

# Historical cost data

**ISIN: DE000HC2PPH5**

Date	Cost Impact / Reduction in Yield (%)	Entry Costs (%)	Exit Costs (%)	Portfolio Transaction Costs per Year (%)	Other Ongoing Costs (%)
16.12.2022	6.62	2.73	0	0	3.89
20.12.2022	3.91	3.85	0	0	0.06
21.12.2022	3.96	3.9	0	0	0.06
22.12.2022	5.02	4.96	0	0	0.06
23.12.2022	4.97	4.9	0	0	0.07
28.12.2022	1.9	4.7	-2.9	0	0.1
29.12.2022	2	4.8	-2.9	0	0.1
30.12.2022	1.8	4.9	-3.1	0	0.1
03.01.2023	1.6	3.9	-2.3	0	0.1
05.01.2023	1	2.3	-1.3	0	0
06.01.2023	0.9	2	-1.2	0	0
10.01.2023	0.8	1.7	-0.9	0	0
12.01.2023	0.8	1.7	-0.9	0	0
13.01.2023	0.8	2.1	-1.3	0	0
18.01.2023	0.7	1.6	-0.9	0	0
19.01.2023	0.8	0.4	0.4	0	0
20.01.2023	0.8	2	-1.2	0	0
24.01.2023	0.6	1.6	-1	0	0
25.01.2023	0.7	1.8	-1.1	0	0
26.01.2023	0.7	1.6	-0.9	0	0
31.01.2023	0.7	1.4	-0.8	0	0
01.02.2023	0.7	1.4	-0.7	0	0
02.02.2023	0.6	1.3	-0.7	0	0
03.02.2023	0.6	1.3	-0.8	0	0
08.02.2023	0.6	1	-0.4	0	0
09.02.2023	0.6	1.4	-0.8	0	0
10.02.2023	0.6	1.3	-0.7	0	0
15.02.2023	0.7	1.2	-0.6	0	0
16.02.2023	0.6	1.6	-1	0	0
17.02.2023	0.6	1.3	-0.7	0	0
21.02.2023	0.6	1.5	-0.8	0	0

22.02.2023	0.7	1.6	-0.9	0	0
23.02.2023	0.7	1.4	-0.7	0	0
28.02.2023	0.7	1.5	-0.8	0	0
01.03.2023	0.7	1.6	-0.9	0	0
02.03.2023	0.6	1.6	-1	0	0
07.03.2023	0.7	1.9	-1.2	0	0
08.03.2023	0.7	2.2	-1.5	0	0
10.03.2023	0.8	1.7	-1	0	0
14.03.2023	1.1	2.9	-1.9	0	0
15.03.2023	1.1	2.2	-1.1	0	0
16.03.2023	1.3	3.2	-1.9	0	0
21.03.2023	1.3	3.1	-1.9	0	0
22.03.2023	1.2	2.9	-1.7	0	0
23.03.2023	1.1	2.3	-1.3	0	0
24.03.2023	0.9	2.4	-1.5	0	0
28.03.2023	0.9	2.5	-1.6	0	0
30.03.2023	0.8	2.1	-1.3	0	0
31.03.2023	0.7	1.7	-1	0	0
04.04.2023	0.8	1.6	-0.9	0	0
05.04.2023	0.8	2.2	-1.5	0	0
12.04.2023	0.9	2.3	-1.5	0	0
13.04.2023	0.9	1.6	-0.8	0	0
14.04.2023	0.8	1.8	-1	0	0
18.04.2023	0.8	1.6	-0.9	0	0
19.04.2023	0.7	1.7	-1	0	0
20.04.2023	0.7	1.2	-0.5	0	0
21.04.2023	0.7	1.3	-0.7	0	0
26.04.2023	0.7	1.5	-0.8	0	0
27.04.2023	0.8	1.5	-0.7	0	0
04.05.2023	0.7	1.4	-0.7	0	0
05.05.2023	0.7	2.3	-1.6	0	0
09.05.2023	0.7	1.9	-1.2	0	0
10.05.2023	0.7	1.4	-0.7	0	0
11.05.2023	0.8	2.2	-1.5	0	0
12.05.2023	0.8	1.6	-0.9	0	0
16.05.2023	0.8	2.3	-1.5	0	0
17.05.2023	0.9	1.4	-0.5	0	0
18.05.2023	0.8	1.6	-0.8	0	0
19.05.2023	0.8	1.6	-0.8	0	0

