

# Historical cost data

**ISIN: DE000HC1UYK3**

| Date       | Cost Impact / Reduction in Yield (%) | Entry Costs (%) | Exit Costs (%) | Portfolio Transaction Costs per Year (%) | Other Ongoing Costs (%) |
|------------|--------------------------------------|-----------------|----------------|--|-------------------------|
| 14.11.2022 | 2.96                                 | 2.31            | 0              | 0  | 0.65                    |
| 16.11.2022 | 3.08                                 | 2.53            | 0              | 0  | 0.55                    |
| 08.03.2023 | 0.8                                  | 2.1             | -1.8           | 0  | 0.4                     |
| 17.11.2022 | 2.67                                 | 2.18            | 0              | 0  | 0.49                    |
| 18.11.2022 | 3.43                                 | 2.78            | 0              | 0  | 0.65                    |
| 22.11.2022 | 6.15                                 | 5.06            | 0              | 0  | 1.09                    |
| 23.11.2022 | 5                                    | 4.16            | 0              | 0  | 0.84                    |
| 24.11.2022 | 2.84                                 | 2.28            | 0              | 0  | 0.56                    |
| 25.11.2022 | 2.77                                 | 2.27            | 0              | 0  | 0.5                     |
| 29.11.2022 | 3                                    | 2.47            | 0              | 0  | 0.53                    |
| 30.11.2022 | 3.66                                 | 3.03            | 0              | 0  | 0.63                    |
| 01.12.2022 | -6.53                                | -7.27           | 0              | 0  | 0.74                    |
| 02.12.2022 | 1.64                                 | 1.22            | 0              | 0  | 0.42                    |
| 06.12.2022 | 2.19                                 | 1.8             | 0              | 0  | 0.39                    |
| 07.12.2022 | 3.97                                 | 3.56            | 0              | 0  | 0.41                    |
| 08.12.2022 | 2.37                                 | 1.96            | 0              | 0  | 0.41                    |
| 09.12.2022 | 1.9                                  | 1.53            | 0              | 0  | 0.37                    |
| 13.12.2022 | 2.07                                 | 1.68            | 0              | 0  | 0.4                     |
| 14.12.2022 | 1.68                                 | 1.37            | 0              | 0  | 0.31                    |
| 15.12.2022 | 1.37                                 | 1.07            | 0              | 0  | 0.3                     |
