

# Historical cost data

**ISIN: DE000HB9MU90**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
29.08.2022	1.28	1.25	0	0	0.03
31.08.2022	0.03	0	0	0	0.03
18.04.2023	0.7	1	-0.3	0	0
01.09.2022	4.18	4.15	0	0	0.03
02.09.2022	0.78	0.75	0	0	0.03
06.09.2022	3.11	3.07	0	0	0.04
07.09.2022	4.05	4.01	0	0	0.04
08.09.2022	5.87	5.83	0	0	0.04
09.09.2022	4.24	4.2	0	0	0.04
13.09.2022	3.18	3.15	0	0	0.03
14.09.2022	3.02	2.99	0	0	0.03
15.09.2022	3.88	3.85	0	0	0.03
16.09.2022	3.98	3.95	0	0	0.03
20.09.2022	3.12	3.09	0	0	0.03
21.09.2022	3.28	3.25	0	0	0.03
22.09.2022	2.57	2.54	0	0	0.03
23.09.2022	3.93	3.9	0	0	0.03
27.09.2022	3.15	3.12	0	0	0.03
28.09.2022	3.69	3.66	0	0	0.03
29.09.2022	2.04	2.01	0	0	0.03
30.09.2022	-0.01	-0.04	0	0	0.03
04.10.2022	3.92	3.89	0	0	0.03
05.10.2022	2.13	2.1	0	0	0.03
06.10.2022	1.6	1.57	0	0	0.03
07.10.2022	1.8	1.78	0	0	0.02
11.10.2022	2.89	2.87	0	0	0.02
12.10.2022	2.35	2.32	0	0	0.03
13.10.2022	3.2	3.17	0	0	0.03
14.10.2022	-0.21	-0.23	0	0	0.02
18.10.2022	2.3	2.28	0	0	0.02
19.10.2022	2.47	2.45	0	0	0.02

20.10.2022	3.26	3.24	0	0	0.02
21.10.2022	1.74	1.72	0	0	0.02
25.10.2022	1.58	1.56	0	0	0.02
26.10.2022	2.15	2.13	0	0	0.02
27.10.2022	2.01	1.99	0	0	0.02
28.10.2022	1.46	1.44	0	0	0.02
01.11.2022	1.24	1.22	0	0	0.02
02.11.2022	1.22	1.2	0	0	0.02
03.11.2022	1.62	1.6	0	0	0.02
04.11.2022	1.46	1.44	0	0	0.02
08.11.2022	0.98	0.96	0	0	0.02
09.11.2022	1.02	1	0	0	0.02
10.11.2022	0.17	0.15	0	0	0.02
11.11.2022	1.52	1.5	0	0	0.02
15.11.2022	0.53	0.52	0	0	0.01
16.11.2022	0.81	0.8	0	0	0.01
17.11.2022	1.1	1.09	0	0	0.01
18.11.2022	0.62	0.61	0	0	0.01
22.11.2022	1.05	1.04	0	0	0.01
23.11.2022	0.67	0.66	0	0	0.01
24.11.2022	1.15	1.14	0	0	0.01
25.11.2022	0.56	0.55	0	0	0.01
29.11.2022	0.98	0.97	0	0	0.01
30.11.2022	0.63	0.62	0	0	0.01
01.12.2022	0.9	0.89	0	0	0.01
02.12.2022	0.68	0.67	0	0	0.01
06.12.2022	0.92	0.91	0	0	0.01
07.12.2022	0.82	0.81	0	0	0.01
08.12.2022	1.17	1.16	0	0	0.01
09.12.2022	0.93	0.92	0	0	0.01
13.12.2022	0.97	0.96	0	0	0.01
14.12.2022	0.96	0.95	0	0	0.01
15.12.2022	0.8	0.79	0	0	0.01
16.12.2022	0.82	0.81	0	0	0.01
20.12.2022	0.67	0.66	0	0	0.01
21.12.2022	0.71	0.69	0	0	0.01
22.12.2022	0.83	0.82	0	0	0.01
23.12.2022	0.64	0.62	0	0	0.02
28.12.2022	0.6	1.2	-0.6	0	0

