

# Historical cost data

**ISIN: DE000HC41VZ3**

| Date       | Cost Impact / Reduction<br>in Yield (%) | Entry Costs (%) | Exit Costs (%) | Portfolio Transaction<br>Costs per Year (%) | Other Ongoing Costs (%) |
|------------|-----------------------------------------|-----------------|----------------|---------------------------------------------|-------------------------|
| 09.02.2023 | 5.8                                     | 2.9             | 2.8            | 0                                           | 0                       |
| 14.02.2023 | 1.1                                     | 3.1             | -2.1           | 0                                           | 0                       |
| 15.02.2023 | 1.1                                     | 3.8             | -2.7           | 0                                           | 0                       |
| 16.02.2023 | 1.1                                     | 3.3             | -2.2           | 0                                           | 0                       |
| 17.02.2023 | 1.2                                     | 3.8             | -2.7           | 0                                           | 0.1                     |
| 21.02.2023 | 1.2                                     | 4.3             | -3.1           | 0                                           | 0.1                     |
| 22.02.2023 | 1.3                                     | 3.7             | -2.4           | 0                                           | 0.1                     |
| 23.02.2023 | 1.2                                     | 3.6             | -2.4           | 0                                           | 0.1                     |
| 24.02.2023 | 1.2                                     | 3.4             | -2.2           | 0                                           | 0.1                     |
| 28.02.2023 | 1.3                                     | 3.6             | -2.4           | 0                                           | 0.1                     |
| 01.03.2023 | 1.6                                     | 5.3             | -3.8           | 0                                           | 0.1                     |
| 02.03.2023 | 1.5                                     | 4.3             | -2.9           | 0                                           | 0.1                     |
| 03.03.2023 | 1.6                                     | 5.2             | -3.7           | 0                                           | 0.1                     |
| 07.03.2023 | 1.6                                     | 5               | -3.5           | 0                                           | 0.1                     |
| 08.03.2023 | 1.5                                     | 4.2             | -2.7           | 0                                           | 0.1                     |
