

# Historical cost data

**ISIN: DE000HB5JDA3**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
13.04.2022	1.95	1.92	0	0	0.03
20.04.2022	2.36	2.33	0	0	0.03
29.11.2022	-0.39	-0.42	0	0	0.03
21.04.2022	1.21	1.19	0	0	0.02
22.04.2022	1.93	1.91	0	0	0.02
26.04.2022	4.09	4.06	0	0	0.03
27.04.2022	3.15	3.12	0	0	0.03
28.04.2022	2.26	2.23	0	0	0.03
29.04.2022	0	-0.03	0	0	0.03
03.05.2022	1.98	1.95	0	0	0.03
04.05.2022	1.92	1.89	0	0	0.03
05.05.2022	2.96	2.93	0	0	0.03
06.05.2022	0.47	0.44	0	0	0.03
10.05.2022	2.5	2.47	0	0	0.03
11.05.2022	5.74	5.7	0	0	0.04
12.05.2022	1.17	1.14	0	0	0.03
13.05.2022	-0.54	-0.57	0	0	0.03
17.05.2022	2.52	2.49	0	0	0.03
18.05.2022	1.51	1.49	0	0	0.02
19.05.2022	0.75	0.72	0	0	0.03
20.05.2022	-0.59	-0.62	0	0	0.03
24.05.2022	1.7	1.67	0	0	0.03
25.05.2022	0.97	0.94	0	0	0.03
26.05.2022	3.28	3.25	0	0	0.03
27.05.2022	2.07	2.04	0	0	0.03
31.05.2022	1.67	1.65	0	0	0.02
01.06.2022	1.71	1.69	0	0	0.02
02.06.2022	2.38	2.36	0	0	0.02
03.06.2022	1.13	1.11	0	0	0.02
07.06.2022	1.86	1.84	0	0	0.02
08.06.2022	0.68	0.66	0	0	0.02

09.06.2022	2.07	2.05	0	0	0.02
10.06.2022	2.47	2.44	0	0	0.03
14.06.2022	3.22	3.17	0	0	0.05
15.06.2022	6.13	6.08	0	0	0.05
16.06.2022	2.04	2	0	0	0.04
17.06.2022	4.15	4.08	0	0	0.07
21.06.2022	4.92	4.86	0	0	0.06
22.06.2022	2.22	2.17	0	0	0.05
23.06.2022	3.8	3.75	0	0	0.05
24.06.2022	3.81	3.74	0	0	0.07
28.06.2022	3.58	3.53	0	0	0.05
29.06.2022	3.11	3.06	0	0	0.05
30.06.2022	6.52	6.46	0	0	0.06
01.07.2022	-0.67	-0.75	0	0	0.08
05.07.2022	9.63	9.47	0	0	0.16
06.07.2022	19.23	18.98	0	0	0.25
07.07.2022	10.87	10.73	0	0	0.14
08.07.2022	9.16	9.07	0	0	0.09
12.07.2022	6.39	6.3	0	0	0.09
13.07.2022	4.57	4.48	0	0	0.09
14.07.2022	-4.26	-4.35	0	0	0.09
15.07.2022	0.98	0.88	0	0	0.1
19.07.2022	4.56	4.49	0	0	0.07
20.07.2022	2.93	2.88	0	0	0.05
21.07.2022	2.57	2.52	0	0	0.05
22.07.2022	1.9	1.86	0	0	0.04
26.07.2022	2.57	2.52	0	0	0.05
27.07.2022	3.31	3.26	0	0	0.05
28.07.2022	4.05	4.01	0	0	0.04
29.07.2022	0.64	0.6	0	0	0.04
02.08.2022	1.64	1.6	0	0	0.04
03.08.2022	3.23	3.19	0	0	0.04
04.08.2022	1.77	1.74	0	0	0.03
05.08.2022	1.73	1.7	0	0	0.03
09.08.2022	2.11	2.08	0	0	0.03
10.08.2022	2.93	2.89	0	0	0.04
11.08.2022	1.68	1.65	0	0	0.03
12.08.2022	2.24	2.21	0	0	0.03
16.08.2022	1.62	1.59	0	0	0.03