29.12.2022	0.6	0.8	-0.2	0	0
30.12.2022	0.6	0.6	0	0	0
03.01.2023	0.6	0.9	-0.3	0	0
04.01.2023	0.6	0.5	0.1	0	0
05.01.2023	0.6	0.4	0.2	0	0
06.01.2023	0.6	0.6	-0.1	0	0
10.01.2023	0.5	0.6	-0.1	0	0
11.01.2023	0.5	0.6	0	0	0
12.01.2023	0.5	0.9	-0.4	0	0
13.01.2023	0.5	0.7	-0.2	0	0
18.01.2023	0.5	3.7	-3.2	0	0
19.01.2023	0.5	0.3	0.3	0	0
20.01.2023	0.5	0.5	0	0	0
24.01.2023	0.5	0.5	0	0	0
25.01.2023	0.5	0.3	0.2	0	0
26.01.2023	0.5	0.6	0	0	0
27.01.2023	0.5	0.9	-0.3	0	0
31.01.2023	0.6	0.6	-0.1	0	0
01.02.2023	0.5	0.5	0	0	0
02.02.2023	0.5	0.5	0	0	0
03.02.2023	0.5	0.8	-0.2	0	0
07.02.2023	0.5	0.5	0	0	0
08.02.2023	0.5	0.8	-0.3	0	0
09.02.2023	0.5	0.4	0.1	0	0
10.02.2023	0.5	0.6	-0.1	0	0
14.02.2023	0.5	0.9	-0.4	0	0
15.02.2023	0.5	0.6	-0.1	0	0
16.02.2023	0.5	0.8	-0.3	0	0
17.02.2023	0.5	0.4	0.1	0	0
21.02.2023	0.5	0.4	0.1	0	0
22.02.2023	0.5	0.6	-0.1	0	0
23.02.2023	0.5	0.4	0.1	0	0
24.02.2023	0.6	0.4	0.2	0	0
28.02.2023	0.5	0.3	0.2	0	0
01.03.2023	0.5	0.9	-0.4	0	0
02.03.2023	0.5	0.5	0	0	0
03.03.2023	0.5	0.7	-0.2	0	0
07.03.2023	0.5	0.7	-0.2	0	0
08.03.2023	0.5	0.7	-0.2	0	0

09.03.2023	0.6	0.6	-0.1	0	0
10.03.2023	0.6	0.5	0	0	0
14.03.2023	0.6	0.8	-0.2	0	0
15.03.2023	0.6	0.8	-0.2	0	0
16.03.2023	0.7	1	-0.4	0	0
17.03.2023	0.6	1	-0.4	0	0
21.03.2023	0.6	1.1	-0.5	0	0
22.03.2023	0.6	0.6	0	0	0
23.03.2023	0.6	0.6	0	0	0
24.03.2023	0.6	0.9	-0.4	0	0
28.03.2023	0.6	0.8	-0.2	0	0
29.03.2023	0.6	0.5	0.1	0	0
30.03.2023	0.6	0.8	-0.2	0	0
31.03.2023	0.6	1.1	-0.5	0	0
04.04.2023	0.6	1.1	-0.5	0	0
05.04.2023	0.6	0.8	-0.2	0	0
06.04.2023	0.7	1	-0.4	0	0
12.04.2023	0.7	1.2	-0.5	0	0
13.04.2023	0.7	1	-0.4	0	0
14.04.2023	0.7	0.9	-0.3	0	0
01.12.2023	2.5	5.5	-3.1	0	0.1
19.04.2023	0.7	1	-0.4	0	0
20.04.2023	0.7	1.2	-0.5	0	0
21.04.2023	0.7	1.3	-0.6	0	0
25.04.2023	0.7	1	-0.4	0	0
26.04.2023	0.7	0.7	0	0	0
27.04.2023	0.7	0.7	0	0	0
28.04.2023	0.7	0.8	-0.2	0	0
03.05.2023	0.7	0.7	0	0	0
04.05.2023	0.7	1.1	-0.4	0	0
05.05.2023	0.7	1.2	-0.6	0	0
09.05.2023	0.7	1.1	-0.5	0	0
10.05.2023	0.7	1	-0.3	0	0
11.05.2023	0.8	0.8	0	0	0
12.05.2023	0.8	0.9	-0.1	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	-0.2	0	0
19.05.2023	0.8	1.5	-0.7	0	0