| 16.12.2022 | 1.38                                 | 1.07            | 0              | 0  | 0.3                     |
| 20.12.2022 | 1.74                                 | 1.39            | 0              | 0  | 0.36                    |
| 21.12.2022 | 1.64                                 | 1.32            | 0              | 0  | 0.31                    |
| 22.12.2022 | 1.83                                 | 1.5             | 0              | 0  | 0.33                    |
| 23.12.2022 | 1.57                                 | 1.23            | 0              | 0  | 0.34                    |
| 28.12.2022 | 0.5                                  | 1.4             | -1.2           | 0  | 0.3                     |
| 29.12.2022 | 0.6                                  | 1.6             | -1.3           | 0  | 0.3                     |
| 30.12.2022 | 0.5                                  | 1.3             | -1.1           | 0  | 0.3                     |
| 03.01.2023 | 0.5                                  | 1.4             | -1.2           | 0  | 0.3                     |
| 04.01.2023 | 0.7                                  | 2               | -1.8           | 0  | 0.4                     |
| 05.01.2023 | 0.6                                  | 1.6             | -1.3           | 0  | 0.3                     |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 06.01.2023 | 0.7 | 1.9 | -1.6 | 0 | 0.4 |
| 10.01.2023 | 0.5 | 1.4 | -1.2 | 0 | 0.3 |
| 11.01.2023 | 0.5 | 1.3 | -1.1 | 0 | 0.3 |
| 12.01.2023 | 0.5 | 1.1 | -0.9 | 0 | 0.3 |
| 13.01.2023 | 0.4 | 1.2 | -1   | 0 | 0.2 |
| 18.01.2023 | 0.4 | 5.3 | -5.1 | 0 | 0.2 |
| 19.01.2023 | 0.4 | 0.1 | 0.1  | 0 | 0.3 |
| 20.01.2023 | 0.4 | 0.8 | -0.6 | 0 | 0.3 |
| 23.01.2023 | 0.4 | 6.2 | -6   | 0 | 0.2 |
| 24.01.2023 | 0.4 | 1   | -0.8 | 0 | 0.2 |
| 25.01.2023 | 0.4 | 1.1 | -0.9 | 0 | 0.2 |
| 26.01.2023 | 0.4 | 0.9 | -0.8 | 0 | 0.2 |
| 27.01.2023 | 0.4 | 1.2 | -1   | 0 | 0.2 |
| 31.01.2023 | 0.4 | 0.8 | -0.6 | 0 | 0.2 |
| 01.02.2023 | 0.4 | 4.7 | -4.5 | 0 | 0.2 |
| 02.02.2023 | 0.4 | 0.7 | -0.5 | 0 | 0.2 |
| 03.02.2023 | 0.4 | 0.8 | -0.6 | 0 | 0.2 |
| 07.02.2023 | 0.5 | 1   | -0.8 | 0 | 0.3 |
| 08.02.2023 | 0.5 | 1.2 | -1   | 0 | 0.3 |
| 09.02.2023 | 0.5 | 1.3 | -1.1 | 0 | 0.3 |
| 10.02.2023 | 0.5 | 1.4 | -1.2 | 0 | 0.3 |
| 14.02.2023 | 0.5 | 1.3 | -1   | 0 | 0.3 |
| 15.02.2023 | 0.5 | 1.3 | -1   | 0 | 0.3 |
| 16.02.2023 | 0.6 | 1.4 | -1.2 | 0 | 0.3 |
| 17.02.2023 | 0.6 | 1.4 | -1.2 | 0 | 0.3 |
| 21.02.2023 | 0.6 | 1.3 | -1.1 | 0 | 0.3 |
| 22.02.2023 | 0.6 | 1.7 | -1.5 | 0 | 0.3 |
| 23.02.2023 | 0.7 | 1.6 | -1.4 | 0 | 0.4 |
| 24.02.2023 | 0.7 | 2   | -1.7 | 0 | 0.4 |
| 28.02.2023 | 0.7 | 2.2 | -1.8 | 0 | 0.4 |
| 01.03.2023 | 0.7 | 0.1 | 0.1  | 0 | 0.4 |
