

# Historical cost data

**ISIN: DE000HB8ZTZ6**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
02.08.2022	0.41	0.15	0	0	0.26
05.08.2022	6.62	6.36	0	0	0.26
22.08.2022	18.17	18.17	0	0	0
09.09.2022	6.09	6.09	0	0	0
12.09.2022	-4.07	-4.07	0	0	0
05.10.2022	7.06	7.06	0	0	0
25.10.2022	6.25	6.25	0	0	0
27.10.2022	3.86	3.86	0	0	0
01.11.2022	3.53	3.53	0	0	0
09.11.2022	3.03	3.03	0	0	0
02.12.2022	1.94	1.94	0	0	0
09.12.2022	1.67	1.67	0	0	0
23.12.2022	0.3	0.1	0.1	0	0
08.03.2023	0.9	0.5	0.5	0	0
08.08.2022	3.7	3.7	0	0	0
09.08.2022	6.36	6.36	0	0	0
10.08.2022	6.38	6.38	0	0	0
11.08.2022	6.65	6.65	0	0	0
12.08.2022	6.29	6.29	0	0	0
15.08.2022	4.91	4.91	0	0	0
16.08.2022	6.33	6.33	0	0	0
17.08.2022	6.45	6.45	0	0	0
18.08.2022	-0.09	-0.09	0	0	0
19.08.2022	6.36	6.36	0	0	0
23.08.2022	5.56	5.56	0	0	0
24.08.2022	6.12	6.12	0	0	0
25.08.2022	5.93	5.93	0	0	0
26.08.2022	6.14	6.14	0	0	0
29.08.2022	17.24	17.24	0	0	0
30.08.2022	4.03	4.03	0	0	0
31.08.2022	9.72	9.72	0	0	0

01.09.2022	2.94	2.94	0	0	0
02.09.2022	2.55	2.55	0	0	0
05.09.2022	18.9	18.9	0	0	0
06.09.2022	5.6	5.6	0	0	0
07.09.2022	8.75	8.75	0	0	0
08.09.2022	5.07	5.07	0	0	0
13.09.2022	5.16	5.16	0	0	0
14.09.2022	5.13	5.13	0	0	0
15.09.2022	4.91	4.91	0	0	0
16.09.2022	3.87	3.87	0	0	0
19.09.2022	12.26	12.26	0	0	0
20.09.2022	4.17	4.17	0	0	0
21.09.2022	4.22	4.22	0	0	0
22.09.2022	4.29	4.29	0	0	0
23.09.2022	3.52	3.52	0	0	0
26.09.2022	4.3	4.3	0	0	0
27.09.2022	2.26	2.26	0	0	0
28.09.2022	3.94	3.94	0	0	0
29.09.2022	1.92	1.92	0	0	0
30.09.2022	2.43	2.43	0	0	0
03.10.2022	7.12	7.12	0	0	0
04.10.2022	4.67	4.67	0	0	0
06.10.2022	3.74	3.74	0	0	0
07.10.2022	6.79	6.79	0	0	0
10.10.2022	4.1	4.1	0	0	0
11.10.2022	4.5	4.5	0	0	0
12.10.2022	2.56	2.56	0	0	0
13.10.2022	3.07	3.07	0	0	0
14.10.2022	6.12	6.12	0	0	0
17.10.2022	1.81	1.81	0	0	0
18.10.2022	0.27	0.27	0	0	0
19.10.2022	3.39	3.39	0	0	0
20.10.2022	2.57	2.57	0	0	0
21.10.2022	3.87	3.87	0	0	0
24.10.2022	-16.14	-16.14	0	0	0
26.10.2022	3.78	3.78	0	0	0
28.10.2022	3.28	3.28	0	0	0
31.10.2022	0.89	0.89	0	0	0
02.11.2022	3.82	3.82	0	0	0