23.05.2023	0.8	1	-0.2	0	0
24.05.2023	0.8	1.1	-0.4	0	0
25.05.2023	0.8	1.5	-0.7	0	0
26.05.2023	0.9	1.6	-0.8	0	0
30.05.2023	0.8	1.2	-0.4	0	0
31.05.2023	0.8	0.9	-0.1	0	0
01.06.2023	0.9	1.5	-0.6	0	0
02.06.2023	0.8	1.3	-0.4	0	0
06.06.2023	0.8	1.2	-0.4	0	0
07.06.2023	0.8	0.9	-0.1	0	0
08.06.2023	0.8	1.4	-0.6	0	0
09.06.2023	0.8	0.7	0	0	0
13.06.2023	0.8	0.7	0.1	0	0
20.06.2023	0.7	0.9	-0.2	0	0
21.06.2023	0.7	0.7	0	0	0
22.06.2023	0.8	1.3	-0.6	0	0
23.06.2023	0.8	1.5	-0.7	0	0
27.06.2023	0.7	1.1	-0.4	0	0
28.06.2023	0.7	0.8	-0.1	0	0
29.06.2023	0.8	1.2	-0.4	0	0
30.06.2023	0.8	1.1	-0.3	0	0
04.07.2023	0.8	0.9	-0.1	0	0
05.07.2023	0.8	1.3	-0.5	0	0
06.07.2023	0.8	1.3	-0.5	0	0
07.07.2023	0.8	1.5	-0.7	0	0
11.07.2023	0.8	1.1	-0.3	0	0
12.07.2023	0.9	1.5	-0.7	0	0
13.07.2023	0.8	1.5	-0.7	0	0
14.07.2023	0.9	1	-0.2	0	0
18.07.2023	0.8	1.3	-0.5	0	0
19.07.2023	0.9	1.8	-1	0	0
20.07.2023	0.8	1.5	-0.7	0	0
21.07.2023	0.8	1.2	-0.4	0	0
25.07.2023	0.8	1.8	-1	0	0
26.07.2023	0.8	1	-0.2	0	0
27.07.2023	0.9	1.2	-0.4	0	0
28.07.2023	0.8	1.5	-0.7	0	0
01.08.2023	0.8	1.1	-0.3	0	0
02.08.2023	0.8	1.5	-0.7	0	0

03.08.2023	0.9	1.4	-0.6	0	0
04.08.2023	0.8	1.3	-0.6	0	0
08.08.2023	0.8	1.1	-0.4	0	0
09.08.2023	0.8	0.8	-0.1	0	0
10.08.2023	0.8	1.2	-0.4	0	0
11.08.2023	0.8	1.2	-0.4	0	0
15.08.2023	0.9	1.3	-0.4	0	0
16.08.2023	0.9	1.5	-0.6	0	0
17.08.2023	0.9	1.4	-0.5	0	0
18.08.2023	0.9	1.2	-0.3	0	0
22.08.2023	1	1.6	-0.7	0	0
23.08.2023	1	1.6	-0.7	0	0
24.08.2023	1	1.1	-0.2	0	0
25.08.2023	1	1.8	-0.9	0	0
29.08.2023	0.9	1.2	-0.3	0	0
30.08.2023	0.9	1	-0.2	0	0
31.08.2023	0.9	1.1	-0.2	0	0
01.09.2023	0.9	1.4	-0.5	0	0
05.09.2023	0.9	1.2	-0.3	0	0
06.09.2023	0.9	1.1	-0.2	0	0
07.09.2023	0.9	1.6	-0.7	0	0
08.09.2023	1	1.9	-1	0	0
12.09.2023	1	1.7	-0.8	0	0
13.09.2023	1	1.8	-0.8	0	0
14.09.2023	1.1	1.9	-0.9	0	0
15.09.2023	1	1.5	-0.5	0	0
19.09.2023	1	2	-1	0	0
20.09.2023	1	1.1	-0.1	0	0
21.09.2023	1	1.9	-0.9	0	0
22.09.2023	1.1	1.4	-0.3	0	0
26.09.2023	1.1	2	-0.9	0	0
27.09.2023	1.1	1.4	-0.3	0	0
28.09.2023	1.1	1.9	-0.8	0	0
29.09.2023	1.1	2.1	-1	0	0
03.10.2023	1.2	1.5	-0.3	0	0
04.10.2023	1.2	1.6	-0.4	0	0
05.10.2023	1.3	1.7	-0.5	0	0
06.10.2023	1.3	2	-0.7	0	0
10.10.2023	1.3	2.4	-1.2	0	0

