

# Historical cost data

**ISIN: DE000HC0PVR6**

| Date       | Cost Impact / Reduction<br>in Yield (%) | Entry Costs (%) | Exit Costs (%) | Portfolio Transaction<br>Costs per Year (%) | Other Ongoing Costs (%) |
|------------|-----------------------------------------|-----------------|----------------|---------------------------------------------|-------------------------|
| 07.10.2022 | 2.44                                    | 2.4             | 0              | 0                                           | 0.04                    |
| 11.10.2022 | 7.72                                    | 7.67            | 0              | 0                                           | 0.05                    |
| 20.10.2022 | 7.85                                    | 7.82            | 0              | 0                                           | 0.03                    |
| 12.10.2022 | 11.64                                   | 11.57           | 0              | 0                                           | 0.07                    |
| 13.10.2022 | 10                                      | 9.92            | 0              | 0                                           | 0.08                    |
| 14.10.2022 | 10.26                                   | 10.19           | 0              | 0                                           | 0.07                    |
| 18.10.2022 | 6.37                                    | 6.33            | 0              | 0                                           | 0.04                    |
| 19.10.2022 | 4.79                                    | 4.76            | 0              | 0                                           | 0.03                    |
| 01.11.2022 | 4.23                                    | 4.2             | 0              | 0                                           | 0.03                    |
| 21.10.2022 | 2.12                                    | 2.09            | 0              | 0                                           | 0.03                    |
| 25.10.2022 | 3.14                                    | 3.11            | 0              | 0                                           | 0.03                    |
| 26.10.2022 | 4.57                                    | 4.54            | 0              | 0                                           | 0.03                    |
| 27.10.2022 | 2.68                                    | 2.66            | 0              | 0                                           | 0.02                    |
| 28.10.2022 | 7.32                                    | 7.29            | 0              | 0                                           | 0.03                    |
| 10.11.2022 | 2.4                                     | 2.38            | 0              | 0                                           | 0.02                    |
| 02.11.2022 | 3.69                                    | 3.66            | 0              | 0                                           | 0.03                    |
