

# Historical cost data

**ISIN: DE000HB857J5**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
30.06.2022	1.99	1.96	0	0	0.03
05.07.2022	1.71	1.68	0	0	0.03
12.08.2022	1.73	1.7	0	0	0.03
16.02.2023	1	1.7	-0.7	0	0
06.07.2022	5.19	5.16	0	0	0.03
07.07.2022	1.69	1.66	0	0	0.03
08.07.2022	1.12	1.09	0	0	0.03
12.07.2022	1.94	1.91	0	0	0.03
13.07.2022	2.01	1.98	0	0	0.03
14.07.2022	2.64	2.61	0	0	0.03
15.07.2022	1.59	1.56	0	0	0.03
19.07.2022	1.67	1.64	0	0	0.03
20.07.2022	1.11	1.08	0	0	0.03
21.07.2022	1.12	1.09	0	0	0.03
22.07.2022	1.95	1.92	0	0	0.03
26.07.2022	2.15	2.12	0	0	0.03
27.07.2022	2.2	2.17	0	0	0.03
28.07.2022	2.56	2.53	0	0	0.03
29.07.2022	0.71	0.68	0	0	0.03
02.08.2022	1.69	1.66	0	0	0.03
03.08.2022	2.21	2.18	0	0	0.03
04.08.2022	1.66	1.63	0	0	0.03
05.08.2022	2.1	2.07	0	0	0.03
09.08.2022	2.03	2	0	0	0.03
10.08.2022	2.56	2.53	0	0	0.03
11.08.2022	1.96	1.93	0	0	0.03
16.08.2022	1.91	1.88	0	0	0.03
17.08.2022	1.9	1.87	0	0	0.03
18.08.2022	2.5	2.47	0	0	0.03
19.08.2022	1.76	1.73	0	0	0.03
23.08.2022	1.98	1.94	0	0	0.04

24.08.2022	3.01	2.97	0	0	0.04
25.08.2022	3.12	3.08	0	0	0.04
26.08.2022	1.9	1.86	0	0	0.04
30.08.2022	2.75	2.71	0	0	0.04
31.08.2022	1	0.96	0	0	0.04
01.09.2022	3.39	3.35	0	0	0.04
02.09.2022	1.82	1.78	0	0	0.04
06.09.2022	2.32	2.28	0	0	0.04
07.09.2022	1.78	1.74	0	0	0.04
08.09.2022	2.74	2.7	0	0	0.04
09.09.2022	2.45	2.41	0	0	0.04
13.09.2022	2.41	2.38	0	0	0.03
14.09.2022	3.04	3	0	0	0.04
15.09.2022	1.7	1.66	0	0	0.04
16.09.2022	4.5	4.46	0	0	0.04
20.09.2022	2.99	2.95	0	0	0.04
21.09.2022	2.53	2.48	0	0	0.05
22.09.2022	3.5	3.45	0	0	0.05
23.09.2022	3.48	3.42	0	0	0.06
27.09.2022	5.32	5.25	0	0	0.07
28.09.2022	5.02	4.95	0	0	0.07
29.09.2022	3.22	3.15	0	0	0.07
30.09.2022	0.13	0.03	0	0	0.1
04.10.2022	0.85	0.77	0	0	0.08
05.10.2022	4.2	4.14	0	0	0.06
06.10.2022	4.54	4.46	0	0	0.08
07.10.2022	3.09	3	0	0	0.09
11.10.2022	5.56	5.46	0	0	0.1
12.10.2022	4.97	4.87	0	0	0.1
13.10.2022	6.09	5.99	0	0	0.1
14.10.2022	1.95	1.87	0	0	0.08
18.10.2022	5.89	5.83	0	0	0.06
19.10.2022	2.85	2.8	0	0	0.05
20.10.2022	3.71	3.66	0	0	0.05
21.10.2022	2.09	2.04	0	0	0.05
25.10.2022	4.38	4.33	0	0	0.05
26.10.2022	4.59	4.54	0	0	0.05
27.10.2022	2.2	2.15	0	0	0.05
28.10.2022	2.21	2.17	0	0	0.04