| 02.03.2023 | 0.6 | 1.8 | -1.6 | 0 | 0.3 |
| 03.03.2023 | 0.7 | 1.9 | -1.6 | 0 | 0.4 |
| 07.03.2023 | 0.6 | 1.5 | -1.2 | 0 | 0.3 |
| 06.07.2023 | 0.6 | 1.2 | -0.9 | 0 | 0.3 |
| 09.03.2023 | 0.9 | 2.2 | -1.9 | 0 | 0.5 |
| 10.03.2023 | 0.8 | 2   | -1.6 | 0 | 0.5 |
| 14.03.2023 | 0.5 | 1.2 | -0.9 | 0 | 0.3 |
| 15.03.2023 | 0.6 | 1.7 | -1.4 | 0 | 0.3 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 16.03.2023 | 1   | 0.2 | 0.2  | 0 | 0.6 |
| 17.03.2023 | 0.7 | 2.6 | -2.3 | 0 | 0.4 |
| 21.03.2023 | 0.6 | 1.3 | -1.1 | 0 | 0.3 |
| 22.03.2023 | 0.5 | 1.1 | -0.8 | 0 | 0.3 |
| 23.03.2023 | 0.5 | 1.2 | -1   | 0 | 0.3 |
| 24.03.2023 | 0.4 | 1   | -0.8 | 0 | 0.2 |
| 28.03.2023 | 0.5 | 1.4 | -1.2 | 0 | 0.3 |
| 29.03.2023 | 0.5 | 1.4 | -1.2 | 0 | 0.3 |
| 30.03.2023 | 0.5 | 1   | -0.8 | 0 | 0.3 |
| 31.03.2023 | 0.4 | 1.2 | -1   | 0 | 0.2 |
| 04.04.2023 | 0.4 | 1   | -0.8 | 0 | 0.2 |
| 05.04.2023 | 0.4 | 1.1 | -0.9 | 0 | 0.2 |
| 06.04.2023 | 0.4 | 1.1 | -1   | 0 | 0.2 |
| 12.04.2023 | 0.4 | 1.1 | -1   | 0 | 0.2 |
| 13.04.2023 | 0.4 | 0.9 | -0.8 | 0 | 0.2 |
| 14.04.2023 | 0.3 | 0.8 | -0.7 | 0 | 0.2 |
| 18.04.2023 | 0.4 | 1.3 | -1.1 | 0 | 0.2 |
| 19.04.2023 | 0.4 | 1.2 | -1.1 | 0 | 0.2 |
| 20.04.2023 | 0.4 | 1.1 | -0.9 | 0 | 0.2 |
| 21.04.2023 | 0.4 | 1.2 | -1   | 0 | 0.2 |
| 25.04.2023 | 0.4 | 0.8 | -0.6 | 0 | 0.2 |
| 26.04.2023 | 0.4 | 0.9 | -0.7 | 0 | 0.2 |
| 27.04.2023 | 0.4 | 1.1 | -1   | 0 | 0.2 |
| 28.04.2023 | 0.4 | 0.7 | -0.6 | 0 | 0.2 |
| 03.05.2023 | 0.4 | 0.9 | -0.8 | 0 | 0.2 |
| 04.05.2023 | 0.4 | 0.7 | -0.5 | 0 | 0.2 |
| 05.05.2023 | 0.4 | 3.9 | -3.7 | 0 | 0.2 |
| 09.05.2023 | 0.4 | 0.9 | -0.7 | 0 | 0.2 |
| 10.05.2023 | 0.4 | 0.9 | -0.8 | 0 | 0.2 |
| 11.05.2023 | 0.4 | 1   | -0.8 | 0 | 0.2 |
| 12.05.2023 | 0.4 | 1.1 | -0.9 | 0 | 0.2 |
| 16.05.2023 | 0.5 | 1.3 | -1.1 | 0 | 0.3 |
| 17.05.2023 | 0.5 | 1.3 | -1.1 | 0 | 0.3 |
| 18.05.2023 | 0.5 | 1.3 | -1.1 | 0 | 0.3 |
| 19.05.2023 | 0.6 | 1.6 | -1.3 | 0 | 0.3 |
| 23.05.2023 | 0.6 | 1.6 | -1.4 | 0 | 0.3 |
| 24.05.2023 | 0.6 | 1.5 | -1.2 | 0 | 0.3 |
| 25.05.2023 | 0.6 | 1.7 | -1.4 | 0 | 0.4 |
| 26.05.2023 | 0.7 | 1.8 | -1.5 | 0 | 0.4 |

|            |     |      |       |   |     |
|------------|-----|------|-------|---|-----|
| 30.05.2023 | 0.8 | 2.1  | -1.8  | 0 | 0.4 |
| 31.05.2023 | 0.7 | 1.7  | -1.4  | 0 | 0.4 |
| 01.06.2023 | 0.9 | 0.2  | 0.2   | 0 | 0.5 |
| 02.06.2023 | 0.7 | 1.7  | -1.4  | 0 | 0.4 |
| 06.06.2023 | 0.8 | 2    | -1.6  | 0 | 0.4 |
| 07.06.2023 | 0.8 | 1.9  | -1.5  | 0 | 0.5 |
| 08.06.2023 | 0.8 | 1.8  | -1.4  | 0 | 0.4 |
| 09.06.2023 | 0.7 | 1.9  | -1.6  | 0 | 0.4 |
| 13.06.2023 | 0.7 | 1.8  | -1.4  | 0 | 0.4 |
| 20.06.2023 | 0.5 | 1.1  | -0.8  | 0 | 0.3 |
| 21.06.2023 | 0.5 | 1.2  | -1    | 0 | 0.3 |