23.05.2023	0.8	2	-1.3	0	0
24.05.2023	0.8	1.5	-0.7	0	0
25.05.2023	0.9	2.2	-1.3	0	0
26.05.2023	0.9	2.7	-1.8	0	0
31.05.2023	0.9	2.1	-1.2	0	0
01.06.2023	1	2.4	-1.4	0	0
02.06.2023	1	2.3	-1.4	0	0
07.06.2023	0.9	1.7	-0.8	0	0
08.06.2023	0.9	2.5	-1.6	0	0
13.06.2023	0.8	2.3	-1.5	0	0
20.06.2023	1	2.2	-1.2	0	0
21.06.2023	1.2	3.3	-2.1	0	0
22.06.2023	1.2	2.9	-1.7	0	0
23.06.2023	1.1	2.5	-1.5	0	0
27.06.2023	1.2	3.2	-2.1	0	0
28.06.2023	1	2.8	-1.8	0	0
29.06.2023	0.9	2.6	-1.7	0	0
30.06.2023	0.8	1.9	-1.1	0	0
05.07.2023	0.7	1.8	-1.1	0	0
06.07.2023	0.8	1.9	-1.2	0	0
11.07.2023	0.9	2.1	-1.3	0	0
12.07.2023	0.9	1.8	-1	0	0
14.07.2023	0.8	1.7	-0.9	0	0
18.07.2023	0.8	1.5	-0.7	0	0
19.07.2023	0.7	1.9	-1.2	0	0
20.07.2023	0.7	1.6	-0.9	0	0
26.07.2023	0.8	2	-1.3	0	0
27.07.2023	0.8	2.3	-1.5	0	0
28.07.2023	0.7	1.7	-1	0	0
01.08.2023	0.7	1.3	-0.7	0	0
02.08.2023	0.7	1.8	-1.1	0	0
03.08.2023	0.7	1.9	-1.3	0	0
04.08.2023	0.7	2	-1.3	0	0
08.08.2023	0.7	1.5	-0.8	0	0
09.08.2023	0.7	2	-1.3	0	0
10.08.2023	0.7	1.8	-1.2	0	0
11.08.2023	0.7	1.8	-1.1	0	0
15.08.2023	0.7	1.5	-0.9	0	0
16.08.2023	0.7	1.6	-0.9	0	0

17.08.2023	0.7	1.6	-0.9	0	0
18.08.2023	0.8	2.1	-1.4	0	0
22.08.2023	0.8	1.8	-1	0	0
23.08.2023	0.8	1.7	-1	0	0
24.08.2023	0.8	2.2	-1.4	0	0
25.08.2023	0.8	2.2	-1.4	0	0
30.08.2023	0.8	1.5	-0.7	0	0
31.08.2023	0.8	2.1	-1.4	0	0
01.09.2023	0.7	1.7	-1	0	0
05.09.2023	0.6	1.3	-0.7	0	0
06.09.2023	0.6	1.4	-0.8	0	0
07.09.2023	0.6	1.2	-0.6	0	0
08.09.2023	0.7	2	-1.3	0	0
12.09.2023	0.7	1.6	-1	0	0
13.09.2023	0.7	1.4	-0.7	0	0
14.09.2023	0.7	1.8	-1.1	0	0
15.09.2023	0.7	1.6	-1	0	0
19.09.2023	0.7	1.7	-1	0	0
20.09.2023	0.8	2.1	-1.3	0	0
21.09.2023	0.8	1.5	-0.8	0	0
22.09.2023	0.8	2.3	-1.5	0	0
26.09.2023	0.8	2	-1.2	0	0
27.09.2023	0.9	1.9	-1.1	0	0
28.09.2023	0.8	2.2	-1.4	0	0
29.09.2023	0.8	1.7	-0.9	0	0
03.10.2023	0.8	2.4	-1.6	0	0
04.10.2023	0.9	1.6	-0.8	0	0
06.10.2023	1	2.4	-1.5	0	0
10.10.2023	1	2.5	-1.6	0	0
11.10.2023	0.9	1.7	-0.8	0	0
12.10.2023	0.9	1.4	-0.6	0	0
17.10.2023	0.8	1.9	-1.1	0	0
18.10.2023	0.8	1.8	-1	0	0
20.10.2023	0.9	2	-1.1	0	0
24.10.2023	0.9	2.5	-1.6	0	0
25.10.2023	1	2	-1.1	0	0
26.10.2023	1	2.1	-1.2	0	0
27.10.2023	1.6	3.3	-1.7	0	0.1
31.10.2023	1.7	3.4	-1.7	0	0.1

