

# Historical cost data

**ISIN: DE000HC1VAQ8**

| Date       | Cost Impact / Reduction<br>in Yield (%) | Entry Costs (%) | Exit Costs (%) | Portfolio Transaction<br>Costs per Year (%) | Other Ongoing Costs (%) |
|------------|-----------------------------------------|-----------------|----------------|---------------------------------------------|-------------------------|
| 14.11.2022 | 5.4                                     | 5.27            | 0              | 0                                           | 0.13                    |
| 16.11.2022 | 6                                       | 5.82            | 0              | 0                                           | 0.18                    |
| 04.01.2023 | 0.4                                     | 2.7             | -2.4           | 0                                           | 0.1                     |
| 12.07.2023 | 0.8                                     | 5.2             | -4.6           | 0                                           | 0.2                     |
| 17.11.2022 | 5.24                                    | 5.08            | 0              | 0                                           | 0.16                    |
| 18.11.2022 | 8.75                                    | 8.5             | 0              | 0                                           | 0.25                    |
| 22.11.2022 | 9.77                                    | 9.49            | 0              | 0                                           | 0.28                    |
| 23.11.2022 | 5.78                                    | 5.6             | 0              | 0                                           | 0.18                    |
| 24.11.2022 | 5.39                                    | 5.22            | 0              | 0                                           | 0.17                    |
| 25.11.2022 | 5.66                                    | 5.52            | 0              | 0                                           | 0.14                    |
| 29.11.2022 | 3.44                                    | 3.26            | 0              | 0                                           | 0.18                    |
| 30.11.2022 | 5.65                                    | 5.47            | 0              | 0                                           | 0.18                    |
| 01.12.2022 | 6.29                                    | 6.13            | 0              | 0                                           | 0.16                    |
| 02.12.2022 | 3.2                                     | 3.09            | 0              | 0                                           | 0.11                    |
| 06.12.2022 | 3.88                                    | 3.77            | 0              | 0                                           | 0.11                    |
| 07.12.2022 | 3.99                                    | 3.86            | 0              | 0                                           | 0.13                    |