| 09.03.2023 | 1.6                                     | 4.9             | -3.4           | 0                                           | 0.1                     |
| 10.03.2023 | 1.5                                     | 4.1             | -2.7           | 0                                           | 0.1                     |
| 14.03.2023 | 1.3                                     | 3.5             | -2.2           | 0                                           | 0.1                     |
| 15.03.2023 | 1.3                                     | 3.6             | -2.4           | 0                                           | 0.1                     |
| 16.03.2023 | 1.3                                     | 4.7             | -3.4           | 0                                           | 0.1                     |
| 17.03.2023 | 1.2                                     | 4.4             | -3.3           | 0                                           | 0.1                     |
| 21.03.2023 | 1.4                                     | 4.1             | -2.7           | 0                                           | 0.1                     |
| 22.03.2023 | 1.4                                     | 5.2             | -3.8           | 0                                           | 0.1                     |
| 23.03.2023 | 1.5                                     | 4.3             | -2.9           | 0                                           | 0.1                     |
| 24.03.2023 | 1.6                                     | 5               | -3.5           | 0                                           | 0.1                     |
| 28.03.2023 | 1.6                                     | 5.3             | -3.7           | 0                                           | 0.1                     |
| 29.03.2023 | 1.9                                     | 5.8             | -4             | 0                                           | 0.1                     |
| 30.03.2023 | 1.7                                     | 5.3             | -3.6           | 0                                           | 0.1                     |
| 31.03.2023 | 1.7                                     | 5.7             | -4.1           | 0                                           | 0.1                     |
| 04.04.2023 | 1.6                                     | 4.6             | -3.1           | 0                                           | 0.1                     |
| 05.04.2023 | 1.7                                     | 4.4             | -2.8           | 0                                           | 0.1                     |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 06.04.2023 | 1.7 | 4.5 | -2.9 | 0 | 0.1 |
| 12.04.2023 | 1.6 | 4.6 | -3.1 | 0 | 0.1 |
| 13.04.2023 | 1.6 | 4.9 | -3.3 | 0 | 0.1 |
| 14.04.2023 | 1.5 | 4.6 | -3.1 | 0 | 0.1 |
| 18.04.2023 | 1.6 | 4.7 | -3.2 | 0 | 0.1 |
| 19.04.2023 | 1.8 | 5.2 | -3.5 | 0 | 0.1 |
| 20.04.2023 | 1.8 | 6   | -4.2 | 0 | 0.1 |
