

# Historical cost data

**ISIN: DE000HB5JD90**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
13.04.2022	2.3	2.27	0	0	0.03
20.04.2022	2.65	2.62	0	0	0.03
10.08.2022	1.64	1.6	0	0	0.04
30.09.2022	4.98	4.83	0	0	0.15
11.10.2022	4.52	4.44	0	0	0.08
18.11.2022	1.57	1.54	0	0	0.03
06.12.2022	1.32	1.29	0	0	0.03
21.04.2022	1.5	1.48	0	0	0.02
22.04.2022	2.2	2.18	0	0	0.02
26.04.2022	4.35	4.32	0	0	0.03
27.04.2022	3.45	3.42	0	0	0.03
28.04.2022	2.61	2.58	0	0	0.03
29.04.2022	1.68	1.65	0	0	0.03
03.05.2022	2.33	2.3	0	0	0.03
04.05.2022	2.27	2.24	0	0	0.03
05.05.2022	3.25	3.22	0	0	0.03
06.05.2022	0.81	0.78	0	0	0.03
10.05.2022	1.25	1.22	0	0	0.03
11.05.2022	2.72	2.68	0	0	0.04
12.05.2022	1.54	1.51	0	0	0.03
13.05.2022	1.38	1.35	0	0	0.03
17.05.2022	3.99	3.97	0	0	0.02
18.05.2022	0.6	0.58	0	0	0.02
19.05.2022	1.06	1.03	0	0	0.03
20.05.2022	1.55	1.52	0	0	0.03
24.05.2022	2	1.97	0	0	0.03
25.05.2022	4.18	4.15	0	0	0.03
26.05.2022	3.6	3.57	0	0	0.03
27.05.2022	2.38	2.35	0	0	0.03
31.05.2022	1.92	1.9	0	0	0.02
01.06.2022	1.98	1.96	0	0	0.02

02.06.2022	1.52	1.5	0	0	0.02
03.06.2022	1.39	1.37	0	0	0.02
07.06.2022	1.03	1.01	0	0	0.02
08.06.2022	0.97	0.95	0	0	0.02
09.06.2022	1.14	1.12	0	0	0.02
10.06.2022	2.77	2.74	0	0	0.03
14.06.2022	3.7	3.65	0	0	0.05
15.06.2022	6.59	6.54	0	0	0.05
16.06.2022	2.53	2.49	0	0	0.04
17.06.2022	1.62	1.55	0	0	0.07
21.06.2022	2.87	2.82	0	0	0.05
22.06.2022	2.76	2.71	0	0	0.05
23.06.2022	4.35	4.3	0	0	0.05
24.06.2022	4.45	4.39	0	0	0.06
28.06.2022	4.07	4.02	0	0	0.05
29.06.2022	3.62	3.57	0	0	0.05
30.06.2022	7.01	6.95	0	0	0.06
01.07.2022	0.23	0.15	0	0	0.08
05.07.2022	10.62	10.47	0	0	0.15
06.07.2022	20.44	20.22	0	0	0.22
07.07.2022	6.11	5.98	0	0	0.13
08.07.2022	9.8	9.71	0	0	0.09
12.07.2022	7.11	7.03	0	0	0.08
13.07.2022	5.4	5.31	0	0	0.09
14.07.2022	5.25	5.17	0	0	0.08
15.07.2022	2.16	2.06	0	0	0.1
19.07.2022	5.2	5.13	0	0	0.07
20.07.2022	3.5	3.45	0	0	0.05
21.07.2022	3.09	3.04	0	0	0.05
22.07.2022	4.42	4.38	0	0	0.04
26.07.2022	3.07	3.02	0	0	0.05
27.07.2022	3.83	3.78	0	0	0.05
28.07.2022	2.47	2.43	0	0	0.04
29.07.2022	1.11	1.07	0	0	0.04
02.08.2022	1.98	1.95	0	0	0.03
03.08.2022	1.99	1.95	0	0	0.04
04.08.2022	2.09	2.06	0	0	0.03
05.08.2022	2	1.97	0	0	0.03
09.08.2022	2.42	2.39	0	0	0.03