17.08.2022	1.69	1.66	0	0	0.03
18.08.2022	2.77	2.73	0	0	0.04
19.08.2022	1.87	1.83	0	0	0.04
23.08.2022	3.84	3.79	0	0	0.05
24.08.2022	3.8	3.75	0	0	0.05
25.08.2022	2.3	2.25	0	0	0.05
26.08.2022	2.79	2.75	0	0	0.04
30.08.2022	3.02	2.96	0	0	0.06
31.08.2022	-6.43	-6.48	0	0	0.05
01.09.2022	6.42	6.36	0	0	0.06
02.09.2022	4.81	4.73	0	0	0.08
06.09.2022	3.47	3.4	0	0	0.07
07.09.2022	1.78	1.71	0	0	0.07
08.09.2022	3.92	3.86	0	0	0.06
09.09.2022	1.84	1.78	0	0	0.06
13.09.2022	2.69	2.64	0	0	0.05
14.09.2022	3.67	3.61	0	0	0.06
15.09.2022	1.84	1.78	0	0	0.06
16.09.2022	5.19	5.13	0	0	0.06
20.09.2022	4.35	4.29	0	0	0.06
21.09.2022	3.04	2.97	0	0	0.07
22.09.2022	2.14	2.08	0	0	0.06
23.09.2022	7.79	7.71	0	0	0.08
27.09.2022	9.78	9.68	0	0	0.1
28.09.2022	3.5	3.41	0	0	0.09
29.09.2022	3.9	3.8	0	0	0.1
30.09.2022	9.5	9.34	0	0	0.16
04.10.2022	9.25	9.13	0	0	0.12
05.10.2022	2.2	2.13	0	0	0.07
06.10.2022	2.36	2.3	0	0	0.06
07.10.2022	1.33	1.27	0	0	0.06
11.10.2022	6.71	6.63	0	0	0.08
12.10.2022	10.85	10.74	0	0	0.11
13.10.2022	5.18	5.08	0	0	0.1
14.10.2022	8.1	8	0	0	0.1
18.10.2022	5.37	5.29	0	0	0.08
19.10.2022	3.66	3.6	0	0	0.06
20.10.2022	7.96	7.89	0	0	0.07
21.10.2022	2.85	2.79	0	0	0.06

25.10.2022	1.81	1.75	0	0	0.06
26.10.2022	3.48	3.43	0	0	0.05
27.10.2022	3.14	3.09	0	0	0.05
28.10.2022	3.22	3.16	0	0	0.06
01.11.2022	2.71	2.64	0	0	0.07
02.11.2022	4.01	3.94	0	0	0.07
03.11.2022	3.02	2.95	0	0	0.07
04.11.2022	4.72	4.64	0	0	0.08
08.11.2022	2.88	2.83	0	0	0.05
09.11.2022	2.02	1.98	0	0	0.04
10.11.2022	0.47	0.43	0	0	0.04
11.11.2022	2.51	2.48	0	0	0.03
15.11.2022	0.96	0.93	0	0	0.03
16.11.2022	1.11	1.08	0	0	0.03
17.11.2022	1.7	1.67	0	0	0.03
18.11.2022	1.38	1.35	0	0	0.03
22.11.2022	0.84	0.81	0	0	0.03
23.11.2022	0.77	0.74	0	0	0.03
24.11.2022	1.34	1.31	0	0	0.03
25.11.2022	0.79	0.76	0	0	0.03
23.02.2023	0.8	1.1	-0.4	0	0
24.03.2023	0.7	1.2	-0.5	0	0
09.05.2023	0.9	1.5	-0.7	0	0
28.07.2023	0.6	1	-0.4	0	0
30.11.2022	0.93	0.9	0	0	0.03
01.12.2022	1.92	1.89	0	0	0.03
02.12.2022	1.5	1.47	0	0	0.03
06.12.2022	1.13	1.1	0	0	0.03
07.12.2022	2.15	2.12	0	0	0.03
08.12.2022	2.03	2	0	0	0.03
09.12.2022	0.71	0.68	0	0	0.03
13.12.2022	1.75	1.72	0	0	0.03
14.12.2022	1.57	1.54	0	0	0.03
15.12.2022	0.94	0.62	0	0	0.32
16.12.2022	1.08	1.04	0	0	0.03
20.12.2022	1.56	1.52	0	0	0.04
21.12.2022	1.21	1.03	0	0	0.19
22.12.2022	1.22	1.19	0	0	0.04
23.12.2022	2.48	2.44	0	0	0.04