03.11.2022	3.48	3.48	0	0	0
04.11.2022	3.38	3.38	0	0	0
07.11.2022	-7.98	-7.98	0	0	0
08.11.2022	2.91	2.91	0	0	0
10.11.2022	3.79	3.79	0	0	0
11.11.2022	2.68	2.68	0	0	0
14.11.2022	1.23	1.23	0	0	0
15.11.2022	2.72	2.72	0	0	0
16.11.2022	2.57	2.57	0	0	0
17.11.2022	2.68	2.68	0	0	0
18.11.2022	2.31	2.31	0	0	0
21.11.2022	3.54	3.54	0	0	0
22.11.2022	2.5	2.5	0	0	0
23.11.2022	2.4	2.4	0	0	0
24.11.2022	2.36	2.36	0	0	0
25.11.2022	2.4	2.4	0	0	0
28.11.2022	8.48	8.48	0	0	0
29.11.2022	1.99	1.99	0	0	0
30.11.2022	2.05	2.05	0	0	0
01.12.2022	5.33	5.33	0	0	0
05.12.2022	4.7	4.7	0	0	0
06.12.2022	1.88	1.88	0	0	0
07.12.2022	1.25	1.25	0	0	0
08.12.2022	1.95	1.95	0	0	0
13.12.2022	1.5	1.47	0	0	0.03
14.12.2022	1.47	1.44	0	0	0.04
15.12.2022	0.85	0.82	0	0	0.03
16.12.2022	2.25	2.22	0	0	0.03
20.12.2022	0.99	0.96	0	0	0.03
21.12.2022	0.87	0.84	0	0	0.03
22.12.2022	0.66	0.41	0	0	0.26
28.12.2022	0.3	0.2	0.2	0	0
29.12.2022	0.3	0.1	0.1	0	0
30.12.2022	0.4	0.2	0.2	0	0
03.01.2023	0.7	0.9	-0.3	0	0
04.01.2023	0.7	0.4	0.4	0	0
05.01.2023	0.5	0.4	0.1	0	0
06.01.2023	0.4	0.2	0.2	0	0
10.01.2023	1.1	0.5	0.5	0	0

11.01.2023	0.6	0.3	0.3	0	0
12.01.2023	0.6	0.3	0.3	0	0
13.01.2023	0.7	0.3	0.3	0	0
18.01.2023	0.7	0.3	0.3	0	0
19.01.2023	0.7	13.6	-13	0	0
20.01.2023	0.6	0.3	0.3	0	0
24.01.2023	0.7	0.3	0.3	0	0
25.01.2023	0.7	0.7	0	0	0
26.01.2023	0.7	0.3	0.3	0	0
27.01.2023	0.7	0.3	0.3	0	0
31.01.2023	0.7	0.3	0.3	0	0
01.02.2023	0.7	0.3	0.3	0	0
02.02.2023	0.7	0.3	0.3	0	0
03.02.2023	0.9	0.4	0.4	0	0
07.02.2023	0.8	0.4	0.4	0	0
08.02.2023	0.8	0.4	0.4	0	0
09.02.2023	0.8	0.8	0.1	0	0
10.02.2023	0.9	0.4	0.4	0	0
14.02.2023	0.8	0.4	0.4	0	0
15.02.2023	0.8	0.4	0.4	0	0
16.02.2023	1.7	0.9	0.9	0	0
17.02.2023	0.9	0.4	0.4	0	0
21.02.2023	0.9	0.5	0.3	0	0
22.02.2023	0.9	0.4	0.4	0	0
23.02.2023	1.7	0.8	0.8	0	0
24.02.2023	0.9	0.4	0.4	0	0
28.02.2023	0.9	0.4	0.4	0	0
01.03.2023	0.9	0.4	0.4	0	0
02.03.2023	0.8	0.4	0.4	0	0
03.03.2023	0.8	0.4	0.4	0	0
07.03.2023	1	0.5	0.5	0	0
16.03.2023	0.7	1.6	-0.9	0	0
17.03.2023	0.8	0.4	0.4	0	0
27.04.2023	1.3	0.6	0.6	0	0
18.05.2023	1.5	0.7	0.7	0	0
19.05.2023	1.6	1.1	0.6	0	0
26.05.2023	1.4	0.7	0.7	0	0
23.06.2023	3.2	2.5	0.6	0	0
18.07.2023	1.8	0.9	0.9	0	0

25.07.2023	1.9	1.5	0.4	0	0
03.08.2023	1.8	1.5	0.3	0	0
15.08.2023	1.7	2.1	-0.4	0	0
17.08.2023	1.6	1.6	0	0	0
25.08.2023	1.5	2	-0.5	0	0
30.08.2023	1.7	1.4	0.3	0	0
05.10.2023	1.1	2	-0.9	0	0
06.10.2023	1.1	1.9	-0.8	0	0
10.10.2023	1.1	1.4	-0.3	0	0
12.10.2023	1.4	2.4	-1	0	0
17.10.2023	1.3	1.7	-0.4	0	0
26.10.2023	1	1.4	-0.4	0	0
29.11.2023	2	3.7	-1.7	0	0
30.11.2023	2.3	4.2	-1.9	0	0
09.03.2023	1	0.5	0.5	0	0
10.03.2023	1	0.5	0.5	0	0
14.03.2023	0.7	2.3	-1.6	0	0
15.03.2023	0.8	0.4	0.4	0	0
21.03.2023	0.8	0.4	0.4	0	0
22.03.2023	0.9	0.4	0.4	0	0
23.03.2023	0.9	0.5	0.4	0	0
24.03.2023	0.9	0.5	0.4	0	0
28.03.2023	0.9	0.5	0.3	0	0
29.03.2023	0.9	0.4	0.4	0	0
30.03.2023	1	0.9	0	0	0
31.03.2023	1.1	0.7	0.4	0	0
04.04.2023	1.1	0.6	0.6	0	0
05.04.2023	1.2	0.7	0.5	0	0
06.04.2023	1.1	0.5	0.5	0	0
11.04.2023	1	0.5	0.5	0	0
12.04.2023	1.2	0.6	0.6	0	0
13.04.2023	1.2	0.7	0.5	0	0
14.04.2023	1.2	0.6	0.6	0	0
18.04.2023	1.3	0.6	0.6	0	0
19.04.2023	1.3	0.7	0.6	0	0
20.04.2023	1.4	0.8	0.5	0	0
21.04.2023	1.3	0.7	0.6	0	0
25.04.2023	1.3	1	0.3	0	0
26.04.2023	1.3	0.7	0.7	0	0