11.08.2022	2.02	1.99	0	0	0.03
12.08.2022	2.55	2.52	0	0	0.03
16.08.2022	1.94	1.91	0	0	0.03
17.08.2022	2.03	2	0	0	0.03
18.08.2022	3.13	3.09	0	0	0.04
19.08.2022	2.24	2.2	0	0	0.04
23.08.2022	2.18	2.13	0	0	0.05
24.08.2022	2.18	2.13	0	0	0.05
25.08.2022	2.76	2.71	0	0	0.05
26.08.2022	3.18	3.14	0	0	0.04
30.08.2022	3.58	3.52	0	0	0.06
31.08.2022	-3.16	-3.21	0	0	0.05
01.09.2022	6.85	6.79	0	0	0.06
02.09.2022	5.4	5.32	0	0	0.08
06.09.2022	4.01	3.94	0	0	0.07
07.09.2022	-0.29	-0.35	0	0	0.06
08.09.2022	4.43	4.37	0	0	0.06
09.09.2022	2.37	2.31	0	0	0.06
13.09.2022	3.07	3.03	0	0	0.04
14.09.2022	4.13	4.07	0	0	0.06
15.09.2022	-0.17	-0.23	0	0	0.06
16.09.2022	5.66	5.6	0	0	0.06
20.09.2022	2.39	2.33	0	0	0.06
21.09.2022	3.61	3.54	0	0	0.07
22.09.2022	2.64	2.58	0	0	0.06
23.09.2022	5.53	5.46	0	0	0.07
27.09.2022	6.84	6.74	0	0	0.1
28.09.2022	0.85	0.77	0	0	0.08
29.09.2022	4.7	4.6	0	0	0.1
04.10.2022	2.26	2.15	0	0	0.11
05.10.2022	2.75	2.68	0	0	0.07
06.10.2022	2.83	2.77	0	0	0.06
07.10.2022	1.79	1.73	0	0	0.06
12.10.2022	11.31	11.2	0	0	0.11
13.10.2022	2.53	2.44	0	0	0.09
14.10.2022	-9.04	-9.13	0	0	0.09
18.10.2022	5.84	5.77	0	0	0.07
19.10.2022	4.1	4.04	0	0	0.06
20.10.2022	8.32	8.25	0	0	0.07

21.10.2022	1.19	1.13	0	0	0.06
25.10.2022	0.22	0.16	0	0	0.06
26.10.2022	3.81	3.76	0	0	0.05
27.10.2022	1.74	1.69	0	0	0.05
28.10.2022	1.51	1.45	0	0	0.06
01.11.2022	3.23	3.16	0	0	0.07
02.11.2022	4.47	4.4	0	0	0.07
03.11.2022	3.49	3.42	0	0	0.07
04.11.2022	2.71	2.63	0	0	0.08
08.11.2022	1.56	1.51	0	0	0.05
09.11.2022	2.31	2.27	0	0	0.04
10.11.2022	0.81	0.77	0	0	0.04
11.11.2022	1.66	1.63	0	0	0.03
15.11.2022	1.18	1.15	0	0	0.03
16.11.2022	1.3	1.27	0	0	0.03
17.11.2022	1.02	0.99	0	0	0.03
22.11.2022	1.04	1.01	0	0	0.03
23.11.2022	0.97	0.94	0	0	0.03
24.11.2022	1.54	1.51	0	0	0.03
25.11.2022	0.98	0.95	0	0	0.03
29.11.2022	-0.16	-0.19	0	0	0.03
30.11.2022	1.15	1.12	0	0	0.03
01.12.2022	1.21	1.18	0	0	0.03
02.12.2022	0.84	0.81	0	0	0.03
21.12.2022	1.32	1.28	0	0	0.04
16.02.2023	0.7	0.6	0.1	0	0
24.03.2023	0.7	0.7	0	0	0
21.04.2023	0.8	1	-0.3	0	0
27.04.2023	0.8	1.1	-0.3	0	0
26.05.2023	0.9	0.8	0.1	0	0
20.07.2023	0.7	0.6	0	0	0
03.08.2023	0.6	0.7	-0.1	0	0
15.08.2023	0.9	1.2	-0.4	0	0
07.12.2022	1.42	1.39	0	0	0.03
08.12.2022	0.31	0.28	0	0	0.03
09.12.2022	0.91	0.88	0	0	0.03
13.12.2022	1	0.97	0	0	0.03
14.12.2022	0.91	0.88	0	0	0.03
15.12.2022	0.93	0.82	0	0	0.11