28.12.2022	1.4	1.5	-0.1	0	0
29.12.2022	1.5	1.4	0	0	0
30.12.2022	1.3	1.9	-0.6	0	0
03.01.2023	1.4	2	-0.7	0	0
04.01.2023	1.3	1.9	-0.6	0	0
05.01.2023	1.2	1.4	-0.3	0	0
06.01.2023	1.2	1.5	-0.4	0	0
10.01.2023	1	1.7	-0.7	0	0
11.01.2023	1	1.3	-0.3	0	0
12.01.2023	1	1.3	-0.2	0	0
13.01.2023	1	1.2	-0.3	0	0
18.01.2023	0.9	3.7	-2.8	0	0
19.01.2023	1	0.5	0.5	0	0
20.01.2023	1	1.3	-0.3	0	0
24.01.2023	1	1.6	-0.7	0	0
25.01.2023	1	1.4	-0.4	0	0
26.01.2023	1	1.1	-0.2	0	0
27.01.2023	0.8	1	-0.2	0	0
31.01.2023	0.9	0.6	0.2	0	0
01.02.2023	0.9	1.2	-0.4	0	0
02.02.2023	0.8	0.8	0	0	0
03.02.2023	0.7	0.6	0.1	0	0
07.02.2023	0.7	0.6	0.1	0	0
08.02.2023	0.7	1.2	-0.5	0	0
09.02.2023	0.7	1.2	-0.5	0	0
10.02.2023	0.7	1	-0.4	0	0
14.02.2023	0.7	0.9	-0.2	0	0
15.02.2023	0.7	1	-0.3	0	0
16.02.2023	0.7	1.1	-0.4	0	0
17.02.2023	0.7	0.6	0.1	0	0
21.02.2023	0.7	1.3	-0.6	0	0
22.02.2023	0.8	1.2	-0.5	0	0
24.02.2023	0.7	1.2	-0.4	0	0
28.02.2023	0.8	1.4	-0.7	0	0
01.03.2023	0.8	1	-0.2	0	0
02.03.2023	0.8	1.1	-0.3	0	0
03.03.2023	0.8	0.9	-0.1	0	0
07.03.2023	0.8	0.8	-0.1	0	0
08.03.2023	0.8	1.2	-0.4	0	0

09.03.2023	0.7	0.6	0.1	0	0
10.03.2023	0.7	0.7	0	0	0
14.03.2023	0.8	1.3	-0.6	0	0
15.03.2023	0.8	0.8	-0.1	0	0
16.03.2023	0.8	1.3	-0.5	0	0
17.03.2023	0.8	1.3	-0.6	0	0
21.03.2023	0.8	0.8	-0.1	0	0
22.03.2023	0.8	1.2	-0.5	0	0
23.03.2023	0.7	0.9	-0.2	0	0
28.03.2023	0.8	0.8	-0.1	0	0
29.03.2023	0.8	1.4	-0.6	0	0
30.03.2023	0.7	0.7	0	0	0
31.03.2023	0.6	1	-0.4	0	0
04.04.2023	0.7	0.6	0	0	0
05.04.2023	0.7	0.9	-0.3	0	0
06.04.2023	0.7	1.2	-0.5	0	0
12.04.2023	0.7	1	-0.2	0	0
13.04.2023	0.7	1.2	-0.5	0	0
14.04.2023	0.7	0.7	0	0	0
18.04.2023	0.7	0.8	-0.1	0	0
19.04.2023	0.7	0.7	0	0	0
20.04.2023	0.7	0.6	0.1	0	0
21.04.2023	0.8	0.9	-0.2	0	0
25.04.2023	0.8	1.2	-0.4	0	0
26.04.2023	0.8	1.3	-0.5	0	0
27.04.2023	0.8	1	-0.2	0	0
28.04.2023	0.9	1.4	-0.5	0	0
03.05.2023	0.8	1.1	-0.3	0	0
04.05.2023	0.8	1	-0.2	0	0
05.05.2023	0.9	0.9	-0.1	0	0
10.05.2023	0.9	1.1	-0.3	0	0
11.05.2023	0.9	1.1	-0.3	0	0
12.05.2023	0.9	1	-0.2	0	0
16.05.2023	0.9	0.8	0	0	0
17.05.2023	0.8	0.8	-0.1	0	0
18.05.2023	0.8	1.2	-0.4	0	0
19.05.2023	0.7	0.9	-0.2	0	0
23.05.2023	0.7	0.8	-0.1	0	0
24.05.2023	0.7	0.8	-0.1	0	0