| 08.12.2022 | 2.9                                     | 2.79            | 0              | 0                                           | 0.11                    |
| 09.12.2022 | 3.29                                    | 3.17            | 0              | 0                                           | 0.12                    |
| 13.12.2022 | 4.38                                    | 4.24            | 0              | 0                                           | 0.14                    |
| 14.12.2022 | 2.91                                    | 2.81            | 0              | 0                                           | 0.1                     |
| 15.12.2022 | 2.99                                    | 2.89            | 0              | 0                                           | 0.1                     |
| 16.12.2022 | 3.31                                    | 3.19            | 0              | 0                                           | 0.11                    |
| 20.12.2022 | 4.37                                    | 4.24            | 0              | 0                                           | 0.13                    |
| 21.12.2022 | 3.33                                    | 3.22            | 0              | 0                                           | 0.1                     |
| 22.12.2022 | 2.92                                    | 2.83            | 0              | 0                                           | 0.09                    |
| 23.12.2022 | 3.46                                    | 3.36            | 0              | 0                                           | 0.11                    |
| 28.12.2022 | 0.4                                     | 2.8             | -2.5           | 0                                           | 0.1                     |
| 29.12.2022 | 0.5                                     | 3.6             | -3.2           | 0                                           | 0.1                     |
| 30.12.2022 | 0.8                                     | 3.3             | -2.6           | 0                                           | 0.1                     |
| 03.01.2023 | 1.5                                     | 4.1             | -2.7           | 0                                           | 0.1                     |
| 05.01.2023 | 0.3                                     | 2.4             | -2.1           | 0                                           | 0.1                     |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 06.01.2023 | 0.3 | 2.5 | -2.2 | 0 | 0.1 |
| 10.01.2023 | 0.3 | 2   | -1.8 | 0 | 0.1 |
| 11.01.2023 | 0.5 | 2.1 | -1.6 | 0 | 0.1 |
| 12.01.2023 | 0.5 | 2   | -1.6 | 0 | 0.1 |
| 13.01.2023 | 0.5 | 1.9 | -1.5 | 0 | 0.1 |
| 18.01.2023 | 0.3 | 2   | -1.8 | 0 | 0.1 |
| 19.01.2023 | 0.3 | 4.1 | -3.9 | 0 | 0.1 |
| 20.01.2023 | 0.3 | 2.2 | -2   | 0 | 0.1 |
| 24.01.2023 | 0.6 | 2.2 | -1.7 | 0 | 0.1 |
| 25.01.2023 | 0.3 | 1.9 | -1.7 | 0 | 0.1 |
| 26.01.2023 | 0.3 | 1.7 | -1.5 | 0 | 0.1 |
| 27.01.2023 | 0.5 | 1.9 | -1.4 | 0 | 0.1 |
| 31.01.2023 | 0.3 | 1.5 | -1.3 | 0 | 0.1 |
| 01.02.2023 | 0.5 | 1.6 | -1.2 | 0 | 0.1 |