11.10.2023	1.3	1.4	-0.2	0	0
12.10.2023	1.2	1.5	-0.3	0	0
13.10.2023	1.2	1.2	0	0	0
17.10.2023	1.4	2.4	-1	0	0
18.10.2023	1.4	1.6	-0.3	0	0
19.10.2023	1.4	2.3	-0.9	0	0
20.10.2023	1.4	1.9	-0.6	0	0
24.10.2023	3.4	5.2	-1.9	0	0.1
25.10.2023	3.5	5.1	-1.7	0	0.1
26.10.2023	3.5	5.2	-1.8	0	0.1
27.10.2023	3.2	4.6	-1.5	0	0.1
31.10.2023	3.3	4.2	-1	0	0.1
01.11.2023	3.2	2.4	0.7	0	0.1
02.11.2023	3.5	4	-0.7	0	0.1
03.11.2023	2.9	4.6	-1.7	0	0.1
07.11.2023	2.5	4.5	-2.1	0	0.1
08.11.2023	2.4	4.4	-2.1	0	0.1
09.11.2023	2.3	3.9	-1.7	0	0.1
10.11.2023	2.2	2.9	-0.8	0	0.1
14.11.2023	2.4	2.2	0.1	0	0.1
15.11.2023	2.2	3.7	-1.6	0	0.1
16.11.2023	2.1	2.4	-0.4	0	0.1
17.11.2023	2.3	4	-1.8	0	0.1
21.11.2023	2.2	5.4	-3.2	0	0.1
22.11.2023	2.4	5.4	-3.1	0	0.1
23.11.2023	2.5	5.2	-2.8	0	0.1
24.11.2023	2.4	4.3	-1.9	0	0.1
28.11.2023	2.7	5.6	-3	0	0.1
29.11.2023	2.7	5.8	-3.1	0	0.1
30.11.2023	2.5	4.5	-2.1	0	0.1
10.01.2024	2.1	3.4	-1.4	0	0.1
30.04.2024	1.4	1.3	0	0	0
05.12.2023	2.6	4.7	-2.1	0	0.1
06.12.2023	2.6	6.4	-3.9	0	0.1
07.12.2023	2.5	4.1	-1.7	0	0.1
08.12.2023	2.6	4.8	-2.3	0	0.1
12.12.2023	2.3	5.9	-3.6	0	0.1
13.12.2023	2.4	4	-1.7	0	0.1
14.12.2023	2.6	5.8	-3.3	0	0.1