01.11.2022	2.24	2.2	0	0	0.04
02.11.2022	2.61	2.57	0	0	0.04
03.11.2022	2.66	2.62	0	0	0.04
04.11.2022	2.98	2.93	0	0	0.05
08.11.2022	1.72	1.68	0	0	0.04
09.11.2022	2.36	2.33	0	0	0.03
10.11.2022	1.56	1.52	0	0	0.04
11.11.2022	2.47	2.44	0	0	0.03
15.11.2022	1.55	1.52	0	0	0.03
16.11.2022	2.54	2.51	0	0	0.03
17.11.2022	1.59	1.56	0	0	0.03
18.11.2022	1.88	1.84	0	0	0.04
22.11.2022	1.84	1.81	0	0	0.03
23.11.2022	1.96	1.93	0	0	0.03
24.11.2022	2.45	2.41	0	0	0.04
25.11.2022	1.84	1.8	0	0	0.04
29.11.2022	0.34	0.3	0	0	0.04
30.11.2022	1.48	1.44	0	0	0.04
01.12.2022	2.23	2.19	0	0	0.04
02.12.2022	1.82	1.78	0	0	0.04
06.12.2022	2.07	2.03	0	0	0.04
07.12.2022	2.24	2.2	0	0	0.04
08.12.2022	2.16	2.12	0	0	0.04
09.12.2022	3.03	2.98	0	0	0.05
13.12.2022	2.11	2.06	0	0	0.05
14.12.2022	2.29	2.25	0	0	0.04
15.12.2022	2.96	2.92	0	0	0.04
16.12.2022	2.68	2.63	0	0	0.05
20.12.2022	4.11	4.05	0	0	0.05
21.12.2022	3.84	3.78	0	0	0.06
22.12.2022	2.83	2.78	0	0	0.05
23.12.2022	3.66	3.61	0	0	0.05
28.12.2022	1.6	2.3	-0.8	0	0
29.12.2022	1.7	2.2	-0.5	0	0
30.12.2022	1.6	2.3	-0.7	0	0
03.01.2023	1.7	11.5	-9.8	0	0
04.01.2023	1.4	1.7	-0.3	0	0
05.01.2023	1.2	2.1	-0.9	0	0
06.01.2023	1.1	1.5	-0.5	0	0

10.01.2023	1.1	1.6	-0.6	0	0
11.01.2023	1.4	2.1	-0.7	0	0
12.01.2023	1.4	1.8	-0.5	0	0
13.01.2023	1.3	2.3	-1.1	0	0
18.01.2023	1.1	1.8	-0.7	0	0
19.01.2023	1.2	0.6	0.6	0	0
20.01.2023	1.2	2.4	-1.2	0	0
24.01.2023	1.1	2.1	-1.1	0	0
25.01.2023	1.1	1.8	-0.7	0	0
26.01.2023	1.1	2	-0.9	0	0
27.01.2023	1.1	1.3	-0.2	0	0
31.01.2023	1.1	1.3	-0.2	0	0
01.02.2023	1.1	2.8	-1.7	0	0
02.02.2023	1	1.3	-0.3	0	0
03.02.2023	0.9	1.8	-0.9	0	0
07.02.2023	0.9	1.8	-0.9	0	0
08.02.2023	0.9	1.6	-0.7	0	0
09.02.2023	1	1.5	-0.5	0	0
10.02.2023	1	1.4	-0.4	0	0
14.02.2023	1	1.3	-0.3	0	0
15.02.2023	1	1.4	-0.4	0	0
31.03.2023	1.3	2.5	-1.3	0	0
03.05.2023	1.4	2.5	-1.2	0	0
31.05.2023	2	4.3	-2.4	0	0.1
06.06.2023	1.8	3.2	-1.4	0	0.1
08.06.2023	1.9	4.1	-2.3	0	0.1
30.06.2023	1.7	3.1	-1.5	0	0.1
19.07.2023	1	1.8	-0.9	0	0
18.08.2023	0.7	1	-0.2	0	0
24.08.2023	0.7	1.3	-0.7	0	0
29.08.2023	0.7	1	-0.3	0	0
03.10.2023	0.7	1.2	-0.5	0	0
19.10.2023	0.8	1.4	-0.7	0	0
31.10.2023	1	1.4	-0.5	0	0
17.02.2023	1	1.9	-1	0	0
21.02.2023	1	1.5	-0.6	0	0
22.02.2023	1.1	2	-1	0	0
23.02.2023	1.1	1.5	-0.4	0	0
24.02.2023	1.1	1.3	-0.3	0	0

