0.8	0	0	0

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