15.12.2023	2.4	4.6	-2.2	0	0.1
19.12.2023	2.4	5.3	-3	0	0.1
20.12.2023	2.1	4.8	-2.7	0	0.1
21.12.2023	2.1	3.2	-1.2	0	0.1
22.12.2023	2.1	4.5	-2.5	0	0.1
28.12.2023	2.1	4.2	-2.1	0	0.1
29.12.2023	2.1	4.1	-2.1	0	0.1
03.01.2024	2	3.2	-1.3	0	0.1
04.01.2024	2.7	4.4	-1.8	0	0.1
05.01.2024	2.6	4.8	-2.3	0	0.1
09.01.2024	2.2	3.1	-1	0	0.1
11.01.2024	2.2	3.7	-1.6	0	0.1
12.01.2024	2.4	4.9	-2.6	0	0.1
16.01.2024	2.4	4.4	-2.1	0	0.1
17.01.2024	2.5	4.6	-2.2	0	0.1
18.01.2024	2.5	2.4	0	0	0.1
19.01.2024	2.4	2.3	-0.1	0	0.1
23.01.2024	2.2	3.3	-1.2	0	0.1
24.01.2024	1.9	2.3	-0.4	0	0.1
25.01.2024	1.7	1.1	0.5	0	0.1
26.01.2024	1.8	1.2	0.6	0	0.1
30.01.2024	1.9	2.2	-0.4	0	0.1
31.01.2024	2	2.8	-0.9	0	0.1
01.02.2024	2.1	3.3	-1.3	0	0.1
02.02.2024	2.1	3.1	-1	0	0.1
06.02.2024	2.7	3.8	-1.2	0	0.1
07.02.2024	2.4	1.7	0.7	0	0.1
08.02.2024	2.7	4.5	-1.8	0	0.1
09.02.2024	2.4	1.8	0.5	0	0.1
13.02.2024	2.7	2.9	-0.3	0	0.1
14.02.2024	3	2.8	0.1	0	0.1
15.02.2024	3	4.5	-1.6	0	0.1
16.02.2024	2.9	3.9	-1.1	0	0.1
20.02.2024	2.8	3.1	-0.4	0	0.1
21.02.2024	3	4.3	-1.4	0	0.1
22.02.2024	2.8	4.4	-1.7	0	0.1
23.02.2024	2.8	1.8	0.9	0	0.1
27.02.2024	2.9	2.8	0	0	0.1
28.02.2024	2.8	2.8	-0.1	0	0.1



29.02.2024	2.6	3.7	-1.2	0	0.1
01.03.2024	2.6	2.8	-0.3	0	0.1
05.03.2024	2.4	2	0.3	0	0.1
06.03.2024	2.3	1.6	0.7	0	0.1
07.03.2024	2.2	2	0.1	0	0.1
08.03.2024	2.2	2	0.1	0	0.1
12.03.2024	2.1	2.7	-0.6	0	0.1
13.03.2024	2	2.2	-0.3	0	0.1
14.03.2024	2	2.7	-0.7	0	0.1
15.03.2024	2.2	1.7	0.4	0	0.1
19.03.2024	2.6	3.4	-0.9	0	0.1
20.03.2024	2.7	2.6	0	0	0.1
21.03.2024	2.7	2.7	-0.1	0	0.1
22.03.2024	2.6	2.2	0.4	0	0.1
26.03.2024	2.5	2.5	0	0	0.1
27.03.2024	2.3	3.2	-1	0	0.1
28.03.2024	2.1	1.4	0.7	0	0.1
03.04.2024	2.2	2.3	-0.2	0	0.1
04.04.2024	2.2	2.8	-0.7	0	0.1
05.04.2024	2.1	1.2	0.9	0	0.1
09.04.2024	2	2.1	-0.2	0	0.1
10.04.2024	2	1.8	0.1	0	0.1
11.04.2024	1.6	1.3	0.3	0	0.1
12.04.2024	1.7	1.3	0.3	0	0.1
16.04.2024	1.5	0.7	0.7	0	0.1
17.04.2024	1.6	1.3	0.3	0	0.1
18.04.2024	1.6	0.8	0.8	0	0.1
19.04.2024	1.7	2	-0.4	0	0.1
23.04.2024	1.7	1.6	0	0	0.1
24.04.2024	1.8	1.1	0.6	0	0.1
26.04.2024	1.9	2.7	-0.9	0	0.1

**BEI FRAGEN WENDEN SIE SICH BITTE AN UNSER KONTAKT CENTER**

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