

# Historical cost data

**ISIN: DE000HC2R9W9**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
19.12.2022	1	1	0	0	0
21.12.2022	10.63	10.37	0	0	0.26
03.01.2023	3.1	8.5	-5.7	0	0.2
03.03.2023	1	1.6	-0.8	0	0.3
07.03.2023	0.9	0.7	-0.1	0	0.3
09.06.2023	9.7	8.2	0.9	0	0.6
22.06.2023	18.7	18.3	-0.1	0	0.5
11.07.2023	32.3	29.4	2.3	0	0.5
01.08.2023	11.6	11.7	-0.7	0	0.5
02.08.2023	13.6	14.3	-1.3	0	0.6
04.08.2023	17.1	17.6	-1.1	0	0.6
08.08.2023	15.6	15.2	-0.1	0	0.6
24.08.2023	56.2	53.8	1.9	0	0.5
25.08.2023	29.4	25.5	3.3	0	0.6
29.08.2023	25.7	24.1	1.1	0	0.5
07.09.2023	21.2	21.1	-0.5	0	0.6
22.12.2022	10.72	10.51	0	0	0.21
23.12.2022	3.7	11.3	-7.9	0	0.2
28.12.2022	3.2	9.3	-6.3	0	0.2
29.12.2022	3.7	10	-6.6	0	0.3
30.12.2022	3.4	9.9	-6.7	0	0.2
04.01.2023	2.5	6.7	-4.4	0	0.2
05.01.2023	2.4	5.4	-3.2	0	0.2
06.01.2023	2.3	5.4	-3.3	0	0.2
10.01.2023	2	4.7	-3	0	0.3
11.01.2023	2.4	3.9	-1.9	0	0.3
12.01.2023	2.3	5.4	-3.4	0	0.3
13.01.2023	1.8	5.3	-3.6	0	0.2
18.01.2023	2	28.2	-26.4	0	0.2
19.01.2023	2.1	0.9	0.9	0	0.3
20.01.2023	2.3	8.3	-6.3	0	0.4

24.01.2023	1.9	4.4	-2.8	0	0.2
25.01.2023	1	5.4	-4.7	0	0.3
26.01.2023	1.9	4.8	-3.2	0	0.3
27.01.2023	1.8	4.1	-2.6	0	0.3
31.01.2023	1.8	3.4	-1.9	0	0.3
01.02.2023	1.6	3.8	-2.4	0	0.2
02.02.2023	1.7	2.6	-1.3	0	0.3
03.02.2023	1.6	6.2	-4.9	0	0.3
07.02.2023	1.8	6.6	-5.1	0	0.3
08.02.2023	1.6	4	-2.7	0	0.2
09.02.2023	0.8	2.5	-2	0	0.2
10.02.2023	1.2	3.4	-2.5	0	0.2
14.02.2023	1.4	2.7	-1.6	0	0.3
15.02.2023	1.3	3.7	-2.7	0	0.3
16.02.2023	1.2	2.8	-1.8	0	0.3
17.02.2023	1.1	2.3	-1.4	0	0.3
21.02.2023	1.2	2.7	-1.8	0	0.3
22.02.2023	1.2	2.5	-1.5	0	0.3
23.02.2023	1.4	2.5	-1.5	0	0.3
24.02.2023	1.1	1.9	-1	0	0.3
28.02.2023	1	1.8	-1.1	0	0.2
01.03.2023	0.9	2.2	-1.6	0	0.2
02.03.2023	1.1	1.7	-1	0	0.3
08.03.2023	1	1.1	-0.4	0	0.3
09.03.2023	0.9	0.9	-0.3	0	0.3
10.03.2023	1	3	-2.4	0	0.4
14.03.2023	2.5	4	-2.1	0	0.7
15.03.2023	1.7	3.4	-1.9	0	0.2
16.03.2023	6.1	9.3	-4.2	0	0.9
17.03.2023	5.8	10	-4.5	0	0.3
21.03.2023	5.9	6.3	-0.8	0	0.5
22.03.2023	5	8.9	-4.4	0	0.5
23.03.2023	6.2	9.2	-3.6	0	0.6
24.03.2023	6.2	9.3	-3.6	0	0.5
28.03.2023	13.5	15.3	-2.3	0	0.5
29.03.2023	13	14.7	-2.2	0	0.5
30.03.2023	10.1	10.8	-1.2	0	0.5
31.03.2023	7.1	10.2	-3.6	0	0.5
04.04.2023	6.8	9.1	-2.8	0	0.6