25.05.2023	0.8	0.7	0.1	0	0
26.05.2023	0.9	0.6	0.2	0	0
30.05.2023	0.8	1.2	-0.4	0	0
31.05.2023	0.8	0.6	0.1	0	0
01.06.2023	0.8	1	-0.2	0	0
02.06.2023	0.7	1.2	-0.5	0	0
06.06.2023	0.7	1	-0.2	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	-0.3	0	0
20.06.2023	0.6	0.8	-0.1	0	0
21.06.2023	0.7	0.5	0.1	0	0
22.06.2023	0.7	1.1	-0.4	0	0
23.06.2023	0.7	1	-0.4	0	0
27.06.2023	0.7	1	-0.3	0	0
28.06.2023	0.7	1.2	-0.5	0	0
29.06.2023	0.7	1.3	-0.7	0	0
30.06.2023	0.7	1	-0.4	0	0
04.07.2023	0.7	1.1	-0.5	0	0
05.07.2023	0.7	1.2	-0.5	0	0
06.07.2023	0.7	1.2	-0.5	0	0
07.07.2023	0.8	1.3	-0.5	0	0
11.07.2023	0.7	0.8	-0.2	0	0
12.07.2023	0.7	1.2	-0.5	0	0
13.07.2023	0.6	0.8	-0.2	0	0
14.07.2023	0.6	0.8	-0.2	0	0
18.07.2023	0.6	0.6	0	0	0
19.07.2023	0.6	0.9	-0.3	0	0
20.07.2023	0.7	1.1	-0.5	0	0
21.07.2023	0.7	1.2	-0.6	0	0
25.07.2023	0.7	0.8	-0.2	0	0
26.07.2023	0.7	1.1	-0.5	0	0
27.07.2023	0.7	1.1	-0.4	0	0
24.08.2023	0.9	1.5	-0.6	0	0
15.09.2023	0.9	1.8	-0.8	0	0
19.10.2023	1.1	1.7	-0.6	0	0.1
03.01.2024	0.7	1.4	-0.7	0	0
20.03.2024	1.2	1	0.1	0	0.1
01.08.2023	0.6	0.4	0.1	0	0

