

# Historical cost data

**ISIN: DE000HC1RE59**

| Date       | Cost Impact / Reduction in Yield (%) | Entry Costs (%) | Exit Costs (%) | Portfolio Transaction Costs per Year (%) | Other Ongoing Costs (%) |
|------------|--------------------------------------|-----------------|----------------|--|-------------------------|
| 10.11.2022 | 11.43                                | 11.07           | 0              | 0  | 0.36                    |
| 15.11.2022 | 6.86                                 | 6.76            | 0              | 0  | 0.1                     |
| 29.11.2022 | 8.48                                 | 8.35            | 0              | 0  | 0.13                    |
| 14.03.2023 | 2.5                                  | 4.6             | -2.2           | 0  | 0.1                     |
| 04.05.2023 | 2.5                                  | 4.7             | -2.3           | 0  | 0.1                     |
| 12.07.2023 | 1.5                                  | 0.8             | 0.5            | 0  | 0.1                     |
| 16.11.2022 | 7.27                                 | 7.17            | 0              | 0  | 0.1                     |
| 17.11.2022 | 8.93                                 | 8.79            | 0              | 0  | 0.14                    |
| 18.11.2022 | 10.9                                 | 10.76           | 0              | 0  | 0.14                    |
| 22.11.2022 | 9.2                                  | 9.06            | 0              | 0  | 0.14                    |
| 23.11.2022 | 8.42                                 | 8.29            | 0              | 0  | 0.13                    |
| 24.11.2022 | 8.85                                 | 8.72            | 0              | 0  | 0.13                    |
| 25.11.2022 | 6.69                                 | 6.58            | 0              | 0  | 0.11                    |
| 30.11.2022 | 9.07                                 | 8.93            | 0              | 0  | 0.14                    |
| 01.12.2022 | 7.08                                 | 6.94            | 0              | 0  | 0.14                    |
| 02.12.2022 | 5.85                                 | 5.73            | 0              | 0  | 0.12                    |
| 06.12.2022 | 6.6                                  | 6.48            | 0              | 0  | 0.12                    |
| 07.12.2022 | 8.99                                 | 8.85            | 0              | 0  | 0.14                    |
| 08.12.2022 | 9.5                                  | 9.34            | 0              | 0  | 0.16                    |
| 09.12.2022 | 8.54                                 | 8.39            | 0              | 0  | 0.15                    |