28.04.2023	1.3	1.1	0.1	0	0
03.05.2023	1.3	0.6	0.6	0	0
04.05.2023	1.3	0.7	0.7	0	0
05.05.2023	1.2	1.2	0	0	0
09.05.2023	1.5	1	0.5	0	0
10.05.2023	1.5	0.7	0.7	0	0
11.05.2023	1.4	0.7	0.7	0	0
12.05.2023	1.3	0.7	0.7	0	0
16.05.2023	1.4	1.1	0.3	0	0
17.05.2023	1.4	0.9	0.5	0	0
23.05.2023	1.7	0.9	0.8	0	0
24.05.2023	1.6	1.4	0.3	0	0
25.05.2023	1.4	0.7	0.7	0	0
30.05.2023	1.5	4.6	-3.1	0	0
31.05.2023	1.5	4.2	-2.7	0	0
01.06.2023	1.3	3.3	-2.1	0	0
02.06.2023	1.4	2.8	-1.4	0	0
06.06.2023	1.5	3.4	-1.9	0	0
07.06.2023	1.6	3.9	-2.3	0	0
08.06.2023	1.5	2.9	-1.4	0	0
09.06.2023	1.6	3.9	-2.3	0	0
13.06.2023	1.7	3.3	-1.6	0	0
20.06.2023	1.8	1.5	0.3	0	0
21.06.2023	1.7	2.6	-0.9	0	0
22.06.2023	1.6	1.9	-0.2	0	0
27.06.2023	1.5	2.3	-0.8	0	0
28.06.2023	1.5	1.6	-0.1	0	0
29.06.2023	1.6	2	-0.4	0	0
30.06.2023	1.5	1.7	-0.2	0	0
04.07.2023	1.7	2.1	-0.4	0	0
05.07.2023	3.3	2.4	0.9	0	0
06.07.2023	3.1	2.2	0.8	0	0
07.07.2023	1.3	1.4	-0.2	0	0
11.07.2023	1.4	1	0.4	0	0
12.07.2023	2.9	2.1	0.8	0	0
13.07.2023	1.7	1.4	0.3	0	0
14.07.2023	1.8	1.7	0.2	0	0
19.07.2023	1.8	2	-0.2	0	0
20.07.2023	1.8	1.9	-0.1	0	0

21.07.2023	1.9	2	-0.1	0	0
26.07.2023	1.9	1	0.9	0	0
27.07.2023	1.8	2	-0.2	0	0
28.07.2023	2.2	1.1	1.1	0	0
01.08.2023	2.2	1.1	1.1	0	0
02.08.2023	2	2	0	0	0
04.08.2023	1.6	1.2	0.4	0	0
08.08.2023	1.7	0.9	0.8	0	0
09.08.2023	1.5	1.1	0.4	0	0
10.08.2023	1.6	1.5	0.1	0	0
11.08.2023	1.8	0.9	0.9	0	0
16.08.2023	1.5	1.2	0.3	0	0
18.08.2023	1.5	0.8	0.7	0	0
22.08.2023	1.4	1.2	0.2	0	0
23.08.2023	1.5	1.5	0	0	0
24.08.2023	1.5	1.3	0.2	0	0
29.08.2023	1.6	2.4	-0.8	0	0
31.08.2023	1.7	2	-0.3	0	0
01.09.2023	1.8	0.9	0.9	0	0
05.09.2023	1.6	1.6	0	0	0
06.09.2023	1.6	2.1	-0.5	0	0
07.09.2023	1.6	1.7	-0.1	0	0
08.09.2023	1.5	1.1	0.4	0	0
12.09.2023	1.6	1	0.6	0	0
13.09.2023	1.5	1.4	0.1	0	0
14.09.2023	1.5	2.3	-0.8	0	0
15.09.2023	1.6	0.9	0.8	0	0
19.09.2023	1.6	2.6	-1	0	0
20.09.2023	1.5	2.1	-0.6	0	0
21.09.2023	1.6	1.6	0	0	0
22.09.2023	1.5	1.9	-0.4	0	0
26.09.2023	1.3	1.4	-0.1	0	0
27.09.2023	1.2	2.2	-1	0	0
28.09.2023	1.2	1.8	-0.7	0	0
29.09.2023	1.2	1.6	-0.4	0	0
03.10.2023	1.2	1.3	-0.2	0	0
04.10.2023	1.1	1.5	-0.4	0	0
11.10.2023	1.4	1.8	-0.5	0	0
13.10.2023	1.4	1.5	-0.1	0	0