28.02.2023	1	1.7	-0.7	0	0
01.03.2023	1.2	2.7	-1.6	0	0
02.03.2023	1.1	1.8	-0.8	0	0
03.03.2023	1.1	2.2	-1.1	0	0
07.03.2023	1	1.6	-0.7	0	0
08.03.2023	1	1.3	-0.3	0	0
09.03.2023	1.1	2.4	-1.3	0	0
10.03.2023	1.1	2.3	-1.2	0	0
14.03.2023	1.2	2.1	-0.9	0	0
15.03.2023	1.2	2.5	-1.4	0	0
16.03.2023	1.5	2.3	-0.9	0	0
17.03.2023	1.4	1.7	-0.4	0	0
21.03.2023	1.4	2.3	-0.9	0	0
22.03.2023	1.4	2.9	-1.6	0	0
23.03.2023	1.4	1.8	-0.5	0	0
24.03.2023	1.4	3	-1.6	0	0
28.03.2023	1.5	2.6	-1.1	0	0
29.03.2023	1.5	2.5	-1	0	0
30.03.2023	1.4	2.4	-1.1	0	0
04.04.2023	1.2	2.3	-1.1	0	0
05.04.2023	1.3	2.6	-1.3	0	0
06.04.2023	1.5	2.5	-1	0	0.1
12.04.2023	1.4	2.7	-1.3	0	0
13.04.2023	1.3	2.3	-1	0	0
14.04.2023	1.3	2.7	-1.4	0	0
18.04.2023	1.1	1.8	-0.7	0	0
19.04.2023	1.1	1.5	-0.4	0	0
20.04.2023	1.2	1.4	-0.2	0	0
21.04.2023	1.3	2.3	-1.1	0	0
25.04.2023	1.3	1.5	-0.3	0	0
26.04.2023	1.5	2	-0.6	0	0
27.04.2023	1.5	1.7	-0.3	0	0
28.04.2023	1.4	2.9	-1.5	0	0
04.05.2023	1.5	2.2	-0.7	0	0
05.05.2023	1.7	2.4	-0.8	0	0.1
09.05.2023	1.5	3.2	-1.7	0	0
10.05.2023	1.5	2.2	-0.8	0	0.1
11.05.2023	1.6	2.8	-1.2	0	0.1
12.05.2023	1.6	2.1	-0.5	0	0.1