05.04.2023	7.5	11	-4.2	0	0.6
06.04.2023	9	11.4	-3.1	0	0.6
12.04.2023	6.6	8.4	-2.4	0	0.5
13.04.2023	7.3	6.7	0	0	0.6
14.04.2023	6.9	6.1	0.2	0	0.6
18.04.2023	6	5.5	-0.1	0	0.6
19.04.2023	5.7	6.2	-1.1	0	0.6
20.04.2023	6.2	5.5	0.1	0	0.6
21.04.2023	6.3	5.5	0.2	0	0.6
25.04.2023	6.2	3	2.6	0	0.6
26.04.2023	7.2	3.4	3.2	0	0.7
27.04.2023	7.2	3.4	3.2	0	0.6
28.04.2023	6.5	3	2.9	0	0.6
03.05.2023	9.3	4.5	4.1	0	0.8
04.05.2023	8.6	4.2	3.8	0	0.6
05.05.2023	10.5	5.1	4.6	0	0.7
09.05.2023	6.8	7.9	-1.7	0	0.6
10.05.2023	7.6	7.5	-0.6	0	0.6
11.05.2023	9.6	7.6	1.3	0	0.7
12.05.2023	9.4	8.8	0	0	0.6
16.05.2023	10	9.9	-0.5	0	0.6
17.05.2023	10.1	7.4	2.1	0	0.6
18.05.2023	10.5	8.2	1.7	0	0.6
19.05.2023	9.3	5.7	3	0	0.6
23.05.2023	8.4	5.8	2	0	0.6
24.05.2023	8.4	6	1.8	0	0.6
25.05.2023	12.3	8.5	3	0	0.7
26.05.2023	14.4	10.9	2.9	0	0.6
30.05.2023	15.1	13	1.6	0	0.6
31.05.2023	16.1	13.4	2.2	0	0.6
01.06.2023	17.4	15.6	1.3	0	0.6
02.06.2023	16.3	17.2	-1.4	0	0.5
06.06.2023	11.9	11.1	0.2	0	0.6
07.06.2023	11.6	11.9	-0.9	0	0.6
08.06.2023	10.7	10.3	-0.1	0	0.6
20.06.2023	14.1	13	0.6	0	0.6
21.06.2023	14.5	12.7	1.3	0	0.6
23.06.2023	28	27.1	0.3	0	0.6
27.06.2023	32.5	30.8	1.2	0	0.5

28.06.2023	31.4	29.7	1.2	0	0.5
29.06.2023	29.4	27.5	1.4	0	0.5
30.06.2023	27.2	25.6	1.1	0	0.5
04.07.2023	21	20.5	0	0	0.5
05.07.2023	18.3	16.9	0.9	0	0.5
06.07.2023	24.1	21.1	2.4	0	0.7
07.07.2023	33.2	29.7	2.9	0	0.6
12.07.2023	31.2	29.1	1.6	0	0.5
13.07.2023	17.4	16.2	0.7	0	0.5
14.07.2023	16.1	15.5	0	0	0.6
18.07.2023	17	16.3	0.1	0	0.6
19.07.2023	16.5	16	-0.1	0	0.6
20.07.2023	15.2	15.6	-1	0	0.6
21.07.2023	14	7.2	6.3	0	0.6
25.07.2023	13	6.6	5.8	0	0.6
26.07.2023	12	14.7	-3.3	0	0.6
27.07.2023	14.7	18.1	-4	0	0.6
28.07.2023	12.9	13.4	-1.1	0	0.6
03.08.2023	17	16.1	0.3	0	0.7
09.08.2023	19.1	18	0.4	0	0.7
10.08.2023	17.6	17.3	-0.3	0	0.6
11.08.2023	18.5	17	0.9	0	0.6
15.08.2023	21.1	19.9	0.6	0	0.6
16.08.2023	24.2	16.1	7.4	0	0.6
17.08.2023	22.4	21	0.8	0	0.6
18.08.2023	23.2	21.8	0.8	0	0.6
22.08.2023	25.9	23.9	1.4	0	0.6
23.08.2023	22.8	21.4	0.8	0	0.5
30.08.2023	23.1	21.8	0.9	0	0.5
31.08.2023	21.2	20.8	-0.1	0	0.5
01.09.2023	22.3	21.6	0.1	0	0.6
05.09.2023	21.6	20.9	0.2	0	0.6
06.09.2023	20.3	20.5	-0.7	0	0.6
20.09.2023	23.6	23.3	-0.2	0	0.5
05.10.2023	43.6	41	2.1	0	0.5
11.10.2023	33.6	32.2	0.9	0	0.5
22.11.2023	5.4	5.2	-0.5	0	0.7
28.12.2023	5.3	5.4	-0.8	0	0.7
29.12.2023	5.2	6	-1.4	0	0.7