| 03.11.2022 | 4.52                                    | 4.49            | 0              | 0                                           | 0.03                    |
| 04.11.2022 | 5.89                                    | 5.86            | 0              | 0                                           | 0.03                    |
| 08.11.2022 | 3.03                                    | 3.01            | 0              | 0                                           | 0.02                    |
| 09.11.2022 | 2.07                                    | 2.05            | 0              | 0                                           | 0.02                    |
| 22.11.2022 | 3.03                                    | 3.01            | 0              | 0                                           | 0.02                    |
| 11.11.2022 | 1.82                                    | 1.8             | 0              | 0                                           | 0.02                    |
| 15.11.2022 | 2.08                                    | 2.07            | 0              | 0                                           | 0.01                    |
| 16.11.2022 | 2.06                                    | 2.05            | 0              | 0                                           | 0.01                    |
| 17.11.2022 | 2.82                                    | 2.8             | 0              | 0                                           | 0.02                    |
| 18.11.2022 | 2.58                                    | 2.56            | 0              | 0                                           | 0.02                    |
| 01.12.2022 | 2.67                                    | 2.65            | 0              | 0                                           | 0.02                    |
| 23.11.2022 | 3.1                                     | 3.08            | 0              | 0                                           | 0.02                    |
| 24.11.2022 | 2.72                                    | 2.7             | 0              | 0                                           | 0.02                    |
| 25.11.2022 | 2.92                                    | 2.9             | 0              | 0                                           | 0.02                    |
| 29.11.2022 | 1.31                                    | 1.29            | 0              | 0                                           | 0.02                    |

|            |      |      |      |   |      |
|------------|------|------|------|---|------|
| 30.11.2022 | 2.68 | 2.66 | 0    | 0 | 0.02 |
| 13.12.2022 | 2.86 | 2.84 | 0    | 0 | 0.02 |
| 02.12.2022 | 2.52 | 2.5  | 0    | 0 | 0.02 |
| 06.12.2022 | 2.54 | 2.52 | 0    | 0 | 0.02 |
| 07.12.2022 | 2.84 | 2.82 | 0    | 0 | 0.02 |
| 08.12.2022 | 2.36 | 2.34 | 0    | 0 | 0.02 |
| 09.12.2022 | 2.54 | 2.52 | 0    | 0 | 0.02 |
| 22.12.2022 | 2.17 | 2.15 | 0    | 0 | 0.02 |
| 14.12.2022 | 2.45 | 2.43 | 0    | 0 | 0.02 |
| 15.12.2022 | 2.22 | 2.2  | 0    | 0 | 0.02 |
| 16.12.2022 | 2.97 | 2.95 | 0    | 0 | 0.02 |
| 20.12.2022 | 2.86 | 2.84 | 0    | 0 | 0.02 |