16.05.2023	1.6	3	-1.4	0	0.1
17.05.2023	1.7	3.1	-1.4	0	0.1
18.05.2023	1.7	2.2	-0.6	0	0.1
19.05.2023	1.6	2.6	-1.1	0	0.1
23.05.2023	1.7	2.4	-0.7	0	0.1
24.05.2023	1.7	2.7	-1.1	0	0.1
25.05.2023	1.9	3	-1.2	0	0.1
26.05.2023	1.9	4.4	-2.6	0	0.1
30.05.2023	2	4.6	-2.7	0	0.1
01.06.2023	2.4	4.8	-2.5	0	0.1
02.06.2023	2.2	4.9	-2.8	0	0.1
07.06.2023	1.8	2.8	-1	0	0.1
09.06.2023	1.8	3.6	-1.9	0	0.1
20.06.2023	2	4.1	-2.2	0	0.1
21.06.2023	1.9	4.7	-2.8	0	0.1
22.06.2023	1.7	3.6	-2	0	0.1
23.06.2023	1.7	3.3	-1.6	0	0.1
27.06.2023	1.8	3.4	-1.7	0	0.1
28.06.2023	1.8	2.6	-0.8	0	0.1
29.06.2023	1.6	3	-1.4	0	0.1
04.07.2023	1.5	2.6	-1.2	0	0.1
05.07.2023	1.4	3.1	-1.7	0	0
06.07.2023	1.5	2.2	-0.7	0	0.1
07.07.2023	1.7	2.6	-1	0	0.1
11.07.2023	1.4	2.8	-1.4	0	0
12.07.2023	1.3	2.6	-1.4	0	0
13.07.2023	1.1	2.2	-1.2	0	0
14.07.2023	1.1	2.2	-1.2	0	0
18.07.2023	1	1.6	-0.6	0	0
20.07.2023	0.9	1.7	-0.8	0	0
21.07.2023	1	1.4	-0.4	0	0
25.07.2023	1	1.3	-0.3	0	0
26.07.2023	0.9	1.2	-0.3	0	0
27.07.2023	0.9	1.5	-0.6	0	0
28.07.2023	0.8	1.6	-0.8	0	0
01.08.2023	0.8	1.9	-1.1	0	0
02.08.2023	1.6	0.8	0.8	0	0
03.08.2023	0.9	1.7	-0.9	0	0
04.08.2023	0.7	1.3	-0.7	0	0

08.08.2023	0.7	1.5	-0.8	0	0
09.08.2023	0.7	1.3	-0.6	0	0
10.08.2023	0.7	1.2	-0.5	0	0
11.08.2023	0.7	1.6	-0.9	0	0
15.08.2023	0.7	0.8	-0.1	0	0
16.08.2023	0.7	1.5	-0.8	0	0
17.08.2023	0.7	0.9	-0.2	0	0
22.08.2023	0.7	0.9	-0.2	0	0
23.08.2023	0.7	1.2	-0.5	0	0
25.08.2023	0.7	1.2	-0.5	0	0
30.08.2023	0.7	0.8	-0.1	0	0
31.08.2023	0.7	1.1	-0.5	0	0
01.09.2023	0.7	1.3	-0.6	0	0
05.09.2023	0.7	1	-0.3	0	0
06.09.2023	0.7	0.9	-0.2	0	0
07.09.2023	0.7	1	-0.3	0	0
08.09.2023	0.7	1.1	-0.4	0	0
12.09.2023	0.7	1.1	-0.4	0	0
13.09.2023	0.7	1	-0.3	0	0
14.09.2023	0.7	1.1	-0.4	0	0
15.09.2023	0.7	1.4	-0.8	0	0
19.09.2023	0.7	1.2	-0.5	0	0
20.09.2023	0.7	0.7	-0.1	0	0
21.09.2023	0.7	1.4	-0.7	0	0
22.09.2023	0.7	1	-0.3	0	0
26.09.2023	0.7	1.3	-0.6	0	0
27.09.2023	0.7	0.9	-0.2	0	0
28.09.2023	0.7	1.4	-0.7	0	0
29.09.2023	0.7	1	-0.4	0	0
04.10.2023	0.7	1	-0.3	0	0
05.10.2023	0.8	1.4	-0.6	0	0
06.10.2023	0.8	1.3	-0.5	0	0
10.10.2023	0.8	1.2	-0.5	0	0
11.10.2023	0.7	1.2	-0.4	0	0
12.10.2023	0.7	1.4	-0.7	0	0
13.10.2023	0.7	1.1	-0.4	0	0
17.10.2023	0.7	1	-0.3	0	0
18.10.2023	0.8	1.6	-0.9	0	0
20.10.2023	0.9	1.7	-0.9	0	0

