

# Historical cost data

**ISIN: DE000HD89TW1**

| Date       | Cost Impact / Reduction<br>in Yield (%) | Entry Costs (%) | Exit Costs (%) | Portfolio Transaction<br>Costs per Year (%) | Other Ongoing Costs (%) |
|------------|-----------------------------------------|-----------------|----------------|---------------------------------------------|-------------------------|
| 23.08.2024 | 0.2                                     | 0.5             | -0.3           | 0                                           | 0                       |
| 26.08.2024 | 1.2                                     | 5               | -3.9           | 0                                           | 0.1                     |
| 27.08.2024 | 0.8                                     | 7.2             | -6.7           | 0                                           | 0.2                     |
| 28.08.2024 | 0.8                                     | 6.8             | -6.2           | 0                                           | 0.2                     |
| 29.08.2024 | 0.8                                     | 6.5             | -5.9           | 0                                           | 0.2                     |
| 30.08.2024 | 0.8                                     | 6.7             | -6.1           | 0                                           | 0.2                     |
| 03.09.2024 | 1.1                                     | 4.8             | -3.9           | 0                                           | 0.2                     |
| 04.09.2024 | 0.4                                     | 4.2             | -4             | 0                                           | 0.2                     |
| 05.09.2024 | 0.4                                     | 4.3             | -4.1           | 0                                           | 0.2                     |
| 06.09.2024 | 0.5                                     | 4.2             | -4             | 0                                           | 0.2                     |
| 10.09.2024 | 0.4                                     | 4.3             | -4.2           | 0                                           | 0.2                     |
| 11.09.2024 | 0.4                                     | 4.3             | -4.1           | 0                                           | 0.2                     |
| 12.09.2024 | 0.4                                     | 4.6             | -4.4           | 0                                           | 0.2                     |
| 13.09.2024 | 0.4                                     | 4.4             | -4.2           | 0                                           | 0.2                     |
| 17.09.2024 | 0.4                                     | 4.5             | -4.4           | 0                                           | 0.2                     |
| 18.09.2024 | 0.4                                     | 4.6             | -4.4           | 0                                           | 0.2                     |
| 19.09.2024 | 1                                       | 4.4             | -3.6           | 0                                           | 0.2                     |
| 20.09.2024 | 1                                       | 4.4             | -3.6           | 0                                           | 0.2                     |
| 24.09.2024 | 1                                       | 4.7             | -3.9           | 0                                           | 0.2                     |
| 25.09.2024 | 0.9                                     | 4.5             | -3.8           | 0                                           | 0.2                     |
| 26.09.2024 | 1                                       | 4.2             | -3.4           | 0                                           | 0.2                     |
| 27.09.2024 | 1                                       | 4.7             | -3.8           | 0                                           | 0.2                     |
| 01.10.2024 | 1                                       | 5.2             | -4.3           | 0                                           | 0.2                     |
| 02.10.2024 | 1                                       | 4.9             | -4.1           | 0                                           | 0.2                     |
| 03.10.2024 | 1                                       | 4.8             | -4             | 0                                           | 0.2                     |
| 04.10.2024 | 1.1                                     | 4.6             | -3.7           | 0                                           | 0.2                     |
| 09.10.2024 | 1.1                                     | 4.8             | -3.9           | 0                                           | 0.2                     |
| 10.10.2024 | 1                                       | 4.7             | -4             | 0                                           | 0.2                     |
| 11.10.2024 | 1                                       | 4.7             | -4             | 0                                           | 0.2                     |
| 15.10.2024 | 1                                       | 4.9             | -4.1           | 0                                           | 0.2                     |
| 16.10.2024 | 1.1                                     | 5.3             | -4.4           | 0                                           | 0.2                     |