01.11.2023	1.7	3.9	-2.3	0	0.1
02.11.2023	1.7	4.6	-3.1	0	0.1
03.11.2023	1.4	3.5	-2.2	0	0.1
07.11.2023	1.4	3.3	-2	0	0.1
08.11.2023	1.4	2.9	-1.6	0	0.1
09.11.2023	1.3	2.7	-1.5	0	0.1
10.11.2023	1.1	2.7	-1.7	0	0
14.11.2023	1.2	2.6	-1.4	0	0.1
15.11.2023	1	2.8	-1.8	0	0
16.11.2023	0.9	2.1	-1.2	0	0
17.11.2023	1	1.9	-0.9	0	0
22.11.2023	1	2.9	-1.9	0	0
23.11.2023	1	2.6	-1.7	0	0
24.11.2023	1.1	3.6	-2.5	0	0.1
28.11.2023	1.1	2.8	-1.8	0	0
29.11.2023	1	3	-2	0	0
30.11.2023	0.9	3.1	-2.2	0	0
05.12.2023	0.9	3.1	-2.2	0	0
07.12.2023	0.9	2.5	-1.6	0	0
08.12.2023	0.9	2.3	-1.4	0	0
13.12.2023	0.9	2.3	-1.5	0	0
14.12.2023	0.9	2	-1.1	0	0
15.12.2023	0.7	2.2	-1.6	0	0
19.12.2023	0.7	1.9	-1.2	0	0
20.12.2023	0.7	1.8	-1.1	0	0
21.12.2023	0.6	1.3	-0.7	0	0
22.12.2023	0.6	1.7	-1.1	0	0
28.12.2023	0.6	1.5	-0.9	0	0
03.01.2024	0.6	1.4	-0.8	0	0
04.01.2024	0.8	2.2	-1.5	0	0
05.01.2024	0.8	1.6	-0.9	0	0
11.01.2024	0.7	1.6	-1	0	0
12.01.2024	0.7	1.4	-0.7	0	0
16.01.2024	0.7	1.3	-0.6	0	0
17.01.2024	0.7	2	-1.3	0	0
18.01.2024	0.7	1.2	-0.5	0	0
19.01.2024	0.7	1.1	-0.4	0	0
23.01.2024	0.6	1.3	-0.7	0	0
24.01.2024	0.6	0.8	-0.3	0	0