| 02.02.2023 | 0.3 | 1.6 | -1.4 | 0 | 0.1 |
| 03.02.2023 | 0.5 | 1.8 | -1.4 | 0 | 0.1 |
| 07.02.2023 | 0.6 | 2.5 | -1.9 | 0 | 0.1 |
| 08.02.2023 | 0.6 | 2.3 | -1.8 | 0 | 0.1 |
| 09.02.2023 | 0.4 | 2.4 | -2.1 | 0 | 0.1 |
| 10.02.2023 | 0.4 | 2.4 | -2.1 | 0 | 0.1 |
| 14.02.2023 | 0.4 | 2.5 | -2.2 | 0 | 0.1 |
| 15.02.2023 | 0.4 | 2.7 | -2.4 | 0 | 0.1 |
| 16.02.2023 | 0.5 | 3.2 | -2.8 | 0 | 0.1 |
| 17.02.2023 | 0.6 | 3.6 | -3.2 | 0 | 0.1 |
| 21.02.2023 | 1.8 | 4.7 | -3   | 0 | 0.1 |
| 22.02.2023 | 0.6 | 3.4 | -2.9 | 0 | 0.1 |
| 23.02.2023 | 0.7 | 4.8 | -4.2 | 0 | 0.2 |
| 24.02.2023 | 0.8 | 4.6 | -4   | 0 | 0.2 |
| 28.02.2023 | 0.9 | 5.6 | -4.9 | 0 | 0.2 |
| 01.03.2023 | 0.9 | 5.1 | -4.4 | 0 | 0.2 |
| 02.03.2023 | 0.7 | 4   | -3.5 | 0 | 0.2 |
| 03.03.2023 | 0.7 | 4.9 | -4.3 | 0 | 0.2 |
| 07.03.2023 | 0.7 | 4.3 | -3.8 | 0 | 0.2 |
| 08.03.2023 | 0.9 | 5.6 | -4.9 | 0 | 0.2 |
| 09.03.2023 | 1   | 6.2 | -5.5 | 0 | 0.2 |
| 10.03.2023 | 1   | 6.6 | -5.8 | 0 | 0.2 |
| 14.03.2023 | 0.6 | 3.2 | -2.8 | 0 | 0.1 |
| 15.03.2023 | 0.6 | 3.1 | -2.7 | 0 | 0.1 |
| 16.03.2023 | 0.5 | 3   | -2.7 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 17.03.2023 | 0.5 | 3.2 | -2.8 | 0 | 0.1 |
| 21.03.2023 | 0.4 | 2.5 | -2.2 | 0 | 0.1 |
| 22.03.2023 | 0.5 | 2.6 | -2.3 | 0 | 0.1 |
| 23.03.2023 | 0.4 | 2.7 | -2.4 | 0 | 0.1 |
| 24.03.2023 | 0.4 | 2.3 | -2   | 0 | 0.1 |
| 28.03.2023 | 0.7 | 2.4 | -1.8 | 0 | 0.1 |
| 29.03.2023 | 0.3 | 2.3 | -2   | 0 | 0.1 |
| 30.03.2023 | 0.6 | 2.1 | -1.6 | 0 | 0.1 |
| 31.03.2023 | 0.3 | 2.2 | -1.9 | 0 | 0.1 |
| 04.04.2023 | 0.3 | 1.9 | -1.7 | 0 | 0.1 |
| 05.04.2023 | 0.3 | 1.7 | -1.5 | 0 | 0.1 |
| 06.04.2023 | 0.3 | 1.8 | -1.6 | 0 | 0.1 |
| 12.04.2023 | 0.3 | 1.8 | -1.6 | 0 | 0.1 |
| 13.04.2023 | 0.5 | 2.1 | -1.7 | 0 | 0.1 |
| 14.04.2023 | 0.3 | 1.7 | -1.5 | 0 | 0.1 |
| 18.04.2023 | 0.5 | 2.3 | -1.8 | 0 | 0.1 |
| 19.04.2023 | 0.3 | 2.2 | -2   | 0 | 0.1 |
| 20.04.2023 | 0.3 | 2.2 | -2   | 0 | 0.1 |
| 21.04.2023 | 0.3 | 1.9 | -1.7 | 0 | 0.1 |
| 25.04.2023 | 0.3 | 2.4 | -2.2 | 0 | 0.1 |
| 26.04.2023 | 0.6 | 2.4 | -1.9 | 0 | 0.1 |
| 27.04.2023 | 0.3 | 2.4 | -2.1 | 0 | 0.1 |
| 28.04.2023 | 0.6 | 2.2 | -1.7 | 0 | 0.1 |
| 03.05.2023 | 0.3 | 2   | -1.7 | 0 | 0.1 |
| 04.05.2023 | 0.5 | 2.1 | -1.7 | 0 | 0.1 |
| 05.05.2023 | 0.2 | 0.6 | -0.4 | 0 | 0.1 |
| 09.05.2023 | 0.3 | 2   | -1.8 | 0 | 0.1 |
| 10.05.2023 | 0.3 | 2.1 | -1.8 | 0 | 0.1 |
| 11.05.2023 | 0.3 | 1.9 | -1.6 | 0 | 0.1 |
| 12.05.2023 | 0.3 | 2   | -1.7 | 0 | 0.1 |
| 16.05.2023 | 0.3 | 2.3 | -2.1 | 0 | 0.1 |
| 17.05.2023 | 0.6 | 2.3 | -1.8 | 0 | 0.1 |
| 18.05.2023 | 0.4 | 2.6 | -2.3 | 0 | 0.1 |
| 19.05.2023 | 0.5 | 2.8 | -2.4 | 0 | 0.1 |
| 23.05.2023 | 0.4 | 2.8 | -2.5 | 0 | 0.1 |
| 24.05.2023 | 0.5 | 3.1 | -2.7 | 0 | 0.1 |
| 25.05.2023 | 0.9 | 3.7 | -3   | 0 | 0.1 |
| 26.05.2023 | 0.6 | 3.7 | -3.2 | 0 | 0.1 |
| 30.05.2023 | 2   | 5.5 | -3.6 | 0 | 0.1 |

|            |     |      |       |   |     |
|------------|-----|------|-------|---|-----|
| 31.05.2023 | 0.7 | 4.6  | -4.1  | 0 | 0.2 |
| 01.06.2023 | 1   | 4.3  | -3.4  | 0 | 0.1 |