24.10.2023	0.9	1.7	-0.8	0	0
25.10.2023	0.9	1.4	-0.5	0	0
26.10.2023	0.9	1.4	-0.5	0	0
27.10.2023	0.9	1.7	-0.8	0	0
06.12.2023	0.5	1	-0.5	0	0
04.01.2024	0.6	0.5	0	0	0
18.01.2024	0.8	0.6	0.1	0	0
26.01.2024	0.7	0.5	0.2	0	0
01.02.2024	0.7	0.7	0	0	0
20.02.2024	0.8	0.6	0.2	0	0
13.03.2024	0.9	0.5	0.3	0	0
20.03.2024	0.9	0.7	0.2	0	0
26.03.2024	0.9	0.7	0.2	0	0
09.04.2024	1	1.4	-0.5	0	0
19.04.2024	1.1	0.5	0.5	0	0
23.04.2024	1	0.8	0.1	0	0
10.05.2024	0.9	1.3	-0.4	0	0
21.05.2024	0.7	2.1	-1.4	0	0
05.06.2024	0.8	0.8	0	0	0
18.06.2024	1.1	1.3	-0.3	0	0
19.06.2024	1	0.5	0.5	0	0
25.06.2024	1.1	1.1	0	0	0
10.07.2024	1.5	1.9	-0.5	0	0
11.07.2024	1.4	1.7	-0.3	0	0
09.07.2024	1.3	0.9	0.4	0	0
01.11.2023	0.9	1.6	-0.7	0	0
02.11.2023	0.9	1.4	-0.5	0	0
03.11.2023	0.6	0.8	-0.2	0	0
07.11.2023	0.6	1.2	-0.6	0	0
08.11.2023	0.6	1.3	-0.7	0	0
09.11.2023	0.6	0.9	-0.3	0	0
10.11.2023	0.6	1.1	-0.5	0	0
14.11.2023	0.6	1	-0.4	0	0
15.11.2023	0.6	0.8	-0.3	0	0
16.11.2023	0.6	0.8	-0.2	0	0
17.11.2023	0.6	0.6	-0.1	0	0
21.11.2023	0.6	1.1	-0.6	0	0
22.11.2023	0.6	0.9	-0.3	0	0
23.11.2023	0.6	1	-0.4	0	0



24.11.2023	0.6	0.7	-0.2	0	0
28.11.2023	0.6	1	-0.4	0	0
29.11.2023	0.6	1	-0.5	0	0
30.11.2023	0.5	0.9	-0.4	0	0
01.12.2023	0.5	1.8	-1.3	0	0
05.12.2023	0.5	1	-0.4	0	0
07.12.2023	0.6	1.1	-0.6	0	0
08.12.2023	0.6	1.1	-0.5	0	0
12.12.2023	0.5	1.1	-0.6	0	0
13.12.2023	0.5	1	-0.5	0	0
14.12.2023	0.6	0.7	-0.2	0	0
15.12.2023	0.5	0.6	-0.1	0	0
19.12.2023	0.5	0.9	-0.4	0	0
20.12.2023	0.5	0.9	-0.3	0	0
21.12.2023	0.5	0.8	-0.3	0	0
22.12.2023	0.6	0.8	-0.3	0	0
28.12.2023	0.6	1.1	-0.6	0	0
29.12.2023	0.5	0.8	-0.3	0	0
03.01.2024	1.1	0.8	0.2	0	0
05.01.2024	0.6	0.4	0.1	0	0
09.01.2024	0.6	0.4	0.2	0	0
10.01.2024	0.6	0.7	-0.1	0	0
11.01.2024	0.7	0.9	-0.3	0	0
12.01.2024	0.6	0.5	0.1	0	0
16.01.2024	0.7	0.9	-0.2	0	0
17.01.2024	0.7	0.5	0.2	0	0
19.01.2024	0.8	0.8	0	0	0
23.01.2024	0.8	0.7	0	0	0
24.01.2024	0.8	1.2	-0.4	0	0
25.01.2024	0.8	1	-0.3	0	0
30.01.2024	0.7	0.7	0	0	0
31.01.2024	0.7	0.5	0.2	0	0
02.02.2024	0.7	0.6	0.1	0	0
06.02.2024	0.7	0.8	-0.1	0	0
07.02.2024	0.7	0.8	-0.1	0	0
08.02.2024	0.7	0.9	-0.2	0	0
09.02.2024	0.7	0.4	0.3	0	0
13.02.2024	0.8	0.8	0	0	0
14.02.2024	0.8	1.1	-0.3	0	0