16.12.2022	1.3	1.27	0	0	0.03
20.12.2022	1.8	1.77	0	0	0.04
22.12.2022	1.46	1.43	0	0	0.04
23.12.2022	1.53	1.49	0	0	0.04
28.12.2022	1.4	1.8	-0.4	0	0
29.12.2022	1.5	1.7	-0.3	0	0
30.12.2022	1.3	2.2	-0.9	0	0
03.01.2023	1.3	2.3	-1	0	0
04.01.2023	1.3	2.1	-0.9	0	0
05.01.2023	1.2	1.6	-0.5	0	0
06.01.2023	1.2	1.7	-0.6	0	0
10.01.2023	1	1	0	0	0
11.01.2023	1	1.5	-0.5	0	0
12.01.2023	1	1.5	-0.5	0	0
13.01.2023	1	1.4	-0.5	0	0
18.01.2023	0.9	3.8	-3	0	0
19.01.2023	1	0.5	0.5	0	0
20.01.2023	1	1.5	-0.5	0	0
24.01.2023	0.9	0.9	0	0	0
25.01.2023	1	1.6	-0.7	0	0
26.01.2023	1	1.3	-0.4	0	0
27.01.2023	0.8	1.2	-0.4	0	0
31.01.2023	0.9	0.8	0	0	0
01.02.2023	0.9	0.5	0.3	0	0
02.02.2023	0.8	1	-0.2	0	0
03.02.2023	0.7	0.7	-0.1	0	0
07.02.2023	0.7	0.8	-0.1	0	0
08.02.2023	0.7	0.6	0	0	0
09.02.2023	0.7	1.3	-0.6	0	0
10.02.2023	0.7	1.1	-0.5	0	0
14.02.2023	0.7	1	-0.4	0	0
15.02.2023	0.7	1.1	-0.4	0	0
17.02.2023	0.7	0.7	0	0	0
21.02.2023	0.7	0.8	0	0	0
22.02.2023	0.7	0.7	0.1	0	0
23.02.2023	0.8	1.3	-0.5	0	0
24.02.2023	0.7	0.6	0.1	0	0
28.02.2023	0.8	0.8	-0.1	0	0
01.03.2023	0.8	1.2	-0.4	0	0

02.03.2023	0.8	1.2	-0.5	0	0
03.03.2023	0.8	1.1	-0.3	0	0
07.03.2023	0.7	0.9	-0.2	0	0
08.03.2023	0.8	1.3	-0.6	0	0
09.03.2023	0.7	0.7	0	0	0
10.03.2023	0.7	0.8	-0.1	0	0
14.03.2023	0.8	0.7	0	0	0
15.03.2023	0.7	0.9	-0.2	0	0
16.03.2023	0.8	1.4	-0.7	0	0
17.03.2023	0.8	1.5	-0.7	0	0
21.03.2023	0.8	1	-0.2	0	0
22.03.2023	0.8	1.4	-0.6	0	0
23.03.2023	0.7	1.1	-0.4	0	0
28.03.2023	0.8	0.9	-0.2	0	0
29.03.2023	0.8	0.7	0.1	0	0
30.03.2023	0.7	0.8	-0.1	0	0
31.03.2023	0.6	1.1	-0.5	0	0
04.04.2023	0.7	0.8	-0.1	0	0
05.04.2023	0.7	1	-0.4	0	0
06.04.2023	0.7	1.3	-0.6	0	0
12.04.2023	0.7	1.1	-0.4	0	0
13.04.2023	0.7	1.3	-0.6	0	0
14.04.2023	0.7	0.8	-0.2	0	0
18.04.2023	0.7	0.9	-0.3	0	0
19.04.2023	0.7	0.8	-0.2	0	0
20.04.2023	0.7	0.7	0	0	0
25.04.2023	0.8	1.3	-0.6	0	0
26.04.2023	0.8	0.7	0.1	0	0
28.04.2023	0.9	1.5	-0.6	0	0
03.05.2023	0.8	1.3	-0.5	0	0
04.05.2023	0.8	1.2	-0.3	0	0
05.05.2023	0.9	1.1	-0.2	0	0
09.05.2023	0.9	0.9	0	0	0
10.05.2023	0.9	1.3	-0.4	0	0
11.05.2023	0.9	1.3	-0.5	0	0
12.05.2023	0.9	1.2	-0.3	0	0
16.05.2023	0.8	1	-0.2	0	0
17.05.2023	0.8	1	-0.2	0	0
18.05.2023	0.8	1.3	-0.6	0	0

