

Table L5. Revenue passenger air travel, Low Zero-carbon Technology Cost case

billion revenue-passenger-miles

| Region and type | 2022 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual percentage change, 2022–2050 |
|-----------------------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|---|
| United States | | | | | | | | |
| Domestic | 710 | 754 | 826 | 898 | 1,002 | 1,128 | 1,267 | 2.1% |
| International | 243 | 401 | 447 | 496 | 562 | 641 | 729 | 4.0% |
| Total | 953 | 1,155 | 1,273 | 1,394 | 1,565 | 1,770 | 1,997 | 2.7% |
| Canada | | | | | | | | |
| Domestic | 33 | 38 | 42 | 45 | 49 | 53 | 56 | 1.9% |
| International | 45 | 91 | 105 | 119 | 134 | 150 | 167 | 4.8% |
| Total | 78 | 130 | 147 | 164 | 183 | 202 | 224 | 3.8% |
| Mexico | | | | | | | | |
| Domestic | 36 | 40 | 48 | 57 | 68 | 80 | 94 | 3.5% |
| International | 41 | 46 | 54 | 63 | 73 | 84 | 96 | 3.1% |
| Total | 76 | 86 | 102 | 120 | 141 | 164 | 190 | 3.3% |
| Brazil | | | | | | | | |
| Domestic | 56 | 61 | 68 | 74 | 79 | 82 | 85 | 1.5% |
| International | 30 | 46 | 52 | 58 | 61 | 63 | 65 | 2.8% |
| Total | 86 | 107 | 121 | 132 | 139 | 146 | 151 | 2.0% |
| Other Americas | | | | | | | | |
| Domestic | 54 | 72 | 83 | 95 | 108 | 123 | 139 | 3.4% |
| International | 96 | 119 | 141 | 165 | 192 | 223 | 258 | 3.6% |
| Total | 150 | 191 | 224 | 260 | 301 | 346 | 397 | 3.5% |
| Western Europe | | | | | | | | |
| Domestic | 524 | 696 | 776 | 863 | 958 | 1,061 | 1,173 | 2.9% |
| International | 370 | 668 | 737 | 810 | 889 | 974 | 1,065 | 3.8% |
| Total | 894 | 1,364 | 1,513 | 1,673 | 1,847 | 2,035 | 2,238 | 3.3% |
| Russia | | | | | | | | |
| Domestic | 103 | 108 | 117 | 124 | 132 | 141 | 151 | 1.4% |
| International | 37 | 61 | 87 | 95 | 105 | 115 | 127 | 4.5% |
| Total | 140 | 170 | 203 | 219 | 237 | 257 | 278 | 2.5% |
| Eastern Europe and Eurasia | | | | | | | | |
| Domestic | 10 | 11 | 13 | 15 | 18 | 21 | 25 | 3.5% |
| International | 36 | 47 | 56 | 66 | 78 | 92 | 108 | 4.0% |
| Total | 46 | 58 | 69 | 82 | 97 | 114 | 133 | 3.9% |
| Japan | | | | | | | | |
| Domestic | 47 | 62 | 65 | 66 | 68 | 70 | 72 | 1.5% |
| International | 24 | 99 | 114 | 114 | 116 | 117 | 119 | 6.0% |
| Total | 70 | 161 | 178 | 181 | 184 | 187 | 191 | 3.6% |
| South Korea | | | | | | | | |
| Domestic | 8 | 9 | 9 | 10 | 10 | 10 | 10 | 0.8% |
| International | 18 | 76 | 98 | 108 | 113 | 118 | 126 | 7.3% |
| Total | 26 | 85 | 107 | 118 | 123 | 128 | 136 | 6.1% |
| Australia and New Zealand | | | | | | | | |
| Domestic | 44 | 61 | 72 | 82 | 91 | 101 | 111 | 3.4% |
| International | 32 | 86 | 107 | 124 | 143 | 164 | 187 | 6.6% |
| Total | 75 | 147 | 179 | 206 | 234 | 265 | 298 | 5.0% |
| China | | | | | | | | |
| Domestic | 241 | 560 | 748 | 949 | 1,138 | 1,344 | 1,527 | 6.8% |
| International | 22 | 156 | 211 | 267 | 327 | 397 | 469 | 11.6% |
| Total | 263 | 715 | 960 | 1,216 | 1,465 | 1,741 | 1,996 | 7.5% |
| India | | | | | | | | |
| Domestic | 73 | 101 | 154 | 215 | 281 | 353 | 428 | 6.5% |
| International | 28 | 74 | 107 | 143 | 181 | 223 | 268 | 8.4% |

| | | | | | | | | |
|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|-------------|
| Total | 101 | 176 | 261 | 358 | 462 | 576 | 695 | 7.1% |
| Other Asia Pacific | | | | | | | | |
| Domestic | 97 | 208 | 272 | 342 | 423 | 514 | 613 | 6.8% |
| International | 88 | 315 | 411 | 499 | 598 | 710 | 833 | 8.4% |
| Total | 184 | 523 | 683 | 841 | 1,021 | 1,223 | 1,445 | 7.6% |
| Africa | | | | | | | | |
| Domestic | 37 | 54 | 68 | 85 | 105 | 129 | 156 | 5.3% |
| International | 68 | 116 | 145 | 178 | 215 | 257 | 305 | 5.5% |
| Total | 105 | 170 | 213 | 263 | 320 | 386 | 461 | 5.4% |
| Middle East | | | | | | | | |
| Domestic | 42 | 53 | 64 | 77 | 91 | 105 | 119 | 3.8% |
| International | 192 | 284 | 348 | 423 | 510 | 611 | 725 | 4.9% |
| Total | 234 | 337 | 413 | 500 | 601 | 715 | 845 | 4.7% |
| World | | | | | | | | |
| Domestic | 2,114 | 2,888 | 3,425 | 3,998 | 4,621 | 5,315 | 6,027 | 3.8% |
| International | 1,367 | 2,686 | 3,220 | 3,729 | 4,298 | 4,940 | 5,647 | 5.2% |
| Total | 3,481 | 5,574 | 6,644 | 7,727 | 8,919 | 10,255 | 11,673 | 4.4% |

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lz_230821.151531 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

Note: Totals may not equal sum of components due to independent rounding.