02.08.2023	0.6	0.9	-0.3	0	0
03.08.2023	0.6	0.5	0.1	0	0
04.08.2023	0.8	1.6	-0.8	0	0
08.08.2023	0.8	1.4	-0.6	0	0
09.08.2023	0.9	1.3	-0.5	0	0
10.08.2023	0.8	1.2	-0.4	0	0
11.08.2023	0.8	1	-0.2	0	0
15.08.2023	0.9	1.1	-0.2	0	0
16.08.2023	0.9	1.7	-0.8	0	0
17.08.2023	0.9	1.7	-0.8	0	0
18.08.2023	1	1.2	-0.3	0	0
22.08.2023	1	1.5	-0.6	0	0
23.08.2023	0.9	1.3	-0.4	0	0
25.08.2023	1	1.3	-0.3	0	0
29.08.2023	1	1.2	-0.3	0	0
30.08.2023	0.9	1.4	-0.5	0	0
31.08.2023	0.9	1.1	-0.2	0	0
01.09.2023	0.9	1.2	-0.3	0	0
05.09.2023	0.9	1.6	-0.7	0	0
06.09.2023	0.9	1.5	-0.6	0	0
07.09.2023	0.9	1.2	-0.3	0	0
08.09.2023	1	1.5	-0.5	0	0
12.09.2023	1	1.2	-0.3	0	0
13.09.2023	1	1.7	-0.8	0	0
14.09.2023	1	1.1	-0.1	0	0
19.09.2023	1.1	1.6	-0.6	0	0
20.09.2023	1.1	1.2	-0.1	0	0
21.09.2023	1.1	1.4	-0.4	0	0
22.09.2023	1.1	1.9	-0.9	0	0
26.09.2023	1.2	1.9	-0.8	0	0
27.09.2023	1.2	1.2	-0.1	0	0.1
28.09.2023	1.2	2.3	-1.1	0	0
29.09.2023	1.1	1.4	-0.3	0	0
03.10.2023	1.1	1.5	-0.4	0	0
04.10.2023	1.1	1.9	-0.8	0	0
05.10.2023	1	1.7	-0.7	0	0
06.10.2023	1	1.2	-0.2	0	0
10.10.2023	1	1.6	-0.6	0	0
11.10.2023	1	1.1	-0.1	0	0



12.10.2023	1	0.8	0.1	0	0
13.10.2023	0.9	1.8	-0.9	0	0
17.10.2023	1	1.6	-0.6	0	0
18.10.2023	1.1	1	0.1	0	0
20.10.2023	1.3	1.5	-0.3	0	0.1
24.10.2023	1.5	2.5	-1.1	0	0.1
25.10.2023	1.4	2.4	-1	0	0.1
26.10.2023	1.5	2.6	-1.1	0	0.1
27.10.2023	1.4	1.2	0.2	0	0.1
31.10.2023	1.9	3.6	-1.7	0	0.1
01.11.2023	1.9	1.8	0.1	0	0.1
02.11.2023	1.9	2.8	-1	0	0.1
03.11.2023	1.6	2.1	-0.6	0	0.1
07.11.2023	1.5	2	-0.6	0	0.1
08.11.2023	1.4	1.8	-0.5	0	0.1
09.11.2023	1.4	2.3	-0.9	0	0.1
10.11.2023	1.4	1.5	-0.2	0	0.1
14.11.2023	1.4	2.5	-1.1	0	0.1
15.11.2023	1.2	1.6	-0.4	0	0.1
16.11.2023	0.9	1.6	-0.8	0	0
17.11.2023	0.9	0.9	-0.1	0	0
21.11.2023	0.9	1.5	-0.7	0	0
22.11.2023	0.9	2	-1.1	0	0
23.11.2023	0.9	2.2	-1.3	0	0
24.11.2023	0.9	1.8	-0.9	0	0
28.11.2023	0.9	1.8	-0.9	0	0
29.11.2023	0.9	1.9	-1.1	0	0
30.11.2023	0.8	1.8	-1.1	0	0
01.12.2023	0.8	1.6	-0.9	0	0
05.12.2023	0.8	1.4	-0.7	0	0
06.12.2023	0.8	1.3	-0.6	0	0
07.12.2023	0.7	1.5	-0.8	0	0
08.12.2023	0.7	1.6	-0.9	0	0
12.12.2023	0.7	1.5	-0.8	0	0
13.12.2023	0.7	1.6	-0.9	0	0
14.12.2023	0.7	1.4	-0.8	0	0
15.12.2023	0.7	1	-0.4	0	0
19.12.2023	0.7	1.6	-0.9	0	0
20.12.2023	0.7	0.9	-0.3	0	0