|            |     |      |      |   |     |
|------------|-----|------|------|---|-----|
| 17.10.2024 | 1.1 | 5    | -4.2 | 0 | 0.2 |
| 18.10.2024 | 1   | 4.7  | -3.9 | 0 | 0.2 |
| 22.10.2024 | 1.1 | 5    | -4.1 | 0 | 0.2 |
| 23.10.2024 | 1.1 | 5.1  | -4.2 | 0 | 0.2 |
| 24.10.2024 | 1.1 | 4.9  | -4   | 0 | 0.2 |
| 25.10.2024 | 1.1 | 4.8  | -3.9 | 0 | 0.2 |
| 29.10.2024 | 1   | 4.8  | -4   | 0 | 0.2 |
| 30.10.2024 | 1   | 4.7  | -4   | 0 | 0.2 |
| 31.10.2024 | 1   | 4.6  | -3.8 | 0 | 0.2 |
| 05.11.2024 | 1   | 4.7  | -3.9 | 0 | 0.2 |
| 07.11.2024 | 1   | 4.3  | -3.5 | 0 | 0.2 |
| 08.11.2024 | 1.1 | 4.8  | -4   | 0 | 0.2 |
| 12.11.2024 | 1   | 5.6  | -4.8 | 0 | 0.2 |
| 13.11.2024 | 1   | 4.9  | -4.1 | 0 | 0.2 |
| 14.11.2024 | 1.1 | 4.7  | -3.8 | 0 | 0.2 |
| 19.11.2024 | 1   | 4.7  | -3.9 | 0 | 0.2 |
| 20.11.2024 | 1   | 4.8  | -4   | 0 | 0.2 |
| 21.11.2024 | 1.1 | 4.6  | -3.8 | 0 | 0.2 |
| 22.11.2024 | 1   | 4.7  | -3.9 | 0 | 0.2 |
| 26.11.2024 | 1   | 4.7  | -3.9 | 0 | 0.2 |
| 27.11.2024 | 1.1 | 4.8  | -3.9 | 0 | 0.2 |
| 28.11.2024 | 1   | 4.8  | -4.1 | 0 | 0.2 |
| 29.11.2024 | 4.2 | 8    | -4   | 0 | 0.2 |
| 03.12.2024 | 1   | 5.4  | -4.5 | 0 | 0.2 |
| 04.12.2024 | 1   | 4.8  | -4   | 0 | 0.2 |
| 05.12.2024 | 1   | 4.7  | -3.8 | 0 | 0.2 |
| 06.12.2024 | 1   | 4.9  | -4.1 | 0 | 0.2 |
| 10.12.2024 | 1   | 4.6  | -3.9 | 0 | 0.2 |
| 11.12.2024 | 1   | 5    | -4.2 | 0 | 0.2 |
| 12.12.2024 | 1   | 5.1  | -4.3 | 0 | 0.2 |
| 13.12.2024 | 1   | 5.1  | -4.4 | 0 | 0.2 |
| 17.12.2024 | 1   | 4.8  | -4   | 0 | 0.2 |
| 18.12.2024 | 1.1 | 5    | -4.1 | 0 | 0.2 |
| 19.12.2024 | 0.9 | 4.9  | -4.1 | 0 | 0.2 |
| 20.12.2024 | 1   | 4.8  | -4   | 0 | 0.2 |
| 24.12.2024 | 2.5 | 5.5  | -3.8 | 0 | 0.8 |
| 31.12.2024 | 6.7 | 13.8 | -7.7 | 0 | 0.6 |
| 03.01.2025 | 1.8 | 5.1  | -3.5 | 0 | 0.2 |
| 07.01.2025 | 1.8 | 5.4  | -3.8 | 0 | 0.2 |