13.02.2024	4.9	8	-3.7	0	0.6
28.02.2024	5.2	5.1	-0.6	0	0.7
29.02.2024	5.4	4.3	0.4	0	0.7
05.03.2024	5	4.9	-0.6	0	0.7
08.03.2024	5.7	6.7	-1.8	0	0.7
13.03.2024	5.2	5.4	-0.8	0	0.7
22.03.2024	5	3.4	1	0	0.7
26.03.2024	5.2	5.2	-0.7	0	0.7
28.03.2024	5	2.2	2.1	0	0.7
03.04.2024	5.1	7.5	-3	0	0.6
05.04.2024	5.1	7.4	-2.9	0	0.6
10.04.2024	5	2.8	1.5	0	0.7
11.04.2024	5.2	7.4	-2.8	0	0.6
12.04.2024	5.3	2.3	2.2	0	0.7
18.04.2024	5.5	7.6	-2.7	0	0.6
23.04.2024	5.3	2.4	2.2	0	0.7
26.04.2024	13.4	6.7	5.9	0	0.7
07.05.2024	4.9	2.2	2.1	0	0.7
09.05.2024	5	2.2	2.1	0	0.7
15.05.2024	5.1	2.5	1.9	0	0.7
17.05.2024	5.2	2.3	2.2	0	0.7
08.09.2023	25	26	-1.6	0	0.6
12.09.2023	24.5	22	1.9	0	0.6
13.09.2023	23.8	22.9	0.4	0	0.6
14.09.2023	25.5	24.2	0.7	0	0.6
15.09.2023	21.1	19.9	0.7	0	0.5
19.09.2023	25.6	25.3	-0.2	0	0.6
21.09.2023	20.3	20.4	-0.7	0	0.5
22.09.2023	25.5	25.2	-0.4	0	0.6
26.09.2023	32.1	30.2	1.4	0	0.6
27.09.2023	33	33.3	-0.9	0	0.5
28.09.2023	33.8	33.4	-0.2	0	0.5
29.09.2023	28.9	29.6	-1.2	0	0.5
03.10.2023	34.9	33.5	0.8	0	0.6
04.10.2023	39.7	38.3	0.9	0	0.6
06.10.2023	40	38.4	1.1	0	0.5
10.10.2023	42	39.6	1.8	0	0.5
12.10.2023	29.9	28.1	1.2	0	0.5
13.10.2023	31.4	28.7	2.2	0	0.6

17.10.2023	32.2	29.8	1.8	0	0.5
18.10.2023	36.1	32.8	2.7	0	0.6
19.10.2023	22.2	18.8	2.7	0	0.7
20.10.2023	4	3.2	0	0	0.7
24.10.2023	5.1	7.5	-3	0	0.7
25.10.2023	4.9	6.4	-2.1	0	0.6
26.10.2023	5.1	6.3	-1.8	0	0.7
27.10.2023	14.3	13.2	0.4	0	0.6
31.10.2023	6.4	5.9	-0.1	0	0.6
01.11.2023	6	8.1	-2.7	0	0.6
02.11.2023	6.4	8.5	-2.8	0	0.7
03.11.2023	4.9	6	-1.7	0	0.6
07.11.2023	5.1	7	-2.6	0	0.6
08.11.2023	4.8	7.8	-3.7	0	0.7
09.11.2023	5.9	8.3	-3.1	0	0.6
10.11.2023	5.3	7	-2.4	0	0.6
14.11.2023	4.8	5.7	-1.6	0	0.6
15.11.2023	5.3	6.8	-2.2	0	0.6
16.11.2023	5.4	6	-1.3	0	0.6
17.11.2023	5.1	7.7	-3.3	0	0.7
21.11.2023	5	6.1	-1.8	0	0.7
23.11.2023	5.4	3.4	1.3	0	0.7
24.11.2023	5.4	4.5	0.3	0	0.7
28.11.2023	5.6	6.3	-1.3	0	0.7
29.11.2023	5.2	7.9	-3.3	0	0.6
30.11.2023	5.6	7.9	-2.9	0	0.6
01.12.2023	4.8	4.4	-0.3	0	0.7
05.12.2023	5.3	6.3	-1.7	0	0.7
06.12.2023	5.1	7.6	-3.2	0	0.6
07.12.2023	5.3	6.7	-2.1	0	0.7
08.12.2023	4.9	5.9	-1.6	0	0.7
12.12.2023	5.5	6.9	-2.1	0	0.7
13.12.2023	5	6	-1.7	0	0.7
14.12.2023	5.6	8.3	-3.3	0	0.6
15.12.2023	6	16.8	-11.3	0	0.5
19.12.2023	5.3	10.1	-5.4	0	0.7
20.12.2023	5.7	10.2	-5.1	0	0.6
21.12.2023	5.4	6	-1.2	0	0.7
22.12.2023	5.4	7.1	-2.4	0	0.7