| 21.12.2022 | 2.52 | 2.5  | 0    | 0 | 0.02 |
| 04.01.2023 | 0.8  | 2.1  | -1.3 | 0 | 0    |
| 23.12.2022 | 4.17 | 4.15 | 0    | 0 | 0.02 |
| 28.12.2022 | 0.7  | 3.5  | -2.8 | 0 | 0    |
| 29.12.2022 | 1.1  | 2.9  | -1.9 | 0 | 0    |
| 30.12.2022 | 1    | 2.3  | -1.3 | 0 | 0    |
| 03.01.2023 | 0.9  | 2.4  | -1.5 | 0 | 0    |
| 13.01.2023 | 0.8  | 1.9  | -1.1 | 0 | 0    |
| 05.01.2023 | 0.9  | 2.8  | -2   | 0 | 0    |
| 06.01.2023 | 0.9  | 2.2  | -1.3 | 0 | 0    |
| 10.01.2023 | 0.8  | 2    | -1.2 | 0 | 0    |
| 11.01.2023 | 0.8  | 1.9  | -1.1 | 0 | 0    |
| 12.01.2023 | 0.7  | 2.1  | -1.3 | 0 | 0    |
| 26.01.2023 | 1.1  | 3.1  | -2   | 0 | 0    |
| 18.01.2023 | 0.7  | 2.1  | -1.4 | 0 | 0    |
| 19.01.2023 | 0.7  | 0.3  | 0.3  | 0 | 0    |
| 20.01.2023 | 0.7  | 2.4  | -1.7 | 0 | 0    |
| 24.01.2023 | 1    | 2.4  | -1.4 | 0 | 0    |
| 25.01.2023 | 1    | 2.7  | -1.7 | 0 | 0    |
| 07.02.2023 | 1    | 3    | -2   | 0 | 0    |
| 27.01.2023 | 0.7  | 3    | -2.3 | 0 | 0    |
| 31.01.2023 | 1.3  | 3.8  | -2.6 | 0 | 0    |
| 01.02.2023 | 0.8  | 2.9  | -2.1 | 0 | 0    |
| 02.02.2023 | 1.2  | 3.5  | -2.4 | 0 | 0    |
| 03.02.2023 | 1    | 2.8  | -1.8 | 0 | 0    |
| 16.02.2023 | 0.7  | 2.5  | -1.8 | 0 | 0    |
| 08.02.2023 | 1.1  | 3.1  | -2   | 0 | 0    |

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|------------|-----|-----|------|---|-----|
| 09.02.2023 | 1   | 2.5 | -1.6 | 0 | 0   |
| 10.02.2023 | 1.1 | 3.1 | -2.1 | 0 | 0   |
| 14.02.2023 | 0.8 | 3   | -2.3 | 0 | 0   |
| 15.02.2023 | 1.1 | 3.3 | -2.2 | 0 | 0   |
| 17.02.2023 | 1.1 | 3.3 | -2.2 | 0 | 0   |
| 01.03.2023 | 0.9 | 3.2 | -2.4 | 0 | 0   |
| 21.02.2023 | 0.9 | 3.5 | -2.7 | 0 | 0   |
| 22.02.2023 | 0.9 | 3.3 | -2.4 | 0 | 0   |
| 23.02.2023 | 0.9 | 3.9 | -3   | 0 | 0   |
| 24.02.2023 | 1   | 3.8 | -2.9 | 0 | 0   |
| 28.02.2023 | 0.9 | 3.4 | -2.6 | 0 | 0   |
| 10.03.2023 | 0.9 | 3.3 | -2.5 | 0 | 0   |
| 02.03.2023 | 1.4 | 4.2 | -2.8 | 0 | 0   |
| 03.03.2023 | 1.3 | 3.1 | -1.9 | 0 | 0   |
| 07.03.2023 | 1.1 | 3.1 | -2.1 | 0 | 0   |
| 08.03.2023 | 1.2 | 3.1 | -2   | 0 | 0   |
| 09.03.2023 | 1.2 | 3   | -1.9 | 0 | 0   |
| 22.03.2023 | 1.3 | 4.9 | -3.7 | 0 | 0.1 |
| 14.03.2023 | 1.4 | 3.6 | -2.2 | 0 | 0   |
| 15.03.2023 | 0.9 | 3.7 | -2.8 | 0 | 0   |
| 16.03.2023 | 1   | 4.5 | -3.5 | 0 | 0   |
| 17.03.2023 | 1.5 | 4.6 | -3.1 | 0 | 0   |
| 21.03.2023 | 1.2 | 5   | -3.8 | 0 | 0   |
| 24.03.2023 | 1.3 | 4.9 | -3.6 | 0 | 0   |
| 04.04.2023 | 1.3 | 4   | -2.8 | 0 | 0.1 |
| 23.03.2023 | 1.3 | 5.7 | -4.4 | 0 | 0.1 |
| 28.03.2023 | 1.6 | 6.2 | -4.6 | 0 | 0.1 |
| 29.03.2023 | 1.8 | 7.3 | -5.6 | 0 | 0.1 |
| 30.03.2023 | 2.4 | 6.7 | -4.4 | 0 | 0.1 |
| 31.03.2023 | 1.4 | 4.7 | -3.4 | 0 | 0.1 |
| 18.04.2023 | 1.5 | 4.2 | -2.7 | 0 | 0   |
| 05.04.2023 | 1.8 | 3.8 | -2.1 | 0 | 0.1 |
| 06.04.2023 | 1.4 | 4   | -2.7 | 0 | 0.1 |
| 12.04.2023 | 1.1 | 3.8 | -2.7 | 0 | 0   |
| 13.04.2023 | 1.2 | 4.2 | -3.1 | 0 | 0.1 |
| 14.04.2023 | 1.7 | 4.7 | -3.1 | 0 | 0   |
| 27.04.2023 | 1.7 | 4.6 | -2.9 | 0 | 0   |
| 19.04.2023 | 1.8 | 4.7 | -2.9 | 0 | 0.1 |