| 13.12.2022 | 8.76                                 | 8.6             | 0              | 0  | 0.15                    |
| 14.12.2022 | 7.54                                 | 7.42            | 0              | 0  | 0.12                    |
| 15.12.2022 | 7.73                                 | 7.6             | 0              | 0  | 0.13                    |
| 16.12.2022 | 8.67                                 | 8.51            | 0              | 0  | 0.16                    |
| 20.12.2022 | 12.11                                | 11.91           | 0              | 0  | 0.2                     |
| 21.12.2022 | 11.59                                | 11.38           | 0              | 0  | 0.21                    |
| 22.12.2022 | 7.59                                 | 7.43            | 0              | 0  | 0.16                    |
| 23.12.2022 | 11.78                                | 11.58           | 0              | 0  | 0.2                     |
| 28.12.2022 | 5                                    | 9.8             | -4.9           | 0  | 0.2                     |
| 29.12.2022 | 5.4                                  | 11.3            | -6.1           | 0  | 0.2                     |
| 30.12.2022 | 4.7                                  | 8.8             | -4.2           | 0  | 0.2                     |

|            |     |      |      |   |     |
|------------|-----|------|------|---|-----|
| 03.01.2023 | 9.1 | 14.1 | -5.2 | 0 | 0.2 |
| 04.01.2023 | 1.8 | 5.7  | -4   | 0 | 0.1 |
| 05.01.2023 | 3   | 6.6  | -3.7 | 0 | 0.1 |
| 06.01.2023 | 2.7 | 6.5  | -3.8 | 0 | 0.1 |
| 10.01.2023 | 2.2 | 5.8  | -3.7 | 0 | 0.1 |
| 11.01.2023 | 2.2 | 5.6  | -3.5 | 0 | 0.1 |
| 12.01.2023 | 2   | 4.7  | -2.7 | 0 | 0.1 |
| 13.01.2023 | 1   | 3.3  | -2.4 | 0 | 0.1 |
| 18.01.2023 | 1.7 | 3.7  | -2   | 0 | 0.1 |
| 19.01.2023 | 0.9 | 0.4  | 0.4  | 0 | 0.1 |
| 20.01.2023 | 1   | 3.1  | -2.2 | 0 | 0.1 |
| 23.01.2023 | 1.8 | 7.9  | -6.2 | 0 | 0.1 |
| 24.01.2023 | 1.7 | 3.5  | -1.9 | 0 | 0.1 |
| 25.01.2023 | 1.7 | 3.7  | -2.1 | 0 | 0.1 |
| 26.01.2023 | 1.8 | 3.6  | -1.9 | 0 | 0.1 |
| 27.01.2023 | 1.6 | 3.2  | -1.6 | 0 | 0.1 |
| 31.01.2023 | 1.7 | 3.1  | -1.6 | 0 | 0.1 |
| 01.02.2023 | 1.6 | 3.7  | -2.1 | 0 | 0.1 |
| 02.02.2023 | 1.7 | 3.2  | -1.6 | 0 | 0.1 |
| 03.02.2023 | 1.4 | 2.7  | -1.3 | 0 | 0.1 |
| 07.02.2023 | 3   | 4.8  | -1.9 | 0 | 0.1 |
| 08.02.2023 | 1.6 | 3.4  | -1.9 | 0 | 0.1 |
| 09.02.2023 | 1.5 | 3.4  | -1.9 | 0 | 0.1 |
| 10.02.2023 | 0.8 | 2.7  | -2   | 0 | 0.1 |
| 14.02.2023 | 1.8 | 3.9  | -2.2 | 0 | 0.1 |
| 15.02.2023 | 1.8 | 3.9  | -2.1 | 0 | 0.1 |
| 16.02.2023 | 1.7 | 3.7  | -2.1 | 0 | 0.1 |
| 17.02.2023 | 1.6 | 3.3  | -1.7 | 0 | 0.1 |
| 21.02.2023 | 1.7 | 3.3  | -1.7 | 0 | 0.1 |
| 22.02.2023 | 1.7 | 3.3  | -1.6 | 0 | 0.1 |