| 21.04.2023 | 1.9 | 6.2 | -4.4 | 0 | 0.1 |
| 25.04.2023 | 1.6 | 5.4 | -3.8 | 0 | 0.1 |
| 26.04.2023 | 1.6 | 5.4 | -3.9 | 0 | 0.1 |
| 27.04.2023 | 1.6 | 5.4 | -3.8 | 0 | 0.1 |
| 28.04.2023 | 1.6 | 4.3 | -2.8 | 0 | 0.1 |
| 03.05.2023 | 1.3 | 3.8 | -2.6 | 0 | 0.1 |
| 04.05.2023 | 1.4 | 4.2 | -2.9 | 0 | 0.1 |
| 05.05.2023 | 1.3 | 0.9 | 0.3  | 0 | 0.1 |
| 09.05.2023 | 1.1 | 3.2 | -2.1 | 0 | 0.1 |
| 10.05.2023 | 1.1 | 3.6 | -2.5 | 0 | 0.1 |
| 11.05.2023 | 1.1 | 3.6 | -2.6 | 0 | 0.1 |
| 12.05.2023 | 1.1 | 3.9 | -2.8 | 0 | 0.1 |
| 16.05.2023 | 1.1 | 3.2 | -2.2 | 0 | 0.1 |
| 17.05.2023 | 1.1 | 2.5 | -1.5 | 0 | 0.1 |
| 18.05.2023 | 1.1 | 3.6 | -2.6 | 0 | 0.1 |
| 19.05.2023 | 0.9 | 2.9 | -2.1 | 0 | 0   |
| 23.05.2023 | 0.8 | 2.1 | -1.4 | 0 | 0   |
| 24.05.2023 | 0.8 | 2.3 | -1.6 | 0 | 0   |
| 25.05.2023 | 0.9 | 2.8 | -2   | 0 | 0   |
| 26.05.2023 | 0.9 | 2.8 | -2   | 0 | 0   |
| 30.05.2023 | 0.9 | 2.6 | -1.8 | 0 | 0   |
| 31.05.2023 | 1   | 3.3 | -2.4 | 0 | 0   |
| 01.06.2023 | 1.1 | 3.4 | -2.4 | 0 | 0.1 |
| 02.06.2023 | 1.1 | 3.6 | -2.5 | 0 | 0.1 |
| 06.06.2023 | 1   | 2.9 | -2   | 0 | 0.1 |
| 07.06.2023 | 0.9 | 3   | -2.1 | 0 | 0   |
| 08.06.2023 | 1   | 3.1 | -2.1 | 0 | 0.1 |
| 09.06.2023 | 1   | 2.9 | -2   | 0 | 0.1 |
| 13.06.2023 | 1   | 3.1 | -2.1 | 0 | 0.1 |
| 15.06.2023 | 1.1 | 3.5 | -2.5 | 0 | 0.1 |
| 20.06.2023 | 1.1 | 3.8 | -2.7 | 0 | 0.1 |
| 21.06.2023 | 1.1 | 3.2 | -2.2 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 22.06.2023 | 1.3 | 3.6 | -2.4 | 0 | 0.1 |
| 23.06.2023 | 1.2 | 3.7 | -2.5 | 0 | 0.1 |
| 27.06.2023 | 1.3 | 3.7 | -2.5 | 0 | 0.1 |
| 28.06.2023 | 1.3 | 3.6 | -2.4 | 0 | 0.1 |
| 29.06.2023 | 1.3 | 4.4 | -3.2 | 0 | 0.1 |
| 30.06.2023 | 1.3 | 3.6 | -2.4 | 0 | 0.1 |
| 04.07.2023 | 1.2 | 3.8 | -2.7 | 0 | 0.1 |
| 05.07.2023 | 1.1 | 3.7 | -2.7 | 0 | 0.1 |
| 06.07.2023 | 1.2 | 3.7 | -2.6 | 0 | 0.1 |
| 07.07.2023 | 1.2 | 4   | -2.8 | 0 | 0.1 |
| 11.07.2023 | 1.3 | 3.7 | -2.4 | 0 | 0.1 |
| 12.07.2023 | 1.3 | 3.8 | -2.5 | 0 | 0.1 |
| 13.07.2023 | 1.3 | 5   | -3.7 | 0 | 0.1 |
| 14.07.2023 | 1.2 | 4.2 | -3.1 | 0 | 0.1 |
| 18.07.2023 | 1.2 | 3.6 | -2.5 | 0 | 0.1 |
| 19.07.2023 | 1.2 | 3.8 | -2.7 | 0 | 0.1 |
| 20.07.2023 | 1.1 | 4   | -2.9 | 0 | 0.1 |
| 21.07.2023 | 1.1 | 4.1 | -3   | 0 | 0.1 |
| 25.07.2023 | 1.1 | 3.8 | -2.7 | 0 | 0.1 |
| 26.07.2023 | 1.2 | 3.5 | -2.3 | 0 | 0.1 |
| 27.07.2023 | 1.3 | 4.2 | -3   | 0 | 0.1 |
| 28.07.2023 | 1.3 | 4.7 | -3.4 | 0 | 0.1 |
| 01.08.2023 | 1.2 | 3.2 | -2.1 | 0 | 0.1 |
| 02.08.2023 | 1.2 | 3.6 | -2.5 | 0 | 0.1 |
| 03.08.2023 | 1.2 | 4   | -2.8 | 0 | 0.1 |
| 04.08.2023 | 1.1 | 3.5 | -2.4 | 0 | 0.1 |
| 08.08.2023 | 1.3 | 3.6 | -2.4 | 0 | 0.1 |
| 09.08.2023 | 1.5 | 4.4 | -3   | 0 | 0.1 |
| 10.08.2023 | 1.6 | 5   | -3.5 | 0 | 0.1 |
| 11.08.2023 | 1.5 | 4.5 | -3.1 | 0 | 0.1 |
| 15.08.2023 | 1.5 | 5.2 | -3.8 | 0 | 0.1 |
| 16.08.2023 | 1.6 | 5.2 | -3.7 | 0 | 0.1 |
| 17.08.2023 | 1.6 | 5.5 | -4.1 | 0 | 0.1 |
| 18.08.2023 | 1.6 | 4.8 | -3.3 | 0 | 0.1 |