| 20.04.2023 | 1.2 | 4.9 | -3.7 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 21.04.2023 | 1.2 | 4.4 | -3.3 | 0 | 0   |
| 25.04.2023 | 1.3 | 5.2 | -4   | 0 | 0.1 |
| 26.04.2023 | 1.2 | 4.8 | -3.6 | 0 | 0.1 |
| 10.05.2023 | 1.1 | 3.1 | -2.1 | 0 | 0   |
| 28.04.2023 | 1.1 | 4.1 | -3.1 | 0 | 0   |
| 03.05.2023 | 1.1 | 4.4 | -3.4 | 0 | 0   |
| 04.05.2023 | 1.2 | 3.4 | -2.3 | 0 | 0   |
| 05.05.2023 | 0.9 | 2   | -1.1 | 0 | 0   |
| 09.05.2023 | 0.9 | 2.4 | -1.5 | 0 | 0   |
| 19.05.2023 | 1   | 2.8 | -1.8 | 0 | 0   |
| 11.05.2023 | 1   | 2.8 | -1.8 | 0 | 0   |
| 12.05.2023 | 1   | 2.8 | -1.9 | 0 | 0   |
| 16.05.2023 | 1.1 | 2.9 | -1.9 | 0 | 0   |
| 17.05.2023 | 1   | 2.9 | -1.9 | 0 | 0   |
| 18.05.2023 | 1.1 | 2.9 | -1.8 | 0 | 0   |
| 31.05.2023 | 1   | 2.7 | -1.7 | 0 | 0   |
| 23.05.2023 | 1   | 2.8 | -1.9 | 0 | 0   |
| 24.05.2023 | 1   | 2.8 | -1.8 | 0 | 0   |
| 25.05.2023 | 1.1 | 3.1 | -2   | 0 | 0   |
| 26.05.2023 | 0.7 | 2.7 | -2   | 0 | 0   |
| 30.05.2023 | 1   | 2.6 | -1.7 | 0 | 0   |
| 09.06.2023 | 1   | 2.6 | -1.7 | 0 | 0   |
| 01.06.2023 | 1   | 2.7 | -1.7 | 0 | 0   |
| 02.06.2023 | 0.7 | 2.4 | -1.8 | 0 | 0   |
| 06.06.2023 | 1   | 2.7 | -1.7 | 0 | 0   |
| 07.06.2023 | 1   | 2.9 | -1.9 | 0 | 0   |
| 08.06.2023 | 1.1 | 3.1 | -2   | 0 | 0   |
| 27.06.2023 | 0.8 | 3.3 | -2.5 | 0 | 0   |
| 13.06.2023 | 0.6 | 2.3 | -1.7 | 0 | 0   |
| 20.06.2023 | 0.7 | 3   | -2.3 | 0 | 0   |
| 21.06.2023 | 0.7 | 2.9 | -2.2 | 0 | 0   |
| 22.06.2023 | 0.8 | 3   | -2.3 | 0 | 0   |
| 23.06.2023 | 1.1 | 3.1 | -2   | 0 | 0   |
| 29.06.2023 | 0.6 | 2.3 | -1.7 | 0 | 0   |
| 07.07.2023 | 0.7 | 2.6 | -2   | 0 | 0   |
| 28.06.2023 | 0.7 | 2.7 | -2.1 | 0 | 0   |
| 30.06.2023 | 0.6 | 2.3 | -1.7 | 0 | 0   |
| 04.07.2023 | 0.6 | 2   | -1.5 | 0 | 0   |
| 05.07.2023 | 0.8 | 2.2 | -1.4 | 0 | 0   |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 06.07.2023 | 0.9 | 2.3 | -1.5 | 0 | 0   |
| 19.07.2023 | 0.6 | 2.4 | -1.8 | 0 | 0   |
| 11.07.2023 | 0.7 | 2.6 | -1.9 | 0 | 0   |
| 12.07.2023 | 0.7 | 2.6 | -2   | 0 | 0   |
| 13.07.2023 | 0.6 | 2.1 | -1.6 | 0 | 0   |
| 14.07.2023 | 0.5 | 1.7 | -1.2 | 0 | 0   |
| 18.07.2023 | 0.8 | 2.1 | -1.3 | 0 | 0   |
| 28.07.2023 | 0.7 | 1.6 | -0.9 | 0 | 0   |
| 20.07.2023 | 0.7 | 2   | -1.3 | 0 | 0   |
| 21.07.2023 | 0.5 | 1.5 | -1.1 | 0 | 0   |
| 25.07.2023 | 0.7 | 1.6 | -1   | 0 | 0   |
| 26.07.2023 | 0.7 | 1.7 | -1.1 | 0 | 0   |
| 27.07.2023 | 0.5 | 1.5 | -1.1 | 0 | 0   |
| 04.08.2023 | 0.6 | 2.1 | -1.5 | 0 | 0   |
| 10.08.2023 | 0.7 | 2.4 | -1.8 | 0 | 0   |
| 01.08.2023 | 0.6 | 1.7 | -1   | 0 | 0   |
| 02.08.2023 | 0.7 | 1.7 | -1   | 0 | 0   |
| 03.08.2023 | 0.6 | 1.8 | -1.2 | 0 | 0   |
| 08.08.2023 | 0.9 | 2.2 | -1.4 | 0 | 0   |
| 09.08.2023 | 1   | 2.1 | -1.2 | 0 | 0   |
| 22.08.2023 | 0.9 | 3.5 | -2.6 | 0 | 0   |
| 11.08.2023 | 0.7 | 2.3 | -1.7 | 0 | 0   |
| 15.08.2023 | 0.7 | 2.8 | -2.1 | 0 | 0   |
| 16.08.2023 | 0.8 | 3.3 | -2.6 | 0 | 0   |
| 17.08.2023 | 0.8 | 2.9 | -2.1 | 0 | 0   |
| 18.08.2023 | 0.8 | 3.1 | -2.3 | 0 | 0   |
| 31.08.2023 | 0.8 | 3.3 | -2.5 | 0 | 0   |
| 23.08.2023 | 0.8 | 3.2 | -2.4 | 0 | 0   |