25.01.2024	0.6	0.6	-0.1	0	0
26.01.2024	0.6	1.3	-0.7	0	0
30.01.2024	0.5	1	-0.4	0	0
31.01.2024	0.5	0.7	-0.2	0	0
01.02.2024	0.5	0.9	-0.3	0	0
02.02.2024	0.6	1.2	-0.6	0	0
06.02.2024	0.6	0.6	-0.1	0	0
07.02.2024	0.6	0.7	-0.1	0	0
09.02.2024	0.6	0.9	-0.4	0	0
13.02.2024	0.5	0.7	-0.1	0	0
14.02.2024	0.6	0.5	0	0	0
15.02.2024	0.6	0.8	-0.3	0	0
16.02.2024	0.6	0.6	-0.1	0	0
20.02.2024	0.6	0.5	0	0	0
21.02.2024	0.6	1.1	-0.5	0	0
22.02.2024	0.6	0.5	0	0	0
23.02.2024	0.5	0.7	-0.2	0	0
27.02.2024	0.6	0.6	0	0	0
28.02.2024	0.5	0.6	-0.1	0	0
29.02.2024	0.5	0.3	0.2	0	0
01.03.2024	0.5	0.7	-0.2	0	0
05.03.2024	0.5	0.6	-0.2	0	0
06.03.2024	0.5	0.6	-0.2	0	0
07.03.2024	0.4	0.7	-0.3	0	0
12.03.2024	0.4	0.3	0.1	0	0
13.03.2024	0.4	0.5	-0.1	0	0
14.03.2024	0.4	0.3	0	0	0
15.03.2024	0.4	0.3	0	0	0
19.03.2024	0.4	0.5	-0.1	0	0
20.03.2024	0.4	0.4	0	0	0
21.03.2024	0.4	0.5	-0.1	0	0
22.03.2024	0.4	0.3	0	0	0
26.03.2024	0.4	0.3	0.1	0	0
27.03.2024	0.4	0.4	-0.1	0	0
28.03.2024	0.4	0.3	0.1	0	0
04.04.2024	0.4	0.3	0.1	0	0
05.04.2024	0.4	0.5	-0.1	0	0
09.04.2024	0.4	0.6	-0.2	0	0
10.04.2024	0.4	0.4	0	0	0

11.04.2024	0.4	0.6	-0.2	0	0
12.04.2024	0.4	0.3	0.1	0	0
17.04.2024	0.4	0.3	0.1	0	0
18.04.2024	0.4	0.2	0.2	0	0
19.04.2024	0.4	0.7	-0.3	0	0
23.04.2024	0.5	0.3	0.2	0	0
24.04.2024	0.4	0.6	-0.2	0	0
26.04.2024	0.5	0.4	0.1	0	0
30.04.2024	0.5	0.3	0.2	0	0
03.05.2024	0.6	0.6	-0.1	0	0
07.05.2024	0.5	0.7	-0.2	0	0
08.05.2024	0.5	0.4	0.1	0	0
09.05.2024	0.5	0.4	0.1	0	0
10.05.2024	0.5	0.7	-0.2	0	0
14.05.2024	0.5	0.6	-0.2	0	0
15.05.2024	0.5	0.6	-0.2	0	0
16.05.2024	0.5	0.7	-0.2	0	0
17.05.2024	0.5	0.5	0	0	0
21.05.2024	0.5	0.4	0.1	0	0
22.05.2024	0.5	0.5	0	0	0
23.05.2024	0.5	0.8	-0.3	0	0
24.05.2024	0.5	0.4	0.1	0	0
28.05.2024	0.5	0.6	-0.2	0	0
29.05.2024	0.5	0.5	-0.1	0	0
30.05.2024	0.5	0.3	0.2	0	0
31.05.2024	0.5	0.4	0.1	0	0
05.06.2024	0.5	0.7	-0.2	0	0
06.06.2024	0.6	0.8	-0.2	0	0
07.06.2024	0.6	0.9	-0.3	0	0
11.06.2024	0.6	0.8	-0.3	0	0
12.06.2024	0.6	0.6	0	0	0
13.06.2024	0.6	0.5	0	0	0
14.06.2024	0.6	0.8	-0.2	0	0
18.06.2024	0.6	0.8	-0.2	0	0
19.06.2024	0.6	0.8	-0.2	0	0
20.06.2024	0.6	0.6	-0.1	0	0
25.06.2024	0.7	0.5	0.1	0	0
26.06.2024	0.7	0.8	-0.1	0	0
27.06.2024	0.7	0.5	0.1	0	0