21.12.2023	0.7	1.1	-0.4	0	0
22.12.2023	0.7	1.1	-0.5	0	0
28.12.2023	0.7	1	-0.4	0	0
29.12.2023	0.7	1.4	-0.8	0	0
04.01.2024	0.8	1.4	-0.6	0	0
05.01.2024	0.8	1.9	-1.1	0	0
09.01.2024	0.8	1.7	-0.9	0	0
10.01.2024	0.8	1.8	-1.1	0	0
11.01.2024	0.8	1.6	-0.8	0	0
12.01.2024	0.9	1.3	-0.5	0	0
16.01.2024	0.9	1.7	-0.9	0	0
17.01.2024	0.9	2	-1.1	0	0
18.01.2024	1	1.3	-0.3	0	0
19.01.2024	0.9	1	-0.1	0	0
23.01.2024	0.9	1	-0.2	0	0
24.01.2024	0.8	0.6	0.2	0	0
25.01.2024	0.8	0.9	-0.1	0	0
26.01.2024	0.9	0.6	0.2	0	0
30.01.2024	0.9	1.1	-0.2	0	0
31.01.2024	0.9	0.5	0.4	0	0
01.02.2024	0.9	0.8	0.1	0	0
02.02.2024	1	0.7	0.2	0	0
06.02.2024	0.9	0.7	0.1	0	0
07.02.2024	0.9	1	-0.1	0	0
08.02.2024	1.1	1.4	-0.3	0	0
09.02.2024	1	1	-0.1	0	0
13.02.2024	0.9	1.1	-0.3	0	0
14.02.2024	1	1.1	-0.1	0	0
15.02.2024	1	0.7	0.2	0	0
16.02.2024	0.9	1.4	-0.5	0	0
20.02.2024	1	1.5	-0.6	0	0
21.02.2024	1	0.9	0.1	0	0
22.02.2024	1	0.7	0.2	0	0
23.02.2024	1	0.8	0.2	0	0
27.02.2024	0.9	1	-0.1	0	0
28.02.2024	0.8	0.4	0.4	0	0
29.02.2024	1	0.5	0.5	0	0
01.03.2024	1	1	0	0	0
05.03.2024	0.9	0.7	0.1	0	0

06.03.2024	1	1	0	0	0
07.03.2024	0.9	0.9	0	0	0
08.03.2024	0.9	0.7	0.1	0	0
12.03.2024	0.9	0.7	0.2	0	0
13.03.2024	0.8	0.7	0.1	0	0
14.03.2024	0.8	1.1	-0.3	0	0
15.03.2024	0.9	0.9	0	0	0
19.03.2024	1.1	1	0	0	0
10.05.2024	0.7	0.4	0.4	0	0
09.05.2024	0.8	0.4	0.3	0	0
21.03.2024	1.2	1.6	-0.4	0	0.1
22.03.2024	1.1	1	0.1	0	0.1
26.03.2024	1.2	2.1	-1	0	0.1
27.03.2024	1.2	0.6	0.5	0	0.1
28.03.2024	1.2	1.5	-0.4	0	0.1
03.04.2024	1.3	0.6	0.6	0	0.1
04.04.2024	1.1	0.5	0.5	0	0.1
05.04.2024	1.1	1.4	-0.4	0	0.1
09.04.2024	1	1.1	-0.1	0	0
10.04.2024	1	0.5	0.4	0	0
11.04.2024	0.9	1	-0.1	0	0
12.04.2024	1	1	0	0	0
16.04.2024	1.1	0.7	0.3	0	0
17.04.2024	1.1	0.8	0.3	0	0.1
18.04.2024	1.2	1.1	0	0	0.1
19.04.2024	1.3	1.6	-0.4	0	0.1
23.04.2024	1.4	1.7	-0.3	0	0.1
24.04.2024	1.4	1.7	-0.3	0	0.1
26.04.2024	1	0.9	0.1	0	0
30.04.2024	1	0.6	0.3	0	0
03.05.2024	1.2	1.6	-0.5	0	0.1
07.05.2024	1.1	0.5	0.5	0	0.1
08.05.2024	0.8	0.8	-0.1	0	0

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