| 24.08.2023 | 0.8 | 3.3 | -2.5 | 0 | 0   |
| 25.08.2023 | 0.8 | 3   | -2.2 | 0 | 0   |
| 29.08.2023 | 0.5 | 3.3 | -2.9 | 0 | 0   |
| 30.08.2023 | 0.4 | 3   | -2.6 | 0 | 0   |
| 12.09.2023 | 0.9 | 3.4 | -2.6 | 0 | 0   |
| 01.09.2023 | 0.8 | 3   | -2.3 | 0 | 0   |
| 05.09.2023 | 0.8 | 3.1 | -2.3 | 0 | 0   |
| 06.09.2023 | 0.4 | 2.8 | -2.4 | 0 | 0   |
| 07.09.2023 | 0.5 | 3   | -2.6 | 0 | 0   |
| 08.09.2023 | 0.5 | 3.1 | -2.7 | 0 | 0   |
| 21.09.2023 | 0.6 | 4.9 | -4.3 | 0 | 0.1 |

|            |     |      |       |   |     |
|------------|-----|------|-------|---|-----|
| 13.09.2023 | 0.9 | 3.5  | -2.6  | 0 | 0   |
| 14.09.2023 | 1   | 4.2  | -3.2  | 0 | 0   |
| 15.09.2023 | 0.6 | 4.4  | -3.8  | 0 | 0.1 |
| 19.09.2023 | 1.2 | 4.9  | -3.8  | 0 | 0.1 |
| 20.09.2023 | 1.3 | 5.5  | -4.3  | 0 | 0.1 |
| 03.10.2023 | 1   | 7.1  | -6.2  | 0 | 0.1 |
| 22.09.2023 | 0.7 | 4.5  | -4    | 0 | 0.1 |
| 26.09.2023 | 0.8 | 5.9  | -5.2  | 0 | 0.1 |
| 27.09.2023 | 1.6 | 7.6  | -6.1  | 0 | 0.1 |
| 28.09.2023 | 2.1 | 8.8  | -6.8  | 0 | 0.1 |
| 29.09.2023 | 2   | 7.8  | -5.8  | 0 | 0.1 |
| 12.10.2023 | 1.5 | 6.1  | -4.6  | 0 | 0.1 |
| 04.10.2023 | 1.2 | 6.4  | -5.4  | 0 | 0.1 |
| 05.10.2023 | 2.3 | 9.5  | -7.3  | 0 | 0.1 |
| 06.10.2023 | 0.9 | 7    | -6.1  | 0 | 0.1 |
| 10.10.2023 | 1.4 | 5.7  | -4.4  | 0 | 0.1 |
| 11.10.2023 | 0.7 | 6.2  | -5.5  | 0 | 0.1 |
| 24.10.2023 | 2.2 | 17.6 | -15.5 | 0 | 0.2 |
| 13.10.2023 | 0.8 | 5.7  | -5    | 0 | 0.1 |
| 17.10.2023 | 2.1 | 9.3  | -7.3  | 0 | 0.1 |
| 18.10.2023 | 1.1 | 8.4  | -7.4  | 0 | 0.1 |
| 19.10.2023 | 3.2 | 13.6 | -10.6 | 0 | 0.1 |
| 20.10.2023 | 3.6 | 14.4 | -10.9 | 0 | 0.2 |
| 02.11.2023 | 4.2 | 20.3 | -16.3 | 0 | 0.2 |
| 25.10.2023 | 2.9 | 11.9 | -9.2  | 0 | 0.1 |
| 26.10.2023 | 9   | 38.4 | -29.7 | 0 | 0.3 |
| 27.10.2023 | 6.5 | 45.7 | -39.6 | 0 | 0.4 |
| 31.10.2023 | 6.1 | 43.9 | -38.2 | 0 | 0.4 |
| 01.11.2023 | 3.2 | 28.3 | -25.3 | 0 | 0.2 |
| 14.11.2023 | 0.9 | 6.9  | -6.1  | 0 | 0.1 |
| 03.11.2023 | 2.2 | 8.5  | -6.4  | 0 | 0.1 |
| 07.11.2023 | 1.7 | 5.7  | -4.1  | 0 | 0.1 |
| 08.11.2023 | 0.9 | 5.7  | -4.8  | 0 | 0.1 |
| 09.11.2023 | 1.6 | 7.6  | -6.1  | 0 | 0.1 |
| 10.11.2023 | 1.6 | 7.3  | -5.7  | 0 | 0.1 |
| 23.11.2023 | 1.1 | 7.4  | -6.4  | 0 | 0.1 |
| 15.11.2023 | 0.8 | 5.2  | -4.5  | 0 | 0.1 |
| 16.11.2023 | 0.8 | 5.2  | -4.5  | 0 | 0.1 |
| 17.11.2023 | 1.7 | 6.7  | -5    | 0 | 0.1 |

|            |      |      |       |   |     |
|------------|------|------|-------|---|-----|
| 21.11.2023 | 1    | 7.4  | -6.5  | 0 | 0.1 |
| 22.11.2023 | 1.1  | 7.3  | -6.3  | 0 | 0.1 |
| 05.12.2023 | 2.5  | 24.3 | -22   | 0 | 0.2 |
| 24.11.2023 | 1.3  | 8.9  | -7.7  | 0 | 0.1 |
| 28.11.2023 | 1    | 8.5  | -7.5  | 0 | 0.1 |
| 29.11.2023 | 1.3  | 9.1  | -7.9  | 0 | 0.1 |
| 30.11.2023 | 1.1  | 9.3  | -8.2  | 0 | 0.1 |
| 01.12.2023 | 1.7  | 15.3 | -13.7 | 0 | 0.1 |
| 08.12.2023 | 13.3 | 79.5 | -66.6 | 0 | 0.4 |
| 06.12.2023 | 2.6  | 26.3 | -23.9 | 0 | 0.2 |
| 07.12.2023 | 3.5  | 31.8 | -28.6 | 0 | 0.2 |

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