19.05.2023	0.7	1.1	-0.4	0	0
23.05.2023	0.7	0.9	-0.2	0	0
24.05.2023	0.7	1	-0.3	0	0
25.05.2023	0.8	0.9	-0.1	0	0
30.05.2023	0.8	1.3	-0.6	0	0
31.05.2023	0.7	0.8	-0.1	0	0
01.06.2023	0.8	1.2	-0.4	0	0
02.06.2023	0.7	0.7	0	0	0
06.06.2023	0.7	0.4	0.3	0	0
07.06.2023	0.7	1	-0.3	0	0
08.06.2023	0.7	1	-0.3	0	0
09.06.2023	0.7	1.1	-0.4	0	0
20.06.2023	0.6	0.9	-0.3	0	0
21.06.2023	0.7	0.6	0	0	0
22.06.2023	0.7	0.6	0.1	0	0
23.06.2023	0.7	1.1	-0.5	0	0
27.06.2023	0.7	1.1	-0.4	0	0
28.06.2023	0.7	1.4	-0.6	0	0
29.06.2023	0.7	0.8	-0.1	0	0
30.06.2023	0.7	1.2	-0.5	0	0
04.07.2023	0.7	0.6	0	0	0
05.07.2023	0.7	0.7	0	0	0
06.07.2023	0.7	0.6	0	0	0
07.07.2023	0.8	0.7	0	0	0
11.07.2023	0.7	1	-0.3	0	0
12.07.2023	0.7	1.3	-0.7	0	0
13.07.2023	0.6	0.9	-0.3	0	0
14.07.2023	0.6	0.9	-0.4	0	0
18.07.2023	0.6	0.8	-0.2	0	0
19.07.2023	0.6	1	-0.4	0	0
21.07.2023	0.7	0.7	0	0	0
25.07.2023	0.7	0.9	-0.3	0	0
26.07.2023	0.7	0.6	0	0	0
27.07.2023	0.7	1.2	-0.5	0	0
28.07.2023	0.6	0.6	0	0	0
01.08.2023	0.6	0.6	0	0	0
02.08.2023	0.6	1	-0.4	0	0
04.08.2023	0.8	0.9	-0.2	0	0
08.08.2023	0.8	1.5	-0.8	0	0