| 02.06.2023 | 0.6 | 3.6  | -3.2  | 0 | 0.1 |
| 06.06.2023 | 0.5 | 3.5  | -3.1  | 0 | 0.1 |
| 07.06.2023 | 0.6 | 3.9  | -3.5  | 0 | 0.2 |
| 08.06.2023 | 0.6 | 4.3  | -3.8  | 0 | 0.1 |
| 09.06.2023 | 0.6 | 4    | -3.6  | 0 | 0.1 |
| 13.06.2023 | 0.7 | 4.3  | -3.8  | 0 | 0.2 |
| 20.06.2023 | 2   | 6.4  | -4.7  | 0 | 0.2 |
| 21.06.2023 | 1   | 6.6  | -5.9  | 0 | 0.2 |
| 22.06.2023 | 1   | 7.6  | -6.9  | 0 | 0.2 |
| 23.06.2023 | 1.1 | 8.1  | -7.3  | 0 | 0.3 |
| 27.06.2023 | 0.8 | 5.6  | -5    | 0 | 0.2 |
| 28.06.2023 | 0.8 | 5.7  | -5    | 0 | 0.2 |
| 29.06.2023 | 0.9 | 6.5  | -5.9  | 0 | 0.2 |
| 30.06.2023 | 0.8 | 6.1  | -5.5  | 0 | 0.2 |
| 04.07.2023 | 0.6 | 3.8  | -3.4  | 0 | 0.1 |
| 05.07.2023 | 1.6 | 5.5  | -4    | 0 | 0.2 |
| 06.07.2023 | 0.7 | 4.5  | -3.9  | 0 | 0.2 |
| 07.07.2023 | 1   | 7.3  | -6.5  | 0 | 0.2 |
| 11.07.2023 | 0.9 | 6.4  | -5.7  | 0 | 0.2 |
| 27.09.2023 | 3.6 | 21.5 | -18.6 | 0 | 0.8 |
| 13.07.2023 | 0.6 | 3.7  | -3.3  | 0 | 0.1 |
| 14.07.2023 | 0.5 | 3.4  | -3    | 0 | 0.1 |
| 18.07.2023 | 0.6 | 3.6  | -3.1  | 0 | 0.1 |
| 19.07.2023 | 0.5 | 3.3  | -2.9  | 0 | 0.1 |
| 20.07.2023 | 0.5 | 3.5  | -3.1  | 0 | 0.1 |
| 21.07.2023 | 0.6 | 3.9  | -3.4  | 0 | 0.1 |
| 25.07.2023 | 0.6 | 3.9  | -3.4  | 0 | 0.1 |
| 26.07.2023 | 0.6 | 4.1  | -3.6  | 0 | 0.1 |
| 27.07.2023 | 0.6 | 4.5  | -4    | 0 | 0.2 |
| 28.07.2023 | 0.7 | 4.6  | -4.1  | 0 | 0.2 |
| 01.08.2023 | 0.6 | 4.2  | -3.7  | 0 | 0.1 |
| 02.08.2023 | 0.7 | 4.8  | -4.3  | 0 | 0.2 |
| 03.08.2023 | 0.8 | 5.7  | -5.1  | 0 | 0.2 |
| 04.08.2023 | 0.9 | 6.6  | -5.8  | 0 | 0.2 |
| 08.08.2023 | 0.9 | 6.9  | -6.2  | 0 | 0.2 |
| 09.08.2023 | 1   | 6.8  | -6    | 0 | 0.2 |
| 10.08.2023 | 0.9 | 6.3  | -5.5  | 0 | 0.2 |

|            |     |      |       |   |     |
|------------|-----|------|-------|---|-----|
| 11.08.2023 | 0.9 | 5.8  | -5.1  | 0 | 0.2 |
| 15.08.2023 | 0.9 | 5.8  | -5.1  | 0 | 0.2 |
| 16.08.2023 | 1   | 6.9  | -6.1  | 0 | 0.2 |
| 17.08.2023 | 1.5 | 12.1 | -10.9 | 0 | 0.3 |
| 18.08.2023 | 1.8 | 14.2 | -12.8 | 0 | 0.4 |
| 22.08.2023 | 2.6 | 21.1 | -19   | 0 | 0.5 |
| 23.08.2023 | 1.9 | 14.2 | -12.6 | 0 | 0.4 |
| 24.08.2023 | 1.2 | 9.2  | -8.3  | 0 | 0.3 |
| 25.08.2023 | 1.4 | 9.6  | -8.6  | 0 | 0.3 |
| 29.08.2023 | 1.4 | 9.8  | -8.7  | 0 | 0.3 |
| 30.08.2023 | 1.1 | 7.7  | -6.9  | 0 | 0.3 |
| 31.08.2023 | 1   | 6.6  | -5.9  | 0 | 0.2 |
| 01.09.2023 | 1.1 | 8.2  | -7.4  | 0 | 0.3 |
| 05.09.2023 | 2.8 | 10.2 | -7.7  | 0 | 0.3 |
| 06.09.2023 | 1.5 | 12.8 | -11.6 | 0 | 0.3 |
| 07.09.2023 | 1.6 | 12.5 | -11.3 | 0 | 0.4 |
| 08.09.2023 | 1.7 | 13.8 | -12.5 | 0 | 0.4 |
| 12.09.2023 | 1.5 | 11   | -9.9  | 0 | 0.3 |
| 13.09.2023 | 1.2 | 9    | -8    | 0 | 0.3 |
| 14.09.2023 | 1.4 | 10.5 | -9.5  | 0 | 0.3 |
| 15.09.2023 | 1   | 7.3  | -6.5  | 0 | 0.2 |
| 19.09.2023 | 0.9 | 6.2  | -5.5  | 0 | 0.2 |
| 20.09.2023 | 1   | 8.1  | -7.4  | 0 | 0.2 |
| 21.09.2023 | 0.9 | 6.7  | -6.1  | 0 | 0.2 |
| 22.09.2023 | 1.3 | 6.8  | -5.9  | 0 | 0.3 |
| 26.09.2023 | 2.6 | 16.1 | -14.1 | 0 | 0.6 |

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