18.10.2023	1.2	1.8	-0.5	0	0
19.10.2023	1.2	1.7	-0.5	0	0
20.10.2023	1.1	2.2	-1.1	0	0
24.10.2023	1	1.2	-0.2	0	0
25.10.2023	1	1.7	-0.7	0	0
27.10.2023	1	2.1	-1.1	0	0
31.10.2023	0.9	1.7	-0.8	0	0
01.11.2023	1	1.6	-0.6	0	0
02.11.2023	1.1	1.8	-0.7	0	0
03.11.2023	1.2	1	0.2	0	0
07.11.2023	1.2	1.7	-0.5	0	0
08.11.2023	1.2	2.4	-1.1	0	0
09.11.2023	1.3	1.3	0	0	0
10.11.2023	1.4	2.7	-1.4	0	0
14.11.2023	1.4	2.1	-0.7	0	0
15.11.2023	1.6	2.7	-1	0	0
16.11.2023	1.8	1.4	0.3	0	0
17.11.2023	1.8	3.2	-1.3	0	0
21.11.2023	1.9	3	-1	0	0
22.11.2023	2	3.9	-2	0	0
23.11.2023	2	3.2	-1.2	0	0
24.11.2023	2.1	4.6	-2.6	0	0
28.11.2023	2	3.7	-1.7	0	0
08.12.2023	3	3.9	-1	0	0
14.12.2023	3.2	3.3	-0.1	0	0
20.12.2023	3.1	3.6	-0.4	0	0
09.01.2024	3.1	5.1	-2	0	0
30.01.2024	3.6	3.8	-0.2	0	0
28.02.2024	5.1	6.8	-1.7	0	0
01.12.2023	2.3	3	-0.6	0	0
05.12.2023	2.6	3.8	-1.2	0	0
06.12.2023	2.8	3.8	-1	0	0
07.12.2023	3	3.2	-0.2	0	0
12.12.2023	3.2	3.2	0	0	0
13.12.2023	3.3	4.4	-1.2	0	0
15.12.2023	3.2	4.4	-1.3	0	0
19.12.2023	3	3.8	-0.9	0	0
21.12.2023	3.1	5.7	-2.6	0	0
22.12.2023	3	6.1	-3	0	0

28.12.2023	3.1	5.7	-2.6	0	0
29.12.2023	3.1	4.8	-1.7	0	0
02.01.2024	3.2	1.6	1.6	0	0
03.01.2024	3.2	5.2	-2.1	0	0
04.01.2024	2.8	3.3	-0.5	0	0
05.01.2024	2.9	5.5	-2.5	0	0
10.01.2024	3.1	3.9	-0.9	0	0
11.01.2024	3.1	4.9	-1.8	0	0
12.01.2024	2.9	5.9	-3	0	0
16.01.2024	3	5.1	-2.1	0	0
17.01.2024	2.9	5	-2.1	0	0
18.01.2024	2.6	3.1	-0.5	0	0
19.01.2024	2.9	3.9	-1	0	0
23.01.2024	3.1	2.2	0.9	0	0
24.01.2024	3	3.1	-0.1	0	0
25.01.2024	3.5	4.9	-1.4	0	0
26.01.2024	3.5	5.3	-1.8	0	0
31.01.2024	3.6	5.5	-1.8	0	0
01.02.2024	3.5	2	1.5	0	0
02.02.2024	3.4	2.4	1	0	0
06.02.2024	3.5	5.2	-1.7	0	0
07.02.2024	3.8	5.6	-1.8	0	0
08.02.2024	3.6	4.5	-0.9	0	0
09.02.2024	3.7	3.7	0	0	0
13.02.2024	3.8	2.7	1.1	0	0
14.02.2024	3.5	4.7	-1.2	0	0
15.02.2024	3.6	2.2	1.5	0	0
16.02.2024	3.9	4.3	-0.4	0	0
20.02.2024	3.9	2.4	1.5	0	0
21.02.2024	3.9	5.7	-1.8	0	0
22.02.2024	4	3.2	0.7	0	0
23.02.2024	4.6	5.8	-1.2	0	0
27.02.2024	4.8	4.6	0.2	0	0

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