09.08.2023	0.9	1.4	-0.6	0	0
10.08.2023	0.8	1.3	-0.5	0	0
11.08.2023	0.8	1.2	-0.4	0	0
12.09.2023	1	1.4	-0.4	0	0
11.10.2023	0.9	1.2	-0.3	0	0
19.10.2023	1.1	1.8	-0.8	0	0
07.11.2023	1.4	2.2	-0.9	0	0.1
07.12.2023	0.7	1.6	-0.9	0	0
28.12.2023	0.7	1.1	-0.5	0	0
24.01.2024	0.8	0.8	0	0	0
14.02.2024	1	1.3	-0.3	0	0
29.02.2024	1	0.5	0.4	0	0
14.03.2024	0.8	1.2	-0.4	0	0
19.03.2024	1.1	1.2	-0.2	0	0
22.03.2024	1.1	1.1	-0.1	0	0
26.03.2024	1.2	1.1	0	0	0.1
05.04.2024	1.1	0.5	0.5	0	0.1
26.04.2024	1	1	0	0	0
30.04.2024	1	0.8	0.2	0	0
16.08.2023	0.9	1	-0.1	0	0
17.08.2023	0.9	1	-0.1	0	0
18.08.2023	1	1.4	-0.4	0	0
22.08.2023	1	1.7	-0.8	0	0
23.08.2023	0.9	1.5	-0.6	0	0
24.08.2023	0.9	1.7	-0.8	0	0
25.08.2023	1	1.4	-0.5	0	0
29.08.2023	1	1.4	-0.5	0	0
30.08.2023	0.9	1.6	-0.7	0	0
31.08.2023	0.9	1.3	-0.4	0	0
01.09.2023	0.9	1.3	-0.5	0	0
05.09.2023	0.9	0.9	0	0	0
06.09.2023	0.9	1.7	-0.8	0	0
07.09.2023	0.9	1.4	-0.5	0	0
08.09.2023	1	1.7	-0.7	0	0
13.09.2023	1	0.9	0	0	0
14.09.2023	1	1.3	-0.3	0	0
15.09.2023	0.9	1	-0.1	0	0
19.09.2023	1.1	1.8	-0.7	0	0
20.09.2023	1.1	1.4	-0.3	0	0



21.09.2023	1.1	1.6	-0.6	0	0
22.09.2023	1.1	1.1	-0.1	0	0
26.09.2023	1.1	2.1	-1	0	0
27.09.2023	1.2	1.4	-0.3	0	0
28.09.2023	1.2	1.4	-0.3	0	0
29.09.2023	1.1	1.5	-0.5	0	0
03.10.2023	1.1	1.6	-0.6	0	0
04.10.2023	1.1	2.1	-1	0	0
05.10.2023	1	1.8	-0.9	0	0
06.10.2023	1	1.4	-0.4	0	0
10.10.2023	1	1.8	-0.8	0	0
12.10.2023	1	1	-0.1	0	0
13.10.2023	0.9	1.1	-0.2	0	0
17.10.2023	1	1.8	-0.8	0	0
18.10.2023	1.1	1.2	-0.1	0	0
20.10.2023	1.3	1.7	-0.5	0	0.1
24.10.2023	1.5	1.4	0	0	0.1
25.10.2023	1.4	2.6	-1.3	0	0.1
26.10.2023	1.6	2.9	-1.4	0	0.1
27.10.2023	1.4	1.4	-0.1	0	0.1
31.10.2023	1.9	3.8	-2	0	0.1
01.11.2023	1.9	2	-0.3	0	0.1
02.11.2023	1.8	3.1	-1.3	0	0.1
03.11.2023	1.6	2.4	-0.9	0	0.1
08.11.2023	1.4	2	-0.7	0	0.1
09.11.2023	1.4	2.5	-1.2	0	0.1
10.11.2023	1.4	1.7	-0.4	0	0.1
14.11.2023	1.4	1.4	0	0	0.1
15.11.2023	1.2	1.7	-0.6	0	0.1
16.11.2023	0.9	1.8	-0.9	0	0
17.11.2023	0.9	1.1	-0.3	0	0
21.11.2023	0.9	1.7	-0.8	0	0
22.11.2023	0.9	2.1	-1.2	0	0
23.11.2023	0.9	1.5	-0.6	0	0
24.11.2023	0.9	1.9	-1.1	0	0
28.11.2023	0.9	1.9	-1	0	0
29.11.2023	0.9	1.3	-0.5	0	0
30.11.2023	0.8	1.2	-0.5	0	0
01.12.2023	0.8	1	-0.3	0	0