|            |      |      |      |   |     |
|------------|------|------|------|---|-----|
| 09.01.2025 | 1.8  | 5.2  | -3.6 | 0 | 0.2 |
| 10.01.2025 | 16.3 | 18.5 | -2.3 | 0 | 0.2 |
| 14.01.2025 | 1.8  | 5.3  | -3.7 | 0 | 0.2 |
| 15.01.2025 | 1.9  | 5.1  | -3.4 | 0 | 0.2 |
| 16.01.2025 | 1.8  | 5.3  | -3.8 | 0 | 0.2 |
| 17.01.2025 | 1.8  | 5.1  | -3.6 | 0 | 0.2 |
| 21.01.2025 | 8.2  | 11.5 | -3.4 | 0 | 0.2 |
| 22.01.2025 | 1.8  | 5.6  | -4   | 0 | 0.2 |
| 23.01.2025 | 1.9  | 5.2  | -3.5 | 0 | 0.2 |
| 24.01.2025 | 1.8  | 5.1  | -3.5 | 0 | 0.2 |
| 28.01.2025 | 1.7  | 4.9  | -3.4 | 0 | 0.2 |
| 29.01.2025 | 1.8  | 5    | -3.4 | 0 | 0.2 |
| 30.01.2025 | 1.7  | 5.4  | -3.8 | 0 | 0.2 |
| 31.01.2025 | 1.6  | 5.2  | -3.8 | 0 | 0.2 |
| 04.02.2025 | 1.7  | 5.8  | -4.3 | 0 | 0.2 |
| 05.02.2025 | 1.6  | 4.3  | -2.9 | 0 | 0.2 |
| 06.02.2025 | 1.6  | 4.7  | -3.3 | 0 | 0.2 |
| 07.02.2025 | 1.7  | 5.2  | -3.8 | 0 | 0.2 |
| 11.02.2025 | 1.7  | 5.1  | -3.6 | 0 | 0.2 |
| 12.02.2025 | 1.7  | 5.1  | -3.5 | 0 | 0.2 |
| 13.02.2025 | 1.7  | 4.9  | -3.3 | 0 | 0.2 |
| 18.02.2025 | 22.1 | 23.9 | -1.9 | 0 | 0.2 |
| 19.02.2025 | 1.7  | 5.3  | -3.8 | 0 | 0.2 |
| 21.02.2025 | 1.7  | 5.1  | -3.6 | 0 | 0.2 |
| 25.02.2025 | 1.7  | 5.8  | -4.3 | 0 | 0.2 |
| 26.02.2025 | 1.8  | 5.6  | -4   | 0 | 0.2 |
| 28.02.2025 | 1.7  | 4.8  | -3.3 | 0 | 0.2 |
| 04.03.2025 | 1.7  | 4.5  | -3   | 0 | 0.2 |
| 05.03.2025 | 1.6  | 4.9  | -3.5 | 0 | 0.2 |
| 07.03.2025 | 1.7  | 5.1  | -3.6 | 0 | 0.2 |
| 11.03.2025 | 1.6  | 4.6  | -3.2 | 0 | 0.2 |
| 12.03.2025 | 1.7  | 5    | -3.5 | 0 | 0.2 |
| 13.03.2025 | 1.6  | 5.5  | -4.1 | 0 | 0.2 |
| 14.03.2025 | 1.7  | 5.1  | -3.6 | 0 | 0.2 |
| 18.03.2025 | 1.7  | 5.2  | -3.6 | 0 | 0.2 |
| 20.03.2025 | 1.7  | 4.9  | -3.4 | 0 | 0.2 |
| 25.03.2025 | 1.7  | 5.6  | -4   | 0 | 0.2 |
| 26.03.2025 | 1.7  | 4.9  | -3.4 | 0 | 0.2 |
| 27.03.2025 | 1.6  | 5.8  | -4.3 | 0 | 0.2 |