| 22.08.2023 | 1.5 | 4.2 | -2.9 | 0 | 0.1 |
| 23.08.2023 | 1.7 | 5.6 | -4   | 0 | 0.1 |
| 24.08.2023 | 1.7 | 5.7 | -4.1 | 0 | 0.1 |
| 25.08.2023 | 2   | 6.1 | -4.3 | 0 | 0.1 |
| 29.08.2023 | 1.9 | 6.8 | -5   | 0 | 0.1 |

|            |     |      |       |   |     |
|------------|-----|------|-------|---|-----|
| 30.08.2023 | 1.8 | 5.4  | -3.7  | 0 | 0.1 |
| 31.08.2023 | 1.9 | 6.5  | -4.7  | 0 | 0.1 |
| 01.09.2023 | 1.8 | 5.4  | -3.7  | 0 | 0.1 |
| 05.09.2023 | 1.8 | 5    | -3.4  | 0 | 0.1 |
| 06.09.2023 | 1.8 | 5.7  | -4    | 0 | 0.1 |
| 07.09.2023 | 2   | 6.6  | -4.7  | 0 | 0.1 |
| 08.09.2023 | 1.9 | 6.4  | -4.6  | 0 | 0.1 |
| 12.09.2023 | 2   | 6.9  | -5    | 0 | 0.1 |
| 13.09.2023 | 2.2 | 7.2  | -5.1  | 0 | 0.1 |
| 14.09.2023 | 2.3 | 7.1  | -4.9  | 0 | 0.1 |
| 15.09.2023 | 2.3 | 7.8  | -5.7  | 0 | 0.1 |
| 19.09.2023 | 2.4 | 7.8  | -5.5  | 0 | 0.1 |
| 20.09.2023 | 2.6 | 8.9  | -6.4  | 0 | 0.1 |
| 21.09.2023 | 2.5 | 7.3  | -4.9  | 0 | 0.1 |
| 22.09.2023 | 2.8 | 8.9  | -6.2  | 0 | 0.1 |
| 26.09.2023 | 2.9 | 9.2  | -6.5  | 0 | 0.2 |
| 27.09.2023 | 3.1 | 10.7 | -7.8  | 0 | 0.2 |
| 28.09.2023 | 3   | 9.8  | -6.9  | 0 | 0.2 |
| 29.09.2023 | 3.5 | 11.1 | -7.8  | 0 | 0.2 |
| 03.10.2023 | 3.1 | 9.9  | -7    | 0 | 0.2 |
| 04.10.2023 | 3.5 | 10.3 | -7    | 0 | 0.2 |
| 05.10.2023 | 3.6 | 12   | -8.6  | 0 | 0.2 |
| 06.10.2023 | 3.1 | 10.6 | -7.6  | 0 | 0.2 |
| 10.10.2023 | 2.6 | 8.3  | -5.8  | 0 | 0.1 |
| 11.10.2023 | 2.5 | 8.5  | -6.1  | 0 | 0.1 |
| 12.10.2023 | 2.8 | 9.5  | -6.9  | 0 | 0.2 |
| 13.10.2023 | 2.9 | 9    | -6.2  | 0 | 0.2 |
| 17.10.2023 | 3.1 | 11.1 | -8.1  | 0 | 0.2 |
| 18.10.2023 | 2.7 | 9.2  | -6.6  | 0 | 0.1 |
| 19.10.2023 | 3.4 | 11.6 | -8.3  | 0 | 0.2 |
| 20.10.2023 | 4   | 15.3 | -11.5 | 0 | 0.2 |
| 24.10.2023 | 3.4 | 10.1 | -6.9  | 0 | 0.2 |
| 25.10.2023 | 4.1 | 13.2 | -9.3  | 0 | 0.2 |
| 26.10.2023 | 7.8 | 26.6 | -19.2 | 0 | 0.4 |
| 27.10.2023 | 7.4 | 26.6 | -19.5 | 0 | 0.3 |
| 31.10.2023 | 6.7 | 21.7 | -15.3 | 0 | 0.3 |
| 01.11.2023 | 5.6 | 22.6 | -17.2 | 0 | 0.3 |
| 02.11.2023 | 5.4 | 25.1 | -20   | 0 | 0.2 |
| 03.11.2023 | 3.9 | 15.4 | -11.7 | 0 | 0.2 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 07.11.2023 | 1.7 | 6.2 | -4.6 | 0 | 0.1 |
| 08.11.2023 | 1.7 | 5.2 | -3.6 | 0 | 0.1 |
| 09.11.2023 | 2.2 | 7.2 | -5.1 | 0 | 0.1 |
| 10.11.2023 | 2.6 | 7.8 | -5.3 | 0 | 0.1 |
| 14.11.2023 | 2.5 | 8   | -5.6 | 0 | 0.1 |
| 15.11.2023 | 2.3 | 7.8 | -5.7 | 0 | 0.1 |
| 16.11.2023 | 2.1 | 7.6 | -5.6 | 0 | 0.1 |
| 17.11.2023 | 2.3 | 6.9 | -4.7 | 0 | 0.1 |
| 21.11.2023 | 2.2 | 6.4 | -4.4 | 0 | 0.1 |
| 22.11.2023 | 2.6 | 9.5 | -7.1 | 0 | 0.1 |
| 23.11.2023 | 2.4 | 8.4 | -6.2 | 0 | 0.1 |
| 24.11.2023 | 2.5 | 8.5 | -6.2 | 0 | 0.1 |
| 28.11.2023 | 2.4 | 8.5 | -6.2 | 0 | 0.1 |
| 29.11.2023 | 2.6 | 8.9 | -6.5 | 0 | 0.1 |
| 30.11.2023 | 2.6 | 8.9 | -6.4 | 0 | 0.1 |
| 01.12.2023 | 2.4 | 8.7 | -6.4 | 0 | 0.1 |
| 05.12.2023 | 1.8 | 6.1 | -4.4 | 0 | 0.1 |