02.07.2024	0.7	0.4	0.3	0	0
03.07.2024	0.7	0.5	0.1	0	0
04.07.2024	0.7	0.7	-0.1	0	0
05.07.2024	0.6	0.6	0.1	0	0
09.07.2024	0.6	0.6	0	0	0
10.07.2024	0.7	1	-0.3	0	0
11.07.2024	0.7	0.8	-0.1	0	0
12.07.2024	0.6	0.5	0.2	0	0
16.07.2024	0.6	0.4	0.3	0	0
17.07.2024	0.6	0.6	0	0	0
18.07.2024	0.7	0.7	0	0	0
19.07.2024	0.7	0.6	0.1	0	0
23.07.2024	0.6	0.3	0.3	0	0
24.07.2024	0.6	0.9	-0.3	0	0
25.07.2024	0.7	0.5	0.1	0	0
26.07.2024	0.7	1	-0.4	0	0
30.07.2024	0.7	0.4	0.3	0	0
31.07.2024	0.7	0.7	-0.1	0	0
01.08.2024	0.8	1.1	-0.4	0	0
02.08.2024	1	1.4	-0.5	0	0
06.08.2024	1.3	1.9	-0.7	0	0.1
09.08.2024	1.1	1.5	-0.4	0	0.1
13.08.2024	1	1.1	-0.1	0	0
14.08.2024	1	0.7	0.2	0	0
15.08.2024	1	1.5	-0.6	0	0
16.08.2024	0.9	1	-0.2	0	0
20.08.2024	0.9	1.2	-0.3	0	0
21.08.2024	0.9	0.8	0.1	0	0
22.08.2024	0.9	0.9	0	0	0
23.08.2024	0.9	0.9	0	0	0
27.08.2024	0.9	1.4	-0.6	0	0
28.08.2024	0.9	0.9	0	0	0
29.08.2024	1	1.5	-0.6	0	0
03.09.2024	0.9	1.4	-0.6	0	0
04.09.2024	1	0.8	0.1	0	0
30.08.2024	0.9	0.9	0	0	0
04.01.2023	1.2	2.6	-1.4	0	0
11.01.2023	0.9	2.2	-1.4	0	0
27.01.2023	0.7	1.8	-1.1	0	0



07.02.2023	0.6	1.3	-0.8	0	0
14.02.2023	0.7	1.3	-0.7	0	0
24.02.2023	0.7	1.3	-0.6	0	0
03.03.2023	0.7	1.6	-0.9	0	0
09.03.2023	0.7	1.5	-0.8	0	0
17.03.2023	1.3	3.3	-2	0	0
29.03.2023	0.9	2	-1.1	0	0
06.04.2023	1	2.9	-1.9	0	0
25.04.2023	0.7	1.9	-1.2	0	0
28.04.2023	0.7	1.3	-0.6	0	0
03.05.2023	0.6	1.3	-0.6	0	0
30.05.2023	0.9	2.2	-1.3	0	0
06.06.2023	0.9	2.1	-1.3	0	0
09.06.2023	0.8	1.6	-0.8	0	0
15.06.2023	0.8	1.7	-0.9	0	0
04.07.2023	0.7	1.6	-0.9	0	0
07.07.2023	0.8	1.9	-1.1	0	0
13.07.2023	0.8	1.6	-0.8	0	0
21.07.2023	0.8	1.7	-0.9	0	0
25.07.2023	0.8	1.8	-1	0	0
29.08.2023	0.8	2.1	-1.3	0	0
05.10.2023	0.9	2	-1.1	0	0
13.10.2023	0.9	2.2	-1.3	0	0
19.10.2023	0.8	2.1	-1.2	0	0
21.11.2023	1	2.5	-1.6	0	0
01.12.2023	1	2.6	-1.7	0	0
06.12.2023	0.9	2.8	-1.9	0	0
12.12.2023	0.9	2.6	-1.8	0	0
29.12.2023	0.7	1.5	-0.8	0	0
09.01.2024	0.7	1.8	-1.1	0	0
10.01.2024	0.7	1.5	-0.9	0	0
08.02.2024	0.6	1.1	-0.6	0	0
08.03.2024	0.4	0.7	-0.3	0	0
03.04.2024	0.4	0.5	-0.1	0	0
16.04.2024	0.4	0.5	-0.1	0	0
04.06.2024	0.5	0.5	0	0	0
21.06.2024	0.5	0.5	0	0	0
28.06.2024	0.7	0.5	0.1	0	0
07.08.2024	1.2	1.9	-0.8	0	0.1

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

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