

# Historical cost data

**ISIN: DE000HD33X85**

| Date       | Cost Impact / Reduction<br>in Yield (%) | Entry Costs (%) | Exit Costs (%) | Portfolio Transaction<br>Costs per Year (%) | Other Ongoing Costs (%) |
|------------|-----------------------------------------|-----------------|----------------|---------------------------------------------|-------------------------|
| 26.02.2024 | 1.8                                     | 1.3             | 0.5            | 0                                           | 0                       |
| 04.03.2024 | 0.6                                     | 5.2             | -4.7           | 0                                           | 0                       |
| 05.03.2024 | 0.3                                     | 2.4             | -2.2           | 0                                           | 0.1                     |
| 03.04.2024 | 0.2                                     | 2.5             | -2.4           | 0                                           | 0.1                     |
| 18.04.2024 | 0.2                                     | 2.6             | -2.4           | 0                                           | 0.1                     |
| 14.05.2024 | 0.2                                     | 2.9             | -2.8           | 0                                           | 0.1                     |
| 04.06.2024 | 0.2                                     | 3               | -2.9           | 0                                           | 0.1                     |
| 11.06.2024 | 0.2                                     | 3.1             | -3             | 0                                           | 0.1                     |
| 17.07.2024 | 0.2                                     | 3.1             | -3             | 0                                           | 0.1                     |
| 25.07.2024 | 0.2                                     | 3               | -2.9           | 0                                           | 0.1                     |
| 01.08.2024 | 0.2                                     | 3.2             | -3.1           | 0                                           | 0.1                     |
| 20.08.2024 | 0.2                                     | 3.1             | -2.9           | 0                                           | 0.1                     |
| 23.08.2024 | 0.3                                     | 3.6             | -3.4           | 0                                           | 0.1                     |
| 11.10.2024 | 0.3                                     | 3.2             | -3             | 0                                           | 0.1                     |
| 16.10.2024 | 0.3                                     | 3.4             | -3.2           | 0                                           | 0.1                     |
| 25.10.2024 | 0.3                                     | 3.2             | -3             | 0                                           | 0.1                     |
| 13.11.2024 | 0.3                                     | 3.3             | -3.1           | 0                                           | 0.1                     |
| 06.03.2024 | 0.3                                     | 2.4             | -2.2           | 0                                           | 0.1                     |
| 07.03.2024 | 0.3                                     | 2.5             | -2.3           | 0                                           | 0.1                     |
| 08.03.2024 | 0.3                                     | 2.5             | -2.3           | 0                                           | 0.1                     |
| 12.03.2024 | 0.3                                     | 2.4             | -2.2           | 0                                           | 0.1                     |
| 13.03.2024 | 0.3                                     | 2.4             | -2.2           | 0                                           | 0.1                     |
| 14.03.2024 | 0.3                                     | 2.4             | -2.2           | 0                                           | 0.1                     |
| 15.03.2024 | 0.3                                     | 2.3             | -2.1           | 0                                           | 0.1                     |
| 19.03.2024 | 0.2                                     | 2.4             | -2.3           | 0                                           | 0.1                     |
| 20.03.2024 | 0.2                                     | 2.4             | -2.3           | 0                                           | 0.1                     |
| 21.03.2024 | 0.2                                     | 2.4             | -2.3           | 0                                           | 0.1                     |
| 22.03.2024 | 0.2                                     | 2.4             | -2.3           | 0                                           | 0.1                     |
| 26.03.2024 | 0.2                                     | 2.4             | -2.3           | 0                                           | 0.1                     |
| 27.03.2024 | 0.2                                     | 2.4             | -2.3           | 0                                           | 0.1                     |
| 28.03.2024 | 0.2                                     | 2.4             | -2.3           | 0                                           | 0.1                     |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 02.04.2024 | 0.8 | 0.4 | 0.4  | 0 | 0   |
| 04.04.2024 | 0.2 | 2.5 | -2.4 | 0 | 0.1 |
| 05.04.2024 | 0.2 | 2.6 | -2.5 | 0 | 0.1 |
| 09.04.2024 | 0.2 | 2.5 | -2.4 | 0 | 0.1 |
| 10.04.2024 | 0.2 | 2.5 | -2.4 | 0 | 0.1 |