| 06.12.2023 | 1.7 | 6.6 | -5   | 0 | 0.1 |
| 07.12.2023 | 1.6 | 6.1 | -4.6 | 0 | 0.1 |
| 08.12.2023 | 1.5 | 5   | -3.6 | 0 | 0.1 |
| 12.12.2023 | 1.5 | 5.5 | -4.1 | 0 | 0.1 |
| 13.12.2023 | 1.6 | 4.5 | -3   | 0 | 0.1 |
| 14.12.2023 | 1.5 | 5.1 | -3.7 | 0 | 0.1 |
| 15.12.2023 | 1.5 | 5.3 | -3.9 | 0 | 0.1 |
| 19.12.2023 | 1.7 | 6.3 | -4.7 | 0 | 0.1 |
| 20.12.2023 | 1.7 | 5.9 | -4.3 | 0 | 0.1 |
| 21.12.2023 | 1.7 | 5.6 | -4.1 | 0 | 0.1 |
| 22.12.2023 | 1.8 | 6.1 | -4.4 | 0 | 0.1 |
| 28.12.2023 | 1.6 | 5.2 | -3.7 | 0 | 0.1 |
| 29.12.2023 | 1.5 | 5.3 | -3.9 | 0 | 0.1 |
| 03.01.2024 | 1.4 | 4.5 | -3.2 | 0 | 0.1 |
| 04.01.2024 | 1.3 | 3.4 | -2.1 | 0 | 0.1 |
| 05.01.2024 | 1.3 | 4   | -2.8 | 0 | 0.1 |
| 09.01.2024 | 1.3 | 3.3 | -2   | 0 | 0.1 |
| 10.01.2024 | 1.2 | 4.3 | -3.1 | 0 | 0.1 |
| 11.01.2024 | 1.5 | 4.9 | -3.5 | 0 | 0.1 |
| 12.01.2024 | 1.7 | 5.8 | -4.2 | 0 | 0.1 |
| 16.01.2024 | 1.9 | 6.7 | -4.9 | 0 | 0.1 |
| 17.01.2024 | 1.9 | 6.3 | -4.5 | 0 | 0.1 |

|            |      |      |       |   |     |
|------------|------|------|-------|---|-----|
| 18.01.2024 | 2    | 6.7  | -4.9  | 0 | 0.1 |
| 19.01.2024 | 2.3  | 7.9  | -5.8  | 0 | 0.1 |
| 23.01.2024 | 2.3  | 6.4  | -4.3  | 0 | 0.1 |
| 24.01.2024 | 2.1  | 7    | -5    | 0 | 0.1 |
| 25.01.2024 | 2    | 6.2  | -4.3  | 0 | 0.1 |
| 26.01.2024 | 2.3  | 8.7  | -6.5  | 0 | 0.1 |
| 30.01.2024 | 2.1  | 7.6  | -5.6  | 0 | 0.1 |
| 31.01.2024 | 2.2  | 8    | -6    | 0 | 0.1 |
| 01.02.2024 | 2.2  | 7.3  | -5.2  | 0 | 0.1 |
| 02.02.2024 | 2.4  | 8.3  | -6    | 0 | 0.1 |
| 06.02.2024 | 2.2  | 8    | -5.9  | 0 | 0.1 |
| 07.02.2024 | 1.8  | 6.3  | -4.6  | 0 | 0.1 |
| 08.02.2024 | 1.9  | 7    | -5.2  | 0 | 0.1 |
| 09.02.2024 | 1.8  | 6.6  | -4.9  | 0 | 0.1 |
| 13.02.2024 | 1.7  | 5.1  | -3.5  | 0 | 0.1 |
| 14.02.2024 | 1.7  | 4.1  | -2.5  | 0 | 0.1 |
| 15.02.2024 | 1.8  | 5.2  | -3.6  | 0 | 0.1 |
| 16.02.2024 | 1.6  | 4.8  | -3.2  | 0 | 0.1 |
| 20.02.2024 | 1.7  | 4.2  | -2.6  | 0 | 0.1 |
| 21.02.2024 | 1.7  | 4.1  | -2.6  | 0 | 0.1 |
| 22.02.2024 | 2.1  | 5.7  | -3.8  | 0 | 0.1 |
| 23.02.2024 | 2    | 5.7  | -3.9  | 0 | 0.1 |
| 27.02.2024 | 3    | 10.3 | -7.5  | 0 | 0.2 |
| 28.02.2024 | 3    | 10.5 | -7.7  | 0 | 0.2 |
| 29.02.2024 | 3    | 9.9  | -7    | 0 | 0.2 |
| 01.03.2024 | 4.2  | 16.6 | -12.6 | 0 | 0.2 |
| 05.03.2024 | 6.1  | 21.5 | -15.7 | 0 | 0.3 |
| 06.03.2024 | 6.1  | 18.3 | -12.5 | 0 | 0.3 |
| 07.03.2024 | 8.3  | 26.6 | -18.7 | 0 | 0.4 |
| 08.03.2024 | 8.8  | 26.1 | -17.8 | 0 | 0.4 |
| 12.03.2024 | 7.4  | 21.5 | -14.5 | 0 | 0.4 |
| 13.03.2024 | 8.4  | 27.9 | -19.8 | 0 | 0.4 |
| 14.03.2024 | 8.7  | 25.4 | -17.1 | 0 | 0.4 |
| 15.03.2024 | 8.4  | 27.4 | -19.4 | 0 | 0.4 |
| 19.03.2024 | 10.8 | 42.1 | -31.9 | 0 | 0.7 |
| 20.03.2024 | 25.2 | 81.7 | -57.3 | 0 | 0.8 |
| 21.03.2024 | 14.4 | 55.1 | -41.4 | 0 | 0.7 |
| 22.03.2024 | 18.7 | 68   | -50   | 0 | 0.8 |

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