15.02.2024	0.8	1	-0.2	0	0
16.02.2024	0.8	0.5	0.2	0	0
21.02.2024	0.8	0.9	-0.1	0	0
22.02.2024	0.8	0.9	-0.1	0	0
23.02.2024	0.7	0.8	-0.1	0	0
27.02.2024	0.8	0.5	0.2	0	0
28.02.2024	0.7	0.5	0.2	0	0
29.02.2024	0.8	0.6	0.1	0	0
01.03.2024	0.9	0.8	0	0	0
05.03.2024	0.9	0.8	0.1	0	0
06.03.2024	0.9	0.9	0	0	0
07.03.2024	0.9	0.5	0.3	0	0
08.03.2024	0.9	1.2	-0.4	0	0
12.03.2024	0.9	0.5	0.4	0	0
14.03.2024	0.9	1	-0.1	0	0
15.03.2024	0.9	0.6	0.3	0	0
19.03.2024	0.9	0.7	0.1	0	0
21.03.2024	0.9	1.3	-0.3	0	0
22.03.2024	0.9	0.9	0	0	0
27.03.2024	0.9	0.9	0	0	0
28.03.2024	0.9	1.4	-0.6	0	0
03.04.2024	1	0.6	0.4	0	0
04.04.2024	1	1.1	-0.2	0	0
05.04.2024	1	0.7	0.3	0	0
10.04.2024	1	1.4	-0.5	0	0
11.04.2024	1	0.5	0.5	0	0
12.04.2024	1	1.1	-0.2	0	0
16.04.2024	1	0.9	0.1	0	0
17.04.2024	1.2	1.6	-0.5	0	0
18.04.2024	1.1	1	0.1	0	0
24.04.2024	1.1	1.1	0	0	0
26.04.2024	1.1	1.1	0	0	0
30.04.2024	1	1.1	-0.1	0	0
03.05.2024	1	1.1	-0.1	0	0
07.05.2024	1	0.5	0.5	0	0
08.05.2024	1	1.4	-0.4	0	0
09.05.2024	0.9	0.7	0.2	0	0
14.05.2024	0.7	1.1	-0.4	0	0
15.05.2024	0.8	0.6	0.1	0	0

16.05.2024	0.7	0.8	-0.1	0	0
17.05.2024	0.7	0.7	0	0	0
22.05.2024	0.8	0.7	0.1	0	0
23.05.2024	0.8	1	-0.3	0	0
24.05.2024	0.7	0.5	0.2	0	0
28.05.2024	0.7	0.9	-0.1	0	0
29.05.2024	0.8	1	-0.3	0	0
30.05.2024	0.8	0.9	-0.1	0	0
31.05.2024	0.8	0.4	0.4	0	0
04.06.2024	0.8	0.8	-0.1	0	0
06.06.2024	0.9	0.7	0.1	0	0
07.06.2024	0.9	0.6	0.2	0	0
11.06.2024	0.9	1.3	-0.4	0	0
12.06.2024	1	1.4	-0.4	0	0
13.06.2024	0.9	1.1	-0.2	0	0
14.06.2024	1	1.2	-0.2	0	0
20.06.2024	1	1.4	-0.4	0	0
21.06.2024	1	0.9	0.1	0	0
26.06.2024	1.1	1.2	-0.1	0	0
27.06.2024	1.3	1.9	-0.7	0	0
28.06.2024	1.3	1.2	0.1	0	0
02.07.2024	1.3	0.6	0.6	0	0
03.07.2024	1.2	1.1	0.1	0	0
04.07.2024	1.1	1.4	-0.3	0	0
05.07.2024	1.2	0.9	0.2	0	0

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