| 11.04.2024 | 0.2 | 2.5 | -2.4 | 0 | 0.1 |
| 12.04.2024 | 0.2 | 2.5 | -2.4 | 0 | 0.1 |
| 16.04.2024 | 0.2 | 2.6 | -2.5 | 0 | 0.1 |
| 17.04.2024 | 0.2 | 2.6 | -2.5 | 0 | 0.1 |
| 19.04.2024 | 0.2 | 2.6 | -2.4 | 0 | 0.1 |
| 23.04.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 24.04.2024 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 26.04.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 30.04.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 03.05.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 07.05.2024 | 0.2 | 2.9 | -2.8 | 0 | 0.1 |
| 08.05.2024 | 0.2 | 2.9 | -2.8 | 0 | 0.1 |
| 09.05.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 10.05.2024 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 15.05.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 16.05.2024 | 0.2 | 2.9 | -2.7 | 0 | 0.1 |
| 17.05.2024 | 0.2 | 2.8 | -2.7 | 0 | 0.1 |
| 21.05.2024 | 0.2 | 2.8 | -2.7 | 0 | 0.1 |
| 22.05.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 23.05.2024 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 24.05.2024 | 0.2 | 3.3 | -3.1 | 0 | 0.1 |
| 28.05.2024 | 0.8 | 2.5 | -1.7 | 0 | 0.1 |
| 29.05.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 30.05.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 31.05.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 05.06.2024 | 0.2 | 3.2 | -3.1 | 0 | 0.1 |
| 06.06.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 07.06.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 12.06.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 13.06.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 14.06.2024 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 18.06.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 19.06.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 20.06.2024 | 0.8 | 7.8 | -7.1 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 21.06.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 25.06.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 26.06.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 27.06.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 28.06.2024 | 0.2 | 2.9 | -2.8 | 0 | 0.1 |
| 02.07.2024 | 0.2 | 2.9 | -2.8 | 0 | 0.1 |
| 03.07.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 04.07.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 05.07.2024 | 0.8 | 0.3 | 0.3  | 0 | 0.1 |
| 09.07.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 10.07.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 11.07.2024 | 0.2 | 3.2 | -3.1 | 0 | 0.1 |
| 12.07.2024 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 16.07.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 18.07.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 19.07.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 23.07.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 24.07.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 26.07.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 30.07.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 31.07.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 02.08.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 06.08.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 07.08.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 09.08.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 13.08.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 14.08.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 15.08.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 16.08.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 21.08.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 22.08.2024 | 0.2 | 3.3 | -3.1 | 0 | 0.1 |
| 27.08.2024 | 0.3 | 3.1 | -2.9 | 0 | 0.1 |
| 28.08.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 29.08.2024 | 0.3 | 3.4 | -3.2 | 0 | 0.1 |
| 30.08.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 03.09.2024 | 0.7 | 3.4 | -2.8 | 0 | 0.1 |
| 04.09.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 05.09.2024 | 0.3 | 3.4 | -3.2 | 0 | 0.1 |
| 06.09.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 10.09.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 11.09.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 12.09.2024 | 0.3 | 3.3 | -3   | 0 | 0.1 |
| 13.09.2024 | 0.3 | 3.4 | -3.1 | 0 | 0.1 |
| 17.09.2024 | 0.3 | 3.3 | -3   | 0 | 0.1 |
| 18.09.2024 | 0.3 | 3.4 | -3.1 | 0 | 0.1 |
| 19.09.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 20.09.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 24.09.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 25.09.2024 | 0.3 | 3.4 | -3.2 | 0 | 0.1 |
| 26.09.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 27.09.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 01.10.2024 | 0.2 | 3.5 | -3.3 | 0 | 0.1 |
| 02.10.2024 | 0.2 | 3.2 | -3.1 | 0 | 0.1 |
| 03.10.2024 | 0.2 | 3.5 | -3.4 | 0 | 0.1 |
| 04.10.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 08.10.2024 | 0.2 | 2.9 | -2.8 | 0 | 0.1 |
| 09.10.2024 | 0.2 | 3.2 | -3.1 | 0 | 0.1 |
| 10.10.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 15.10.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 17.10.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 18.10.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 22.10.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 23.10.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 24.10.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 29.10.2024 | 0.3 | 3.1 | -2.9 | 0 | 0.1 |
| 30.10.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 31.10.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 01.11.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 05.11.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 06.11.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 07.11.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 08.11.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 12.11.2024 | 0.3 | 3.4 | -3.2 | 0 | 0.1 |