| 23.02.2023 | 1.8 | 3.6  | -1.9 | 0 | 0.1 |
| 24.02.2023 | 1.7 | 3.1  | -1.5 | 0 | 0.1 |
| 28.02.2023 | 1.7 | 3    | -1.3 | 0 | 0.1 |
| 01.03.2023 | 1.7 | 2.9  | -1.2 | 0 | 0.1 |
| 02.03.2023 | 1.7 | 3    | -1.4 | 0 | 0.1 |
| 03.03.2023 | 1.8 | 3.3  | -1.6 | 0 | 0.1 |
| 07.03.2023 | 1.6 | 2.8  | -1.3 | 0 | 0.1 |
| 08.03.2023 | 1.7 | 3.6  | -2   | 0 | 0.1 |
| 09.03.2023 | 1.7 | 2.9  | -1.2 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 10.03.2023 | 1.8 | 3.9 | -2.2 | 0 | 0.1 |
| 15.03.2023 | 2.1 | 4.5 | -2.4 | 0 | 0.1 |
| 16.03.2023 | 2.8 | 8.6 | -5.9 | 0 | 0.1 |
| 17.03.2023 | 1.4 | 4.4 | -3.2 | 0 | 0.1 |
| 21.03.2023 | 1.6 | 5.1 | -3.6 | 0 | 0.1 |
| 22.03.2023 | 2.7 | 7.2 | -4.6 | 0 | 0.1 |
| 23.03.2023 | 2.8 | 6   | -3.4 | 0 | 0.1 |
| 24.03.2023 | 2.5 | 5.4 | -3.1 | 0 | 0.1 |
| 28.03.2023 | 3   | 6   | -3.1 | 0 | 0.1 |
| 29.03.2023 | 3.1 | 5.6 | -2.6 | 0 | 0.1 |
| 30.03.2023 | 2.9 | 5.3 | -2.6 | 0 | 0.1 |
| 31.03.2023 | 2.4 | 5.1 | -2.8 | 0 | 0.1 |
| 04.04.2023 | 2.4 | 5.2 | -2.9 | 0 | 0.1 |
| 05.04.2023 | 2.4 | 5.3 | -3.1 | 0 | 0.1 |
| 06.04.2023 | 2.9 | 6.5 | -3.7 | 0 | 0.1 |
| 12.04.2023 | 2.5 | 5.3 | -3   | 0 | 0.1 |
| 13.04.2023 | 2.5 | 5.9 | -3.5 | 0 | 0.1 |
| 14.04.2023 | 2.4 | 5.5 | -3.3 | 0 | 0.1 |
| 18.04.2023 | 2.2 | 5.2 | -3.1 | 0 | 0.1 |
| 19.04.2023 | 2.1 | 4.7 | -2.6 | 0 | 0.1 |
| 20.04.2023 | 2.2 | 4.6 | -2.6 | 0 | 0.1 |
| 21.04.2023 | 2.2 | 4.4 | -2.3 | 0 | 0.1 |
| 25.04.2023 | 2.3 | 5.6 | -3.4 | 0 | 0.1 |
| 26.04.2023 | 2.4 | 5.8 | -3.5 | 0 | 0.1 |
| 27.04.2023 | 2.5 | 5.9 | -3.5 | 0 | 0.1 |
| 28.04.2023 | 2.4 | 5.1 | -2.9 | 0 | 0.1 |
| 03.05.2023 | 2.5 | 6.1 | -3.7 | 0 | 0.1 |
| 05.05.2023 | 2.6 | 4.8 | -2.3 | 0 | 0.1 |
| 09.05.2023 | 2.4 | 5.1 | -2.7 | 0 | 0.1 |
| 10.05.2023 | 2.6 | 5.3 | -2.8 | 0 | 0.1 |
| 11.05.2023 | 2.6 | 5.6 | -3   | 0 | 0.1 |
| 12.05.2023 | 2.7 | 5.7 | -3.1 | 0 | 0.1 |
| 16.05.2023 | 2.6 | 5.1 | -2.6 | 0 | 0.1 |
| 17.05.2023 | 2.6 | 5   | -2.5 | 0 | 0.1 |
| 18.05.2023 | 2.6 | 5.3 | -2.9 | 0 | 0.1 |
| 19.05.2023 | 2.5 | 5   | -2.6 | 0 | 0.1 |
| 23.05.2023 | 2.5 | 4.9 | -2.6 | 0 | 0.1 |
| 24.05.2023 | 2.5 | 4.9 | -2.5 | 0 | 0.1 |
| 25.05.2023 | 3.2 | 6.2 | -3.1 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 26.05.2023 | 3.2 | 6.9 | -3.9 | 0 | 0.1 |
| 30.05.2023 | 3   | 5.8 | -2.9 | 0 | 0.1 |
| 31.05.2023 | 3.1 | 4.7 | -1.7 | 0 | 0.1 |
| 01.06.2023 | 3.6 | 4.3 | -0.8 | 0 | 0.2 |
| 02.06.2023 | 3.4 | 6.3 | -3.1 | 0 | 0.2 |
| 06.06.2023 | 2.9 | 4.6 | -1.8 | 0 | 0.1 |
| 07.06.2023 | 2.9 | 4.3 | -1.5 | 0 | 0.1 |
| 08.06.2023 | 2.9 | 3.9 | -1.2 | 0 | 0.1 |
| 09.06.2023 | 2.9 | 4.2 | -1.5 | 0 | 0.1 |
| 13.06.2023 | 2.7 | 4.1 | -1.5 | 0 | 0.1 |
| 20.06.2023 | 1.5 | 2.3 | -0.9 | 0 | 0.1 |
| 21.06.2023 | 1.8 | 1.8 | -0.1 | 0 | 0.2 |