| 22.06.2023 | 0.5 | 1    | -0.8  | 0 | 0.3 |
| 23.06.2023 | 0.5 | 1.1  | -0.9  | 0 | 0.3 |
| 27.06.2023 | 0.5 | 1.4  | -1.1  | 0 | 0.3 |
| 28.06.2023 | 0.5 | 1    | -0.8  | 0 | 0.3 |
| 29.06.2023 | 0.5 | 1.3  | -1.1  | 0 | 0.3 |
| 30.06.2023 | 0.5 | 1.1  | -0.9  | 0 | 0.3 |
| 04.07.2023 | 0.5 | 1.2  | -0.9  | 0 | 0.3 |
| 05.07.2023 | 0.5 | 1.1  | -0.9  | 0 | 0.3 |
| 30.08.2023 | 0.8 | 2.2  | -1.9  | 0 | 0.4 |
| 27.09.2023 | 6   | 17.1 | -13.9 | 0 | 2.8 |
| 07.07.2023 | 0.6 | 1.4  | -1.2  | 0 | 0.3 |
| 11.07.2023 | 0.5 | 1    | -0.8  | 0 | 0.3 |
| 12.07.2023 | 0.4 | 1.2  | -1    | 0 | 0.2 |
| 13.07.2023 | 0.4 | 0.9  | -0.7  | 0 | 0.2 |
| 14.07.2023 | 0.3 | 0.8  | -0.6  | 0 | 0.2 |
| 18.07.2023 | 0.3 | 0.7  | -0.6  | 0 | 0.2 |
| 19.07.2023 | 0.3 | 0.7  | -0.6  | 0 | 0.2 |
| 20.07.2023 | 0.3 | 0.8  | -0.7  | 0 | 0.2 |
| 21.07.2023 | 0.4 | 0.8  | -0.7  | 0 | 0.2 |
| 25.07.2023 | 0.4 | 1.1  | -0.9  | 0 | 0.2 |
| 26.07.2023 | 0.4 | 1    | -0.8  | 0 | 0.2 |
| 27.07.2023 | 0.4 | 1    | -0.8  | 0 | 0.2 |
| 28.07.2023 | 0.5 | 0.9  | -0.7  | 0 | 0.3 |
| 01.08.2023 | 0.4 | 1.5  | -1.3  | 0 | 0.2 |
| 02.08.2023 | 0.5 | 1.2  | -1    | 0 | 0.3 |
| 03.08.2023 | 0.5 | 1.4  | -1.2  | 0 | 0.3 |
| 04.08.2023 | 0.5 | 1.2  | -1    | 0 | 0.3 |
| 08.08.2023 | 0.5 | 1.1  | -0.9  | 0 | 0.3 |

|            |      |      |       |   |     |
|------------|------|------|-------|---|-----|
| 09.08.2023 | 0.5  | 1.4  | -1.2  | 0 | 0.3 |
| 10.08.2023 | 0.5  | 1.4  | -1.1  | 0 | 0.3 |
| 11.08.2023 | 0.5  | 1.1  | -0.9  | 0 | 0.2 |
| 15.08.2023 | 0.6  | 1.4  | -1.2  | 0 | 0.3 |
| 16.08.2023 | 0.5  | 1.3  | -1    | 0 | 0.3 |
| 17.08.2023 | 0.6  | 1.4  | -1.1  | 0 | 0.3 |
| 18.08.2023 | 0.6  | 1.5  | -1.2  | 0 | 0.3 |
| 22.08.2023 | 0.6  | 1.7  | -1.4  | 0 | 0.3 |
| 23.08.2023 | 0.7  | 1.8  | -1.5  | 0 | 0.4 |
| 24.08.2023 | 0.7  | 1.6  | -1.3  | 0 | 0.4 |
| 25.08.2023 | 0.7  | 1.9  | -1.6  | 0 | 0.4 |
| 29.08.2023 | 0.8  | 1.9  | -1.5  | 0 | 0.4 |
| 31.08.2023 | 0.6  | 1.1  | -0.9  | 0 | 0.3 |
| 01.09.2023 | 0.7  | 0.2  | 0.2   | 0 | 0.4 |
| 05.09.2023 | 0.9  | 2.7  | -2.2  | 0 | 0.5 |
| 06.09.2023 | 1.3  | 3.4  | -2.8  | 0 | 0.7 |
| 07.09.2023 | 1.3  | 3    | -2.4  | 0 | 0.7 |
| 08.09.2023 | 1.3  | 3    | -2.4  | 0 | 0.7 |
| 12.09.2023 | 1.1  | 1.9  | -1.4  | 0 | 0.6 |
| 13.09.2023 | 1.3  | 3    | -2.4  | 0 | 0.7 |
| 14.09.2023 | 1.1  | 2.4  | -1.9  | 0 | 0.6 |
| 15.09.2023 | 1.8  | 5.3  | -4.4  | 0 | 0.9 |
| 19.09.2023 | 1.7  | 5    | -4.2  | 0 | 0.9 |
| 20.09.2023 | 1.6  | 4.2  | -3.5  | 0 | 0.8 |
| 21.09.2023 | 1.3  | 3.9  | -3.3  | 0 | 0.7 |
| 22.09.2023 | 2    | 5.4  | -4.5  | 0 | 1   |
| 26.09.2023 | 28.6 | 35.9 | -10.2 | 0 | 2.8 |

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