| 30.01.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 04.03.2025 | 0.2 | 3.3 | -3.1 | 0 | 0.1 |
| 07.03.2025 | 0.2 | 3.2 | -3.1 | 0 | 0.1 |
| 13.03.2025 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 08.04.2025 | 0.2 | 4.1 | -3.9 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 09.04.2025 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 10.04.2025 | 0.3 | 3.6 | -3.4 | 0 | 0.1 |
| 23.04.2025 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 16.05.2025 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 15.05.2025 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 14.11.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 15.11.2024 | 0.3 | 3.7 | -3.5 | 0 | 0.1 |
| 19.11.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 20.11.2024 | 0.3 | 3.2 | -3   | 0 | 0.1 |
| 21.11.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 22.11.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 26.11.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 27.11.2024 | 0.3 | 3.3 | -3.1 | 0 | 0.1 |
| 28.11.2024 | 0.3 | 3.1 | -2.9 | 0 | 0.1 |
| 29.11.2024 | 0.4 | 0.9 | -0.5 | 0 | 0.1 |
| 03.12.2024 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 04.12.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 05.12.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 06.12.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 10.12.2024 | 0.2 | 2.8 | -2.6 | 0 | 0.1 |
| 11.12.2024 | 0.2 | 2.9 | -2.7 | 0 | 0.1 |
| 12.12.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 13.12.2024 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 17.12.2024 | 0.2 | 3.3 | -3.1 | 0 | 0.1 |
| 18.12.2024 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 19.12.2024 | 0.2 | 3.4 | -3.2 | 0 | 0.1 |
| 20.12.2024 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 24.12.2024 | 0.4 | 3.3 | -3.1 | 0 | 0.3 |
| 31.12.2024 | 0.4 | 6.2 | -6   | 0 | 0.2 |
| 03.01.2025 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 07.01.2025 | 0.2 | 3.2 | -3   | 0 | 0   |
| 08.01.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 09.01.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 10.01.2025 | 0.9 | 3   | -2.2 | 0 | 0.1 |
| 14.01.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 15.01.2025 | 0.2 | 3.2 | -3.1 | 0 | 0.1 |
| 16.01.2025 | 0.2 | 3.4 | -3.2 | 0 | 0.1 |
| 17.01.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 21.01.2025 | 0.5 | 4.6 | -4.2 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 22.01.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 23.01.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 24.01.2025 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 28.01.2025 | 0.2 | 2.9 | -2.7 | 0 | 0.1 |
| 29.01.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 31.01.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 04.02.2025 | 0.2 | 2.9 | -2.7 | 0 | 0.1 |
| 05.02.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 06.02.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 07.02.2025 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 11.02.2025 | 0.2 | 2.9 | -2.8 | 0 | 0.1 |
| 12.02.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 13.02.2025 | 0.3 | 3.1 | -2.8 | 0 | 0.1 |
| 14.02.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 18.02.2025 | 2.8 | 4.4 | -1.7 | 0 | 0.1 |
| 19.02.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 20.02.2025 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 21.02.2025 | 0.2 | 3.2 | -3.1 | 0 | 0.1 |
| 25.02.2025 | 0.2 | 2.9 | -2.8 | 0 | 0.1 |
| 26.02.2025 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 27.02.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 28.02.2025 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 05.03.2025 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 06.03.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 11.03.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 12.03.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 14.03.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 18.03.2025 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 19.03.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 20.03.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 21.03.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 25.03.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 26.03.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 27.03.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 28.03.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 01.04.2025 | 0.2 | 3.2 | -3.1 | 0 | 0.1 |
| 02.04.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 03.04.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 04.04.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 11.04.2025 | 0.2 | 3.3 | -3.1 | 0 | 0.1 |
| 15.04.2025 | 0.2 | 3.2 | -3   | 0 | 0.1 |
| 16.04.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 17.04.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 24.04.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 25.04.2025 | 0.2 | 3.1 | -3   | 0 | 0.1 |
| 29.04.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 30.04.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 06.05.2025 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 07.05.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 08.05.2025 | 0.2 | 3   | -2.9 | 0 | 0.1 |
| 09.05.2025 | 0.2 | 3   | -2.8 | 0 | 0.1 |
| 13.05.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |
| 14.05.2025 | 0.2 | 3.1 | -2.9 | 0 | 0.1 |

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