03.01.2024	5.3	8.3	-3.7	0	0.7
04.01.2024	5.7	7.4	-2.5	0	0.7
05.01.2024	5.3	8.9	-4.2	0	0.6
09.01.2024	5.3	8.8	-4.1	0	0.7
10.01.2024	5.3	8.9	-4.3	0	0.6
11.01.2024	5.4	9.2	-4.4	0	0.7
12.01.2024	5.3	7.5	-2.9	0	0.7
16.01.2024	5.3	7.6	-3	0	0.7
17.01.2024	5.6	7.1	-2.2	0	0.7
18.01.2024	5.1	2.1	2	0	0.9
19.01.2024	5.1	3.5	1	0	0.7
23.01.2024	5.5	4.7	0.1	0	0.6
24.01.2024	5.3	2.4	2.2	0	0.7
25.01.2024	5.1	3.7	0.8	0	0.6
26.01.2024	5	2.2	2.1	0	0.7
30.01.2024	5.6	7.1	-2.2	0	0.7
31.01.2024	5.6	7.3	-2.4	0	0.7
01.02.2024	5.4	6.3	-1.6	0	0.7
02.02.2024	5.5	5.4	-0.5	0	0.7
06.02.2024	5.1	5.2	-0.9	0	0.7
07.02.2024	5.4	6.6	-1.9	0	0.6
08.02.2024	5.1	6.3	-2	0	0.7
09.02.2024	5.1	5.9	-1.5	0	0.7
14.02.2024	5.4	5.9	-1.2	0	0.7
15.02.2024	5.4	5.5	-0.8	0	0.7
16.02.2024	5.3	5.4	-0.8	0	0.7
20.02.2024	5	6.8	-2.4	0	0.7
21.02.2024	5.1	7	-2.6	0	0.7
22.02.2024	4.9	5.2	-1	0	0.7
23.02.2024	5.6	6.7	-1.7	0	0.7
27.02.2024	5.7	5.6	-0.6	0	0.7
01.03.2024	5.4	6.2	-1.6	0	0.7
06.03.2024	4.8	4.2	-0.1	0	0.7
07.03.2024	5.6	5.2	-0.3	0	0.6
12.03.2024	5.7	5.3	-0.4	0	0.7
14.03.2024	4.6	2.3	1.6	0	0.7
15.03.2024	4.9	2.1	2	0	0.7
19.03.2024	5	2.5	1.8	0	0.7
20.03.2024	4.7	2.2	1.9	0	0.7

21.03.2024	4.8	2.1	2	0	0.7
27.03.2024	5.4	2.4	2.3	0	0.7
04.04.2024	5.4	2.4	2.3	0	0.7
09.04.2024	4.9	2.2	2.1	0	0.7
16.04.2024	5.4	8	-3.3	0	0.7
17.04.2024	14.8	16.6	-2.5	0	0.7
19.04.2024	5.3	2.4	2.2	0	0.7
24.04.2024	5.1	2.3	2.1	0	0.7
30.04.2024	4.9	2.2	2.1	0	0.7
03.05.2024	5.3	2.4	2.2	0	0.7
08.05.2024	5	2.2	2.1	0	0.7
10.05.2024	5.1	2.3	2.2	0	0.7
14.05.2024	5.3	2.3	2.2	0	0.7
16.05.2024	5.1	2.2	2.1	0	0.7

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