| 22.06.2023 | 3.6 | 4.9 | -1.4 | 0 | 0.2 |
| 23.06.2023 | 1.7 | 2.5 | -0.9 | 0 | 0.2 |
| 27.06.2023 | 1.7 | 2.1 | -0.6 | 0 | 0.2 |
| 28.06.2023 | 1.7 | 2.5 | -1   | 0 | 0.2 |
| 29.06.2023 | 1.5 | 1.7 | -0.3 | 0 | 0.1 |
| 30.06.2023 | 1.5 | 1.9 | -0.5 | 0 | 0.1 |
| 04.07.2023 | 1.3 | 0.7 | 0.4  | 0 | 0.1 |
| 05.07.2023 | 1.3 | 1.1 | 0.1  | 0 | 0.1 |
| 06.07.2023 | 1.4 | 1   | 0.3  | 0 | 0.1 |
| 07.07.2023 | 1.9 | 1.2 | 0.5  | 0 | 0.2 |
| 11.07.2023 | 1.6 | 1.1 | 0.4  | 0 | 0.2 |
| 28.07.2023 | 1   | 0.5 | 0.5  | 0 | 0.1 |
| 04.10.2023 | 7.7 | 3.6 | 3.3  | 0 | 0.8 |
| 13.07.2023 | 1.2 | 0.6 | 0.5  | 0 | 0.1 |
| 14.07.2023 | 1.2 | 0.6 | 0.4  | 0 | 0.1 |
| 18.07.2023 | 1.3 | 0.6 | 0.6  | 0 | 0.1 |
| 19.07.2023 | 1.2 | 0.6 | 0.5  | 0 | 0.1 |
| 20.07.2023 | 1.1 | 1.1 | -0.1 | 0 | 0.1 |
| 21.07.2023 | 1.2 | 0.8 | 0.2  | 0 | 0.1 |
| 25.07.2023 | 1.2 | 0.5 | 0.5  | 0 | 0.1 |
| 26.07.2023 | 1.1 | 0.5 | 0.5  | 0 | 0.1 |
| 27.07.2023 | 1.2 | 0.5 | 0.5  | 0 | 0.1 |
| 01.08.2023 | 1   | 0.5 | 0.4  | 0 | 0.1 |
| 02.08.2023 | 1.1 | 0.5 | 0.5  | 0 | 0.1 |
| 03.08.2023 | 1.2 | 0.6 | 0.6  | 0 | 0.1 |
| 04.08.2023 | 1.3 | 0.6 | 0.6  | 0 | 0.1 |
| 08.08.2023 | 1.2 | 0.8 | 0.3  | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 09.08.2023 | 1.3 | 0.9 | 0.3  | 0 | 0.1 |
| 10.08.2023 | 1.2 | 1.4 | -0.3 | 0 | 0.1 |
| 11.08.2023 | 1.2 | 0.8 | 0.2  | 0 | 0.1 |
| 15.08.2023 | 1.3 | 0.6 | 0.6  | 0 | 0.1 |
| 16.08.2023 | 1.4 | 0.6 | 0.6  | 0 | 0.1 |
| 17.08.2023 | 1.3 | 0.8 | 0.4  | 0 | 0.1 |
| 18.08.2023 | 1.5 | 1.1 | 0.2  | 0 | 0.1 |
| 22.08.2023 | 1.8 | 0.8 | 0.8  | 0 | 0.2 |
| 23.08.2023 | 1.6 | 0.8 | 0.6  | 0 | 0.2 |
| 24.08.2023 | 1.6 | 0.7 | 0.7  | 0 | 0.2 |
| 25.08.2023 | 1.7 | 0.8 | 0.8  | 0 | 0.2 |
| 29.08.2023 | 1.6 | 1.1 | 0.4  | 0 | 0.2 |
| 30.08.2023 | 2.7 | 1.9 | 0.7  | 0 | 0.1 |
| 31.08.2023 | 1.5 | 0.8 | 0.5  | 0 | 0.1 |
| 01.09.2023 | 1.3 | 0.6 | 0.6  | 0 | 0.1 |
| 05.09.2023 | 1.4 | 0.6 | 0.6  | 0 | 0.1 |
| 06.09.2023 | 1.4 | 1.3 | 0    | 0 | 0.1 |
| 07.09.2023 | 1.6 | 0.7 | 0.7  | 0 | 0.2 |
| 08.09.2023 | 1.7 | 0.9 | 0.7  | 0 | 0.2 |
| 12.09.2023 | 1.7 | 1.2 | 0.3  | 0 | 0.2 |
| 13.09.2023 | 1.9 | 0.9 | 0.7  | 0 | 0.2 |
| 14.09.2023 | 1.8 | 0.9 | 0.8  | 0 | 0.2 |
| 15.09.2023 | 1.7 | 1.1 | 0.5  | 0 | 0.2 |
| 19.09.2023 | 2   | 1.4 | 0.3  | 0 | 0.2 |
| 20.09.2023 | 2   | 1.3 | 0.4  | 0 | 0.2 |
| 21.09.2023 | 1.8 | 0.8 | 0.8  | 0 | 0.2 |
| 22.09.2023 | 2.3 | 1   | 1    | 0 | 0.2 |
| 26.09.2023 | 3.4 | 1.6 | 1.5  | 0 | 0.3 |
| 27.09.2023 | 4.4 | 2   | 1.9  | 0 | 0.4 |
| 28.09.2023 | 5.1 | 2.4 | 2.2  | 0 | 0.5 |
| 29.09.2023 | 4.8 | 2.2 | 2.1  | 0 | 0.5 |
| 03.10.2023 | 4.6 | 2.1 | 2    | 0 | 0.5 |

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Client Risk Management

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