|            |     |      |       |   |     |
|------------|-----|------|-------|---|-----|
| 28.03.2025 | 1.7 | 5.6  | -4.1  | 0 | 0.2 |
| 01.04.2025 | 1.7 | 5.6  | -4.2  | 0 | 0.2 |
| 02.04.2025 | 1.7 | 5.3  | -3.8  | 0 | 0.2 |
| 03.04.2025 | 1.7 | 5.4  | -3.9  | 0 | 0.2 |
| 04.04.2025 | 1.8 | 6.1  | -4.5  | 0 | 0.2 |
| 08.04.2025 | 1.9 | 7.4  | -5.7  | 0 | 0.2 |
| 09.04.2025 | 1.7 | 6.3  | -4.7  | 0 | 0.2 |
| 10.04.2025 | 1.8 | 19.2 | -17.7 | 0 | 0.2 |
| 16.04.2025 | 1.8 | 5.4  | -3.8  | 0 | 0.2 |
| 17.04.2025 | 1.7 | 5.2  | -3.7  | 0 | 0.2 |
| 23.04.2025 | 1.7 | 5.8  | -4.2  | 0 | 0.2 |
| 24.04.2025 | 1.7 | 5.2  | -3.7  | 0 | 0.2 |
| 25.04.2025 | 1.7 | 5.8  | -4.4  | 0 | 0.2 |
| 29.04.2025 | 1.6 | 5.1  | -3.7  | 0 | 0.2 |
| 30.04.2025 | 1.6 | 5.4  | -4.1  | 0 | 0.2 |
| 06.05.2025 | 1.6 | 5.1  | -3.6  | 0 | 0.2 |
| 07.05.2025 | 1.6 | 5.3  | -3.9  | 0 | 0.2 |
| 08.05.2025 | 1.8 | 5.9  | -4.3  | 0 | 0.2 |
| 09.05.2025 | 1.6 | 5.3  | -3.9  | 0 | 0.2 |
| 13.05.2025 | 1.7 | 5.2  | -3.7  | 0 | 0.2 |
| 14.05.2025 | 1.7 | 5.4  | -3.9  | 0 | 0.2 |
| 15.05.2025 | 1.6 | 5.9  | -4.5  | 0 | 0.2 |
| 16.05.2025 | 1.6 | 5.3  | -4    | 0 | 0.2 |
| 20.05.2025 | 1.5 | 5.4  | -4.1  | 0 | 0.2 |
| 21.05.2025 | 1.7 | 5.6  | -4    | 0 | 0.2 |
| 22.05.2025 | 1.7 | 5.5  | -4    | 0 | 0.2 |
| 23.05.2025 | 1.6 | 5.5  | -4    | 0 | 0.2 |
| 28.05.2025 | 1.8 | 5.5  | -3.9  | 0 | 0.2 |
| 30.05.2025 | 1.8 | 5.6  | -4    | 0 | 0.2 |
| 04.06.2025 | 1.6 | 5.3  | -3.9  | 0 | 0.2 |
| 05.06.2025 | 1.7 | 5.9  | -4.4  | 0 | 0.2 |
| 06.06.2025 | 1.6 | 5.9  | -4.5  | 0 | 0.2 |
| 13.06.2025 | 1.8 | 5.8  | -4.2  | 0 | 0.2 |
| 17.06.2025 | 1.6 | 5.6  | -4.3  | 0 | 0.2 |
| 18.06.2025 | 1.7 | 5.8  | -4.2  | 0 | 0.2 |
| 19.06.2025 | 1.6 | 5.6  | -4.1  | 0 | 0.2 |
| 20.06.2025 | 7.6 | 11.3 | -3.9  | 0 | 0.2 |
| 25.06.2025 | 1.5 | 5.8  | -4.5  | 0 | 0.2 |
| 26.06.2025 | 1.6 | 5.7  | -4.3  | 0 | 0.2 |