05.12.2023	0.8	1.5	-0.8	0	0
06.12.2023	0.7	1.4	-0.7	0	0
08.12.2023	0.7	1	-0.4	0	0
12.12.2023	0.7	1.6	-0.9	0	0
13.12.2023	0.7	1.7	-1	0	0
14.12.2023	0.7	1.5	-0.9	0	0
15.12.2023	0.6	1.1	-0.5	0	0
19.12.2023	0.7	1	-0.4	0	0
20.12.2023	0.7	1	-0.4	0	0
21.12.2023	0.7	1.2	-0.5	0	0
22.12.2023	0.7	1.2	-0.6	0	0
29.12.2023	0.7	1.5	-0.9	0	0
03.01.2024	0.7	1.5	-0.8	0	0
04.01.2024	0.8	1.5	-0.8	0	0
05.01.2024	0.8	1.2	-0.4	0	0
09.01.2024	0.8	1.8	-1.1	0	0
10.01.2024	0.8	1.2	-0.4	0	0
11.01.2024	0.8	1.7	-0.9	0	0
12.01.2024	0.9	1.4	-0.6	0	0
16.01.2024	0.9	1.8	-1	0	0
17.01.2024	0.9	1.2	-0.3	0	0
18.01.2024	1	0.5	0.5	0	0
19.01.2024	0.9	1.1	-0.2	0	0
23.01.2024	0.8	1.2	-0.3	0	0
25.01.2024	0.8	1	-0.3	0	0
26.01.2024	0.9	0.7	0.1	0	0
30.01.2024	0.9	1.2	-0.3	0	0
31.01.2024	0.9	0.6	0.2	0	0
01.02.2024	0.9	1	-0.1	0	0
02.02.2024	0.9	0.9	0	0	0
06.02.2024	0.9	0.9	0	0	0
07.02.2024	0.9	1.1	-0.2	0	0
08.02.2024	1.1	0.5	0.5	0	0
09.02.2024	1	1.2	-0.3	0	0
13.02.2024	0.9	1.2	-0.4	0	0
15.02.2024	1	0.9	0.1	0	0
16.02.2024	0.9	1.5	-0.6	0	0
20.02.2024	1	0.7	0.2	0	0
21.02.2024	1	1	-0.1	0	0

22.02.2024	1	0.9	0.1	0	0
23.02.2024	0.9	0.9	0	0	0
27.02.2024	0.9	1.1	-0.2	0	0
28.02.2024	0.8	0.4	0.4	0	0
01.03.2024	1	0.5	0.5	0	0
05.03.2024	0.9	0.9	0	0	0
06.03.2024	1	1.1	-0.2	0	0
07.03.2024	0.9	1	-0.1	0	0
08.03.2024	0.8	0.8	0	0	0
12.03.2024	0.9	0.8	0	0	0
13.03.2024	0.8	0.8	0	0	0
15.03.2024	0.9	1	-0.1	0	0
20.03.2024	1.2	1.1	0	0	0.1
21.03.2024	1.2	0.6	0.6	0	0.1
27.03.2024	1.1	0.8	0.3	0	0.1
28.03.2024	1.1	0.5	0.5	0	0.1
03.04.2024	1.2	1.9	-0.7	0	0.1
04.04.2024	1.1	0.7	0.4	0	0.1
09.04.2024	1	1.2	-0.2	0	0
10.04.2024	1	0.6	0.3	0	0
11.04.2024	0.9	0.4	0.4	0	0
12.04.2024	1	1.1	-0.2	0	0
16.04.2024	1	0.8	0.2	0	0
17.04.2024	1.1	1	0.1	0	0.1
18.04.2024	1.1	1.2	-0.1	0	0.1
19.04.2024	1.2	0.6	0.6	0	0.1
23.04.2024	1.4	1.9	-0.5	0	0.1
24.04.2024	1.4	1.9	-0.5	0	0.1
07.05.2024	1.1	0.6	0.4	0	0
10.05.2024	0.7	0.4	0.3	0	0
03.05.2024	1.2	1.8	-0.7	0	0.1
08.05.2024	0.8	0.9	-0.2	0	0
09.05.2024	0.8	0.6	0.2	0	0

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