|            |     |     |      |   |     |
|------------|-----|-----|------|---|-----|
| 27.06.2025 | 1.5 | 5.6 | -4.2 | 0 | 0.2 |
| 01.07.2025 | 1.5 | 5.7 | -4.5 | 0 | 0.2 |
| 03.07.2025 | 1.5 | 5.6 | -4.2 | 0 | 0.2 |
| 04.07.2025 | 1.8 | 6   | -4.3 | 0 | 0.2 |
| 08.07.2025 | 1.7 | 7   | -5.6 | 0 | 0.2 |
| 09.07.2025 | 1.6 | 5.8 | -4.4 | 0 | 0.2 |
| 10.07.2025 | 1.7 | 5.9 | -4.4 | 0 | 0.2 |
| 11.07.2025 | 1.6 | 6.1 | -4.6 | 0 | 0.2 |
| 15.07.2025 | 1.6 | 5.8 | -4.4 | 0 | 0.2 |
| 16.07.2025 | 1.6 | 5.7 | -4.3 | 0 | 0.2 |
| 17.07.2025 | 1.7 | 5.9 | -4.4 | 0 | 0.2 |
| 18.07.2025 | 1.6 | 6   | -4.5 | 0 | 0.2 |
| 22.07.2025 | 1.6 | 5.6 | -4.1 | 0 | 0.2 |
| 23.07.2025 | 1.7 | 6   | -4.5 | 0 | 0.2 |
| 24.07.2025 | 1.6 | 6.2 | -4.7 | 0 | 0.2 |
| 29.07.2025 | 1.5 | 5.8 | -4.5 | 0 | 0.2 |
| 30.07.2025 | 1.7 | 6.1 | -4.6 | 0 | 0.2 |
| 05.08.2025 | 1.8 | 6.8 | -5.2 | 0 | 0.2 |
| 06.08.2025 | 1.8 | 6.7 | -5   | 0 | 0.2 |
| 07.08.2025 | 1.7 | 6.5 | -5   | 0 | 0.2 |
| 08.08.2025 | 1.9 | 7.1 | -5.5 | 0 | 0.2 |
| 12.08.2025 | 0.9 | 7.1 | -6.4 | 0 | 0.2 |
| 13.08.2025 | 0.8 | 7.1 | -6.5 | 0 | 0.2 |
| 14.08.2025 | 0.8 | 7   | -6.4 | 0 | 0.2 |
| 15.08.2025 | 0.9 | 6.8 | -6.2 | 0 | 0.2 |
| 01.08.2025 | 1.9 | 7.1 | -5.4 | 0 | 0.2 |
| 08.10.2024 | 1   | 4.9 | -4.1 | 0 | 0.2 |
| 01.11.2024 | 1.1 | 5.5 | -4.6 | 0 | 0.2 |
| 06.11.2024 | 1   | 4.9 | -4   | 0 | 0.2 |
| 15.11.2024 | 1   | 4.8 | -3.9 | 0 | 0.2 |
| 08.01.2025 | 1.6 | 1.4 | 0.1  | 0 | 0.1 |
| 14.02.2025 | 1.6 | 5.2 | -3.8 | 0 | 0.2 |
| 20.02.2025 | 1.7 | 5.3 | -3.9 | 0 | 0.2 |
| 27.02.2025 | 1.6 | 5.2 | -3.8 | 0 | 0.2 |
| 06.03.2025 | 1.7 | 5.7 | -4.2 | 0 | 0.2 |
| 19.03.2025 | 1.7 | 5.3 | -3.8 | 0 | 0.2 |
| 21.03.2025 | 1.6 | 4.8 | -3.4 | 0 | 0.2 |
| 11.04.2025 | 1.8 | 6.2 | -4.7 | 0 | 0.2 |
| 15.04.2025 | 1.6 | 5.6 | -4.2 | 0 | 0.2 |

|            |      |      |      |   |     |
|------------|------|------|------|---|-----|
| 22.04.2025 | 7.5  | 8.5  | -1.1 | 0 | 0.1 |
| 27.05.2025 | 14.8 | 17.5 | -2.9 | 0 | 0.2 |
| 29.05.2025 | 1.6  | 5.5  | -4   | 0 | 0.2 |
| 03.06.2025 | 1.7  | 5.5  | -4   | 0 | 0.2 |
| 10.06.2025 | 1.7  | 5.5  | -4.1 | 0 | 0.2 |
| 11.06.2025 | 1.6  | 5.9  | -4.5 | 0 | 0.2 |
| 12.06.2025 | 1.7  | 6    | -4.6 | 0 | 0.2 |
| 24.06.2025 | 1.5  | 5.5  | -4.2 | 0 | 0.2 |
| 02.07.2025 | 1.5  | 5.7  | -4.3 | 0 | 0.2 |
| 25.07.2025 | 1.7  | 5.7  | -4.3 | 0 | 0.2 |
| 31.07.2025 | 1.7  | 6.3  | -4.8 | 0 | 0.2 |

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